

Gene Symbol	Accession	Alias/Prev Symbol	Official Full Name
AAK1	NM_014911.2	KIAA1048, DKFZp686K16132	AP2 associated kinase 1 (AAK1)
AATK	NM_001080395.2	AATYK, AATYK1, KIAA0641, LMR1, LMTK1, p35BP	apoptosis-associated tyrosine kinase (AATK)
ABL1	NM_007313.2	ABL, JTK7, c-ABL, p150	v-abl Abelson murine leukemia viral oncogene homolog 1 (ABL1)
ABL2	NM_007314.3	ABLL, ARG	v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abelson-related gene) (ABL2)
ACVR1	NM_001105.2	ACVRLK2, SKR1, ALK2, ACVR1A	activin A receptor
ACVR1B	NM_004302.3	ACVRLK4, ALK4, SKR2, ActRIB	activin A receptor, type IB (ACVR1B)
ACVR1C	NM_145259.2	ACVRLK7, ALK7	activin A receptor, type IC (ACVR1C)
ACVR2A	NM_001616.3	ACVR2, ACTRII	activin A receptor
ACVR2B	NM_001106.2	ActR-IIB	activin A receptor
ACVRL1	NM_000020.1	ACVRLK1, ORW2, HHT2, ALK1, HHT	activin A receptor type II-like 1 (ACVRL1)
ADCK1	NM_020421.2	FLJ39600	aarF domain containing kinase 1 (ADCK1)
ADCK2	NM_052853.3	MGC20727	aarF domain containing kinase 2 (ADCK2)
ADCK3	NM_020247.3	CABC1, COQ8, SCAR9	chaperone, ABC1 activity of bc1 complex like (S. pombe) (CABC1)
ADCK4	NM_024876.3		aarF domain containing kinase 4 (ADCK4)
ADCK5	NM_174922.3	FLJ35454	aarF domain containing kinase 5 (ADCK5)
ADRBK1	NM_001619.2	GRK2, BARK1	adrenergic, beta, receptor kinase 1 (ADRBK1)
ADRBK2	NM_005160.2	GRK3, BARK2	adrenergic, beta, receptor kinase 2 (ADRBK2)
AKT1	NM_001014431.1	RAC, PKB, PRKBA, AKT	v-akt murine thymoma viral oncogene homolog 1 (AKT1)
AKT2	NM_001626.2		v-akt murine thymoma viral oncogene homolog 2 (AKT2)
AKT3	NM_181690.1	PKBG, RAC-gamma, PRKGB	v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma) (AKT3)
ALK	NM_004304.3	CD246	anaplastic lymphoma kinase (Ki-1) (ALK)
ALPK1	NM_025144.2	Lak, FLJ22670, KIAA1527	alpha-kinase 1 (ALPK1)
ALPK2	NM_052947.2	HAK	heart alpha-kinase (HAK)
ALPK3	NM_020778.2	MAK, KIAA1330, Midori	alpha-kinase 3 (ALPK3)
AMHR2	NM_020547.1	MISR2, MISRII	anti-Mullerian hormone receptor
ANKK1	NM_178510.1	X-kinase	ankyrin repeat and kinase domain containing 1 (ANKK1)
ARAF	NM_001654.1	ARAF1	v-raf murine sarcoma 3611 viral oncogene homolog (ARAF)
ATM	NM_000051.3	ATA, ATDC, ATC, ATD, TEL1, TELO1	ataxia telangiectasia mutated (includes complementation groups A, C and D) (ATM)
ATR	NM_001184.2	FRP1, SCKL, SCKL1, MEC1	ataxia telangiectasia and Rad3 related (ATR)
AURKA	NM_003600.2	STK15, STK6, BTAK, AurA, STK7, ARK1	aurora kinase A (AURKA)
AURKB	NM_004217.2	STK12, Aik2, IPL1, AurB, AIM-1, ARK2, STK5	aurora kinase B (AURKB)
AURKC	NM_001015878.1	STK13, AurC, ARK3	aurora kinase C (AURKC)
AXL	NM_021913.2	UFO, JTK11	AXL receptor tyrosine kinase (AXL)
BCKDK	NM_005881.1		branched chain ketoacid dehydrogenase kinase (BCKDK)
BCR	NM_004327.3	D22S11, BCR1, D22S662, CML, PHL, ALL	breakpoint cluster region (BCR)
BLK	NM_001715.2	MGC10442	B lymphoid tyrosine kinase (BLK)
BMP2K	NM_017593.3	DKFZp434K0614, BIKe	BMP2 inducible kinase (BMP2K)
BMPR1A	NM_004329.2	ACVRLK3, ALK3, CD292	bone morphogenetic protein receptor
BMPR1B	NM_001203.1	ALK6, CDw293	bone morphogenetic protein receptor
BMPR2	NM_001204.5	PPH1, BRK-3, T-ALK, BMPR3, BMPR-II	bone morphogenetic protein receptor
BMX	NM_203281.1	ETK, PSCTK3	BMX non-receptor tyrosine kinase (BMX)
BRAF	NM_004333.3	BRAF1	v-raf murine sarcoma viral oncogene homolog B1 (BRAF)
BRD2	NM_005104.2	KIAA9001, RING3, D6S113E, NAT, FSRG1	bromodomain containing 2 (BRD2)
BRD3	NM_007371.3	RP11-374P20.3, FLJ23227, FLJ41328, KIAA0043, ORFX	bromodomain containing 3 (BRD3)
BRD4	NM_014299.2	CAP, HUNK1, HUNKI, MCAP	bromodomain containing 4 (BRD4)
BRDT	NM_207189.1	BRD6, CT9	bromodomain, testis-specific (BRDT)
BRSK1	NM_032430.1	KIAA1811	BR serine/threonine kinase 1 (BRSK1)
BRSK2	NM_003957.1	C11orf7, STK29, PEN11B	BR serine/threonine kinase 2 (BRSK2)
BTK	NM_000061.1	AGMX1, IMD1, ATK, XLA, PSCTK1	Bruton agammaglobulinemia tyrosine kinase (BTK)
BUB1	NM_004336.2	BUB1L, hBUB1, BUB1A	BUB1 budding uninhibited by benzimidazoles 1 homolog (yeast) (BUB1)
BUB1B	NM_001211.4	BUBR1, MAD3L, Bub1A, SSK1	BUB1 budding uninhibited by benzimidazoles 1 homolog beta (yeast) (BUB1B)
C21orf7	NM_020152.2	TAKL, TAK1L, TAKL-1, TAKL-2, TAKL-4, HC21ORF7	chromosome 21 open reading frame 7 (C21orf7)
C9orf96	NM_153710.3	MGC43306	chromosome 9 open reading frame 96 (C9orf96)
CAMK1	NM_003656.3	CaMKI	calcium/calmodulin-dependent protein kinase I (CAMK1)
CAMK1D	NM_020397.2	CKLiK	calcium/calmodulin-dependent protein kinase ID (CAMK1D)
CAMK1G	NM_020439.2	VWS1, CLICKIII, dJ272L16.1	calcium/calmodulin-dependent protein kinase IG (CAMK1G)
CAMK2A	NM_171825.1	CAMKA, KIAA0968, CaMKIINalpha	calcium/calmodulin-dependent protein kinase (CaM kinase) II alpha (CAMK2A)
CAMK2B	NM_001220.3	CAMKB, CAM2, CAMK2	calcium/calmodulin-dependent protein kinase (CaM kinase) II beta (CAMK2B)
CAMK2D	NM_172127.1	CAMKD	calcium/calmodulin-dependent protein kinase (CaM kinase) II delta (CAMK2D)
CAMK2G	NM_172171.1	CAMKG	calcium/calmodulin-dependent protein kinase (CaM kinase) II gamma (CAMK2G)
CAMK4	NM_001744.3	CaMK-GR	calcium/calmodulin-dependent protein kinase IV (CAMK4)
CAMKK1	NM_032294.2	DKFZp761M0423, CAMKKA, MGC34095	calcium/calmodulin-dependent protein kinase kinase 1, alpha (CAMKK1)
CAMKK2	NM_006549.3	CAMKK, KIAA0787, CAMKKB, MGC15254	calcium/calmodulin-dependent protein kinase kinase 2, beta (CAMKK2)
CAMKV	NM_024046.3	MGC8407, VACAMKL	CaM kinase-like vesicle-associated (CAMKV)
CASK	NM_003688.1	TNRC8, LIN2, CAGH39, FGS4	calcium/calmodulin-dependent serine protein kinase (MAGUK family) (CASK)
CCL2	NM_002982.3	SCYA2, MCP1, MCP-1, MCAF, SMC-CF, GDCF-2, HC11, M	chemokine (C-C motif) ligand 2 (CCL2)
CDC42BPA	NM_003607.2	MRCKA, PK428, FLJ23347, KIAA0451, MRCK	CDC42 binding protein kinase alpha (DMPK-like) (CDC42BPA)
CDC42BPB	NM_006035.2	MRCKB, KIAA1124	CDC42 binding protein kinase beta (DMPK-like) (CDC42BPB)
CDC42BPG	NM_017525.1	HSMDPKIN, MRCKgamma, DMPK2, kappa-200	CDC42 binding protein kinase gamma (DMPK-like) (CDC42BPG)
CDC7	NM_003503.2	CDC7L1, Hsk1, huCdc7, HsCdc7	CDC7 cell division cycle 7 (S. cerevisiae) (CDC7)
CDK1	NM_001786.4	CDC2, CDC28A	cyclin-dependent kinase 1 (CDK1)
CDK10	NM_052987.2	PISSLRE	cyclin-dependent kinase (CDC2-like) 10 (CDK10)
CDK11A	NM_024011.1	CDC2L3, CDC2L2, PITSLRE, CDK11-p110, CDK11-p58, C	cell division cycle 2-like 2 (PITSLRE proteins) (CDC2L2)
CDK12	NM_016507.1	CRKRS, CRK7, CRKR, KIAA0904	Cdc2-related kinase, arginine/serine-rich (CRKRS)
CDK13	NM_003718.2	CDC2L5, CHED, CDC2L, KIAA1791	cell division cycle 2-like 5 (cholinesterase-related cell division controller) (CDC2L5)
CDK14	NM_012395.2	PFTK1, PFTAIRE1	PFTAIRE protein kinase 1 (PFTK1)
CDK15	NM_139158.1	ALS2CR7, PFTK2	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 7 (ALS2CR7)
CDK16	NM_006201.3	PCTK1, PCTAIRE, PCTAIRE1, PCTGAIRE, FLJ16665	PCTAIRE protein kinase 1 (PCTK1)
CDK17	NM_002595.2	PCTK2, PCTAIRE2	PCTAIRE protein kinase 2 (PCTK2)

CDK18	NM_212502.1	PCTK3	PCTAIRE protein kinase 3 (PCTK3)
CDK19	NM_015076.3	CDK11, CDC2L6, KIAA1028, BA346C16.3	cell division cycle 2-like 6 (CDK8-like) (CDC2L6)
CDK2	NM_001798.2		cyclin-dependent kinase 2 (CDK2)
CDK20	NM_012119.3	CCRK, p42	cell cycle related kinase (CCRK)
CDK3	NM_001258.1		cyclin-dependent kinase 3 (CDK3)
CDK4	NM_000075.2	PSK-J3	cyclin-dependent kinase 4 (CDK4)
CDK5	NM_004935.2	PSSALRE	cyclin-dependent kinase 5 (CDK5)
CDK6	NM_001259.5	PLSTIRE	cyclin-dependent kinase 6 (CDK6)
CDK7	NM_001799.2	CAK1, CDKN7, MO15, STK1, CAK	cyclin-dependent kinase 7 (MO15 homolog, <i>Xenopus laevis</i> , cdk-activating kinase) (CDK7)
CDK8	NM_001260.1	K35	cyclin-dependent kinase 8 (CDK8)
CDK9	NM_001261.2	CDC2L4, PITALRE, C-2k, TAK	cyclin-dependent kinase 9 (CDC2-related kinase) (CDK9)
CDKL1	NM_004196.3	KKIALRE	cyclin-dependent kinase-like 1 (CDC2-related kinase) (CDKL1)
CDKL2	NM_003948.2	P56, KKIAMRE	cyclin-dependent kinase-like 2 (CDC2-related kinase) (CDKL2)
CDKL3	NM_016508.2	NKIAMRE	cyclin-dependent kinase-like 3 (CDKL3)
CDKL4	NM_001009565.1		cyclin-dependent kinase-like 4 (CDKL4)
CDKL5	NM_001037343.1	STK9, EIEE2	cyclin-dependent kinase-like 5 (CDKL5)
CHEK1	NM_001274.2	CHK1	CHK1 checkpoint homolog (<i>S. pombe</i>) (CHEK1)
CHEK2	NM_007194.3	RAD53, CDS1, CHK2, HuCds1, PP1425, BA444G7	CHK2 checkpoint homolog (<i>S. pombe</i>) (CHEK2)
CHUK	NM_001278.3	TCF16, IKK1, IKK-alpha, IkbKA, NFKBIKA, IKKA	conserved helix-loop-helix ubiquitous kinase (CHUK)
CIT	NM_007174.1	KIAA0949, STK21, CRIK	citron (rho-interacting, serine/threonine kinase 21) (CIT)
CLK1	NM_004071.3	CLK, CLK/STY, STY	CDC-like kinase 1 (CLK1)
CLK2	NM_003993.2	clk2	CDC-like kinase 2 (CLK2)
CLK3	NM_003992.1	clk3	CDC-like kinase 3 (CLK3)
CLK4	NM_020666.2		CDC-like kinase 4 (CLK4)
COL4A3BP	NM_005713.1	GPBP, STARD11, CERT	collagen, type IV, alpha 3 (Goodpasture antigen) binding protein (COL4A3BP)
CPNE3	NM_003909.2		copine III (CPNE3)
CSF1R	NM_005211.2	FMS, C-FMS, CSFR, CD115	colony stimulating factor 1 receptor, formerly McDonough feline sarcoma viral (v-fms) or c-src tyrosine kinase (CSK)
CSK	NM_004383.1		c-src tyrosine kinase (CSK)
CSNK1A1	NM_001025105.1	CK1	casein kinase 1, alpha 1 (CSNK1A1)
CSNK1A1L	NM_145203.2	MGC33182	casein kinase 1, alpha 1-like (CSNK1A1L)
CSNK1D	NM_001893.3	HCKID	casein kinase 1, delta (CSNK1D)
CSNK1E	NM_152221.2	HCKIE	casein kinase 1, epsilon (CSNK1E)
CSNK1G1	NM_022048.3		casein kinase 1, gamma 1 (CSNK1G1)
CSNK1G2	NM_001319.5	CK1g2	casein kinase 1, gamma 2 (CSNK1G2)
CSNK1G3	NM_001031812.1		casein kinase 1, gamma 3 (CSNK1G3)
CSNK2A1	NM_177559.2		casein kinase 2, alpha 1 polypeptide (CSNK2A1)
CSNK2A2	NM_001896.2	CSNK2A1	casein kinase 2, alpha prime polypeptide (CSNK2A2)
DAPK1	NM_004938.2	DAPK	death-associated protein kinase 1 (DAPK1)
DAPK2	NM_014326.3	DRP-1, MGC119312	death-associated protein kinase 2 (DAPK2)
DAPK3	NM_001348.1	ZIP, ZIPK	death-associated protein kinase 3 (DAPK3)
DCLK1	NM_004734.4	RP11-113P14.1, CL1, CLICK1, DCAMKL1, DCDC3A, DCL	doublecortin-like kinase 1 (DCLK1)
DCLK2	NM_001040260.1	DCAMKL2, MGC45428, DCDC3, DCDC3B, DCK2	doublecortin and CaM kinase-like 2 (DCAMKL2)
DCLK3	NM_033403.1	DCAMKL3, KIAA1765, DCDC3C	doublecortin-like kinase 3 (DCLK3)
DDR1	NM_001954.4	NTRK4, PTK3A, NEP, CAK, EDDR1, RTK6, CD167	discoidin domain receptor tyrosine kinase 1 (DDR1)
DDR2	NM_001014796.1	TYRO10, NTRKR3, TKT	discoidin domain receptor family, member 2 (DDR2)
DMPK	NM_004409.2	DM, DM1, DMK, DM1PK, MDPK, MT-PK	dystrophia myotonica-protein kinase (DMPK)
DSTYK	NM_015375.1	RIPK5, KIAA0472, DustyPK, RIP5	receptor interacting protein kinase 5 (RIPK5)
DYRK1A	NM_001396.2	DYRK1, DYRK, MNBH	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A (DYRK1A)
DYRK1B	NM_006483.1	MIRK	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B (DYRK1B)
DYRK2	NM_003583.2		dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2 (DYRK2)
DYRK3	NM_003582.2	RED, REDK, hYAK3-2	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 3 (DYRK3)
DYRK4	NM_003845.1		dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 4 (DYRK4)
EEF2K	NM_013302.3	eEF-2K	eukaryotic elongation factor-2 kinase (EEF2K)
EGFR	NM_201284.1	ERBB, ERBB1	epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog 2) (EGFR)
EIF2AK1	NM_014413.2	HRI, KIAA1369	eukaryotic translation initiation factor 2-alpha kinase 1 (EIF2AK1)
EIF2AK2	NM_002759.1	PRKR, PKR, EIF2AK1	eukaryotic translation initiation factor 2-alpha kinase 2 (EIF2AK2)
EIF2AK3	NM_004836.3	PEK, PERK	eukaryotic translation initiation factor 2-alpha kinase 3 (EIF2AK3)
EIF2AK4	NM_001013703.2	GCN2, KIAA1338	eukaryotic translation initiation factor 2 alpha kinase 4 (EIF2AK4)
EPHA1	NM_005232.3	EPHT, EPHT1, EPH	EPH receptor A1 (EPHA1)
EPHA10	NM_173641.2		EPH receptor A10 (EPHA10)
EPHA2	NM_004431.2	ECK	EPH receptor A2 (EPHA2)
EPHA3	NM_005233.5	EK4, ETK, ETK1, HEK, HEK4, TYRO4	EPH receptor A3 (EPHA3)
EPHA4	NM_004438.3	TYRO1, Hek8	EPH receptor A4 (EPHA4)
EPHA5	NM_004439.4	Hek7, TYRO4, CEK7, EHK1	EPH receptor A5 (EPHA5)
EPHA6	NM_173655.2		EPH receptor A6 (EPHA6)
EPHA7	NM_004440.2	Hek11	EPH receptor A7 (EPHA7)
EPHA8	NM_020526.3	RP1-61A9.3, EEK, EK3, HEK3, KIAA1459	EPH receptor A8 (EPHA8)
EPHB1	NM_004441.3	EPHT2, Hek6	EPH receptor B1 (EPHB1)
EPHB2	NM_017449.2	DRT, ERK, EPHT3, Hek5, Tyro5	EPH receptor B2 (EPHB2)
EPHB3	NM_004443.3	ETK2, Hek2, Tyro6	EPH receptor B3 (EPHB3)
EPHB4	NM_004444.4	HTK, Tyro11	EPH receptor B4 (EPHB4)
EPHB6	NM_004445.2	HEP	EPH receptor B6 (EPHB6)
ERBB2	NM_004448.2	NGL, NEU, HER-2, CD340, HER2	v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived
ERBB3	NM_001005915.1	LCCS2, HER3	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian) (ERBB3)
ERBB4	NM_001042599.1		v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian) (ERBB4)
ERN1	NM_001433.2	IRE1, IRE1P	endoplasmic reticulum to nucleus signalling 1 (ERN1)
ERN2	NM_033266.2	IRE1b	endoplasmic reticulum to nucleus signalling 2 (ERN2)
FASTK	NM_006712.3	FAST	Fas-activated serine/threonine kinase (FASTK)
FASTKD1	NM_024622.2	FLJ21901	hypothetical protein FLJ21901 (FLJ21901)
FASTKD2	NM_014929.2	KIAA0971	KIAA0971 (KIAA0971)

FASTKD3	NM_024091.3		FAST kinase domains 3 (FASTKD3)
FASTKD5	NM_021826.4	FLJ13149	hypothetical protein FLJ13149 (FLJ13149)
FER	NM_005246.1	TYK3	fer (fps/fes related) tyrosine kinase (phosphoprotein NCP94) (FER)
FES	NM_002005.2	FPS	feline sarcoma oncogene (FES)
FGFR1	NM_015850.2	FLT2, KAL2, H2, H3, H4, H5, CEK, FLG, BFGFR, N-SAM	fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome) (F
FGFR2	NM_000141.4	KGFR, BEK, CFD1, JWS, CEK3, TK14, TK25, ECT1, K-S	fibroblast growth factor receptor 2 (FGFR2)
FGFR3	NM_000142.4	ACH, CEK2, JTK4, CD333	fibroblast growth factor receptor 3 (FGFR3)
FGFR4	NM_002011.3	JTK2, CD334	fibroblast growth factor receptor 4 (FGFR4)
FGFRL1	NM_001004356.2		fibroblast growth factor receptor-like 1 (FGFRL1)
FGR	NM_005248.1	SRC2, c-fgr, p55c-fgr	Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog (FGR)
FLJ25006	NM_144610.1		hypothetical protein FLJ25006 (FLJ25006)
FLT1	NM_001160031.1	FLT	fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability f
FLT3	NM_004119.1	STK1, FLK2, CD135	fms-related tyrosine kinase 3 (FLT3)
FLT4	NM_002020.1	VEGFR3, PCL	fms-related tyrosine kinase 4 (FLT4)
FRK	NM_002031.2	PTK5, RAK, GTK	fyn-related kinase (FRK)
FYN	NM_002037.3	SYN, SLK, MGC45350	FYN oncogene related to SRC, FGR, YES (FYN)
GAK	NM_005255.1		cyclin G associated kinase (GAK)
GRK1	NM_002929.2	RHOK, GPRK1, RK	G protein-coupled receptor kinase 1 (GRK1)
GRK4	NM_182982.2	GPRK2L, GPRK4	G protein-coupled receptor kinase 4 (GRK4)
GRK5	NM_005308.2	GPRK5	G protein-coupled receptor kinase 5 (GRK5)
GRK6	NM_001004106.1	GPRK6	G protein-coupled receptor kinase 6 (GRK6)
GRK7	NM_139209.2	GPRK7	G protein-coupled receptor kinase 7 (GRK7)
GSG2	NM_031965.2	haspin	germ cell associated 2 (haspin) (GSG2)
GSK3A	NM_019884.2		glycogen synthase kinase 3 alpha (GSK3A)
GSK3B	NM_002093.2		glycogen synthase kinase 3 beta (GSK3B)
GUCY2C	NM_004963.1	GUC2C, STAR	guanylate cyclase 2C (heat stable enterotoxin receptor) (GUCY2C)
GUCY2D	NM_000180.1	CORD6, LCA, GUC2D, GUC1A4, CORD5, retGC, RETGC	guanylate cyclase 2D, membrane (retina-specific) (GUCY2D)
GUCY2F	NM_001522.1	GUC2DL, GC-F, RetGC-2, ROS-GC2, CYGF	guanylate cyclase 2F, retinal (GUCY2F)
HCK	NM_002110.2	JTK9	hemopoietic cell kinase (HCK)
HIPK1	NM_181358.1	KIAA0630, Myak, MGC26642, Nbak2, MGC33446, MGC	homeodomain interacting protein kinase 1 (HIPK1)
HIPK2	NM_022740.4	ARHGEF24, DUET, duo, Hs.8004, Kalirin, HAPIP, TRAD	homeodomain interacting protein kinase 2 (HIPK2)
HIPK3	NM_005734.2	PKY, DYRK6, YAK1, FIST3	homeodomain interacting protein kinase 3 (HIPK3)
HIPK4	NM_144685.3	FLJ32818	homeodomain interacting protein kinase 4 (HIPK4)
HSPB8	NM_014365.2	H11, E2IG1, HSP22, HspB8	heat shock 22kDa protein 8 (HSPB8)
HUNK	NM_014586.1		hormonally upregulated Neu-associated kinase (HUNK)
HUS1	NM_004507.2		HUS1 checkpoint homolog (S. pombe) (HUS1)
ICK	NM_014920.2	MRK, LCK2, KIAA0936, MGC46090	intestinal cell (MAK-like) kinase (ICK)
IGF1R	NM_000875.2	JTK13, CD221, IGFIR, MGC18216, IGFR	insulin-like growth factor 1 receptor (IGF1R)
IKBKB	NM_001556.1	IKK2, NFKBIB, IKK-beta, IKKB	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta (IKBKB)
IKBKE	NM_014002.2	IKKE, IKK-i, KIAA0151	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon (IKBKE)
ILK	NM_004517.2		integrin-linked kinase (ILK)
INSR	NM_000208.1	CD220	insulin receptor (INSR)
INSRR	NM_014215.1	IRR	insulin receptor-related receptor (INSRR)
IRAK1	NM_001569.3	IRAK, pelle	interleukin-1 receptor-associated kinase 1 (IRAK1)
IRAK2	NM_001570.3		interleukin-1 receptor-associated kinase 2 (IRAK2)
IRAK3	NM_007199.1	IRAK-M	interleukin-1 receptor-associated kinase 3 (IRAK3)
IRAK4	NM_016123.1	NY-REN-64	interleukin-1 receptor-associated kinase 4 (IRAK4)
ITK	NM_005546.3	EMT, PSCTK2, LYK	IL2-inducible T-cell kinase (ITK)
JAK1	NM_002227.1	JAK1B, JAK1A, JTK3	Janus kinase 1 (a protein tyrosine kinase) (JAK1)
JAK2	NM_004972.2	JTK10	Janus kinase 2 (a protein tyrosine kinase) (JAK2)
JAK3	NM_000215.2	L-JAK, JAKL, LJAK, JAK3_HUMAN, JAK-3	Janus kinase 3 (a protein tyrosine kinase, leukocyte) (JAK3)
KALRN	NM_001024660.3		kalirin, RhoGEF kinase (KALRN)
KDR	NM_002253.2	FLK1, VEGFR, VEGFR2, CD309	kinase insert domain receptor (a type III receptor tyrosine kinase) (KDR)
KIAA1804	NM_032435.1		mixed lineage kinase 4 (KIAA1804)
KIT	NM_000222.1	PBT, CD117, SCFR, C-Kit	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog (KIT)
KSR1	NM_014238.1	KSR, RSU2	kinase suppressor of ras 1 (KSR1)
KSR2	NM_173598.2	FLJ25965	kinase suppressor of ras 2 (KSR2)
LATS1	NM_004690.2	WARTS	LATS, large tumor suppressor, homolog 1 (Drosophila) (LATS1)
LATS2	NM_014572.1		LATS, large tumor suppressor, homolog 2 (Drosophila) (LATS2)
LCK	NM_005356.2		lymphocyte-specific protein tyrosine kinase (LCK)
LIMK1	NM_002314.3	LIMK	LIM domain kinase 1 (LIMK1)
LIMK2	NM_001031801.1		LIM domain kinase 2 (LIMK2)
LMTK2	NM_014916.2	KIAA1079, KPI2, KPI-2, cprk, LMR2, BREK, AATYK2	lemur tyrosine kinase 2 (LMTK2)
LMTK3	NM_001080434.1	KIAA1883, LMR3, TYKLM3	lemur tyrosine kinase 3 (LMTK3)
LRRK1	NM_024652.2	FLJ23119, KIAA1790, Roco1, RIPK6	leucine-rich repeat kinase 1 (LRRK1)
LRRK2	NM_198578.2	PARK8, ROCO2, DKFZp434H2111, FLJ45829, RIPK7	leucine-rich repeat kinase 2 (LRRK2)
LTK	NM_002344.5	TYK1	leukocyte receptor tyrosine kinase (LTK)
LYN	NM_002350.1	JTK8	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog (LYN)
MAK	NM_005906.3	dJ417M14.2	male germ cell-associated kinase (MAK)
MAP2K1	NM_002755.2	PRKMK1, MEK1, MAPKK1	mitogen-activated protein kinase kinase 1 (MAP2K1)
MAP2K2	NM_030662.2	PRKMK2, MEK2	mitogen-activated protein kinase kinase 2 (MAP2K2)
MAP2K3	NM_145109.1	PRKMK3, MEK3, MKK3, MAPKK3	mitogen-activated protein kinase kinase 3 (MAP2K3)
MAP2K4	NM_003010.2	SERK1, MEK4, JNKK1, PRKMK4, MKK4	mitogen-activated protein kinase kinase 4 (MAP2K4)
MAP2K5	NM_145160.1	PRKMK5, MEK5, MAPKK5, HsT17454	mitogen-activated protein kinase kinase 5 (MAP2K5)
MAP2K6	NM_002758.3	PRKMK6, MEK6, MKK6, SAPKK3, MAPKK6	mitogen-activated protein kinase kinase 6 (MAP2K6)
MAP2K7	NM_145185.2	PRKMK7, MKK7, JnkK2	mitogen-activated protein kinase kinase 7 (MAP2K7)
MAP3K1	NM_005921.1	MEKK1, MEKK, MAPKKK1	mitogen-activated protein kinase kinase kinase 1 (MAP3K1)
MAP3K10	NM_002446.2	MLK2, MST, MEKK10	mitogen-activated protein kinase kinase kinase 10 (MAP3K10)
MAP3K11	NM_002419.3	MLK3, PTK1, SPRK, MEKK11	mitogen-activated protein kinase kinase kinase 11 (MAP3K11)
MAP3K12	NM_006301.2	ZPK, MUK, DLK, ZPKP1, MEKK12	mitogen-activated protein kinase kinase kinase 12 (MAP3K12)

MAP3K13	NM_004721.3	LZK, MEKK13	mitogen-activated protein kinase kinase kinase 13 (MAP3K13)
MAP3K14	NM_003954.1	NIK, HSNIK, FTDCR1B, HS	mitogen-activated protein kinase kinase kinase 14 (MAP3K14)
MAP3K15	NM_001001671.1	ba723P2.3, FLJ16518	mitogen-activated protein kinase kinase kinase 15 (MAP3K15)
MAP3K2	NM_006609.3	MEKK2, MEKK2B	mitogen-activated protein kinase kinase kinase 2 (MAP3K2)
MAP3K3	NM_002401.3	MEKK3, MAPKKK3	mitogen-activated protein kinase kinase kinase 3 (MAP3K3)
MAP3K4	NM_005922.2	MEKK4, MTK1, MAPKKK4, KIAA0213	mitogen-activated protein kinase kinase kinase 4 (MAP3K4)
MAP3K5	NM_005923.3	MEKK5, MAPKKK5, ASK1	mitogen-activated protein kinase kinase kinase 5 (MAP3K5)
MAP3K6	NM_004672.3	MAPKKK6, ASK2, MEKK6	mitogen-activated protein kinase kinase kinase 6 (MAP3K6)
MAP3K7	NM_145333.1	TAK1, MEKK7	mitogen-activated protein kinase kinase kinase 7 (MAP3K7)
MAP3K8	NM_005204.2	COT, ESTF, Tpl-2, EST, c-COT, MEKK8	mitogen-activated protein kinase kinase kinase 8 (MAP3K8)
MAP3K9	NM_033141.2	MLK1, PRKE1, MEKK9	mitogen-activated protein kinase kinase kinase 9 (MAP3K9)
MAP4K1	NM_007181.3	HPK1	mitogen-activated protein kinase kinase kinase kinase 1 (MAP4K1)
MAP4K2	NM_004579.2	RAB8IP, GCK, BL44	mitogen-activated protein kinase kinase kinase kinase 2 (MAP4K2)
MAP4K3	NM_003618.2	RAB8IPL1, GLK, MAPKKK3	mitogen-activated protein kinase kinase kinase kinase 3 (MAP4K3)
MAP4K4	NM_004834.3	HGK, NIK, FLH21957	mitogen-activated protein kinase kinase kinase kinase 4 (MAP4K4)
MAP4K5	NM_006575.3	KHS1, GCKR, KHS	mitogen-activated protein kinase kinase kinase kinase 5 (MAP4K5)
MAPK1	NM_138957.2	PRKM2, PRKM1, ERK, ERK2, p41mapk, MAPK2	mitogen-activated protein kinase 1 (MAPK1)
MAPK10	NM_002753.2	PRKM10, JNK3, p493F12, p54bSAPK	mitogen-activated protein kinase 10 (MAPK10)
MAPK11	NM_002751.5	PRKM11, p38-2, p38Beta, SAPK2	mitogen-activated protein kinase 11 (MAPK11)
MAPK12	NM_002969.3	SAPK3, ERK6, PRKM12, p38gamma, SAPK-3	mitogen-activated protein kinase 12 (MAPK12)
MAPK13	NM_002754.3	PRKM13, SAPK4, p38delta	mitogen-activated protein kinase 13 (MAPK13)
MAPK14	NM_001315.1	CSPB1, CSBP1, CSBP2, PRKM14, p38, Mxi2, PRKM15	mitogen-activated protein kinase 14 (MAPK14)
MAPK15	NM_139021.2	ERK8, ERK7	mitogen-activated protein kinase 15 (MAPK15)
MAPK3	NM_001040056.1	PRKM3, ERK1, p44mapk, p44erk1	mitogen-activated protein kinase 3 (MAPK3)
MAPK4	NM_002747.3	PRKM4, Erk3-related, Erk4	mitogen-activated protein kinase 4 (MAPK4)
MAPK6	NM_002748.2	PRKM6, ERK3, p97MAPK, HsT17250	mitogen-activated protein kinase 6 (MAPK6)
MAPK7	NM_139033.1	PRKM7, BMK1, ERK5	mitogen-activated protein kinase 7 (MAPK7)
MAPK8	NM_139049.1	PRKM8, JNK, JNK1, SAPK1	mitogen-activated protein kinase 8 (MAPK8)
MAPK9	NM_139068.2	PRKM9, JNK2, p54a, SAPK	mitogen-activated protein kinase 9 (MAPK9)
MAPKAPK2	NM_004759.3		mitogen-activated protein kinase-activated protein kinase 2 (MAPKAPK2)
MAPKAPK3	NM_004635.3	3pK, MAPKAP3, 3PK	mitogen-activated protein kinase-activated protein kinase 3 (MAPKAPK3)
MAPKAPK5	NM_003668.2	PRAK	mitogen-activated protein kinase-activated protein kinase 5 (MAPKAPK5)
MARK1	NM_018650.2	MARK	MAP/microtubule affinity-regulating kinase 1 (MARK1)
MARK2	NM_017490.2	EMK1, PAR-1, Par1b	MAP/microtubule affinity-regulating kinase 2 (MARK2)
MARK3	NM_002376.4	CTAK1, KP78	MAP/microtubule affinity-regulating kinase 3 (MARK3)
MARK4	NM_031417.2	MARKL1, Nbla00650, FLJ90097, KIAA1860	MAP/microtubule affinity-regulating kinase 4 (MARK4)
MAST1	NM_014975.1	SAST, KIAA0973	microtubule associated serine/threonine kinase 1 (MAST1)
MAST2	NM_015112.1	MAST205, KIAA0807	microtubule associated serine/threonine kinase 2 (MAST2)
MAST3	NM_015016.1	KIAA0561	microtubule associated serine/threonine kinase 3 (MAST3)
MAST4	NM_015183.1	KIAA0303, LOC375449	microtubule associated serine/threonine kinase family member 4 (MAST4)
MASTL	NM_032844.1	FLJ14813, THC2	microtubule associated serine/threonine kinase-like (MASTL)
MATK	NM_139354.1	HYLTK, CTK, HYL, Lsk, CHK, HHYTK, DKFZp434N1212	megakaryocyte-associated tyrosine kinase (MATK)
MELK	NM_014791.2	KIAA0175	maternal embryonic leucine zipper kinase (MELK)
MERTK	NM_006343.2	mer, RP38	c-mer proto-oncogene tyrosine kinase (MERTK)
MET	NM_000245.2	HGFR, RCCP2	met proto-oncogene (hepatocyte growth factor receptor) (MET)
MINK1	NM_001024937.1	B55, MINK, ZC3, MAP4K6, YSK2	misshapen-like kinase 1 (zebrafish) (MINK1)
MKNK1	NM_003684.3	MNK1	MAP kinase interacting serine/threonine kinase 1 (MKNK1)
MKNK2	NM_017572.2	GPRK7, MNK2	MAP kinase interacting serine/threonine kinase 2 (MKNK2)
MLKL	NM_152649.1	FLJ34389	mixed lineage kinase domain-like (MLKL)
MOS	NM_005372.1		v-mos Moloney murine sarcoma viral oncogene homolog (MOS)
MST1R	NM_002447.1	RON, PTK8, CDw136, CD136	macrophage stimulating 1 receptor (c-met-related tyrosine kinase) (MST1R)
MST4	NM_001042453.1		serine/threonine protein kinase MST4 (MST4)
MTOR	NM_004958.2	FRAP, FRAP2, FRAP1, RAFT1, RAP1, FLJ44809	FK506 binding protein 12-rapamycin associated protein 1 (FRAP1)
MUSK	NM_005592.1		muscle, skeletal, receptor tyrosine kinase (MUSK)
MYLK	NM_053032.2	MLCK, smMLCK, MYLK1, MLCK1	myosin, light polypeptide kinase (MYLK)
MYLK2	NM_033118.2	skMLCK, KMLC, MLCK2	myosin light chain kinase 2, skeletal muscle (MYLK2)
MYLK3	NM_182493.1	caMLCK, MLCK	MLCK protein (MLCK)
MYLK4	NM_001012418.1	SgK085	hypothetical protein LOC340156 (LOC340156)
MYO3A	NM_017433.3	DFNB30	myosin IIIA (MYO3A)
MYO3B	NM_001083615.1		myosin IIIB (MYO3B)
NEK1	NM_012224.2	KIAA1901, NY-REN-55	NIMA (never in mitosis gene a)-related kinase 1 (NEK1)
NEK10	NM_001031741.1	FLJ32685	NIMA (never in mitosis gene a)- related kinase 10 (NEK10)
NEK11	NM_024800.4		NIMA (never in mitosis gene a)- related kinase 11 (NEK11)
NEK2	NM_002497.3	NLK1, NEK2A	NIMA (never in mitosis gene a)-related kinase 2 (NEK2)
NEK3	NM_002498.1	HSPK36, MGC29949	NIMA (never in mitosis gene a)-related kinase 3 (NEK3)
NEK4	NM_003157.4	NRK2; STK2; pp12301; MGC33171	NIMA (never in mitosis gene a)-related kinase 4 (NEK4)
NEK5	NM_199289.1		NIMA (never in mitosis gene a)-related kinase 5 (NEK5)
NEK6	NM_014397.3	SID6-1512	NIMA (never in mitosis gene a)-related kinase 6 (NEK6)
NEK7	NM_133494.1		NIMA (never in mitosis gene a)-related kinase 7 (NEK7)
NEK8	NM_178170.2	NPHP9	NIMA (never in mitosis gene a)- related kinase 8 (NEK8)
NEK9	NM_033116.3	Nek8, NERCC, DKFZp434D0935, MGC16714	NIMA (never in mitosis gene a)- related kinase 9 (NEK9)
NIM1	NM_153361.2		hypothetical protein MGC42105 (MGC42105)
NLK	NM_016231.2		nemo-like kinase (NLK)
NPR1	NM_000906.2	ANPRA, NPRA, GUCY2A, ANPa	natriuretic peptide receptor A/guanylate cyclase A (natriuretic peptide receptor A)
NPR2	NM_003995.3	ANPRB, NPRB, AMDM, GUCY2B, ANPb	natriuretic peptide receptor B/guanylate cyclase B (natriuretic peptide receptor B)
NRBP1	NM_013392.2	NRBP, BCON3, MUDPNP, MADM	nuclear receptor binding protein 1 (NRBP1)
NRBP2	NM_178564.2	DKFZp434P086	nuclear receptor binding protein 2 (NRBP2)
NRK	NM_198465.1	DKFZp686A17109	Nik related kinase (NRK)
NTRK1	NM_001012331.1	TRK, TRKA, MTC	neurotrophic tyrosine kinase, receptor, type 1 (NTRK1)
NTRK2	NM_001007097.1	TRKB	neurotrophic tyrosine kinase, receptor, type 2 (NTRK2)

NTRK3	NM_001012338.1	TRKC	neurotrophic tyrosine kinase, receptor, type 3 (NTRK3)
NUAK1	NM_014840.2	ARK5, KIAA0537, NuaK1	NUAK family, SNF1-like kinase, 1 (NUAK1)
NUAK2	NM_030952.1	SNARK, FLJ90349	NUAK family, SNF1-like kinase, 2 (NUAK2)
OBSCN	NM_052843.2	KIAA1556, UNC89, KIAA1639, ARHGEF30	obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF (OBSCN)
OXSRI	NM_005109.2	OSR1, KIAA1101	oxidative-stress responsive 1 (OXSRI)
PAK1	NM_002576.3		p21/Cdc42/Rac1-activated kinase 1 (STE20 homolog)
PAK2	NM_002577.3	PAK65, PAKgamma	p21 (CDKN1A)-activated kinase 2 (PAK2)
PAK3	NM_002578.2	MRX30, MRX47, hPAK3, bPAK	p21 (CDKN1A)-activated kinase 3 (PAK3)
PAK4	NM_005884.3		p21(CDKN1A)-activated kinase 4 (PAK4)
PAK6	NM_020168.3	PAK5	p21(CDKN1A)-activated kinase 6 (PAK6)
PAK7	NM_177990.1	KIAA1264, PAK5	p21(CDKN1A)-activated kinase 7 (PAK7)
PAN3	NM_175854.5		PAN3 polyA specific ribonuclease subunit homolog (<i>S. cerevisiae</i>) (PAN3)
PASK	NM_015148.2	PASKIN, KIAA0135, STK37	PAS domain containing serine/threonine kinase (PASK)
PBK	NM_018492.2	TOPK, FLJ14385, Nori-3, SPK, CT84	PDZ binding kinase (PBK)
PDGFRA	NM_006206.3	CD140a, PDGFR2	platelet-derived growth factor receptor, alpha polypeptide (PDGFRA)
PDGFRB	NM_002609.3	PDGFR, JTK12, CD140b, PDGFR1	platelet-derived growth factor receptor, beta polypeptide (PDGFRB)
PDIK1L	NM_152835.1	CLIK1L	PDLIM1 interacting kinase 1 like (PDIK1L)
PDK1	NM_002610.3		pyruvate dehydrogenase kinase, isozyme 1 (PDK1), nuclear gene encoding mitochondria
PDK2	NM_002611.3	PDHK2	pyruvate dehydrogenase kinase, isozyme 2 (PDK2)
PDK3	NM_005391.1		pyruvate dehydrogenase kinase, isozyme 3 (PDK3)
PDK4	NM_002612.3		pyruvate dehydrogenase kinase, isozyme 4 (PDK4)
PDPK1	NM_002613.3	PDK1	3-phosphoinositide dependent protein kinase-1 (PDPK1)
PEAK1	NM_024776.2		NKF3 kinase family member (SGK269)
PHKG1	NM_006213.3	PHKG	phosphorylase kinase, gamma 1 (muscle) (PHKG1)
PHKG2	NM_000294.1		phosphorylase kinase, gamma 2 (testis) (PHKG2)
PIK3R4	NM_014602.1	VPS15, p150	phosphoinositide-3-kinase, regulatory subunit 4, p150 (PIK3R4)
PIM1	NM_002648.2	PIM	pim-1 oncogene (PIM1)
PIM2	NM_006875.2		pim-2 oncogene (PIM2)
PIM3	NM_001001852.2		pim-3 oncogene (PIM3)
PINK1	NM_032409.2	PARK6	PTEN induced putative kinase 1 (PINK1), nuclear gene encoding mitochondrial protein
PKDCC	NM_138370.1	Sgk493, Vlk	hypothetical protein BC007901 (LOC91461)
PKMYT1	NM_004203.3	MYT1	protein kinase, membrane associated tyrosine/threonine 1 (PKMYT1)
PKN1	NM_213560.1	PRKCL1, DBK, PRK1, PKN, MGC46204, PAK1	protein kinase N1 (PKN1)
PKN2	NM_006256.1	PRKCL2, PRK2, Pak-2	protein kinase N2 (PKN2)
PKN3	NM_013355.3	PKNbeta	protein kinase N3 (PKN3)
PLK1	NM_005030.3	PLK	polo-like kinase 1 (<i>Drosophila</i>) (PLK1)
PLK2	NM_006622.2	SNK	polo-like kinase 2 (<i>Drosophila</i>) (PLK2)
PLK3	NM_004073.2	CNK, FNK, PRK	polo-like kinase 3 (<i>Drosophila</i>) (PLK3)
PLK4	NM_014264.4	STK18, Sak	polo-like kinase 4 (PLK4)
PNCK	NM_001039582.1	MGC45419, CaMK1b	pregnancy upregulated non-ubiquitously expressed CaM kinase (PNCK)
PRKAA1	NM_006251.5	AMPKa1	protein kinase, AMP-activated, alpha 1 catalytic subunit (PRKAA1)
PRKAA2	NM_006252.2	PRKAA, AMPK	protein kinase, AMP-activated, alpha 2 catalytic subunit (PRKAA2)
PRKACA	NM_002730.3	PKACa	protein kinase, cAMP-dependent, catalytic, alpha (PRKACA)
PRKACB	NM_182948.2	PKACb	protein kinase, cAMP-dependent, catalytic, beta (PRKACB)
PRKACG	NM_002732.2	PKACg	protein kinase, cAMP-dependent, catalytic, gamma (PRKACG)
PRKCA	NM_002737.2	PKCA	protein kinase C, alpha (PRKCA)
PRKCB	NM_212535.1	PRKCB2, PKCB, PRKCB1	protein kinase C, beta 1 (PRKCB1)
PRKCD	NM_006254.3		protein kinase C, delta (PRKCD)
PRKCE	NM_005400.2		protein kinase C, epsilon (PRKCE)
PRKCG	NM_002739.3	PKCG, SCA14, PKCC, MGC57564	protein kinase C, gamma (PRKCG)
PRKCH	NM_006255.3	PRKCL, PKC-L, PKCL	protein kinase C, eta (PRKCH)
PRKCI	NM_002740.4	DXS1179E, PKCI	protein kinase C, iota (PRKCI)
PRKCQ	NM_006257.2		protein kinase C, theta (PRKCQ)
PRKCZ	NM_002744.4	PKC2	protein kinase C, zeta (PRKCZ)
PRKD1	NM_002742.1	PRKCM, PKCM, PKD, PKC-mu	protein kinase D1 (PRKD1)
PRKD2	NM_001079882.1	PKD2, HSPC187, DKFZP586E0820	protein kinase D2 (PRKD2)
PRKD3	NM_005813.3	PRKCN, EPK2	protein kinase D3 (PRKD3)
PRKDC	NM_006904.6	HYRC, HYRC1, DNPK1, p350, DNAPK, XRCC7, DNA-PKc	protein kinase, DNA-activated, catalytic polypeptide (PRKDC)
PRKG1	NM_006258.1	PRKGR1B, PRKG1B, PGK, PKG	protein kinase, cGMP-dependent, type I (PRKG1)
PRKG2	NM_006259.1	cGKII, PRKGR2	protein kinase, cGMP-dependent, type II (PRKG2)
PRKX	NM_005044.1	PKX1	protein kinase
PRKY	NM_002760.3		protein kinase
PRPF4B	NM_003913.4	Prp4, PR4H, KIAA0536	PRP4 pre-mRNA processing factor 4 homolog B (yeast) (PRPF4B)
PSKH1	NM_006742.1		protein serine kinase H1 (PSKH1)
PSKH2	NM_033126.1		protein serine kinase H2 (PSKH2)
PTK2	NM_005607.3	FAK, FADK, FAK1	PTK2 protein tyrosine kinase 2 (PTK2)
PTK2B	NM_004103.3	FAK2, CAKB, PYK2, RAFTK, PTK, CADTK	PTK2B protein tyrosine kinase 2 beta (PTK2B)
PTK6	NM_005975.2	BRK	PTK6 protein tyrosine kinase 6 (PTK6)
PTK7	NM_152881.2	CCK4	PTK7 protein tyrosine kinase 7 (PTK7)
PXK	NM_017771.2	FLJ20335	PX domain containing serine/threonine kinase (PXK)
RAF1	NM_002880.2	Raf-1, c-Raf, CRAF	v-raf-1 murine leukemia viral oncogene homolog 1 (RAF1)
RAGE	NM_014226.1	MOK, RAGE1	renal tumor antigen (RAGE)
RET	NM_020630.4	HSCR1, MEN2A, MTC1, MEN2B, PTC, CDHF12, RET51,	ret proto-oncogene (RET)
RIOK1	NM_153005.1	AD034, FLJ30006, bA288G3.1, RRP10	RIO kinase 1 (yeast) (RIOK1)
RIOK2	NM_018343.1	FLJ11159	RIO kinase 2 (yeast) (RIOK2)
RIOK3	NM_003831.2	SUDD	RIO kinase 3 (yeast) (RIOK3)
RIPK1	NM_003804.3	RIP	receptor (TNFRSF)-interacting serine-threonine kinase 1 (RIPK1)
RIPK2	NM_003821.5	RICK, RIP2, CARDIAK, CARD3	receptor-interacting serine-threonine kinase 2 (RIPK2)
RIPK3	NM_006871.3	RIP3	receptor-interacting serine-threonine kinase 3 (RIPK3)
RIPK4	NM_020639.2	ANKRD3, DIK, ANKK2, RIP4	receptor-interacting serine-threonine kinase 4 (RIPK4)

RNASEL	NM_021133.2	RNS4, PRCA1	ribonuclease L (2'
ROCK1	NM_005406.1	p160ROCK	Rho-associated, coiled-coil containing protein kinase 1 (ROCK1)
ROCK2	NM_004850.3		Rho-associated, coiled-coil containing protein kinase 2 (ROCK2)
ROR1	NM_005012.2	NTRKR1	receptor tyrosine kinase-like orphan receptor 1 (ROR1)
ROR2	NM_004560.2	NTRKR2, BDB, BDB1	receptor tyrosine kinase-like orphan receptor 2 (ROR2)
ROS1	NM_002944.2	MCF3, ROS, c-ros-1	v-ros UR2 sarcoma virus oncogene homolog 1 (avian) (ROS1)
RPS6KA1	NM_002953.3	RSK, RSK1, HU-1	ribosomal protein S6 kinase, 90kDa, polypeptide 1 (RPS6KA1)
RPS6KA2	NM_021135.4	RSK, RSK3, HU-2	ribosomal protein S6 kinase, 90kDa, polypeptide 2 (RPS6KA2)
RPS6KA3	NM_004586.2	MRX19, CLS, RSK, RSK2, HU-3	ribosomal protein S6 kinase, 90kDa, polypeptide 3 (RPS6KA3)
RPS6KA4	NM_003942.2	RSK-B, MSK2	ribosomal protein S6 kinase, 90kDa, polypeptide 4 (RPS6KA4)
RPS6KA5	NM_004755.2	MSK1, RLPK	ribosomal protein S6 kinase, 90kDa, polypeptide 5 (RPS6KA5)
RPS6KA6	NM_014496.1	RSK4	ribosomal protein S6 kinase, 90kDa, polypeptide 6 (RPS6KA6)
RPS6KB1	NM_003161.2	STK14A, S6K1, p70(S6K)-alpha, PS6K	ribosomal protein S6 kinase, 70kDa, polypeptide 1 (RPS6KB1)
RPS6KB2	NM_003952.2	p70S6Kb, P70-BETA, STK14B, KLS	ribosomal protein S6 kinase, 70kDa, polypeptide 2 (RPS6KB2)
RPS6KC1	NM_012424.2	humS6PKh1	ribosomal protein S6 kinase, 52kDa, polypeptide 1 (RPS6KC1)
RPS6KL1	NM_031464.3	MGC11287	ribosomal protein S6 kinase-like 1 (RPS6KL1)
RYK	NM_001005861.1	JTK5A, D3S3195, RYK1, JTK5	RYK receptor-like tyrosine kinase (RYK)
SBK1	NM_001024401.2	Sbk	SH3-binding domain kinase 1 (SBK1)
SBK2	NM_001101401.1		similar to protein kinase Bsk146 (LOC646643)
SCYL1	NM_020680.2	NTKL, HT019, P105, GKL, NKTL, TAPK, TRAP, TEIF, M	SCY1-like 1 (S. cerevisiae) (SCYL1)
SCYL2	NM_017988.4	KIAA1360	SCY1-like 2 (S. cerevisiae) (SCYL2)
SCYL3	NM_020423.4	PACE-1, PACE1	SCY1-like 3 (S. cerevisiae) (SCYL3)
SGK1	NM_005627.2	SGK	serum/glucocorticoid regulated kinase (SGK)
SGK110	NM_001199824.2		putative uncharacterized serine/threonine-protein kinase Sgk110-like (SGK110)
SGK196	NM_032237.2		hypothetical protein FLJ23356 (FLJ23356)
SGK2	NM_170693.1		serum/glucocorticoid regulated kinase 2 (SGK2)
SGK223	NM_001080826.1	PRAGMIN; DKFZp761P0423	homolog of rat pragma of Rnd2 (PRAGMIN)
SGK3	NM_013257.3	SGK2, SGK1	serum/glucocorticoid regulated kinase family, member 3 (SGK3)
SGK494	NM_001174103.1		uncharacterized serine/threonine-protein kinase Sgk494 (SGK494)
SIK1	NM_173354.2	SNF1LK, msk	SNF1-like kinase (SNF1LK)
SIK2	NM_015191.1	SNF1LK2, KIAA0781, QIK, DKFZp434K1115, LOH11CR1	SNF1-like kinase 2 (SNF1LK2)
SIK3	NM_025164.3	FLJ12240, L19, KIAA0999, QSK	KIAA0999 protein (KIAA0999)
SLK	NM_014720.2	STK2, se20-9, KIAA0204	STE20-like kinase (yeast) (SLK)
SMG1	NM_015092.3	LIP, KIAA0421, ATX	PI-3-kinase-related kinase SMG-1 (SMG1)
SNRK	NM_017719.3	FLJ20224, HSNFRK, KIAA0096	SNF related kinase (SNRK)
SPEG	NM_005876.4	APEG-1, APEG1, BPEG, KIAA1297, MGC12676, SPEGalp	SPEG complex locus (SPEG)
SRC	NM_005417.3	SRC1, ASV, c-src	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian) (SRC)
SRMS	NM_080823.2	C20orf148, SRM, dJ697K14.1	src-related kinase lacking C-terminal regulatory tyrosine and N-terminal myristylation site
SRPK1	NM_003137.3	SFRSK1	SFRS protein kinase 1 (SRPK1)
SRPK2	NM_182692.1	SFRSK2	SFRS protein kinase 2 (SRPK2)
SRPK3	NM_014370.2	STK23, MSSK1	serine/threonine kinase 23 (STK23)
STK10	NM_005990.2	LOK, PRO2729	serine/threonine kinase 10 (STK10)
STK11	NM_000455.4	PJS, LKB1	serine/threonine kinase 11 (STK11)
STK16	NM_003691.2	PKL12, MPSK	serine/threonine kinase 16 (STK16)
STK17A	NM_004760.1	DRAK1	serine/threonine kinase 17a (apoptosis-inducing) (STK17A)
STK17B	NM_004226.2	DRAK2	serine/threonine kinase 17b (apoptosis-inducing) (STK17B)
STK19	NM_004197.1	D6S60, G11, RP1	serine/threonine kinase 19 (STK19)
STK24	NM_001032296.1	MST-3, MST3, MST3B, STK3, STE20	serine/threonine kinase 24 (STE20 homolog, yeast) (STK24)
STK25	NM_006374.3	SOK1, YSK1	serine/threonine kinase 25 (STE20 homolog)
STK3	NM_006281.1	MST2, KRS1	serine/threonine kinase 3 (STE20 homolog)
STK31	NM_031414.2	TDRD8, Sgk396	serine/threonine kinase 31 (STK31)
STK32A	NM_145001.1	MGC22688, YANK1	serine/threonine kinase 32A (STK32A)
STK32B	NM_018401.1	STKG6, YANK2, STK32, HSA250839	serine/threonine kinase 32B (STK32B)
STK32C	NM_173575.2	PKE, MGC23665, YANK3	serine/threonine kinase 32C (STK32C)
STK33	NM_030906.2		serine/threonine kinase 33 (STK33)
STK35	NM_080836.2	ba55008.2, CLIK1	serine/threonine kinase 35 (STK35)
STK36	NM_015690.2	KIAA1278, FU	serine/threonine kinase 36 (fused homolog, Drosophila) (STK36)
STK38	NM_007271.2	NDR	serine/threonine kinase 38 (STK38)
STK38L	NM_015000.1	KIAA0965, NDR2	serine/threonine kinase 38 like (STK38L)
STK39	NM_013233.2	DCHT, SPAK	serine threonine kinase 39 (STE20/SPS1 homolog)
STK4	NM_006282.2	MST1, KRS2, YSK3	serine/threonine kinase 4 (STK4)
STK40	NM_032017.1	MGC4796, Sgk495	serine/threonine kinase 40 (STK40)
STRADA	NM_001003787.1	NY-BR-96, LYK5, Stlk, STRAD	protein kinase LYK5 (LYK5)
STRADB	NM_018571.4	ALS2CR2, CALS-21, PAPK, ILPIPA, ILPIP	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 2 (ALS2CR2)
STYK1	NM_018423.1	SuRTK106, DKFZp761P1010, NOK	serine/threonine/tyrosine kinase 1 (STYK1)
SYK	NM_003177.3		spleen tyrosine kinase (SYK)
TAF1	NM_004606.2	TAF2A, BA2R, CCG1, CCG5, DYT3, NSCL2, TAFII250, K	TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 250kDa (TAF1)
TAF1L	NM_153809.1		TAF1-like RNA polymerase II, TATA box binding protein (TBP)-associated factor, 210kDa (TAF1L)
TAOK1	NM_020791.1	KIAA1361, MARKK, PSK2, MAP3K16, FLJ14314, TAO1	TAO kinase 1 (TAOK1)
TAOK2	NM_004783.2	TAO1, KIAA0881, PSK, PSK1, TAO2, MAP3K17	TAO kinase 2 (TAOK2)
TAOK3	NM_016281.2	JIK, DPK, MAP3K18	TAO kinase 3 (TAOK3)
TBCK	NM_033115.2	MGC16169, HSPC302	hypothetical protein MGC16169 (MGC16169)
TBK1	NM_013254.2	NAK	TANK-binding kinase 1 (TBK1)
TBRG4	NM_004749.2	Cpr2, KIAA0948, H_TG2522F11.8, FASTKD4	transforming growth factor beta regulator 4 (TBRG4)
TEC	NM_003215.1	PSCTK4	tec protein tyrosine kinase (TEC)
TEK	NM_000459.2	VMCM, TIE2, TIE-2, VMCM1, CD202b	TEK tyrosine kinase, endothelial (venous malformations, multiple cutaneous and mucos
TESK1	NM_006285.2		testis-specific kinase 1 (TESK1)
TESK2	NM_007170.1		testis-specific kinase 2 (TESK2)
TEX14	NM_198393.2	CT113	testis expressed sequence 14 (TEX14)
TGFBR1	NM_004612.2	ALK-5, ACVRLK4	transforming growth factor, beta receptor I (activin A receptor type II-like kinase, 53kDa

TGFBR2	NM_001024847.1	MFS2	transforming growth factor, beta receptor II (70/80kDa) (TGFBR2)
TIE1	NM_005424.2	TIE, JTK14	tyrosine kinase with immunoglobulin-like and EGF-like domains 1 (TIE1)
TLK1	NM_012290.4	KIAA0137, PKU-beta	tousled-like kinase 1 (TLK1)
TLK2	NM_006852.2	PKU-ALPHA, MGC44450	tousled-like kinase 2 (TLK2)
TNIK	NM_001161560.1	KIAA0551	TRAF2 and NCK interacting kinase (TNIK)
TNK1	NM_003985.1		tyrosine kinase, non-receptor, 1 (TNK1)
TNK2	NM_005781.4	p21cdc42Hs, ACK, ACK1	tyrosine kinase, non-receptor, 2 (TNK2)
TNNI3K	NM_015978.1	CARK	TNNI3 interacting kinase (TNNI3K)
TP53RK	NM_033550.3	C20orf64, dJ101A2.2, prpk, Nori-2p, BUD32	TP53 regulating kinase (TP53RK)
TRIB1	NM_025195.2	C8FW, GIG2, TRB1	tribbles homolog 1 (Drosophila) (TRIB1)
TRIB2	NM_021643.1	TRB2, GS3955	tribbles homolog 2 (Drosophila) (TRIB2)
TRIB3	NM_021158.3	C20orf97, dJ1103G7.3, TRB3	tribbles homolog 3 (Drosophila) (TRIB3)
TRIM24	NM_015905.2	PTC6, RNF82, TF1A, TIF1, TIF1A, TIF1ALPHA, hTIF1	tripartite motif-containing 24 (TRIM24)
TRIM28	NM_005762.2	KAP1, RNF96, TF1B, TIF1B	tripartite motif-containing 28 (TRIM28)
TRIM33	NM_033020.2	ECTO, FLJ32925, PTC7, RFG7, TF1G, TIF1G, TIF1GAM	tripartite motif-containing 33 (TRIM33)
TRIO	NM_007118.2	ARHGEF23	triple functional domain (PTPRF interacting) (TRIO)
TRPM6	NM_017662.3	HOMG, HSH, CHAK2, FLJ22628	transient receptor potential cation channel, subfamily M, member 6 (TRPM6)
TRPM7	NM_017672.2	CHAK1, LTRPC7, TRP-PLIK	transient receptor potential cation channel, subfamily M, member 7 (TRPM7)
TRRAP	NM_003496.2	PAF350/400, PAF400, STAF40, TR-AP, Tra1	transformation/transcription domain-associated protein (TRRAP)
TSSK1B	NM_032028.2	STK22D, TSSK1, SPOGA4, FKSG81	testis-specific serine kinase 1 (TSSK1)
TSSK2	NM_053006.4	STK22B, SPOGA2, FLJ38613	testis-specific serine kinase 2 (TSSK2)
TSSK3	NM_052841.3	STK22C, SPOGA3	testis-specific serine kinase 3 (TSSK3)
TSSK4	NM_174944.2	C14orf20, STK22E	testis-specific serine kinase 4 (TSSK4)
TSSK6	NM_032037.2	SSTK, FLJ24002, CT72	testis-specific serine kinase 6 (TSSK6)
TTBK1	NM_032538.1	KIAA1855	tau tubulin kinase 1 (TTBK1)
TTBK2	NM_173500.2	SCA11, KIAA0847	tau tubulin kinase 2 (TTBK2)
TTK	NM_003318.3	MPS1L1, CT96	TTK protein kinase (TTK)
TTN	NM_133432.1	CMD1G, CMPD4, FLJ32040, TMD, CMH9, LGMD2J	titin (TTN)
TXK	NM_003328.1	PTK4, TKL, PSCTK5, BTKL, RLK	TXK tyrosine kinase (TXK)
TYK2	NM_003331.3	JTK1	tyrosine kinase 2 (TYK2)
TYRO3	NM_006293.2	RSE, Dtk, Brt, Tif, Sky	TYRO3 protein tyrosine kinase (TYRO3)
UHMK1	NM_175866.2	KIS, Kist	U2AF homology motif (UHM) kinase 1 (UHMK1)
ULK1	NM_003565.1	ATG1, ATG1A	unc-51-like kinase 1 (C. elegans) (ULK1)
ULK2	NM_014683.2	KIAA0623, Unc51.2, ATG1B	unc-51-like kinase 2 (C. elegans) (ULK2)
ULK3	NM_001099436.1	DKFZP434C131, FLJ90566	unc-51-like kinase 3 (C. elegans) (ULK3)
ULK4	NM_017886.2	FLJ20574, REC01035, FAM7C1	unc-51-like kinase 4 (C. elegans) (ULK4)
VRK1	NM_003384.2		vaccinia related kinase 1 (VRK1)
VRK2	NM_006296.3		vaccinia related kinase 2 (VRK2)
VRK3	NM_016440.3		vaccinia related kinase 3 (VRK3)
WEE1	NM_003390.3		WEE1 homolog (S. pombe) (WEE1)
WEE2	NM_001105558.1	WEE1B; FLJ16107	WEE1 homolog 2 (S. pombe) (WEE2)
WNK1	NM_018979.1	PRKWNK1, HSN2, HSN2	WNK lysine deficient protein kinase 1 (WNK1)
WNK2	NM_006648.3	SDCCAG43, PRKWNK2, NY-CO-43, KIAA1760	WNK lysine deficient protein kinase 2 (WNK2)
WNK3	NM_020922.2	PRKWNK3	WNK lysine deficient protein kinase 3 (WNK3)
WNK4	NM_032387.3	PRKWNK4	WNK lysine deficient protein kinase 4 (WNK4)
YES1	NM_005433.3	Yes, c-yes, HsT441	v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1 (YES1)
YSK4	NM_025052.3	FLJ23074	yeast Sps1/Ste20-related kinase 4 (S. cerevisiae) (YSK4)
ZAK	NM_016653.2		sterile alpha motif and leucine zipper containing kinase AZK (ZAK)
ZAP70	NM_001079.3	SRK, ZAP-70, STD	zeta-chain (TCR) associated protein kinase 70kDa (ZAP70)
CLTC	NM_004859.2	CLTCL2, Hc	clathrin, heavy polypeptide (Hc) (CLTC)
G6PD	NM_000402.2	G6PD1	glucose-6-phosphate dehydrogenase (G6PD), nuclear gene encoding mitochondrial prote
GAPDH	NM_002046.3	GAPD	glyceraldehyde-3-phosphate dehydrogenase (GAPDH)
GUSB	NM_000181.1		glucuronidase, beta (GUSB)
HPRT1	NM_000194.1	HPRT, HGPRT	hypoxanthine phosphoribosyltransferase 1 (Lesch-Nyhan syndrome) (HPRT1)
PGK1	NM_000291.2		phosphoglycerate kinase 1 (PGK1)
SDHA	NM_004168.1	SDH2, FP, SDHF	succinate dehydrogenase complex, subunit A, flavoprotein (Fp) (SDHA), nuclear gene enc
TUBB	NM_178014.2	OK/SW-cl.56, MGC16435, M40, Tubb5	tubulin, beta (TUBB)