

BUB1B		yes							yes	
CAMK1	yes		yes	yes	yes	yes	yes	yes	yes	Yes
CAMK1D	yes	yes	yes	yes	yes	yes	yes	yes	yes	
CAMK1G	yes		yes		yes		yes		yes	
CAMK2A	yes	yes	yes	yes	yes	yes	yes	yes	yes	
CAMK2B	yes	yes	yes	yes	yes	yes	yes	yes	yes	
CAMK2D	yes	yes	yes	yes	yes	yes	yes	yes	yes	
CAMK2G	yes	yes	yes	yes	yes	yes	yes	yes	yes	
CAMK4	yes	yes	yes	yes	yes	yes		yes	yes	
CAMKK1	yes	yes	yes		yes		yes	yes	yes	
CAMKK2	yes	yes	yes		yes		yes	yes	yes	Yes
CAMKV										
CASK	yes							yes	yes	
CDC42BPA	yes	yes	yes	yes	yes	yes		yes	yes	
CDC42BPB	yes	yes	yes	yes	yes	yes		yes	yes	
CDC42BPG	yes		yes						yes	
CDC7		yes	yes			yes		yes	yes	
CDK1	yes	yes	yes	yes	yes	yes		yes	yes	
CDK10	yes									
CDK11A	yes									
CDK11B	yes							yes		
CDK12	yes	yes								
CDK13	yes	yes								
CDK14	yes							yes	yes	
CDK15	yes		yes							
CDK16	yes	yes	yes					yes	yes	
CDK17	yes	yes	yes						yes	
CDK18	yes	yes	yes						yes	
CDK19	yes	yes	yes							
CDK2	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
CDK20	yes	yes								
CDK3	yes	yes	yes	yes	yes	yes		yes	yes	
CDK4	yes	yes	yes	yes	yes	yes			yes	
CDK5	yes	yes	yes	yes	yes	yes	yes	yes	yes	
CDK6	yes	yes	yes	yes	yes	yes			yes	
CDK7	yes	yes	yes	yes	yes	yes	yes	yes	yes	
CDK8	yes	yes					yes	yes	yes	
CDK9	yes	yes	yes	yes	yes	yes		yes	yes	Yes
CDKL1	yes									
CDKL2	yes									
CDKL3	yes									
CDKL4										
CDKL5	yes						yes			
CHEK1	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
CHEK2	yes	yes	yes	yes	yes	yes		yes	yes	Yes

EPHA5	yes	yes	yes	yes	yes	yes	yes	yes		
EPHA6	yes	yes	yes			yes	yes	yes	yes	
EPHA7	yes	yes	yes		yes	yes	yes	yes	yes	
EPHA8	yes	yes	yes	yes	yes	yes	yes	yes		
EPHB1	yes	yes	yes	yes	yes	yes		yes	yes	Yes
EPHB2	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
EPHB3	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
EPHB4	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
EPHB6	yes									
ERBB2	yes	yes	yes	yes	yes	yes	yes	yes		
ERBB3	yes									
ERBB4	yes	yes	yes	yes	yes	yes		yes		Yes
ERN1	yes		yes		yes				yes	
ERN2			yes						yes	
FASTK									yes	
FER	yes	yes	yes	yes	yes	yes	yes	yes	yes	
FES	yes	yes	yes	yes	yes	yes	yes	yes	yes	
FGFR1	yes	yes	yes	yes	yes	yes		yes	yes	Yes
FGFR2	yes	yes	yes	yes	yes	yes	yes	yes	yes	
FGFR3	yes	yes	yes	yes	yes	yes	yes	yes	yes	
FGFR4	yes	yes	yes	yes	yes	yes		yes	yes	
FGR	yes	yes	yes	yes	yes	yes	yes	yes	yes	
FLT1	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
FLT3	yes	yes	yes	yes	yes	yes	yes	yes	yes	
FLT4	yes	yes	yes	yes	yes	yes	yes	yes	yes	
FRK	yes	yes	yes	yes	yes	yes	yes	yes	yes	
FYN	yes	yes	yes	yes	yes	yes	yes	yes	yes	
GAK	yes									
GRK1	yes		yes		yes			yes	yes	
GRK2	yes	yes	yes		yes			yes	yes	
GRK3	yes	yes	yes		yes			yes	yes	
GRK4	yes	yes	yes					yes		
GRK5		yes	yes		yes			yes	yes	
GRK6		yes	yes	yes	yes			yes	yes	
GRK7	yes	yes	yes	yes	yes		yes	yes	yes	
GSG2	yes	yes	yes	yes	yes	yes		yes	yes	
GSK3A	yes	yes	yes	yes	yes	yes	yes	yes	yes	
GSK3B	yes	yes	yes	yes	yes	yes		yes	yes	Yes
GUCY2C										
GUCY2D										
GUCY2F										
HCK	yes	yes	yes	yes	yes	yes	yes	yes	yes	
HIPK1	yes	yes	yes	yes	yes	yes		yes	yes	Yes
HIPK2	yes	yes	yes	yes	yes			yes	yes	Yes
HIPK3	yes	yes	yes	yes	yes			yes	yes	Yes

HIPK4	yes	yes	yes	yes	yes		yes	yes	yes	
HUNK	yes								yes	
ICK	yes		yes		yes			yes	yes	
IGF1R	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
IKBKB	yes	yes	yes	yes	yes	yes		yes	yes	Yes
IKBKE	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
ILK										
INSR	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
INSRR	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
IRAK1	yes	yes	yes	yes	yes	yes		yes		Yes
IRAK2	yes								yes	
IRAK3	yes						yes			
IRAK4	yes	yes	yes	yes	yes	yes		yes	yes	Yes
ITK	yes	yes	yes	yes	yes	yes	yes	yes	yes	
JAK1	yes	yes	yes	yes	yes	yes		yes	yes	
JAK2	yes	yes	yes	yes	yes	yes		yes	yes	
JAK3	yes	yes	yes	yes	yes	yes		yes	yes	
KALRN										
KDR	yes	yes	yes	yes	yes	yes	yes	yes	yes	
KIT	yes	yes	yes	yes	yes	yes	yes	yes	yes	
KSR1			yes						yes	
KSR2			yes						yes	
LATS1	yes		yes	yes				yes	yes	
LATS2	yes		yes	yes		yes		yes	yes	
LCK	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
LIMK1	yes	yes	yes		yes		yes	yes	yes	
LIMK2	yes	yes	yes					yes	yes	
LMTK2										
LMTK3										
LRRK1										
LRRK2	yes	yes	yes	yes	yes			yes	yes	
LTK	yes	yes	yes	yes	yes	yes		yes	yes	
LYN	yes	yes	yes	yes	yes	yes	yes	yes	yes	
MAK	yes		yes						yes	
MAP2K1	yes	yes	yes	yes	yes	yes		yes	yes	Yes
MAP2K2	yes	yes	yes	yes	yes	yes		yes	yes	Yes
MAP2K3	yes		yes			yes		yes	yes	
MAP2K4	yes	yes	yes			yes			yes	
MAP2K5	yes	yes	yes			yes			yes	
MAP2K6	yes	yes	yes		yes	yes		yes	yes	Yes
MAP2K7	yes	yes	yes		yes	yes			yes	
MAP3K1	yes	yes	yes			yes			yes	Yes
MAP3K10	yes	yes	yes		yes	yes	yes	yes	yes	
MAP3K11	yes	yes	yes			yes	yes	yes	yes	Yes
MAP3K12	yes		yes			yes				

MAP3K13	yes									
MAP3K14	yes	yes	yes					yes		
MAP3K15	yes									
MAP3K19	yes	yes	yes						yes	
MAP3K2	yes	yes	yes		yes	yes		yes	yes	
MAP3K20	yes	yes	yes		yes			yes	yes	
MAP3K21		yes	yes						yes	
MAP3K3	yes	yes	yes			yes		yes	yes	
MAP3K4	yes					yes				
MAP3K5	yes	yes	yes		yes	yes		yes	yes	Yes
MAP3K6	yes		yes						yes	
MAP3K7	yes	yes	yes	yes	yes	yes			yes	Yes
MAP3K8		yes	yes			yes			yes	
MAP3K9	yes	yes	yes		yes	yes	yes		yes	Yes
MAP4K1	yes		yes						yes	
MAP4K2	yes	yes	yes	yes	yes	yes	yes		yes	Yes
MAP4K3	yes		yes						yes	Yes
MAP4K4	yes	yes	yes	yes	yes	yes				
MAP4K5	yes	yes	yes	yes	yes				yes	Yes
MAPK1	yes	yes	yes	yes	yes	yes		yes	yes	Yes
MAPK10	yes	yes	yes	yes	yes	yes		yes	yes	Yes
MAPK11	yes	yes	yes	yes	yes	yes		yes	yes	Yes
MAPK12	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
MAPK13	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
MAPK14	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
MAPK15	yes	yes	yes					yes	yes	Yes
MAPK3	yes	yes	yes	yes		yes		yes	yes	Yes
MAPK4	yes									
MAPK6	yes								yes	
MAPK7	yes	yes	yes			yes			yes	Yes
MAPK8	yes	yes	yes	yes	yes	yes		yes	yes	Yes
MAPK9	yes	yes	yes	yes	yes	yes		yes	yes	Yes
MAPKAPK2	yes	yes	yes	yes	yes	yes		yes	yes	Yes
MAPKAPK3		yes	yes	yes	yes	yes		yes	yes	Yes
MAPKAPK5	yes	yes	yes	yes	yes	yes		yes	yes	Yes
MARK1	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
MARK2	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
MARK3	yes	yes	yes	yes		yes	yes	yes	yes	Yes
MARK4	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
MAST1	yes									
MAST2										
MAST3										
MAST4										
MASTL										
MATK	yes	yes	yes					yes	yes	

MELK	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
MERTK	yes	yes	yes	yes	yes	yes		yes	yes	
MET	yes	yes	yes	yes	yes	yes	yes	yes	yes	
MINK1	yes	yes	yes	yes	yes	yes		yes	yes	Yes
MKNK1	yes	yes	yes	yes		yes		yes	yes	Yes
MKNK2	yes	yes	yes		yes	yes	yes	yes	yes	Yes
MLKL	yes									
MOK					yes					
MOS						yes				
MST1R	yes	yes	yes	yes	yes	yes	yes	yes	yes	
MTOR	yes	yes	yes	yes	yes			yes		
MUSK	yes	yes	yes	yes	yes	yes	yes	yes	yes	
MYLK	yes	yes	yes		yes		yes	yes	yes	Yes
MYLK2	yes	yes	yes		yes	yes	yes	yes	yes	
MYLK3	yes	yes	yes						yes	
MYLK4	yes		yes				yes		yes	
MYO3A	yes		yes						yes	
MYO3B	yes		yes		yes			yes	yes	
NEK1	yes	yes	yes	yes	yes	yes		yes	yes	
NEK10	yes									
NEK11	yes	yes	yes		yes				yes	
NEK2	yes	yes	yes	yes	yes	yes		yes	yes	Yes
NEK3	yes	ye	yes		yes				yes	
NEK4	yes	yes	yes			yes		yes	yes	
NEK5	yes		yes						yes	
NEK6	yes	yes	yes	yes	yes	yes		yes	yes	Yes
NEK7	yes	yes	yes	yes	yes	yes		yes	yes	
NEK8			yes						yes	
NEK9	yes	yes	yes	yes	yes	yes		yes	yes	
NIM1K	yes		yes		yes	yes			yes	
NLK	yes	yes	yes		yes			yes	yes	
NPR1										
NPR2										
NRBP1										
NRBP2										
NRK										
NTRK1	yes	yes	yes	yes	yes	yes		yes	yes	Yes
NTRK2	yes	yes	yes	yes	yes	yes	yes	yes	yes	
NTRK3	yes	yes	yes	yes	yes	yes	yes	yes	yes	
NUAK1	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
NUAK2	yes	yes	yes		yes	yes	yes	yes	yes	
OBSCN										
OXSRI	yes		yes							Yes
PAK1	yes	yes	yes	yes	yes	yes	yes	yes	yes	
PAK2	yes	yes	yes	yes	yes	yes		yes		Yes

PAK3	yes	yes	yes	yes	yes			yes	yes	
PAK4	yes	yes	yes	yes	yes	yes		yes	yes	Yes
PAK5	yes	yes	yes	yes	yes	yes		yes	yes	Yes
PAK6	yes	yes	yes	yes	yes	yes		yes	yes	Yes
PASK	yes	yes	yes	yes	yes	yes		yes	yes	
PBK		yes	yes			yes			yes	
PDGFRA	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
PDGFRB	yes	yes	yes	yes	yes	yes	yes	yes	yes	
PDIK1L										
PDK1			yes	yes	yes			yes	yes	Yes
PDK2			yes			yes			yes	
PDK3			yes						yes	
PDK4			yes		yes	yes			yes	
PDPK1	yes	yes				yes	yes		yes	
PEAK1			yes						yes	
PHKG1	yes	yes	yes	yes		yes	yes	yes	yes	Yes
PHKG2	yes	yes	yes	yes	yes	yes		yes	yes	
PIM1	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
PIM2	yes	yes	yes		yes	yes	yes	yes	yes	Yes
PIM3	yes	yes	yes	yes	yes	yes			yes	Yes
PINK1										Yes
PKDCC										
PKMYT1	yes	yes					yes		yes	
PKN1	yes	yes	yes	yes		yes		yes	yes	
PKN2	yes	yes	yes	yes	yes			yes	yes	Yes
PKN3		yes	yes				yes		yes	
PLK1	yes	yes	yes	yes	yes	yes		yes	yes	Yes
PLK2	yes	yes	yes	yes	yes	yes		yes	yes	
PLK3	yes	yes	yes	yes	yes	yes		yes	yes	
PLK4	yes	yes	yes	yes			yes	yes	yes	
PNCK	yes		yes		yes				yes	
POMK										
PRAG1										
PRKAA1	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
PRKAA2	yes		yes	yes	yes	yes	yes	yes	yes	Yes
PRKACA	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
PRKACB	yes		yes	yes	yes	yes	yes	yes	yes	
PRKACG			yes			yes		yes	yes	
PRKCA		yes	yes	yes	yes	yes		yes	yes	Yes
PRKCB		yes	yes	yes	yes	yes		yes	yes	
PRKCD	yes	yes	yes		yes	yes	yes	yes	yes	
PRKCE	yes	yes	yes	yes	yes	yes	yes	yes	yes	
PRKCG		yes	yes	yes	yes	yes	yes	yes	yes	Yes
PRKCH	yes	yes	yes	yes	yes	yes	yes	yes	yes	
PRKCI	yes	yes	yes	yes	yes	yes		yes	yes	

PRKCQ	yes	yes	yes	yes	yes	yes	yes	yes	yes	
PRKCZ		yes	yes	yes	yes	yes		yes	yes	Yes
PRKD1	yes	yes	yes	yes	yes	yes		yes		Yes
PRKD2	yes	yes	yes	yes	yes	yes	yes	yes	yes	
PRKD3	yes	yes	yes	yes	yes	yes	yes	yes		
PRKDC		yes	yes		yes			yes		
PRKG1	yes	yes	yes	yes	yes	yes	yes	yes	yes	
PRKG2	yes	yes	yes	yes	yes	yes	yes	yes	yes	
PRKX	yes	yes	yes	yes	yes	yes	yes	yes	yes	
PRKY										
PRPF4B	yes									
PSKH1										
PSKH2										
PTK2	yes	yes	yes	yes	yes	yes	yes	yes	yes	
PTK2B	yes	yes	yes	yes	yes	yes	yes	yes	yes	
PTK6	yes	yes	yes	yes		yes	yes	yes	yes	Yes
PTK7										
PXK										
RAF1	yes	yes	yes	yes	yes	yes		yes	yes	
RET	yes	yes	yes	yes	yes	yes	yes	yes		
RIOK1	yes									
RIOK2	yes									
RIOK3	yes									
RIPK1	yes								yes	
RIPK2	yes	yes	yes	yes	yes		yes	yes	yes	Yes
RIPK3	yes		yes					yes	yes	
RIPK4	yes	yes	yes						yes	
RNASEL										
ROCK1	yes	yes	yes	yes	yes	yes		yes	yes	
ROCK2	yes	yes	yes	yes	yes	yes		yes	yes	Yes
ROR1									yes	
ROR2									yes	
ROS1	yes	yes	yes	yes	yes	yes	yes	yes	yes	
RPS6KA1	yes	yes	yes	yes		yes	yes	yes	yes	
RPS6KA2	yes	yes	yes	yes		yes	yes	yes	yes	Yes
RPS6KA3	yes	yes	yes	yes		yes	yes	yes	yes	Yes
RPS6KA4	yes	yes	yes	yes	yes	yes	yes	yes	yes	
RPS6KA5	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
RPS6KA6	yes	yes	yes	yes		yes	yes	yes	yes	
RPS6KB1	yes	yes	yes	yes	yes	yes		yes	yes	Yes
RPS6KB2		yes	yes	yes		yes			yes	
RPS6KC1										
RPS6KL1										
RYK										
SBK1	yes		yes						yes	

STRADB										
STYK1										
SYK	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
TAF1										
TAOK1	yes		yes		yes			yes	yes	Yes
TAOK2	yes	yes	yes	yes	yes	yes		yes	yes	
TAOK3	yes	yes	yes	yes	yes			yes	yes	
TBCK										
TBK1	yes	yes	yes	yes	yes	yes	yes	yes	yes	Yes
TEC	yes	yes	yes	yes	yes	yes	yes	yes	yes	
TEK	yes	yes	yes		yes	yes	yes	yes	yes	Yes
TESK1	yes		yes				yes		yes	Yes
TESK2			yes				yes	yes	yes	
TEX14										
TGFBR1	yes	yes	yes		yes			yes	yes	Yes
TGFBR2	yes	yes	yes					yes	yes	
TIE1	yes						yes			
TLK1	yes	yes	yes		yes			yes	yes	Yes
TLK2	yes	yes	yes		yes			yes	yes	
TNIK	yes		yes	yes	yes	yes		yes	yes	
TNK1	yes	yes	yes			yes	yes		yes	
TNK2	yes	yes	yes	yes	yes	yes	yes	yes	yes	
TNNI3K	yes						yes			
TP53RK										
TRIB1										
TRIB2										
TRIB3										
TRIO									yes	
TRPM6	yes									
TRPM7			yes		yes					
TRRAP										
TSSK1B	yes	yes	yes	yes	yes	yes		yes	yes	Yes
TSSK2		yes	yes	yes	yes	yes		yes	yes	
TSSK3	yes		yes		yes	yes				
TSSK4					yes					
TSSK6			yes							
TTBK1		yes	yes		yes				yes	Yes
TTBK2		yes	yes		yes				yes	Yes
TTK	yes	yes		yes	yes			yes	yes	Yes
TTN										
TXK	yes	yes	yes	yes	yes	yes	yes	yes	yes	
TYK2	yes	yes	yes	yes	yes	yes		yes	yes	
TYRO3	yes	yes	yes	yes	yes	yes		yes	yes	
UHMK1										
ULK1	yes		yes		yes			yes	yes	Yes

