

Additional file 4: Table S4: The risk associations between genetic variants and *MLL* status in overall and specific subtypes of acute leukemia, Brazil, 2003-2013

	Controls	Overall cases				ALL				AML			
		<i>MLL</i> -germline (n=118)		<i>MLL</i> -r (n=121)		<i>MLL</i> -germline (n=62)		<i>MLL</i> -r (n=87)		<i>MLL</i> -germline (n=52)		<i>MLL</i> -r (n=34)	
	N	n	OR (95% CI) ^{a,b}	n	OR (95% CI) ^{a,b}	n	OR (95% CI) ^{a,b}	n	OR (95% CI) ^{a,b}	n	OR (95% CI) ^b	n	OR (95% CI) ^b
<i>IKZF1</i>													
rs11978267													
AA	271	55	1.00	72	1.00	22	1.00	50	1.00	33	1.00	22	1.00
AG	182	50	1.63 (0.97-2.72)	33	0.79 (0.46-1.38)	33	2.73 (1.44-5.18)	24	0.85 (0.46-1.57)	17	0.89 (0.45-1.77)	9	0.67 (0.28-1.59)
GG	37	9	1.41 (0.54-3.70)	6	0.60 (0.20-1.79)	7	2.91 (0.98-8.63)	4	0.55 (0.16-1.91)	2	0.49 (0.10-2.38)	2	0.73 (0.15-3.62)
AG+GG	219	59	1.60 (0.98-2.61)	39	0.76 (0.45-1.28)	40	2.77 (1.50-5.10)	28	0.80 (0.45-1.43)	19	0.82 (0.42-1.58)	11	0.69 (0.31-1.54)
<i>ARID5B</i>													
rs10821936													
TT	200	32	1.00	28	1.00	15	1.00	20	1.00	17	1.00	8	1.00
TC	205	46	1.84 (1.02-3.30)	67	3.14 (1.72-5.74)	27	2.35 (1.11-4.95)	50	3.55 (1.80-6.99)	19	1.38 (0.65-2.95)	15	2.52 (0.97-6.57)
CC	68	31	3.39 (1.66-6.91)	18	2.36 (1.06-5.24)	18	4.22 (1.80-9.90)	17	2.10 (0.83-5.27)	13	2.43 (0.98-6.04)	7	2.85 (0.90-8.97)
TC+CC	273	77	2.22 (1.30-3.80)	88	2.87 (1.63-5.05)	45	2.77 (1.40-5.47)	67	3.04 (1.61-5.72)	32	1.70 (0.86-3.37)	22	2.56 (1.05-6.23)
rs10994982													
GG	96	11	1.00	15	1.00	28	1.00	12	1.00	6	1.00	3	1.00
GA	214	51	2.13 (0.97-4.70)	51	1.53 (0.71-5.27)	29	2.62 (0.91-7.53)	40	1.50 (0.66-3.41)	22	1.69 (0.62-4.64)	11	1.67 (0.42-6.66)
AA	163	46	2.46 (1.09-5.57)	49	1.92 (0.89-4.13)	5	3.45 (1.19-10.04)	32	1.51 (0.65-3.50)	18	1.58 (0.54-4.60)	17	3.28 (0.86-12.51)
GA+AA	377	97	2.29 (1.08-4.85)	100	1.70 (0.84-3.43)	34	2.97 (1.08-8.12)	72	1.50 (0.70-3.22)	40	1.69 (0.65-4.41)	28	2.26 (0.63-8.14)
<i>CEBPE</i>													
rs2239633													
AA	62	20	1.00	15	1.00	10	1.00	9	1.00	10	1.00	6	1.00
AG	201	44	0.86 (0.41-1.79)	57	1.43 (0.63-3.23)	18	0.71 (0.28-1.78)	42	2.08 (0.77-5.57)	26	1.01 (0.41-2.47)	15	0.94 (0.32-2.77)
GG	220	48	0.69 (0.34-1.41)	44	0.78 (0.36-1.67)	35	0.96 (0.41-2.26)	31	0.91 (0.37-2.23)	13	0.36 (0.13-0.99)	13	0.57 (0.19-1.70)
AG+GG	421	92	0.76 (0.39-1.47)	101	1.04 (0.50-2.15)	53	0.86 (0.38-1.93)	73	1.29 (0.55-3.03)	39	0.62 (0.27-1.44)	28	0.72 (0.26-1.96)

MLL-GL, *MLL* germline; *MLL*-r, *MLL* rearranged; ALL, acute lymphoblastic leukemia; AML, acute myeloid leukemia; n, number of individuals; OR, odds ratio; CI, confidence intervals;

^aAdjusted on age; ^bAdjusted on skin color.