

## ProQinase's Complete Kinom List

Name (acc.to Manning et al)	HGNC Name	Additional Synonyms	GenBank Acc.No.	Kinase Panel available at ProQinase for in vitro Kinase Assay Services	Kinase Panel available at ProQinase for selling
A6	TWF1	PTK9; Twinfilin-1; MGC23788; MGC41876	NM_002822		
A6r	TWF2	A6RP; A6r; MSTP011; TLR9; PTK9L	NM_007284		
AAK1	AAK1	KIAA1048	NM_014911		
ABL1	ABL1	ABL; JTK7; p150; c-ABL; v-abl	NM_005157	ABL1 wt	ABL1 wt
ABL1	ABL1	ABL; JTK7; p150; c-ABL; v-abl	NM_005157	ABL1 T315I	ABL1 T315I
ABL1	ABL1	ABL; JTK7; p150; c-ABL; v-abl	NM_005157	ABL1 G250E	ABL1 G250E
ABL1	ABL1	ABL; JTK7; p150; c-ABL; v-abl	NM_005157	ABL1 Y253F	ABL1 Y253F
ABL1	ABL1	ABL; JTK7; p150; c-ABL; v-abl	NM_005157	ABL1 E255K	ABL1 E255K
ACK	TNK2	p21cdc42Hs; Activated CDC42 kinase 1	NM_005781	ACK1	ACK1
ACTR2	ACTR2	ARP-2, actin like protein 2	NM_005722		
ACTR2B	ACVR2B	ActR-IIB; MGC116908; activin A receptor, type IIB	NM_001106		
ADCK1	ADCK1	FLJ39600; aarF domain containing kinase 1	NM_020421		
ADCK2	ADCK2	AARF; MGC20727	NM_052853		
ADCK3	CABC1	n/a	NM_020247		
ADCK4	ADCK4	FLJ12229	NM_024876		
ADCK5	ADCK5	FLJ35454	NM_174922		
AKT1	AKT1	PKB; RAC; PRKBA; RAC-ALPHA	NM_005163	AKT1	AKT1
AKT2	AKT2	PRKBB; PKBBETA; RAC-BETA	NM_001626	AKT2	AKT2
AKT3	AKT3	PKBG; PRKBG; STK-2; RAC-gamma; RAC-PK-gamma	NM_005465	AKT3	AKT3
ALK	ALK	CD246 antigen	NM_004304	ALK	
ALK1	ACVRL1	ACVRLK1; ALK-1; ALK1; HHT; HHT2; ORW2; SKR3	NM_000020	ACV-RL1	
ALK2	ACVR1	ACTRI; ACVRLK2; ALK2; SKR1	NM_001105	ACV-R1	ACV-R1
ALK4	ACVR1B	ACTRIB; ACVRLK4; ALK4; SKR2	NM_004302	ACV-R1B	

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ALK7	ACVR1C	ACVRLK7; ALK7	NM_145259		
AlphaK1	ALPK3	KIAA1330; MAK; MIDORI; alpha-kinase 3	NM_020778		
AlphaK2	ALPK2	HAK	NM_052947		
AlphaK3	ALPK1	LAK; KIAA1527; FLJ22670; 8430410J10Rik	NM_025144		
AMPKa1	PRKAA1	MGC33776; MGC57364	NM_006251	AMPK-alpha1	AMPK-alpha1
AMPKa2	PRKAA2	AMPK; AMPK2; PRKAA	NM_006252		
ANKRD3	RIPK4	ANKK2, DIK, PKK, RIP4, PKC-delta-interacting protein kinase, ANKRD3	NM_020639		
<b>ANPa</b>	NPR1	ANPRA; ANPa; GUC2A; GUCY2A	NM_000906		
<b>ANPb</b>	NPR2	AMDM; ANPRB; GUC2B; GUCY2B; NPRBi	NM_000907		
ARAF	ARAF	A-RA; ARAF1; PKS2; RAFA1	NM_001654		
ARG	ABL2	ABLL	NM_007314	ABL2	
ATM	ATM	AT; AT1; ATA; ATC; ATD; ATDC; ATE; T-PLL; TPLL	NM_000051		
ATR	ATR	FRP1; SCKL; SCKL1	NM_001184		
AurA	AURKA	AIK; ARK1; AURA; BTAK; STK15; MGC34538; STK6	NM_003600	Aurora-A	Aurora-A
AurB	AURKB	AIK2; AIM1; ARK2; AurB; IPL1; STK5; AIM-1; STK12	NM_004217	Aurora-B	Aurora-B
AurC	AURKC	AIE2; AIK3; STK13	NM_003160	Aurora-C	Aurora-C
AXL	AXL	EC; UFO	NM_001699	AXL	AXL
BARK1	ADRBK1	GRK2	NM_001619	GRK2	
BARK2	ADRBK2	BARK2	NM_005160	GRK3	
BCKDK	BCKDK	n/a	NM_005881		
BCR	BCR	ALL; BCR1; CML; D22S11; D22S662; PHL	NM_004327		
BIKE	BMP2K	DKFZp434K0614; DKFZp434P0116; HRIHFB2017	NM_017593		
BLK	BLK	n/a	NM_001715	BLK	BLK
BMPR1A	BMPR1A	ACVRLK3, ALK3	NM_004329	BMPR1A	
BMPR1B	BMPR1B	ALK6; ALK-6	NM_001203		
BMPR2	BMPR2	BMPR-II; BMPR3; BMR2; BRK-3; PPH1; T-ALK	NM_001204		

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BMX	BMX	ETK; PSCTK2; PSCTK3	NM_001721	BMX	
BRAF	BRAF	B-Raf; B-raf-1; BRAF1; RAFB1	NM_004333	B-RAF wt	B-RAF wt
BRAF	BRAF	B-Raf; B-raf-1; BRAF1; RAFB1	NM_004333	B-RAF V600E	B-RAF V600E
BRD2	BRD2	D6S113E; DKFZp686N0336; FSRG1; KIAA9001; NAT; RING3; RNF3	NM_005104		
BRD3	BRD3	KIAA0043; ORFX; RING3L	NM_007371		
BRD4	BRD4	CAP; HUNKI; MCAP	NM_014299		
BRDT	BRDT	BRD6	NM_001726		
BRK	PTK6	n/a	NM_005975	BRK	BRK
BRSK1	BRSK1	KIAA1811	NM_032430	BRSK1	
BRSK2	BRSK2	C11orf7; PEN11B; SAD1; STK29	NM_003957		
BTK	BTK	AGMX1; AT; ATK; BPK; IMD1; PSCTK1; XLA	NM_000061	BTK	
BUB1	BUB1	BUB1A; BUB1L; hBUB1	NM_004336		
BUBR1	BUB1B	BUBR1; Bub1A; MAD3L; hBUBR1	NM_001211		
CaMK1a	CAMK1	CAMK1-PEN; CAMKI	NM_003656		
CaMK1b	PNCK	MGC45419	BC064422.1		
CaMK1d	CAMK1D	CKLiK; CaM-K1; CaMKID	NM_020397	CAMK1D	
CaMK1g	CAMK1G	CLICKIII; VWS1; dJ272L16.1	NM_020439		
CaMK2a	CAMK2A	CAMKA; KIAA0968	NM_015981	CAMK2A	
CaMK2b	CAMK2B	CAM2; CAMK2; CAMKB; MGC29528	NM_001220	CAMK2B	
CaMK2d	CAMK2D	CAMKD; MGC44911; CaMKII delta	NM_001221	CAMK2D	
CaMK2g	CAMK2G	CAMK; CAMK-II; CAMKG; MGC26678	NM_001222		
CaMK4	CAMK4	CaMK-GR; MGC36771	NM_001744	CAMK4	
CaMKK1	CAMKK1	CAMKKA; DKFZp761M0423; MGC34095	NM_032294	CAMKK1	
CaMKK2	CAMKK2	CAMKK; CAMKKB; KIAA0787; MGC15254	NM_006549	CAMKK2	
caMLCK	MYLK3	MLCK2; MYLK2	NM_182493	MYLK3	

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<b>CASK</b>	CASK	LIN2	NM_003688		
<b>CCK4</b>	PTK7	n/a	NM_002821		
CCRK	CCRK	CDCH; RP11-350E12.2; p42	NM_012119		
CDC2	CDC2	p34	NM_001786	CDK1/CycA	CDK1/CycA
CDC2	CDC2	p34	NM_001786	CDK1/CycB1	CDK1/CycB1
CDC2	CDC2	p34	NM_001786	CDK1/CycE	CDK1/CycE
CDC7	CDC7	CDC7L1; HsCDC7; Hsk1; huCDC7	NM_003503		
CDK10	CDK10	PISSLRE	NM_052987		
CDK11	CDC2L6	KIAA1028; bA346C16.3	NM_015076		
CDK2	CDK2	p33(CDK2)	NM_001798	CDK2/CycA	CDK2/CycA
CDK2	CDK2	p33(CDK2)	NM_001798	CDK2/CycE	CDK2/CycE
CDK3	CDK3	n/a	NM_001258	CDK3/CycE	CDK3/CycE
CDK4	CDK4	CMM3; PSK-J3; MGC14458	NM_000075	CDK4/CycD1	CDK4/CycD1
CDK4	CDK4	CMM3; PSK-J3; MGC14458	NM_000075	CDK4/CycD3	CDK4/CycD3
CDK5	CDK5	PSSALRE	NM_004935	CDK5/p25NCK	CDK5/p25NCK
CDK5	CDK5	PSSALRE	NM_004935	CDK5/p35NCK	CDK5/p35NCK
CDK6	CDK6	PLSTIRE; MGC59692	NM_001259	CDK6/CycD1	CDK6/CycD1
CDK7	CDK7	CAK1; CDKN7; STK1; p39MO15	NM_001799	CDK7/CycH/MAT 1	CDK7/CycH/MAT 1
CDK8	CDK8	K35	NM_001260	CDK8/CycC	CDK8/CycC
CDK9	CDK9	C-2k; CDC2L4K35; PITALRE; TAK	NM_001261	CDK9/CycT	CDK9/CycT
CDK9	CDK9	C-2k; CDC2L4K35; PITALRE; TAK	NM_001261	CDK9/CycK	
CDKL1	CDKL1	KKIALRE; p42	NM_004196		
CDKL2	CDKL2	KKIAMRE; P56	NM_003948		
CDKL3	CDKL3	NKIAMRE	NM_016508		
CDKL4	CDKL4	n/a	XM_293029		
CDKL5	CDKL5	STK9	NM_003159		
ChaK1	TRPM7	CHAK; CHAK1; FLJ20117; LTRPC7; TRP-PLIK	NM_017672		
ChaK2	TRPM6	CHAK2; FLJ20087; FLJ22628; HMGX; HOMG; HSH	NM_017662		
CHED	CDC2L5	CDC2L; KIAA1791	NM_003718		
CHK1	CHEK1	n/a	NM_001274	CHK1	CHK1
CHK2	CHEK2	CDS1; HuCds1; PP1425; RAD53; bA444G7	NM_007194	CHK2	

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CK1a	CSNK1A1	CK1; HLCDGP1; PRO2975	NM_001892	CK1-alpha1	CK1-alpha1
CK1a2	CSNK1A1L	CK1-alpha2	NM_145203		
CK1d	CSNK1D	HCKID	NM_001893	CK1-delta	
CK1e	CSNK1E	CK1e; HCKIE; MGC10398	NM_001894	CK1-epsilon	
CK1g1	CSNK1G1	n/a	NM_022048	CK1-gamma1	
CK1g2	CSNK1G2	CK1g2	NM_001319	CK1-gamma2	
CK1g3	CSNK1G3	n/a	NM_004384	CK1-gamma3	
CK2a1	CSNK2A1	CKII; CK2A1	NM_001895	CK2-alpha1	CK2-alpha1
CK2a2	CSNK2A2	n/a	NM_001896	CK2-alpha2	CK2-alpha2
CLIK1	STK35	bA550O8.2	NM_080836		
CLIK1L	PDIK1L	RP11-96L14.4	NM_152835		
CLK1	CLK1	CLK; CLK/STY	NM_004071	CLK1	CLK1
CLK2	CLK2	MGC61500; clk2; hCLK2	NM_001291	CLK2	
CLK3	CLK3	clk3; CDC-like kinase 3	NM_001292	CLK3	CLK3
CLK4	CLK4	DKFZp686A20267; CDC-like kinase 4	NM_020666	CLK4	
COT	MAP3K8	EST; ESTF; TPL2; Tpl-2; c-COT	NM_005204	COT	COT
CRIK	CIT	STK2; STK21; KIAA0949	NM_007174		
CRK7	CRKRS	CRKRS; KIAA0904	NM_016507		
CSK	CSK	n/a	NM_004383	CSK	CSK
CTK	MATK	CHK; CTK; DKFZp434N1212; HHYLTk; HYL; Lsk; MGC1708; MGC2101	NM_002378	MATK	
<b>CYGD</b>	GUCY2D	CORD6; CYGD; GUC1A4; GUC2D; LCA; LCA1; RETGC-1; ROS-GC1	NM_000180		
<b>CYGF</b>	GUCY2F	CYGF; GC-F; GUC2DL; GUC2F; RETGC-2; ROS-GC2	NM_001522		
DAPK1	DAPK1	n/a	NM_004938	DAPK1	DAPK1
DAPK2	DAPK2	DRP-1	NM_014326	DAPK2	
DAPK3	DAPK3	ZIP; ZIPK	NM_001348	DAPK3	
DCAMKL1	DCLK1	DCLK; KIAA0369	NM_004734		
DCAMKL2	DCLK2	DCDC3; DCK2; DKFZp7611032; MGC45428	NM_152619	DCAMKL2	
<b>DCAMKL3</b>	DCLK3	KIAA1765, DCDC3C	NM_033403		

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DDR1	DDR1	CAK; CD167; DDR; EDDR1; MCK10; NEP; NTRK4; PTK3; PTK3A; RTK6; TRKE	NM_001954		
DDR2	DDR2	NTRKR3; TKT; TYRO10	NM_006182	DDR2	DDR2
DLK	MAP3K12	DLK; MUK; ZPK; ZPKP1	NM_006301		
DMPK1	DMPK	DM; DM1; DM1PK; DMK	NM_004409	DMPK	
DMPK2	CDC42BPG	DMPK2; HSMDPKIN; KAPPA-200; MRCKgamma	NM_017525		
DNAPK	PRKDC	DNAPK; DNPk1; HYRC; HYRC1; XRCC7; p350	NM_006904	DNA-PK	
DRAK1	STK17A	n/a	NM_004760	STK17A	
DRAK2	STK17B	n/a	NM_004226		
DYRK1A	DYRK1A	DYRK; DYRK1; HP86; MNB; MNBH	NM_001396	DYRK1A	
DYRK1B	DYRK1B	MIRK	NM_004714	DYRK1B	
DYRK2	DYRK2	n/a	NM_006482		
DYRK3	DYRK3	DYRK5; RED; REDK	NM_003582	DYRK3	
DYRK4	DYRK4	n/a	NM_003845	DYRK4	
eEF2K	EEF2K	HSU93850; MGC45041; eEF-2K	NM_013302	EEF2K	
EGFR	EGFR	ERBB; mENA; ERBB1	NM_005228	EGF-R wt	EGF-R wt
EGFR	EGFR	ERBB; mENA; ERBB1	NM_005228	EGF-R L858R	EGF-R L858R
EGFR	EGFR	ERBB; mENA; ERBB1	NM_005228	EGF-R T790M	EGF-R T790M
EGFR	EGFR	ERBB; mENA; ERBB1	NM_005228	EGF-R T790M/L858R	EGF-R T790M/L858R
EGFR	EGFR	ERBB; mENA; ERBB1	NM_005228	EGF-R L861Q	
EphA1	EPHA1	EPH; EPHT; EPHT1	NM_005232	EPHA1	EPHA1
<b>EphA10</b>	EPHA10	FLJ33655	NM_173641		
EphA2	EPHA2	ECK	NM_004431	EPHA2	EPHA2
EphA3	EPHA3	ETK; ETK1; EphA3; HEKECK; HEK4; TYRO4	NM_005233	EPHA3	EPHA3
EphA4	EPHA4	HEK8; SEK; TYRO1	NM_004438	EPHA4	EPHA4
EphA5	EPHA5	CEK7; EHK1; EphA5; HEK7; HGNC:12448; TYRO4	NM_004439	EPHA5	EPHA5

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EphA6	EPHA6	n/a	XM_114973		
EphA7	EPHA7	EHK3; EphA7; HEK11	NM_004440	EPHA7	EPHA7
EphA8	EPHA8	EEK; EphA8; HEK3; KIAA1459	NM_020526	EPHA8	
EphB1	EPHB1	ELK; NET; Hek6; EPHT2	NM_004441	EPHB1	EPHB1
EphB2	EPHB2	DRT; ERK; Hek5; EPHT3; Tyro5	NM_004442	EPHB2	EPHB2
EphB3	EPHB3	ETK2; HEK2; TYRO6	NM_004443	EPHB3	EPHB3
EphB4	EPHB4	HTK; MYK1; TYRO11	NM_004444	EPHB4	EPHB4
<b>EphB6</b>	EPHB6	HEP	NM_004445		
Erk1	MAPK3	P44ERK1; P44MAPK; PRKM3	NM_002746	ERK1	ERK1
Erk2	MAPK1	ERK; ERT1; MAPK2; P42MAPK; PRKM1; PRKM2; p38; p40; p41	NM_002745	ERK2	ERK2
Erk3	MAPK6	DKFZp686F03189; HsT17250; PRKM6; p97MAPK	NM_002748		
Erk4	MAPK4	ERK3; Erk3-related; Erk4; PRKM4; p63MAPK	NM_002747		
Erk5	MAPK7	BMK1; ERK4; ERK5; PRKM7; BMK1 kinase	NM_002749		
Erk7	MAPK15	ERK7; Erk8	NM_139021		
FAK	PTK2	FADK; FAK1; pp125FAK	NM_005607	FAK	FAK
FASTK	FASTK	n/a	NM_006712		
FER	FER	TYK3	NM_005246	FER	FER
FES	FES	FPS	NM_002005	FES	
FGFR1	FGFR1	H2; H3; H4; H5; CEK; FLG; FLT2; KAL2; BFGFR; C-FGR; N-SAM	NM_000604	FGF-R1 wt	FGF-R1 wt
FGFR1	FGFR1	H2; H3; H4; H5; CEK; FLG; FLT2; KAL2; BFGFR; C-FGR; N-SAM	NM_000604	FGF-R1 V561M	FGF-R1 V561M
FGFR2	FGFR2	BEK; JWS; CEK3; CFD1; ECT1; KGFR; TK14; TK25; BFR-1; K-SAM	NM_000141	FGF-R2	
FGFR3	FGFR3	ACH; CEK2; HSFGR3EX; JTK4	NM_000142	FGF-R3 wt	FGF-R3 wt
FGFR3	FGFR3	ACH; CEK2; HSFGR3EX; JTK4	NM_000142	FGF-R3 K650E	

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FGFR4	FGFR4	TKF; JTK2; MGC20292	NM_002011	FGF-R4	FGF-R4
FGR	FGR	SRC2; c-fgr; p55c-fgr	NM_005248	FGR	FGR
FLT1	FLT1	FLT; VEGFR1	NM_002019	VEGF-R1	VEGF-R1
FLT3	FLT3	FLK2; STK1; CD135	NM_004119	FLT3 wt	FLT3 wt
FLT3	FLT3	FLK2; STK1; CD135	NM_004119	FLT3 D835Y	
FLT3	FLT3	FLK2; STK1; CD135	NM_004119	FLT3 ITD	FLT3 ITD
FLT4	FLT4	PCL; VEGFR3	NM_002020	VEGF-R3	VEGF-R3
FMS	CSF1R	C-FMS; CD115; CSFR; FIM2	NM_005211	CSF1-R	CSF1-R
FRAP	FRAP1	FRAP, FRAP2, MTOR, RAFT1, RAPT1, rapamycin target protein	NM_004958	mTOR	
FRK	FRK	GTK; PTK5; RAK	NM_002031	FRK	FRK
Fused	STK36	DKFZp434N0223; FU; KIAA1278	NM_015690		
FYN	FYN	MGC45350; SLK; SYN	NM_002037	FYN	FYN
G11	STK19	D6S60; D6S60E; D6S974E; G11; HLA-RP1	NM_032454		
GAK	GAK	MGC99654	NM_005255		
GCK	MAP4K2	BL44; GCK; RAB8IP	NM_004579	MAP4K2	
GCN2	EIF2AK4	KIAA1338	AB037759		
GPRK4	GRK4	GPRK2L; GPRK4; GRK4a; IT11	NM_005307	GRK4	
GPRK5	GRK5	n/a	NM_005308	GRK5	
GPRK6	GRK6	FLJ32135	NM_002082	GRK6	
GPRK7	GRK7	n/a	NM_139209	GRK7	
GSK3A	GSK3A	n/a	NM_019884	GSK3-alpha	
GSK3B	GSK3B	n/a	NM_002093	GSK3-beta	GSK3-beta
H11	HSPB8	DHMN2; E2IG1; HSP22	NM_014365		
<b>Haspin</b>	GSG2	n/a	NM_031965	GSG2	
HCK	HCK	JTK9	NM_002110	HCK	HCK
HER2/ErbB2	ERBB2	NEU; NGL; HER2; TKR1; HER-2	NM_004448	ERBB2	ERBB2
<b>HER3/ERBB3</b>	ERBB3	n/a	NM_001982		
HER4/ErbB4	ERBB4	n/a	NM_005235	ERBB4	ERBB4
HH498	TNNI3K	CARK; MGC33828	NM_015978		
HIPK1	HIPK1	KIAA0630; MGC26642; MGC33446; MGC33548; Myak; Nbak2	NM_152696	HIPK1	

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HIPK2	HIPK2	PRO0593	NM_022740	HIPK2	
HIPK3	HIPK3	ANPK; DYRK6; FIST; FIST3; PKY; YAK1	NM_005734	HIPK3	HIPK3
HIPK4	HIPK4	FLJ32818	NM_144685	HIPK4	
HPK1	MAP4K1	n/a	NM_007181		
HRI	EIF2AK1	EIF2AK1	NM_014413	HRI	HRI
<b>HSER</b>	GUCY2C	GUC2C; STAR	NM_004963		
HUNK	HUNK	n/a	NM_014586		
ICK	ICK	KIAA0936; LCK2; MGC46090; MRK	NM_014920		
IGF1R	IGF1R	JTK13	NM_000875	IGF1-R	IGF1-R
IKKa	CHUK	IKBKA; IKK1; IKKA; NFKBIKA; TCF16	NM_001278	IKK-alpha	
IKKb	IKBKB	IKK2; IKKB; NFKBIKB	NM_001556	IKK-beta	IKK-beta
IKKe	IKBKE	IKKE; IKKI; IKK-i; KIAA0151	NM_014002	IKK-epsilon	IKK-epsilon
ILK	ILK	P59	NM_004517		
INSR	INSR	n/a	NM_000208	INS-R	INS-R
IRAK1	IRAK1	IRAK; Pelle	NM_001569	IRAK1	
<b>IRAK2</b>	IRAK2	n/a	NM_001570		
IRAK3	IRAK3	IRAK-M	NM_007199		
IRAK4	IRAK4	REN64; NY-REN-64	NM_016123	IRAK4	IRAK4
IRE1	ERN1	FLJ30999; IRE1; IRE1P	NM_001433		
IRE2	ERN2	IRE1b	NM_033266		
IRR	INSRR	n/a	NM_014215	INSR-R	
ITK	ITK	EMT 2; LYK 2; PSCTK2 2; IL2-inducible T-cell kinase	NM_005546	ITK	ITK
JAK1	JAK1	JAK1A; JAK1B	NM_002227	JAK1*	
JAK2	JAK2	n/a	NM_004972	JAK2*	JAK2*
JAK3	JAK3	JAKL; L-JAK; LJAK	NM_000215	JAK3	JAK3
JNK1	MAPK8	JNK; JNK1A2; JNK21B1/2; PRKM8; SAPK1	NM_002750	JNK1	JNK1
JNK2	MAPK9	JNK-55; JNK2A; JNK2ALPHA; JNK2B; JNK2BETA; PRKM9; p54aSAPK	NM_002752	JNK2	JNK2
JNK3	MAPK10	JNK3A; PRKM10; p493F12; FLJ12099; p54bSAPK	NM_002753	JNK3	JNK3
KDR	KDR	FLK1; VEGFR; VEGFR2	NM_002253	VEGF-R2	VEGF-R2

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KHS1	MAP4K5	GCKR; KHS; MAPKKKK5	NM_006575	MAP4K5	
KHS2	MAP4K3	GLK; MAPKKKK3; RAB8IPL1	NM_003618		
KIS	UHMK1	Kist	NM_144624		
KIT	KIT	PBT; SCFR; CD117; cKIT; c-Kit	NM_000222	KIT wt	KIT wt
KIT	KIT	PBT; SCFR; CD117; cKIT; c-Kit	NM_000222	KIT T670I	KIT T670I
<b>KSR1</b>	KSR1	RSU2	XM_290793		
<b>KSR2</b>	KSR2	FLJ25965	NM_173598		
LATS1	LATS1	WARTS; wts; LATS	NM_004690		
LATS2	LATS2	FLJ13161; LATS	NM_014572		
LCK	LCK	n/a	NM_005356	LCK	LCK
LIMK1	LIMK1	LIMK	NM_002314	LIMK1	
LIMK2	LIMK2	n/a	NM_005569	LIMK2	
LKB1	STK11	PJS	NM_000455		
LMR1	AATK	LMTK1; AATYK; KIAA0641	AB014541		
LMR2	LMTK2	KIAA1079; KPI-2; KPI2; LMR2; cprk	NM_014916		
LMR3	LMTK3	KIAA1883; LMR3; TYKLM3	XM_055866		
LOK	STK10	PRO2729	NM_005990		
LRRK1	LRRK1	FLJ23119; KIAA1790	NM_024652		
LRRK2	LRRK2	PARK8, ROCO2; FLJ45829; DKFZp434H2111	XM_058513	LRRK2 G2019S	
LRRK2	LRRK2	PARK8; ROCO2; FLJ45829; DKFZp434H2111	XM_058513	LRRK2 wt	
LRRK2	LRRK2	PARK8, ROCO2; FLJ45829; DKFZp434H2111	XM_058513	LRRK2 I2020T	
LRRK2	LRRK2	PARK8, ROCO2; FLJ45829; DKFZp434H2111	XM_058513	LRRK2 R1441C	
LTK	LTK	TYK1	NM_002344	LTK	
LYN	LYN	JTK8	NM_002350	LYN	LYN
LZK	MAP3K13	n/a	NM_004721		
MAK	MAK	dJ417M14.2	NM_005906		
MAP2K1	MAP2K1	MAPKK1; MKK1; PRKMK1	NM_002755	MEK1	MEK1
MAP2K2	MAP2K2	MAPKK2; MKK2; PRKMK2; MEK2	NM_030662	MEK2	
MAP2K3	MAP2K3	MAPKK3; MEK3; MKK3; PRKMK3	NM_002756		
MAP2K4	MAP2K4	JNKK; JNKK1; MAPKK4; MEK4; MKK4; PRKMK4; SEK1; SERK; SAPK	NM_003010		

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MAP2K5	MAP2K5	HsT17454; MAPKK5; MEK5; PRKMK5	NM_145160		
MAP2K6	MAP2K6	MAPKK6; MEK6; MKK6; PRKMK6; SAPKK3	NM_002758	MKK6 S207D/T211D	MKK6 S207D/T211D
MAP2K7	MAP2K7	Jnkk2; MAPKK7; MKK7; PRKMK7	NM_145185		
MAP3K1	MAP3K1	MAPKKK1; MEKK; MEKK1;	XM_042066		
MAP3K2	MAP3K2	MEKK2; MEKK2B	NM_006609	MEKK2	
MAP3K3	MAP3K3	MAPKKK3; MEKK3	NM_002401	MEKK3	
MAP3K4	MAP3K4	KIAA0213; MAPKKK4; MEKK4; MTK1; PRO0412	NM_006724		
MAP3K5	MAP3K5	ASK1; MAPKKK5; MEKK5	NM_005923	ASK1	
MAP3K6	MAP3K6	ASK2; MAPKKK6; MGC20114	NM_004672		
MAP3K7	MAP3K7	TAK1; TGF1a	NM_003188	MAP3K7/MAP3K7 IP1	
MAP3K8	YSK4	RCK	NM_025052		
MAPKAPK2	MAPKAPK2	n/a	NM_004759	MAPKAPK2	MAPKAPK2
MAPKAPK3	MAPKAPK3	3PK; MAPKAP; MAPKAP3	NM_004635	MAPKAPK3	MAPKAPK3
MAPKAPK5	MAPKAPK5	PRAK	NM_003668	MAPKAPK5	MAPKAPK5
MARK1	MARK1	KIAA1477	NM_018650	MARK1	MARK1
MARK2	MARK2	EMK1; MGC99619; PAR-1; ELKL motif kinase 1	NM_004954	MARK2	
MARK3	MARK3	CTAK1; KP78; PAR1A	NM_002376	MARK3	MARK3
MARK4	MARK4	KIAA1860; MARKL1	NM_031417	MARK4	
MAST1	MAST1	9430008B02Rik; KIAA0973; SAST; SAST170	NM_014975		
MAST2	MAST2	KIAA0807; MAST205; MTSSK; RP4-533D7.1	NM_015112		
MAST3	MAST3	KIAA0561	XM_038150		
MAST4	MAST4	KIAA0303	XM_291141		
MASTL	MASTL	FLJ14813; RP11-85G18.2; THC2	NM_032844		
MELK	MELK	KIAA0175	NM_014791	MELK	MELK
MER	MERTK	c-mer	NM_006343	MERTK	
MET	MET	HGFR; RCCP2	NM_000245	MET wt	MET wt
MET	MET	HGFR; RCCP2	NM_000245	MET M1250T	MET M1250T
MET	MET	HGFR; RCCP2	NM_000245	MET Y1230A	MET Y1230A
MET	MET	HGFR; RCCP2	NM_000245	MET Y1230H	MET Y1230H

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MET	MET	HGFR; RCCP2	NM_000245	MET F1200I	MET F1200I
MET	MET	HGFR; RCCP2	NM_000245	MET Y1230D	MET Y1230D
MET	MET	HGFR; RCCP2	NM_000245	MET Y1230C	MET Y1230C
MISR2	AMHR2	AMHR; MISRII	NM_020547		
MLK1	MAP3K9	PRKE1, MEKK9	NM_033141	MAP3K9	
MLK2	MAP3K10	MST, MEKK10	NM_002446	MAP3K10	
MLK3	MAP3K11	MGC17114; MLK-3; PTK1; SPRK	NM_002419	MAP3K11	
MLK4	n/a	KIAA1804	NM_032435		
<b>MLKL</b>	MLKL	FLJ34389	NM_152649		
MNK1	MKNK1	n/a	NM_003684	MKNK1	
MNK2	MKNK2	GPRK7	NM_017572	MKNK2	
MOK	RAGE	RAGE1, MOK	NM_014226		
MOS	MOS	MSV	NM_005372		
MPSK1	STK16	KRCT; MPSK; PKL12	NM_003691	TSF1	TSF1
MRCKa	CDC42BPA	MRCK-alpha	NM_003607	CDC42BPA	
MRCKb	CDC42BPB	MRCK-beta, MRCKb	NM_006035	CDC42BPB	CDC42BPB
MSK1	RPS6KA5	EC 2.7.11.,MGC1911, MSK1, MSPK1,RLPK, RSKL	NM_004755	RPS6KA5	
MSK2	RPS6KA4	RSK-B, MSK2	NM_003942	RPS6KA4	
MSSK1	SRPK3	MGC102944	NM_014370	STK23	
MST1	STK4	DKFZp686A2068; KRS2	NM_006282	MST1	MST1
MST2	STK3	KRS1	NM_006281	MST2	MST2
MST3	STK24	MST-3; MST3B; STK3	NM_003576	MST3	
MST4	MST4	MASK	NM_016542	MST4	MST4
MUSK	MUSK	n/a	NM_005592	MUSK	MUSK
MYO3A	MYO3A	DFNB30	NM_017433		
MYO3B	MYO3B	n/a	NM_138995		
MYT1	PKMYT1	MTF1; MYTI ; PLPB1	NM_004203		
n/a	TGM2	EC 2.3.2.13 3; TG; TG2; TGC; TGase-H	NM_004613		
NDR1	STK38	NDR; NDR-LSB	NM_007271		
NDR2	STK38L	KIAA0965; NDR2	NM_015000		
NEK1	NEK1	KIAA1901; NY-REN-55;	NM_012224	NEK1	
NEK10	NEK10	FLJ32685	NM_152534		
NEK11	NEK11	FLJ23495	NM_024800	NEK11	
NEK2	NEK2	NLK1; HsPK21; HsPK 21	NM_002497	NEK2	NEK2
NEK3	NEK3	HSPK36; MGC29949;	NM_002498	NEK3	
NEK4	NEK4	NRK2; STK2	NM_003157	NEK4	

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NEK5	NEK5	MGC75495	XM_292160		
NEK6	NEK6	SID6-1512	NM_014397	NEK6	NEK6
NEK7	NEK7	n/a	NM_133494	NEK7	NEK7
NEK8	NEK8	NEK12A	NM_178170		
NEK9	NEK9	DKFZp434D0935; MGC16714; NERCC; NERCC1; Nek8	NM_033116	NEK9	
NIK	MAP3K14	FTDCR1B; HS; HSNIK	NM_003954	NIK	NIK
NIM1	n/a	n/a	NM_153361		
NLK	NLK	n/a	NM_016231	NLK	NLK
<b>NRBP1</b>	NRBP1	BCON3; MADM; MUDPNP; NRBP	NM_013392		
<b>NRBP2</b>	NRBP2	DKFZp434P086	NM_178564		
NuaK1	NUAK1	KIAA0537	NM_014840	ARK5	ARK5
NuaK2	NUAK2	DKFZp434J037 (predicted protein only!)	NM_030952	SNARK	SNARK
Obscn	OBSCN	DKFZp666E245; FLJ14124; KIAA1556; KIAA1639; MGC120409; MGC120410; MGC120411; UNC89	NM_052843		
OSR1	OCSR1	KIAA1101	NM_005109		
p38a	MAPK14	CSBP; CSBP1; CSBP2; CSPB1; EC 2.7.11.24; EXIP; MXI2; Mxi2; PRKM14; PRKM15; RK; SAPK2A; p38; p38ALPHA	NM_001315	p38-alpha	p38-alpha
p38b	MAPK11	P38B; P38BETA2; PRKM11; SAPK2; SAPK2B; p38-2; p38Beta; p38b	NM_002751	p38-beta	p38-beta
p38d	MAPK13	PRKM13; SAPK4; p38delta	NM_002754	p38-delta	p38-delta
p38g	MAPK12	ERK-6; ERK3; ERK5; ERK6; P38GAMMA; PRKM12; SAPK-3; SAPK3; p38gamma	NM_002739	p38-gamma	p38-gamma
p70S6K	RPS6KB1	S6K1; STK14A	NM_003161	S6K	S6K
p70S6Kb	RPS6KB2	KLS; P70-BETA; P70-beta-1; P70-beta-2; S6K-beta2; S6K2; SRK; STK14B; p70(S6K)-beta; p70S6Kb	NM_003952	S6K-beta	
PAK1	PAK1	PAKalpha	NM_002576	PAK1	PAK1

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PAK2	PAK2	PAK65; PAKgamma	NM_002577	PAK2	PAK2
PAK3	PAK3	CDKN1A; MRX30; OPHN3; PAK3beta; bPAK; hPAK3	NM_002578	PAK3	PAK3
PAK4	PAK4	n/a	NM_005884	PAK4	PAK4
PAK5	PAK7	KIAA1264; MGC26232	NM_020341	PAK7	PAK7
PAK6	PAK6	PAK5	NM_020168	PAK6	PAK6
PASK	PASK	DKFZP434O051; DKFZp686P2031; KIAA0135; PASKIN; STK3	NM_015148	PASK	
PBK	PBK	TOPK; SPK; Nori-3; FLJ14385	NM_018492	PBK	PBK
PCTAIRE1	PCTK1	PCTAIRE; PCTGAIRE	NM_006201	PCTAIRE1	PCTAIRE1
PCTAIRE2	PCTK2	n/a	NM_002595		
PCTAIRE3	PCTK3	n/a	NM_002596		
PDGFRA	PDGFRA	CD140A; PDGFR2	NM_006206	PDGFR-alpha wt	PDGFR-alpha
PDGFRA	PDGFRA	CD140A; PDGFR2	NM_006206	PDGFR-alpha D842V	
PDGFRA	PDGFRA	CD140A; PDGFR2	NM_006206	PDGFR-alpha V561D	
PDGFRA	PDGFRA	CD140A; PDGFR2	NM_006206	PDGFR-alpha T674I	
PDGFRb	PDGFRB	JTK12; PDGFR; CD140B; PDGFR1; PDGF-R-beta	NM_002609	PDGFR-beta	PDGFR-beta
PDHK1	PDK1	PDPK1	NM_002610		
PDHK2	PDK2	n/a	NM_002611		
PDHK3	PDK3	n/a	NM_005391		
PDHK4	PDK4	n/a	NM_002612		
PDK1	PDPK1	PkB kinase; MGC20087; MGC35290; PRO0461	NM_002613	PDK1	PDK1
PEK	EIF2AK3	DKFZp781H1925; PEK; PERK; WRS	NM_004836	EIF2AK3	
PFTAIRE1	PFTK1	KIAA0834; PFTAIRE1	NM_012395		
PFTAIRE2	PFTK2	ALS2CR7	NM_139158		
PHKg1	PHKG1	n/a	NM_006213	PHKG1	
PHKg2	PHKG2	n/a	NM_000294	PHKG2	
PIK3R4	PIK3R4	P150; VPS15	NM_014602		
PIM1	PIM1	PIM	NM_002648	PIM1	PIM1
PIM2	PIM2	n/a	NM_006875	PIM2	PIM2
PIM3	PIM3	n/a	NM_001001852	PIM3	
PINK1	PINK1	BRPK; PARK6	NM_032409		

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PITSLRE	CDC2L1	CDK11-p110; CDK11-p46; CDK11-p58; CLK-1; PK58; p58CDC2L1; p58CLK-1	NM_001787		
PKACa	PRKACA	MGC48865; PKA C-alpha; PKACA	NM_002730	PKA	
PKACb	PRKACB	MGC41879; MGC9320; PKA C-beta	NM_002731		
PKACg	PRKACG	KAPG	NM_002732		
PKC-beta2*	PRKCB	Splicevariante von PRKCB1	X07109	PKC-beta2	PKC-beta2
PKCa	PRKCA	PKCA; PRKACA; PKC-alpha	NM_002737	PKC-alpha	PKC-alpha
PKCb	PRKCB	PKCB; PRKCB; PRKCB2; MGC41878; PKC-beta	NM_002738	PKC-beta1	PKC-beta1
PKCd	PRKCD	MAY1; MGC49908; nPKC-delta	NM_006254	PKC-delta	PKC-delta
PKCe	PRKCE	PKCE; nPKC-epsilon	NM_005400	PKC-epsilon	PKC-epsilon
PKCg	PRKCG	PKCC; PKCG; SCA14; MGC57564	NM_002739	PKC-gamma	PKC-gamma
PKCh	PRKCH	PKCL; PKC-L; PRKCL; MGC5363; MGC26269; nPKC-eta	NM_006255	PKC-eta	PKC-eta
PKCi	PRKCI	PKCI; DXS1179E; MGC26534; nPKC-iota	NM_002740	PKC-iota	PKC-iota
PKCt	PRKCQ	PRKCT; nPKC-theta	NM_006257	PKC-theta	PKC-theta
PKCz	PRKCZ	PKC2	NM_002744	PKC-zeta	PKC-zeta
PKD1	PRKD1	PKD; PKCM; PKC-MU	NM_002742	PKC-mu	PKC-mu
PKD2	PRKD2	PKD2, HSPC187	NM_016457	PRKD2	
PKD3	PRKD3	EPK2; PKC-NU; PKD3; PRKCN; nPKC-NU	NM_005813	PKC-nu	PKC-nu
PKG1	PRKG1	CGKI, MGC71944; PGK; PRKG1B; PRKGR1B; cGKI-BETA; cGKI-alpha	NM_006258	PRKG1	
PKG2	PRKG2	PRKGR2; cGKII	NM_006259	PRKG2	
PKN1	PKN1	DBK; PKN; PAK1; PRK1; PRKCL1; MGC46204	NM_002741	PRK1	PRK1
PKN2	PKN2	PRKCL2, PAK-2	NM_006256	PRK2	
PKN3	PKN3	PKNbeta; RP11-545E17.1	NM_013355		

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PKR	EIF2AK2	EIF2AK1; PKR; PRKR (previous HGNC symbol)	NM_002759	EIF2AK2	
PLK1	PLK1	PLK; STPK13	NM_005030	PLK1	PLK1
PLK2	PLK2	SNK	NM_006622	SNK	SNK
PLK3	PLK3	CNK; FNK; PRK	NM_004073	PLK3	PLK3
PLK4	PLK4	SAK; STK18	NM_014264	SAK	SAK
PRKX	PRKX	PKX1	NM_005044	PRKX	
PRKY	PRKY	n/a	NM_002760		
PRP4	PRPF4B	KIAA0536, PR4H; PRP4; PRP4H; PRP4K; dJ1013A10.1	NM_003913		
PRPK	TP53RK	C20orf64; Nori-2; Nori-2p, PRPK; dJ101A2.2	NM_033550		
PSKH1	PSKH1	n/a	NM_006742		
<b>PSKH2</b>	PSKH2	n/a	NM_033126		
PYK2	PTK2B	CADTK, CAKB, FADK2; FAK2; PKB; PTK; PYK2; RAFTK; CAK beta	NM_004103	PYK2	PYK2
QIK	SIK2	DKFZp434K1115; KIAA0781; LOH11CR1I; QIK; SNF1LK2	NM_015191	SNF1LK2	
QSK	SIK3	FLJ12240; L19; KIAA0999	NM_025164		
RAF1	RAF1	cRaf	NM_002880	RAF1 Y340D/Y341D	RAF1 Y340D/Y341D
RET	RET	PTC; MTC1; HSCR1; MEN2A; MEN2B; RET51; CDHF12	NM_020630	RET wt	RET
RET	RET	PTC; MTC1; HSCR1; MEN2A; MEN2B; RET51; CDHF12	NM_020630	RET V804L	
RET	RET	PTC; MTC1; HSCR1; MEN2A; MEN2B; RET51; CDHF12	NM_020630	RET Y791F	
RHOK	GRK1	GPRK1; RHOK (previous symbol); RK	NM_002929		
RIOK1	RIOK1	AD034; FLJ30006; MGC12903; bA288G3.1	NM_031480		
RIOK2	RIOK2	FLJ11159	NM_018343		
RIOK3	RIOK3	SUDD	NM_003831		
RIPK1	RIPK1	DCR2; TRAILR4; TRUND	NM_003840		
RIPK2	RIPK2	CARD3; CARDIAK; RICK; RIP2	NM_003821	RIPK2	RIPK2

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RIPK3	RIPK3	RIP3, receptor interacting protein 3	NM_006871		
RNAseL	RNASEL	DKFZp781D0812 6; HPC1; MGC104972; PRCA1; RNS4	NM_021133		
ROCK1	ROCK1	P160ROCK	NM_005406	ROCK1	
ROCK2	ROCK2	KIAA0619; ROC2	NM_004850	ROCK2	ROCK2
RON	MST1R	CDw136	NM_002447	RON	
ROR1	ROR1	MGC99659; NTRKR1; dJ537F10.1	NM_005012		
ROR2	ROR2	BDB, BDB1; NTRKR2	NM_004560		
ROS	ROS1	MCF3; ROS	NM_002944	ROS	
RSK1	RPS6KA2	HU-2; MAPKAPK1C; RSK3	NM_021135	RPS6KA2	
RSK2	RPS6KA3	HU-2; HU-3; ISPK-1; MAPKAPK1B; MRX19; RSK2	NM_004586	RPS6KA3	
RSK3	RPS6KA1	HU-1; MAPKAPK1A; RSK1	NM_002953	RPS6KA1	
RSK4	RPS6KA6	n/a	NM_014496	RPS6KA6	
<b>RSKL1</b>	RPS6KC1	PBX2; RPK118	NM_012424		
<b>RSKL2</b>	RPS6KL1	MGC11287	NM_031464		
RYK	RYK	D3S3195; JTK5; JTK5A; RYK1	NM_002958		
SBK	SBK1	n/a	NM_001024401		
<b>SCYL1</b>	SCYL1	GKLP; HT019; NKTL; NTKL; P105; TAPK; TEIF; TRAP	NM_020680		
<b>SCYL2</b>	SCYL2	CVAK104; FLJ10074; KIAA1360	NM_017988		
<b>SCYL3</b>	SCYL3	PACE1, PACE-1	NM_020423		
SGK	SGK1	n/a	NM_005627	SGK1	SGK1
SgK069	n/a	n/a	XM_372749		
<b>SgK071</b>	C9orf96	C9ORF96; MGC43306; RP11-244N20	NM_153710		
SgK085	MYLK4	FLJ00265	NM_001012418		
SgK110	n/a	n/a	XM_372749		
<b>SgK196</b>	n/a	n/a	NM_032237		
SGK2	SGK2	H-SGK2; dJ138B7.2	NM_016276	SGK2	
<b>SgK223</b>	n/a	n/a	XM_291277		
<b>SgK269</b>	n/a	FLJ21140; FLJ34483, PEAK1	NM_024776		
SgK288	ANKK1	PKK2	NM_178510		

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SGK3	SGK3	CISK; SGK2; SGK3; SGKL	NM_013257	SGK3	SGK3
<b>SgK307</b>	TEX14	n/a	NM_031272		
<b>SgK396</b>	STK31	TDRD8	NM_031414		
<b>SgK424</b>	n/a	n/a	XM_375602		
SgK493	n/a	n/a	XM_038576		
SgK494	n/a	n/a	NM_144610		
<b>SgK495</b>	STK40	2310004N11Rik; MGC4796; RP11-268J15.4; SHIK	NM_032017		
SgK496	DSTYK	DustyPK2310004 N11Rik; MGC4796; RP11-268J15.4; SHIK HDCMD38P; KIAA0472; RIP5	NM_015375	RIPK5	
SIK	SIK1	MSK; SNF1LK	NM_173354		
skMLCK	MYLK2	KMLC; MLCK	NM_033118	MYLK2	MYLK2
SLK	SLK	KIAA0204, STK2; bA16H23.1; se20-9	NM_014720	SLK	
<b>Slob</b>	PXK	n/a	NM_017771		
SMG1	SMG1	61E3.4; ATX; KIAA0421; LIP	NM_014006		
smMLCK	MYLK	FLJ12216; KRP; MLCK; MLCK108; MLCK210	NM_005965	MYLK	
SNRK	SNRK	DKFZp779A1866, FLJ20224; HSNFRK; KIAA0096	NM_017719		
SPEG	SPEG	APEG1; KIAA1297; MGC12676	NM_005876		
SRC	SRC	ASV; SRC1; c-SRC; p60-Src	NM_005417	SRC	SRC
SRM	SRMS	C20orf148; SRM; dJ697K14.1	NM_080823	SRMS	
SRPK1	SRPK1	SFRSK1	NM_003137	SRPK1	SRPK1
SRPK2	SRPK2	SFRSK2	NM_182692	SRPK2	SRPK2
SSTK	TSSK6	FLJ24002; SSTK; TSSK4	NM_032037		
STK33	STK33	n/a	NM_030906	STK33	
STLK3	STK39	DCHT; SPAK	NM_013233	STK39	
<b>STLK5</b>	STRADA	FLJ90524; STRAD	NM_153335		
<b>STLK6</b>	STRADB	CAB39; CALS-21; ILPIP; ILPIPA; MGC102916; PAPK; PRO1038; STK11; ALS2CR2	NM_018571		
<b>SuRTK106</b>	STYK1	DKFZP761P1010; NOK	NM_018423		
SYK	SYK	n/a	NM_003177	SYK	SYK

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TAF1	TAF1	BA2R; CCG1; CCGS; NSCL2; OF; P250; TAF2A; TAFII250	NM_138923		
TAF1L	TAF1L	TAF2A2	NM_153809		
TAK1	MAP3K7	TAK1, TGF1a; MEKK7	NM_003188		
TAO1	TAOK1	FLJ14314; KIAA1361; MAP3K16; MARKK; PSK2	NM_020791		
TAO2	TAOK2	KIAA0881; MAP3K17; PSK; PSK1; TAO1; TAO2	NM_016151	TAOK2	
TAO3	TAOK3	DKFZp666H245; DPK; JIK; MAP3K18; TAO kinase 3	NM_016281	TAOK3	TAOK3
<b>TBCK</b>	TBCK	HSPC302; MGC16169	NM_033115		
TBK1	TBK1	CDC37; FLJ11330; HSPCA; HSPCB; IKBKG; NAK; T2K; TANK; TRAF2	NM_013254	TBK1	TBK1
TEC	TEC	PSCTK4	NM_003215	TEC	
TESK1	TESK1	n/a	NM_006285		
TESK2	TESK2	n/a	NM_007170		
TGFbR1	TGFBR1	ALK5, ACVRLK4	NM_004612	TGFB-R1	TGFB-R1
TGFbR2	TGFBR2	HNPCC6; MFS2; RIIC; TGFR-2; TGFbeta-RII	NM_003242	TGFB-R2	
TIE1	TIE1	JTK14, TIE	NM_005424		
TIE2	TEK	TIE2; VMCM; TIE-2; VMCM1; CD202B	NM_000459	TIE2	TIE2
TIF1a	TRIM24	PTC6; RNF82; TF1A; TIF1; TIF1A; TIF1ALPHA; hTIF1	NM_003852		
TIF1b	TRIM28	KAP1; RNF96; TF1B; TIF1B	NM_005762		
TIF1g	TRIM33	FLJ11429; KIAA1113, PTC7; RFG7; TF1G; TIF1G; TIF1GAMMA; TIFGAMMA	NM_015906		
TLK1	TLK1	KIAA0137; PKU-BETA	NM_012290		
TLK2	TLK2	MGC44450; PKU-ALPHA	NM_006852		
TNK1	TNK1	n/a	NM_003985		

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Trad	KALRN	DUET; FLJ16443, HAPIP; Kalirin; TRAD; duo	NM_007064		
<b>Trb1</b>	TRIB1	C8FW; GIG2; SKIP1	NM_025195		
<b>Trb2</b>	TRIB2	GS3955	NM_021643		
<b>Trb3</b>	TRIB3	C20orf97; NIPK; SINK;# SKIP3; dJ1103G7.3	NM_021158		
Trio	TRIO	n/a	NM_007118		
TRKA	NTRK1	CIPA; MTC; TRK	NM_002529	TRK-A	TRK-A
TRKB	NTRK2	n/a	NM_006180	TRK-B	TRK-B
TRKC	NTRK3	n/a	NM_002530	TRK-C	TRK-C
<b>TRRAP</b>	TRRAP	FLJ10671; PAF400; TR-AP	NM_003496		
TSSK1	TSSK1	FKSG81; SPOGA4; STK22D	NM_032028	TSSK1	
TSSK2	TSSK2	DGS-G; ; SPOGA2; FLJ38613	NM_053006	TSK2	TSK2
TSSK3	TSSK3	SPOGA3; STK22C; STK22D	NM_052841		
TSSK4	TSSK4	C14orf20; STK22E; TSSK5; c14_5117	NM_174944		
TTBK1	TTBK1	KIAA1855; RP3-330M21.4	NM_032538		
TTBK2	TTBK2	KIAA0847; TTBK	NM_173500		
TTK	TTK	ESK; MPS1L1; PYT	NM_003318	TTK	TTK
<b>TTN</b>	TTN	CMD1G; CMH9; CMPD4; DKFZp451N061; FLJ32040; LGMD2J; TMD; titin	NM_003319		
TXK	TXK	BTKL; PSCTK5; PTK4; RLK	NM_003328	TXK	
TYK2	TYK2	JTK1	NM_003331	TYK2	
TYRO3	TYRO3	BYK; Brt; Dtk; Sky; Tif; RSE	NM_006293	TYRO3	TYRO3
ULK1	ULK1	UNC51; Unc51.1	NM_003565		
ULK2	ULK2	KIAA0623; Unc51.2	NM_014683		
ULK3	ULK3	FLJ90566; DKFZP434C131	NM_015518		
<b>ULK4</b>	ULK4	DKFZp434E1822; FAM7C1; FLJ20574; REC01035	NM_017886		
<b>VACAMKL</b>	CAMKV	1G5; MGC8407; VACAMKL	NM_024046		
VRK1	VRK1	n/a	NM_003384	VRK1	VRK1

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VRK2	VRK2	n/a	NM_006296		
<b>VRK3</b>	VRK3	n/a	NM_016440		
WEE1	WEE1	WEE1hu	NM_003390	WEE1	WEE1
Wee1B	WEE2	FLJ16107	AK131218		
Wnk1	WNK1	KDP; KIAA0344; PHA2C; PRKWNK1	NM_018979		
Wnk2	WNK2	KIAA1760; NY-CO-43; P/OKcl.13; PRKWNK2; SDCCAG43	NM_006648	WNK2	
Wnk3	WNK3	KIAA1566; PRKWNK3	NM_020922	WNK3	
Wnk4	WNK4	PHA2B; PRKWNK4	NM_032387		
YANK1	STK32A	YANK1; MGC22688	NM_145001		
YANK2	STK32B	HSA250839; STK32; STKG6; YANK2	NM_018401		
YANK3	STK32C	MGC23665; PKE; RP11-140A10.1	NM_173575		
YES	YES1	C-YES; HsT441; P61-YES	NM_005433	YES	YES
YSK1	STK25	DKFZp686J1430; SOK1; YSK1	NM_006374	STK25	
ZAK	n/a	MLTK; mlklak	NM_016653	ZAK	
ZAP70	ZAP70	SRK; STD; TZK; ZAP-70	NM_001079	ZAP70	ZAP70
ZC1/HGK	MAP4K4	FLH21957; FLJ20373; HGK; KIAA0687; NIK	NM_004834	MAP4K4	
ZC2/TNIK	TNIK	AD 2; KIAA0551	NM_015028		
ZC3/MINK	MINK1	B55; MAP4K6; MGC21111; MINK; ZC3; hMINK; hMINKbeta	NM_015716	MINK1	MINK1
ZC4/NRK	NRK	DKFZp686A17109; FLJ16788; NESK	NM_198465		