

Kinases

esiRNA ID	Gene Name	Gene Description	Ensembl ID
HU-08403-1	AAK1	AP2 associated kinase 1	ENSG00000115977
HU-15023-1	AATK	apoptosis-associated tyrosine kinase	ENSG00000181409
HU-07626-1	ABCC1	ATP-binding cassette, sub-family C (CFTR	ENSG00000103222
HU-14129-1	ABL1	c-abl oncogene 1, non-receptor tyrosine kinase	ENSG00000097007
HU-01494-1	ABL2	v-abl Abelson murine leukemia viral oncogene homolog 2	ENSG00000143322
HU-05817-1	AC013461.1	Mitogen-activated protein kinase kinase kinase MLT	ENSG00000091436
HU-04915-1	AC107883.1	Pseudopodium-enriched atypical kinase 1	ENSG00000173517
HU-01734-1	AC114947.1	serine/threonine-protein kinase NIM1	ENSG00000177453
HU-02382-1	ACVR1	activin A receptor, type I	ENSG00000115170
HU-03197-1	ACVR1B	activin A receptor, type IB	ENSG00000135503
HU-14572-1	ACVR1C	activin A receptor, type IC	ENSG00000123612
HU-02860-1	ACVR2A	activin A receptor, type IIA	ENSG00000121989
HU-05741-1	ACVR2B	activin A receptor, type IIB	ENSG00000114739
HU-05827-1	ACVRL1	activin A receptor type II-like 1	ENSG00000139567
HU-07692-1	ADCK1	aarF domain containing kinase 1	ENSG00000063761
HU-15440-1	ADCK2	aarF domain containing kinase 2	ENSG00000133597
HU-15041-1	ADCK3	aarF domain containing kinase 3	ENSG00000163050
HU-12367-1	ADCK4	aarF domain containing kinase 4	ENSG00000123815
HU-15195-1	ADCK5	aarF domain containing kinase 5	ENSG00000261694
HU-09268-1	ADK	adenosine kinase	ENSG00000156110
HU-04796-1	ADRBK1	adrenergic, beta, receptor kinase 1	ENSG00000173020
HU-15605-1	ADRBK2	adrenergic, beta, receptor kinase 2	ENSG00000100077
HU-11510-1	AGK	acylglycerol kinase	ENSG00000006530
HU-00880-1	AK1	adenylate kinase 1	ENSG00000106992
HU-11410-1	AK2	adenylate kinase 2	ENSG00000004455
HU-06943-1	AK3	adenylate kinase 3	ENSG00000147853
HU-11408-1	AK4	adenylate kinase 4	ENSG00000162433
HU-07639-1	AK5	adenylate kinase 5	ENSG00000154027
HU-04086-1	AK7	adenylate kinase 7	ENSG00000140057
HU-12427-1	AKAP13	A kinase (PRKA) anchor protein 13	ENSG00000170776
HU-00303-1	AKD1	adenylate kinase domain containing 1	ENSG00000155085
HU-08350-1	AKT1	v-akt murine thymoma viral oncogene homolog 1	ENSG00000142208
HU-07747-1	AKT2	v-akt murine thymoma viral oncogene homolog 2	ENSG00000105221
HU-06720-1	AKT3	v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma)	ENSG00000117020
HU-03700-1	ALDH18A1	aldehyde dehydrogenase 18 family, member A1	ENSG00000059573
HU-09021-1	ALPK1	alpha-kinase 1	ENSG00000073331
HU-10064-1	ALPK2	alpha-kinase 2	ENSG00000198796
HU-12192-1	ALPK3	alpha-kinase 3	ENSG00000136383
HU-01858-1	AMHR2	anti-Mullerian hormone receptor, type II	ENSG00000135409
HU-03768-1	ANKK1	ankyrin repeat and kinase domain containing 1	ENSG00000170209
HU-03822-1	ARAF	v-raf murine sarcoma 3611 viral oncogene homolog	ENSG00000078061
HU-08952-1	ATM	ataxia telangiectasia mutated	ENSG00000149311
HU-04034-1	ATR	ataxia telangiectasia and Rad3 related	ENSG00000175054
HU-00147-1	AURKB	aurora kinase B	ENSG00000178999
HU-08146-1	AXL	AXL receptor tyrosine kinase	ENSG00000167601
HU-07677-1	BAIAP2	BAI1-associated protein 2	ENSG00000175866
HU-08644-1	BCKDK	branched chain ketoacid dehydrogenase kinase	ENSG00000103507
HU-09489-1	BCR	breakpoint cluster region	ENSG00000186716
HU-14299-1	BLK	B lymphoid tyrosine kinase	ENSG00000136573
HU-07668-1	BMP2K	BMP2 inducible kinase	ENSG00000138756
HU-10598-1	BMPR1A	bone morphogenetic protein receptor, type IA	ENSG00000107779
HU-10381-1	BMPR2	bone morphogenetic protein receptor, type II (serine	ENSG00000204217
HU-06671-1	BMX	BMX non-receptor tyrosine kinase	ENSG00000102010
HU-12740-1	BRAF	v-raf murine sarcoma viral oncogene homolog B1	ENSG00000157764
HU-10802-1	BRD2	bromodomain containing 2	ENSG00000204256
HU-15145-1	BRD3	bromodomain containing 3	ENSG00000169925
HU-07675-1	BRD4	bromodomain containing 4	ENSG00000141867
HU-11678-1	BRDT	bromodomain, testis-specific	ENSG00000137948
HU-13274-1	BRSK1	BR serine	ENSG00000160469
HU-13249-1	BTK	Bruton agammaglobulinemia tyrosine kinase	ENSG0000010671
HU-01483-1	BUB1	budding uninhibited by benzimidazoles 1 homolog (yeast)	ENSG00000169679
HU-05210-1	BUB1B	budding uninhibited by benzimidazoles 1 homolog beta (yeast)	ENSG00000156970
HU-07716-1	CALM1	calmodulin 1 (phosphorylase kinase, delta)	ENSG00000198668
HU-11016-1	CALM2	calmodulin 2 (phosphorylase kinase, delta)	ENSG00000143933
HU-14352-1	CALM3	calmodulin 3 (phosphorylase kinase, delta)	ENSG00000160014
HU-03925-1	CAMK1	calcium	ENSG00000134072
HU-07572-1	CAMK1D	calcium	ENSG00000183049
HU-06337-1	CAMK1G	calcium	ENSG00000008118
HU-06810-1	CAMK2A	calcium	ENSG00000070808
HU-05919-1	CAMK2B	calcium	ENSG00000058404
HU-06308-1	CAMK2G	calcium	ENSG00000148660
HU-11924-1	CAMK4	calcium	ENSG00000152495
HU-06229-1	CAMKK1	calcium	ENSG00000004660
HU-08385-1	CAMKK2	calcium	ENSG00000110931
HU-06560-1	CAMKV	CaM kinase-like vesicle-associated	ENSG00000164076
HU-07495-1	CASK	calcium	ENSG00000147044
HU-01223-1	CCT2	chaperonin containing TCP1, subunit 2 (beta)	ENSG00000166226
HU-11533-1	CDC14B	CDC14 cell division cycle 14 homolog B (S. cerevisiae)	ENSG00000081377
HU-15875-1	CDC42BPA	CDC42 binding protein kinase alpha (DMPK-like)	ENSG00000143776
HU-10143-1	CDC42BPB	CDC42 binding protein kinase beta (DMPK-like)	ENSG00000198752
HU-13320-1	CDC42BPG	CDC42 binding protein kinase gamma (DMPK-like)	ENSG00000171219
HU-01216-1	CDC7	cell division cycle 7 homolog (S. cerevisiae)	ENSG00000097046
HU-09935-1	CDK1	cyclin-dependent kinase 1	ENSG00000170312
HU-09405-1	CDK10	cyclin-dependent kinase 10	ENSG00000185324
HU-02180-1	CDK12	cyclin-dependent kinase 12	ENSG00000167258
HU-06477-1	CDK13	cyclin-dependent kinase 13	ENSG00000065883
HU-08733-1	CDK14	cyclin-dependent kinase 14	ENSG00000058091
HU-13635-1	CDK15	cyclin-dependent kinase 15	ENSG00000138395
HU-06343-1	CDK16	cyclin-dependent kinase 16	ENSG00000102225
HU-03570-1	CDK17	cyclin-dependent kinase 17	ENSG00000059758
HU-07455-1	CDK18	cyclin-dependent kinase 18	ENSG00000117266
HU-06157-1	CDK19	cyclin-dependent kinase 19	ENSG00000155111
HU-06176-1	CDK2	cyclin-dependent kinase 2	ENSG00000123374
HU-06196-1	CDK20	cyclin-dependent kinase 20	ENSG00000156345
HU-22086-1	CDK3	cyclin-dependent kinase 3	ENSG00000250506
HU-07051-1	CDK4	cyclin-dependent kinase 4	ENSG00000135446

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HU-14709-1	CDK5	cyclin-dependent kinase 5	ENSG00000164885
HU-04754-1	CDK5R1	cyclin-dependent kinase 5, regulatory subunit 1 (p35)	ENSG00000176749
HU-03307-1	CDK6	cyclin-dependent kinase 6	ENSG00000105810
HU-10856-1	CDK7	cyclin-dependent kinase 7	ENSG00000134058
HU-02398-1	CDK8	cyclin-dependent kinase 8	ENSG00000132964
HU-05348-1	CDK9	cyclin-dependent kinase 9	ENSG00000136807
HU-04227-1	CDKL2	cyclin-dependent kinase-like 2 (CDC2-related kinase)	ENSG00000138769
HU-05616-1	CDKL3	cyclin-dependent kinase-like 3	ENSG00000006837
HU-10269-1	CDKL4	cyclin-dependent kinase-like 4	ENSG00000205111
HU-04812-1	CDKL5	cyclin-dependent kinase-like 5	ENSG00000008086
HU-02072-1	CERK	ceramide kinase	ENSG00000100422
HU-15066-1	CERKL	ceramide kinase-like	ENSG00000188452
HU-05614-1	CHEK1	checkpoint kinase 1	ENSG00000149554
HU-15848-1	CHEK2	checkpoint kinase 2	ENSG00000183765
HU-06627-1	CHKA	choline kinase alpha	ENSG00000110721
HU-11667-1	CHKB	choline kinase beta	ENSG00000100288
HU-22947-1	CHUK	conserved helix-loop-helix ubiquitous kinase	ENSG00000213341
HU-00638-1	CIT	citron (rho-interacting, serine	ENSG00000122966
HU-15397-1	CKB	creatine kinase, brain	ENSG00000166165
HU-00665-1	CKM	creatine kinase, muscle	ENSG00000104879
HU-11157-1	CKMT1A	creatine kinase, mitochondrial 1A	ENSG00000223572
HU-10810-1	CKS2	CDC28 protein kinase regulatory subunit 2	ENSG00000123975
HU-09508-1	CLK1	CDC-like kinase 1	ENSG00000013441
HU-14063-1	CLK2	CDC-like kinase 2	ENSG00000176444
HU-16073-1	CLK3	CDC-like kinase 3	ENSG00000179335
HU-02727-1	CLK4	CDC-like kinase 4	ENSG00000113240
HU-00508-1	CMPK1	cytidine monophosphate (UMP-CMP) kinase 1, cytosolic	ENSG00000162368
HU-05755-1	COASY	CoA synthase	ENSG00000068120
HU-06968-1	COL4A3BP	collagen, type IV, alpha 3 (Goodpasture antigen) binding protein	ENSG00000113163
HU-06707-1	CRKL	v-crk sarcoma virus CT10 oncogene homolog (avian)-like	ENSG00000099942
HU-05266-1	CSF1R	colony stimulating factor 1 receptor	ENSG00000182578
HU-15680-1	CSK	c-src tyrosine kinase	ENSG00000103653
HU-09319-1	CSNK1A1	casein kinase 1, alpha 1	ENSG00000113712
HU-14852-1	CSNK1A1L	casein kinase 1, alpha 1-like	ENSG00000180138
HU-07378-1	CSNK1G1	casein kinase 1, gamma 1	ENSG00000169118
HU-08115-1	CSNK1G2	casein kinase 1, gamma 2	ENSG00000133275
HU-13468-1	CSNK1G3	casein kinase 1, gamma 3	ENSG00000151292
HU-15685-1	CSNK2A1	casein kinase 2, alpha 1 polypeptide	ENSG00000101266
HU-01117-1	CSNK2A2	casein kinase 2, alpha prime polypeptide	ENSG00000070770
HU-09067-1	DAK	dihydroxyacetone kinase 2 homolog (S. cerevisiae)	ENSG00000149476
HU-01541-1	DAPK1	death-associated protein kinase 1	ENSG00000196730
HU-03603-1	DAPK2	death-associated protein kinase 2	ENSG00000035664
HU-11991-1	DAPK3	death-associated protein kinase 3	ENSG00000167657
HU-00074-1	DCK	deoxycytidine kinase	ENSG00000156136
HU-06376-1	DCLK1	doublecortin-like kinase 1	ENSG00000133083
HU-08970-1	DCLK2	doublecortin-like kinase 2	ENSG00000170390
HU-02208-1	DCLK3	doublecortin-like kinase 3	ENSG00000163673
HU-11323-1	DDR1	discoidin domain receptor tyrosine kinase 1	ENSG00000204580
HU-04783-1	DDR2	discoidin domain receptor tyrosine kinase 2	ENSG00000162733
HU-08288-1	DGKA	diacylglycerol kinase, alpha 80kDa	ENSG00000065357
HU-05408-1	DGKB	diacylglycerol kinase, beta 90kDa	ENSG00000136267
HU-02192-1	DGKD	diacylglycerol kinase, delta 130kDa	ENSG00000077044
HU-03134-1	DGKE	diacylglycerol kinase, epsilon 64kDa	ENSG00000153933
HU-07726-1	DGKG	diacylglycerol kinase, gamma 90kDa	ENSG00000058866
HU-07284-1	DGKH	diacylglycerol kinase, eta	ENSG00000102780
HU-04622-1	DGKI	diacylglycerol kinase, iota	ENSG00000157680
HU-08695-1	DGKQ	diacylglycerol kinase, theta 110kDa	ENSG00000145214
HU-08775-1	DGUOK	deoxyguanosine kinase	ENSG00000114956
HU-13531-1	DLG1	discs, large homolog 1 (Drosophila)	ENSG00000075711
HU-02774-1	DLG3	discs, large homolog 3 (Drosophila)	ENSG00000082458
HU-07173-1	DLG4	discs, large homolog 4 (Drosophila)	ENSG00000132535
HU-05341-1	DLG5	discs, large homolog 5 (Drosophila)	ENSG00000151208
HU-09919-1	DMPK	dystrophia myotonica-protein kinase	ENSG00000104936
HU-13335-1	DSTYK	dual serine/threonine and tyrosine protein kinase	ENSG00000133059
HU-11029-1	DTYMK	deoxythymidylate kinase (thymidylate kinase)	ENSG00000168393
HU-06132-1	DYRK1A	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A	ENSG00000157540
HU-07681-1	DYRK1B	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B	ENSG00000105204
HU-12295-1	DYRK2	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2	ENSG00000127334
HU-05679-1	DYRK3	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 3	ENSG00000143479
HU-03735-1	DYRK4	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 4	ENSG0000010219
HU-03387-1	EEF2K	eukaryotic elongation factor-2 kinase	ENSG00000103319
HU-07676-1	EGFR	epidermal growth factor receptor	ENSG00000146648
HU-01112-1	EIF2AK1	eukaryotic translation initiation factor 2-alpha kinase 1	ENSG00000086232
HU-12786-1	EIF2AK2	eukaryotic translation initiation factor 2-alpha kinase 2	ENSG00000055332
HU-03088-1	EIF2AK3	eukaryotic translation initiation factor 2-alpha kinase 3	ENSG00000172071
HU-05395-1	EIF2AK4	eukaryotic translation initiation factor 2 alpha kinase 4	ENSG00000128829
HU-01790-1	EPHA1	EPH receptor A1	ENSG00000146904
HU-07505-1	EPHA2	EPH receptor A2	ENSG00000142627
HU-00280-1	EPHA3	EPH receptor A3	ENSG00000044524
HU-04147-1	EPHA4	EPH receptor A4	ENSG00000116106
HU-16101-1	EPHA5	EPH receptor A5	ENSG00000145242
HU-13383-1	EPHB1	EPH receptor B1	ENSG00000154928
HU-06051-1	EPHB2	EPH receptor B2	ENSG00000133216
HU-12145-1	EPHB3	EPH receptor B3	ENSG00000182580
HU-07978-1	EPHB4	EPH receptor B4	ENSG00000196411
HU-13202-1	EPHB6	EPH receptor B6	ENSG00000106123
HU-07875-1	ERBB2	v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro	ENSG00000141736
HU-03096-1	ERBB3	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian)	ENSG00000065361
HU-00272-1	ERN1	endoplasmic reticulum to nucleus signaling 1	ENSG00000178607
HU-06801-1	ERN2	endoplasmic reticulum to nucleus signaling 2	ENSG00000134398
HU-06271-1	ETNK1	ethanolamine kinase 1	ENSG00000139163
HU-05853-1	EVI5L	ecotropic viral integration site 5-like	ENSG00000142459
HU-10026-1	FASTK	Fas-activated serine	ENSG00000164896
HU-01199-1	FER	fer (fps)	ENSG00000151422
HU-04877-1	FES	feline sarcoma oncogene	ENSG00000182511
HU-10042-1	FGFR1	fibroblast growth factor receptor 1	ENSG00000077782
HU-12563-1	FGFR2	fibroblast growth factor receptor 2	ENSG00000066468

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HU-09524-1	FGFR3	fibroblast growth factor receptor 3	ENSG00000068078
HU-08549-1	FGFR4	fibroblast growth factor receptor 4	ENSG00000160867
HU-09922-1	FGGY	FGGY carbohydrate kinase domain containing	ENSG00000172456
HU-05644-1	FGR	Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog	ENSG00000000938
HU-00544-1	FLT1	fms-related tyrosine kinase 1 (vascular endothelial growth factor	ENSG00000102755
HU-02069-1	FLT3	fms-related tyrosine kinase 3	ENSG00000122025
HU-14364-1	FLT4	fms-related tyrosine kinase 4	ENSG00000037280
HU-02725-1	FN3K	fructosamine 3 kinase	ENSG00000167363
HU-03757-1	FRK	fyn-related kinase	ENSG00000111816
HU-00483-1	FUK	fucokinase	ENSG00000157353
HU-06249-1	FYN	FYN oncogene related to SRC, FGR, YES	ENSG0000010810
HU-15838-1	GAK	cyclin G associated kinase	ENSG00000178950
HU-15635-1	GALK1	galactokinase 1	ENSG00000108479
HU-15386-1	GALK2	galactokinase 2	ENSG00000156958
HU-15207-1	GCK	glucokinase (hexokinase 4)	ENSG00000106633
HU-12797-1	GK	glycerol kinase	ENSG00000198814
HU-11609-1	GK2	glycerol kinase 2	ENSG00000196475
HU-01955-1	GNE	glucosamine (UDP-N-acetyl)-2-epimerase	ENSG00000159921
HU-08531-1	GPR125	G protein-coupled receptor 125	ENSG00000152990
HU-07088-1	GRK4	G protein-coupled receptor kinase 4	ENSG00000125388
HU-14174-1	GRK5	G protein-coupled receptor kinase 5	ENSG00000198873
HU-11557-1	GRK6	G protein-coupled receptor kinase 6	ENSG00000198055
HU-04079-1	GSK3A	glycogen synthase kinase 3 alpha	ENSG00000105723
HU-07945-1	GSK3B	glycogen synthase kinase 3 beta	ENSG00000082701
HU-13647-1	GUK1	guanylate kinase 1	ENSG00000143774
HU-02779-1	HCK	hemopoietic cell kinase	ENSG00000101336
HU-04052-1	HERC2	HECT and RLD domain containing E3 ubiquitin protein ligase 2	ENSG00000128731
HU-12273-1	HIPK1	homeodomain interacting protein kinase 1	ENSG00000163349
HU-13525-1	HIPK2	homeodomain interacting protein kinase 2	ENSG00000064393
HU-01994-1	HIPK3	homeodomain interacting protein kinase 3	ENSG00000110422
HU-15162-1	HIPK4	homeodomain interacting protein kinase 4	ENSG00000160396
HU-08988-1	HK1	hexokinase 1	ENSG00000156515
HU-05273-1	HK3	hexokinase 3 (white cell)	ENSG00000160883
HU-06827-1	HKDC1	hexokinase domain containing 1	ENSG00000156510
HU-16079-1	HSPB8	heat shock 22kDa protein 8	ENSG00000152137
HU-02388-1	HUNK	hormonally up-regulated Neu-associated kinase	ENSG00000142149
HU-09185-1	ICK	intestinal cell (MAK-like) kinase	ENSG00000112144
HU-02886-1	IGF1R	insulin-like growth factor 1 receptor	ENSG00000140443
HU-00777-1	IKBKB	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta	ENSG00000104365
HU-14329-1	IKBKE	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon	ENSG00000143466
HU-03227-1	IKBKG	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma	ENSG00000073009
HU-14327-1	ILK	integrin-linked kinase	ENSG00000166333
HU-09184-1	INSR	insulin receptor	ENSG00000171105
HU-03212-1	IP6K1	inositol hexakisphosphate kinase 1	ENSG00000176095
HU-07393-1	IP6K2	inositol hexakisphosphate kinase 2	ENSG00000068745
HU-07905-1	IP6K3	inositol hexakisphosphate kinase 3	ENSG00000161896
HU-14775-1	IPMK	inositol polyphosphate multikinase	ENSG00000151151
HU-09329-1	IRAK1	interleukin-1 receptor-associated kinase 1	ENSG00000184216
HU-05366-1	IRAK2	interleukin-1 receptor-associated kinase 2	ENSG00000134070
HU-05311-1	IRAK3	interleukin-1 receptor-associated kinase 3	ENSG00000090376
HU-14578-1	IRAK4	interleukin-1 receptor-associated kinase 4	ENSG00000198001
HU-01891-1	ITK	IL2-inducible T-cell kinase	ENSG00000113263
HU-06319-1	ITPK1	inositol-tetrakisphosphate 1-kinase	ENSG00000100605
HU-01477-1	ITPKA	inositol-trisphosphate 3-kinase A	ENSG00000137825
HU-03936-1	ITPKB	inositol-trisphosphate 3-kinase B	ENSG00000143772
HU-15372-1	ITPKC	inositol-trisphosphate 3-kinase C	ENSG00000086544
HU-08487-1	JAK1	Janus kinase 1	ENSG00000162434
HU-13088-1	JAK2	Janus kinase 2	ENSG00000096968
HU-09710-1	JAK3	Janus kinase 3	ENSG00000105639
HU-06114-1	KALRN	kalirin, RhoGEF kinase	ENSG00000160145
HU-15561-1	KDR	kinase insert domain receptor (a type III receptor tyrosine kinase)	ENSG00000128052
HU-00084-1	KIT	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog	ENSG00000157404
HU-13969-1	KSR1	kinase suppressor of ras 1	ENSG00000141068
HU-14144-1	KSR2	kinase suppressor of ras 2	ENSG00000171435
HU-05578-1	LATS2	LATS, large tumor suppressor, homolog 2 (Drosophila)	ENSG00000150457
HU-06481-1	LCK	lymphocyte-specific protein tyrosine kinase	ENSG00000182866
HU-07330-1	LIMK1	LIM domain kinase 1	ENSG00000106683
HU-14739-1	LIMK2	LIM domain kinase 2	ENSG00000182541
HU-15106-1	LMTK3	lemur tyrosine kinase 3	ENSG00000142235
HU-00769-1	LRGUK	leucine-rich repeats and guanylate kinase domain containing	ENSG00000155530
HU-05621-1	LRRK1	leucine-rich repeat kinase 1	ENSG00000154237
HU-09859-1	LRRK2	leucine-rich repeat kinase 2	ENSG00000188906
HU-16112-1	LTK	leukocyte receptor tyrosine kinase	ENSG00000062524
HU-08996-1	LYN	v-yes-1 Yamaguchi sarcoma viral related oncogene homolog	ENSG00000254087
HU-15739-1	MAG11	membrane associated guanylate kinase, WW and PDZ domain containing 1	ENSG00000151276
HU-07662-1	MAGI2	membrane associated guanylate kinase, WW and PDZ domain containing 2	ENSG00000187391
HU-06138-1	MAK	male germ cell-associated kinase	ENSG00000111837
HU-00214-1	MAP2K1	mitogen-activated protein kinase kinase 1	ENSG00000169032
HU-08828-1	MAP2K3	mitogen-activated protein kinase kinase 3	ENSG00000034152
HU-10842-1	MAP2K4	mitogen-activated protein kinase kinase 4	ENSG00000065559
HU-08544-1	MAP2K5	mitogen-activated protein kinase kinase 5	ENSG00000137764
HU-13618-1	MAP2K7	mitogen-activated protein kinase kinase 7	ENSG00000076984
HU-05709-1	MAP3K1	mitogen-activated protein kinase kinase kinase 1, E3 ubiquitin protein ligase	ENSG00000095015
HU-03183-1	MAP3K10	mitogen-activated protein kinase kinase kinase 10	ENSG00000130758
HU-07472-1	MAP3K12	mitogen-activated protein kinase kinase kinase 12	ENSG00000139625
HU-01721-1	MAP3K13	mitogen-activated protein kinase kinase kinase 13	ENSG00000073803
HU-02453-1	MAP3K14	mitogen-activated protein kinase kinase kinase 14	ENSG00000006062
HU-09942-1	MAP3K15	mitogen-activated protein kinase kinase kinase 15	ENSG00000180815
HU-08135-1	MAP3K2	mitogen-activated protein kinase kinase kinase 2	ENSG00000169967
HU-10136-1	MAP3K3	mitogen-activated protein kinase kinase kinase 3	ENSG00000198909
HU-08448-1	MAP3K4	mitogen-activated protein kinase kinase kinase 4	ENSG00000085511
HU-06830-1	MAP3K5	mitogen-activated protein kinase kinase kinase 5	ENSG00000197442
HU-11935-1	MAP3K6	mitogen-activated protein kinase kinase kinase 6	ENSG00000142733
HU-08179-1	MAP3K7	mitogen-activated protein kinase kinase kinase 7	ENSG00000135341
HU-05199-1	MAP3K8	mitogen-activated protein kinase kinase kinase 8	ENSG00000107968
HU-14471-1	MAP3K9	mitogen-activated protein kinase kinase kinase 9	ENSG00000006432
HU-00519-1	MAP4K1	mitogen-activated protein kinase kinase kinase kinase 1	ENSG00000104814

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HU-00714-1	MAP4K2	mitogen-activated protein kinase kinase kinase kinase 2	ENSG00000168067
HU-07191-1	MAP4K3	mitogen-activated protein kinase kinase kinase kinase 3	ENSG00000011566
HU-12086-1	MAP4K5	mitogen-activated protein kinase kinase kinase kinase 5	ENSG00000012983
HU-04417-1	MAPK1	mitogen-activated protein kinase 1	ENSG00000100030
HU-14098-1	MAPK10	mitogen-activated protein kinase 10	ENSG00000109339
HU-09433-1	MAPK11	mitogen-activated protein kinase 11	ENSG00000185386
HU-00897-1	MAPK12	mitogen-activated protein kinase 12	ENSG00000188130
HU-15176-1	MAPK13	mitogen-activated protein kinase 13	ENSG00000156711
HU-08144-1	MAPK14	mitogen-activated protein kinase 14	ENSG00000112062
HU-15863-1	MAPK15	mitogen-activated protein kinase 15	ENSG00000181085
HU-06248-1	MAPK3	mitogen-activated protein kinase 3	ENSG00000102882
HU-10612-1	MAPK6	mitogen-activated protein kinase 6	ENSG00000069956
HU-13347-1	MAPK7	mitogen-activated protein kinase 7	ENSG00000166484
HU-07297-1	MAPK8	mitogen-activated protein kinase 8	ENSG00000107643
HU-08068-1	MAPK9	mitogen-activated protein kinase 9	ENSG00000050748
HU-04082-1	MAPKAPK2	mitogen-activated protein kinase-activated protein kinase 2	ENSG00000162889
HU-07406-1	MAPKAPK3	mitogen-activated protein kinase-activated protein kinase 3	ENSG00000114738
HU-01641-1	MAPKAPK5	mitogen-activated protein kinase-activated protein kinase 5	ENSG00000089022
HU-07590-1	MARK1	MAP	ENSG00000116141
HU-13417-1	MARK2	MAP	ENSG00000072518
HU-09302-1	MARK3	MAP	ENSG00000075413
HU-13472-1	MAST2	microtubule associated serine	ENSG00000086015
HU-02735-1	MAST3	microtubule associated serine	ENSG00000099308
HU-06526-1	MAST4	microtubule associated serine	ENSG00000069020
HU-07648-1	MASTL	microtubule associated serine	ENSG00000120539
HU-08444-1	MATK	megakaryocyte-associated tyrosine kinase	ENSG00000007264
HU-03040-1	MELK	maternal embryonic leucine zipper kinase	ENSG00000165304
HU-02512-1	MERTK	c-mer proto-oncogene tyrosine kinase	ENSG00000153208
HU-09173-1	MET	met proto-oncogene (hepatocyte growth factor receptor)	ENSG00000105976
HU-06478-1	MINK1	misshapen-like kinase 1	ENSG00000141503
HU-11521-1	MKNK1	MAP kinase interacting serine	ENSG00000079277
HU-08573-1	MKNK2	MAP kinase interacting serine	ENSG00000099875
HU-07266-1	MLKL	mixed lineage kinase domain-like	ENSG00000168404
HU-12397-1	MOK	MOK protein kinase	ENSG00000080823
HU-13928-1	MOS	v-mos Moloney murine sarcoma viral oncogene homolog	ENSG00000172680
HU-05623-1	MPP1	membrane protein, palmitoylated 1, 55kDa	ENSG00000130830
HU-13385-1	MPP2	membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2)	ENSG00000108852
HU-08668-1	MPP3	membrane protein, palmitoylated 3 (MAGUK p55 subfamily member 3)	ENSG00000161647
HU-09306-1	MPP4	membrane protein, palmitoylated 4 (MAGUK p55 subfamily member 4)	ENSG00000082126
HU-04257-1	MPP5	membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5)	ENSG00000072415
HU-00331-1	MPP6	membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6)	ENSG00000105926
HU-07290-1	MST1R	macrophage stimulating 1 receptor (c-met-related tyrosine kinase)	ENSG00000164078
HU-08208-1	MST4	Serine/threonine-protein kinase MST4	ENSG00000134602
HU-10164-1	MTOR	mechanistic target of rapamycin (serine	ENSG00000198793
HU-01370-1	MUSK	muscle, skeletal, receptor tyrosine kinase	ENSG00000030304
HU-05810-1	MVK	mevalonate kinase	ENSG00000110921
HU-15880-1	MYLK	myosin light chain kinase	ENSG00000065534
HU-00536-1	MYLK2	myosin light chain kinase 2	ENSG00000101306
HU-05685-1	MYLK3	myosin light chain kinase 3	ENSG00000140795
HU-12089-1	MYO3A	myosin IIIA	ENSG00000095777
HU-06648-1	MYO3B	myosin IIIB	ENSG00000071909
HU-08503-1	NADK	NAD kinase	ENSG00000008130
HU-12938-1	NAGK	N-acetylglucosamine kinase	ENSG00000124357
HU-07613-1	NDUFA10	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 10, 42kDa	ENSG00000130414
HU-09675-1	NEK10	NIMA (never in mitosis gene a)- related kinase 10	ENSG00000163491
HU-07363-1	NEK11	NIMA (never in mitosis gene a)- related kinase 11	ENSG00000114670
HU-10995-1	NEK2	NIMA (never in mitosis gene a)-related kinase 2	ENSG00000117650
HU-09425-1	NEK3	NIMA (never in mitosis gene a)-related kinase 3	ENSG00000136098
HU-13637-1	NEK4	NIMA (never in mitosis gene a)-related kinase 4	ENSG00000114904
HU-08220-1	NEK5	NIMA (never in mitosis gene a)-related kinase 5	ENSG00000197168
HU-07225-1	NEK6	NIMA (never in mitosis gene a)-related kinase 6	ENSG00000119408
HU-05058-1	NEK7	NIMA (never in mitosis gene a)-related kinase 7	ENSG00000151414
HU-15407-1	NEK8	NIMA (never in mitosis gene a)- related kinase 8	ENSG00000160602
HU-01219-1	NEK9	NIMA (never in mitosis gene a)- related kinase 9	ENSG00000119638
HU-04639-1	NLK	nemo-like kinase	ENSG00000087095
HU-13298-1	NME1	NME/NM23 nucleoside diphosphate kinase 1	ENSG00000239672
HU-21742-1	NME2	NME/NM23 nucleoside diphosphate kinase 2	ENSG00000011052
HU-12152-1	NME3	non-metastatic cells 3, protein expressed in	ENSG00000103024
HU-05860-1	NME4	NME/NM23 nucleoside diphosphate kinase 4	ENSG00000103202
HU-03900-1	NME5	non-metastatic cells 5, protein expressed in (nucleoside-diphosphate kinase)	ENSG00000112981
HU-02433-1	NME6	non-metastatic cells 6, protein expressed in (nucleoside-diphosphate kinase)	ENSG00000172113
HU-00486-1	NME7	non-metastatic cells 7, protein expressed in (nucleoside-diphosphate kinase)	ENSG00000143156
HU-14539-1	NPR1	natriuretic peptide receptor A	ENSG00000169418
HU-08604-1	NPR2	natriuretic peptide receptor B	ENSG00000159899
HU-04504-1	NRBP1	nuclear receptor binding protein 1	ENSG00000115216
HU-06982-1	NRBP2	nuclear receptor binding protein 2	ENSG00000185189
HU-15557-1	NTPCR	nucleoside-triphosphatase, cancer-related	ENSG00000135778
HU-08166-1	NTRK1	neurotrophic tyrosine kinase, receptor, type 1	ENSG00000198400
HU-09218-1	NTRK3	neurotrophic tyrosine kinase, receptor, type 3	ENSG00000140538
HU-10007-1	NUAK1	NUAK family, SNF1-like kinase, 1	ENSG00000074590
HU-04379-1	NUAK2	NUAK family, SNF1-like kinase, 2	ENSG00000163545
HU-09058-1	OBSCN	obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF	ENSG00000154358
HU-03960-1	OXSM	3-oxoacyl-ACP synthase, mitochondrial	ENSG00000151093
HU-00030-1	OXSR1	oxidative-stress responsive 1	ENSG00000172939
HU-14018-1	PAK1	p21 protein (Cdc42)	ENSG00000149269
HU-02672-1	PAK2	p21 protein (Cdc42)	ENSG00000180370
HU-08684-1	PAK3	p21 protein (Cdc42)	ENSG00000077264
HU-07395-1	PAK4	p21 protein (Cdc42)	ENSG00000130669
HU-12926-1	PAK6	p21 protein (Cdc42)	ENSG00000137843
HU-06255-1	PAK7	p21 protein (Cdc42)	ENSG00000101349
HU-04482-1	PAN3	PAN3 poly(A) specific ribonuclease subunit homolog (S. cerevisiae)	ENSG00000152520
HU-15871-1	PANK1	pantothenate kinase 1	ENSG00000152782
HU-02325-1	PANK3	pantothenate kinase 3	ENSG00000120137
HU-07966-1	PAPSS2	3'-phosphoadenosine 5'-phosphosulfate synthase 2	ENSG00000198682
HU-05989-1	PASK	PAS domain containing serine	ENSG00000115687
HU-05011-1	PBK	PDZ binding kinase	ENSG00000168078
HU-04929-1	PCK1	phosphoenolpyruvate carboxykinase 1 (soluble)	ENSG00000124253

Kinases

HU-02851-1	PCK2	phosphoenolpyruvate carboxykinase 2 (mitochondrial)	ENSG00000100889
HU-00614-1	PDGFRA	platelet-derived growth factor receptor, alpha polypeptide	ENSG00000134853
HU-05127-1	PDGFRB	platelet-derived growth factor receptor, beta polypeptide	ENSG00000113721
HU-00323-1	PDIK1L	PDLIM1 interacting kinase 1 like	ENSG00000175087
HU-07998-1	PK1	pyruvate dehydrogenase kinase, isozyme 1	ENSG00000152256
HU-02879-1	PK2	pyruvate dehydrogenase kinase, isozyme 2	ENSG00000005882
HU-04813-1	PK3	pyruvate dehydrogenase kinase, isozyme 3	ENSG00000067992
HU-00765-1	PK4	pyruvate dehydrogenase kinase, isozyme 4	ENSG00000004799
HU-07126-1	PDPK1	3-phosphoinositide dependent protein kinase-1	ENSG00000140992
HU-09911-1	PDXK	pyridoxal (pyridoxine, vitamin B6) kinase	ENSG00000160209
HU-02807-1	PDZD2	PDZ domain containing 2	ENSG00000133401
HU-00521-1	PFKFB1	6-phosphofructo-2-kinase	ENSG00000158571
HU-07977-1	PFKFB2	6-phosphofructo-2-kinase	ENSG00000123836
HU-02987-1	PFKFB4	6-phosphofructo-2-kinase	ENSG00000114268
HU-05887-1	PFKL	phosphofructokinase, liver	ENSG00000141959
HU-08426-1	PFKM	phosphofructokinase, muscle	ENSG00000152556
HU-01667-1	PFKP	phosphofructokinase, platelet	ENSG00000067057
HU-10594-1	PGK1	phosphoglycerate kinase 1	ENSG00000102144
HU-01676-1	PGK2	phosphoglycerate kinase 2	ENSG00000170950
HU-11357-1	PHKA1	phosphorylase kinase, alpha 1 (muscle)	ENSG00000067177
HU-03097-1	PHKA2	phosphorylase kinase, alpha 2 (liver)	ENSG00000044446
HU-07246-1	PHKB	phosphorylase kinase, beta	ENSG00000102893
HU-02097-1	PHKG1	phosphorylase kinase, gamma 1 (muscle)	ENSG00000164776
HU-08934-1	PHKG2	phosphorylase kinase, gamma 2 (testis)	ENSG00000156873
HU-12964-1	PI4K2A	phosphatidylinositol 4-kinase type 2 alpha	ENSG00000155252
HU-01603-1	PI4K2B	phosphatidylinositol 4-kinase type 2 beta	ENSG00000038210
HU-00412-1	PI4KA	phosphatidylinositol 4-kinase, catalytic, alpha	ENSG00000241973
HU-09143-1	PI4KB	phosphatidylinositol 4-kinase, catalytic, beta	ENSG00000143393
HU-02094-1	PIK3C2A	phosphoinositide-3-kinase, class 2, alpha polypeptide	ENSG00000011405
HU-02423-1	PIK3C2B	phosphoinositide-3-kinase, class 2, beta polypeptide	ENSG00000133056
HU-02369-1	PIK3C2G	phosphoinositide-3-kinase, class 2, gamma polypeptide	ENSG00000139144
HU-04242-1	PIK3C3	phosphoinositide-3-kinase, class 3	ENSG00000078142
HU-03939-1	PIK3CA	phosphoinositide-3-kinase, catalytic, alpha polypeptide	ENSG00000121879
HU-03467-1	PIK3CB	phosphoinositide-3-kinase, catalytic, beta polypeptide	ENSG00000051382
HU-11346-1	PIK3CD	phosphoinositide-3-kinase, catalytic, delta polypeptide	ENSG00000171608
HU-08163-1	PIK3CG	phosphoinositide-3-kinase, catalytic, gamma polypeptide	ENSG00000105851
HU-12349-1	PIK3R3	phosphoinositide-3-kinase, regulatory subunit 3 (gamma)	ENSG00000117461
HU-00023-1	PIK3R4	phosphoinositide-3-kinase, regulatory subunit 4	ENSG00000196455
HU-04893-1	PIM2	pim-2 oncogene	ENSG00000102096
HU-02771-1	PIN1	peptidylprolyl cis	ENSG00000127445
HU-05710-1	PINK1	PTEN induced putative kinase 1	ENSG00000158828
HU-02133-1	PIP4K2A	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha	ENSG00000150867
HU-08737-1	PIP4K2B	phosphatidylinositol-5-phosphate 4-kinase, type II, beta	ENSG00000141720
HU-09386-1	PIP4K2C	phosphatidylinositol-5-phosphate 4-kinase, type II, gamma	ENSG00000166908
HU-11480-1	PIP5K1A	phosphatidylinositol-4-phosphate 5-kinase, type I, alpha	ENSG00000143398
HU-07607-1	PIP5K1B	phosphatidylinositol-4-phosphate 5-kinase, type I, beta	ENSG00000107242
HU-15263-1	PKD2L1	polycystic kidney disease 2-like 1	ENSG00000107593
HU-06048-1	PKD2L2	polycystic kidney disease 2-like 2	ENSG00000078795
HU-00403-1	PKDCC	protein kinase domain containing, cytoplasmic homolog (mouse)	ENSG00000162878
HU-06418-1	PKLR	pyruvate kinase, liver and RBC	ENSG00000143627
HU-14756-1	PKM2	pyruvate kinase, muscle	ENSG00000067225
HU-14971-1	PKMYT1	protein kinase, membrane associated tyrosine	ENSG00000127564
HU-12413-1	PKN1	protein kinase N1	ENSG00000123143
HU-08554-1	PKN2	protein kinase N2	ENSG00000065243
HU-00967-1	PKN3	protein kinase N3	ENSG00000160447
HU-05101-1	PLK1	polo-like kinase 1	ENSG00000166851
HU-02181-1	PLK2	polo-like kinase 2	ENSG00000145632
HU-14980-1	PLK3	polo-like kinase 3	ENSG00000173846
HU-00169-1	PLK4	polo-like kinase 4	ENSG00000142731
HU-02043-1	PMVK	phosphomevalonate kinase	ENSG00000163344
HU-06230-1	PNCK	pregnancy up-regulated non-ubiquitously expressed CaM kinase	ENSG00000130822
HU-08202-1	POLK	polymerase (DNA directed) kappa	ENSG00000122008
HU-05653-1	POLR2K	polymerase (RNA) II (DNA directed) polypeptide K, 7.0kDa	ENSG00000147669
HU-15628-1	POLR3K	polymerase (RNA) III (DNA directed) polypeptide K, 12.3 kDa	ENSG00000161980
HU-07404-1	PRKAA1	protein kinase, AMP-activated, alpha 1 catalytic subunit	ENSG00000132356
HU-04208-1	PRKAA2	protein kinase, AMP-activated, alpha 2 catalytic subunit	ENSG00000162409
HU-03599-1	PRKAB1	protein kinase, AMP-activated, beta 1 non-catalytic subunit	ENSG00000111725
HU-00398-1	PRKAB2	protein kinase, AMP-activated, beta 2 non-catalytic subunit	ENSG00000131791
HU-13254-1	PRKACA	protein kinase, cAMP-dependent, catalytic, alpha	ENSG00000072062
HU-07562-1	PRKACB	protein kinase, cAMP-dependent, catalytic, beta	ENSG00000142875
HU-05813-1	PRKAG1	protein kinase, AMP-activated, gamma 1 non-catalytic subunit	ENSG00000181929
HU-09032-1	PRKAG2	protein kinase, AMP-activated, gamma 2 non-catalytic subunit	ENSG00000106617
HU-12177-1	PRKAG3	protein kinase, AMP-activated, gamma 3 non-catalytic subunit	ENSG00000115592
HU-07134-1	PRKAR1A	protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue specific extinguisher 1)	ENSG00000108946
HU-05726-1	PRKAR1B	protein kinase, cAMP-dependent, regulatory, type I, beta	ENSG00000188191
HU-07708-1	PRKAR2A	protein kinase, cAMP-dependent, regulatory, type II, alpha	ENSG00000114302
HU-02583-1	PRKAR2B	protein kinase, cAMP-dependent, regulatory, type II, beta	ENSG00000005249
HU-05082-1	PRKCA	protein kinase C, alpha	ENSG00000154229
HU-06917-1	PRKCB	protein kinase C, beta	ENSG00000166501
HU-06706-1	PRKCD	protein kinase C, delta	ENSG00000163932
HU-11848-1	PRKCE	protein kinase C, epsilon	ENSG00000171132
HU-03412-1	PRKCG	protein kinase C, gamma	ENSG00000126583
HU-04495-1	PRKCH	protein kinase C, eta	ENSG00000027075
HU-11081-1	PRKCI	protein kinase C, iota	ENSG00000163558
HU-09360-1	PRKCQ	protein kinase C, theta	ENSG00000065675
HU-02681-1	PRKCZ	protein kinase C, zeta	ENSG00000067606
HU-05474-1	PRKD1	protein kinase D1	ENSG00000184304
HU-04355-1	PRKD2	protein kinase D2	ENSG00000105287
HU-02996-1	PRKD3	protein kinase D3	ENSG00000115825
HU-12379-1	PRKDC	protein kinase, DNA-activated, catalytic polypeptide	ENSG00000253729
HU-14581-1	PRKG1	protein kinase, cGMP-dependent, type I	ENSG00000185532
HU-16000-1	PRKG2	protein kinase, cGMP-dependent, type II	ENSG00000138669
HU-10782-1	PRKX	protein kinase, X-linked	ENSG00000183943
HU-14836-1	PRKY	protein kinase, Y-linked, pseudogene	ENSG00000099725
HU-11451-1	PRPF4B	PRP4 pre-mRNA processing factor 4 homolog B (yeast)	ENSG00000112739
HU-10976-1	PRPS1	phosphoribosyl pyrophosphate synthetase 1	ENSG00000147224
HU-12802-1	PRPS1L1	phosphoribosyl pyrophosphate synthetase 1-like 1	ENSG00000229937

Kinases

HU-01414-1	PRPS2	phosphoribosyl pyrophosphate synthetase 2	ENSG00000101911
HU-00267-1	PSKH1	protein serine kinase H1	ENSG00000159792
HU-03512-1	PSKH2	protein serine kinase H2	ENSG00000147613
HU-07732-1	PTK2	PTK2 protein tyrosine kinase 2	ENSG00000169398
HU-06868-1	PTK2B	PTK2B protein tyrosine kinase 2 beta	ENSG00000120899
HU-12184-1	PTK6	PTK6 protein tyrosine kinase 6	ENSG00000101213
HU-08479-1	PXK	PX domain containing serine	ENSG00000168297
HU-02303-1	RAB32	RAB32, member RAS oncogene family	ENSG00000118508
HU-03655-1	RAB38	RAB38, member RAS oncogene family	ENSG00000123892
HU-01343-1	RAD18	RAD18 homolog (S. cerevisiae)	ENSG00000070950
HU-05013-1	RAF1	v-raf-1 murine leukemia viral oncogene homolog 1	ENSG00000132155
HU-04427-1	RALB	v-ral simian leukemia viral oncogene homolog B (ras related; GTP binding protein)	ENSG00000144118
HU-12045-1	RAPGEF3	Rap guanine nucleotide exchange factor (GEF) 3	ENSG00000079337
HU-08073-1	RAPGEF4	Rap guanine nucleotide exchange factor (GEF) 4	ENSG00000091428
HU-05189-1	RBKS	ribokinase	ENSG00000171174
HU-16103-1	RET	ret proto-oncogene	ENSG00000165731
HU-11155-1	RFK	riboflavin kinase	ENSG00000135002
HU-03433-1	RIOK1	RIO kinase 1 (yeast)	ENSG00000124784
HU-15535-1	RIOK2	RIO kinase 2 (yeast)	ENSG00000058729
HU-03184-1	RIOK3	RIO kinase 3 (yeast)	ENSG00000101782
HU-15579-1	RIPK1	receptor (TNFRSF)-interacting serine-threonine kinase 1	ENSG00000137275
HU-03326-1	RIPK2	receptor-interacting serine-threonine kinase 2	ENSG00000104312
HU-05886-1	RIPK3	receptor-interacting serine-threonine kinase 3	ENSG00000129465
HU-09313-1	RIPK4	receptor-interacting serine-threonine kinase 4	ENSG00000183421
HU-03611-1	RNASEL	ribonuclease L (2',5'-oligoadenylate synthetase-dependent)	ENSG00000135828
HU-03470-1	ROCK1	Rho-associated, coiled-coil containing protein kinase 1	ENSG00000067900
HU-03013-1	ROCK2	Rho-associated, coiled-coil containing protein kinase 2	ENSG00000134318
HU-04774-1	ROR1	receptor tyrosine kinase-like orphan receptor 1	ENSG00000185483
HU-14281-1	ROR2	receptor tyrosine kinase-like orphan receptor 2	ENSG00000169071
HU-02152-1	ROS1	c-ros oncogene 1, receptor tyrosine kinase	ENSG00000047936
HU-00550-1	RP5-862P8.2	Mitogen-activated protein kinase kinase kinase MLK4	ENSG00000143674
HU-03010-1	RPS6KA1	ribosomal protein S6 kinase, 90kDa, polypeptide 1	ENSG00000117676
HU-00743-1	RPS6KA2	ribosomal protein S6 kinase, 90kDa, polypeptide 2	ENSG00000071242
HU-02552-1	RPS6KA3	ribosomal protein S6 kinase, 90kDa, polypeptide 3	ENSG00000177189
HU-07961-1	RPS6KA4	ribosomal protein S6 kinase, 90kDa, polypeptide 4	ENSG00000162302
HU-04349-1	RPS6KA5	ribosomal protein S6 kinase, 90kDa, polypeptide 5	ENSG00000100784
HU-01126-1	RPS6KA6	ribosomal protein S6 kinase, 90kDa, polypeptide 6	ENSG00000072133
HU-10746-1	RPS6KB1	ribosomal protein S6 kinase, 70kDa, polypeptide 1	ENSG00000108443
HU-00348-1	RPS6KB2	ribosomal protein S6 kinase, 70kDa, polypeptide 2	ENSG00000175634
HU-04553-1	RPS6KC1	ribosomal protein S6 kinase, 52kDa, polypeptide 1	ENSG00000136643
HU-15322-1	RPS6KL1	ribosomal protein S6 kinase-like 1	ENSG00000198208
HU-15368-1	RYK	receptor-like tyrosine kinase	ENSG00000163785
HU-13959-1	SBK1	SH3-binding domain kinase 1	ENSG00000188322
HU-09084-1	SCYL1	SCY1-like 1 (S. cerevisiae)	ENSG00000142186
HU-11488-1	SCYL2	SCY1-like 2 (S. cerevisiae)	ENSG00000136021
HU-08023-1	SCYL3	SCY1-like 3 (S. cerevisiae)	ENSG00000000457
HU-03538-1	SGK1	serum	ENSG00000118515
HU-12933-1	SGK196	Protein kinase-like protein SgK196	ENSG00000185900
HU-06928-1	SGK2	serum	ENSG00000101049
HU-11654-1	SGK3	serum	ENSG00000104205
HU-01842-1	SHPK	sedoheptulokinase	ENSG00000197417
HU-13871-1	SIK1	salt-inducible kinase 1	ENSG00000142178
HU-05080-1	SIK2	salt-inducible kinase 2	ENSG00000170145
HU-11987-1	SIK3	SIK family kinase 3	ENSG00000160584
HU-13425-1	SKP1	S-phase kinase-associated protein 1	ENSG00000113558
HU-12328-1	SLK	STE20-like kinase	ENSG00000065613
HU-07003-1	SMG1	smg-1 homolog, phosphatidylinositol 3-kinase-related kinase (C. elegans)	ENSG00000157106
HU-04448-1	SNRK	SNF related kinase	ENSG00000163788
HU-06492-1	SPHK1	sphingosine kinase 1	ENSG00000176170
HU-06678-1	SPHK2	sphingosine kinase 2	ENSG00000063176
HU-06103-1	SRPK1	SRSF protein kinase 1	ENSG00000096063
HU-09010-1	SRPK2	SRSF protein kinase 2	ENSG00000135250
HU-03609-1	SRPK3	SRSF protein kinase 3	ENSG00000184343
HU-04236-1	STC1	stanniocalcin 1	ENSG00000159167
HU-15377-1	STK10	serine	ENSG00000072786
HU-01904-1	STK11	serine	ENSG00000118046
HU-15814-1	STK16	serine	ENSG00000115661
HU-01881-1	STK17A	serine	ENSG00000164543
HU-02129-1	STK17B	serine	ENSG00000081320
HU-11068-1	STK24	serine	ENSG00000102572
HU-01763-1	STK25	serine	ENSG00000115694
HU-08327-1	STK3	serine	ENSG00000104375
HU-12341-1	STK31	serine	ENSG00000196335
HU-02981-1	STK32A	serine	ENSG00000169302
HU-05084-1	STK32B	serine	ENSG00000152953
HU-01965-1	STK32C	serine	ENSG00000165752
HU-13278-1	STK33	serine	ENSG00000130413
HU-00722-1	STK35	serine	ENSG00000125834
HU-13799-1	STK36	serine	ENSG00000163482
HU-11937-1	STK38	serine	ENSG00000112079
HU-22714-1	STK38L	serine	ENSG00000211455
HU-04555-1	STK39	serine threonine kinase 39	ENSG00000198648
HU-01221-1	STK4	serine	ENSG00000101109
HU-07873-1	STK40	serine	ENSG00000196182
HU-09954-1	STRADA	STE20-related kinase adaptor alpha	ENSG00000266173
HU-10872-1	STRADB	STE20-related kinase adaptor beta	ENSG00000082146
HU-00321-1	STYK1	serine	ENSG00000060140
HU-08164-1	SYK	spleen tyrosine kinase	ENSG00000165025
HU-10599-1	TAF1	TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 250kDa	ENSG00000147133
HU-11614-1	TAF9	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 32kDa	ENSG00000085231
HU-06453-1	TANK	TRAF family member-associated NFKB activator	ENSG00000136560
HU-03492-1	TAOK1	TAO kinase 1	ENSG00000160551
HU-09444-1	TAOK2	TAO kinase 2	ENSG00000149930
HU-14563-1	TAOK3	TAO kinase 3	ENSG00000135090
HU-08198-1	TBCK	TBC1 domain containing kinase	ENSG00000145348
HU-03451-1	TBK1	TANK-binding kinase 1	ENSG00000183735
HU-01352-1	TEC	tec protein tyrosine kinase	ENSG00000135605

Kinases

HU-08228-1	TEK	TEK tyrosine kinase, endothelial	ENSG00000120156
HU-07697-1	TESK1	testis-specific kinase 1	ENSG00000107140
HU-06259-1	TESK2	testis-specific kinase 2	ENSG00000070759
HU-07800-1	TEX14	testis expressed 14	ENSG00000121101
HU-05113-1	TGFBR1	transforming growth factor, beta receptor 1	ENSG00000106799
HU-14506-1	TIE1	tyrosine kinase with immunoglobulin-like and EGF-like domains 1	ENSG00000066056
HU-07824-1	TJP1	tight junction protein 1 (zona occludens 1)	ENSG00000104067
HU-07563-1	TJP2	tight junction protein 2 (zona occludens 2)	ENSG00000119139
HU-00942-1	TJP3	tight junction protein 3 (zona occludens 3)	ENSG00000105289
HU-15327-1	TK1	thymidine kinase 1, soluble	ENSG00000167900
HU-15458-1	TK2	thymidine kinase 2, mitochondrial	ENSG00000166548
HU-11511-1	TLK1	tousled-like kinase 1	ENSG00000198586
HU-11394-1	TLK2	tousled-like kinase 2	ENSG00000146872
HU-08912-1	TNIK	TRAF2 and NCK interacting kinase	ENSG00000154310
HU-08275-1	TNK1	tyrosine kinase, non-receptor, 1	ENSG00000174292
HU-06300-1	TNK2	tyrosine kinase, non-receptor, 2	ENSG00000061938
HU-00533-1	TP53RK	TP53 regulating kinase	ENSG00000172315
HU-05778-1	TPK1	thiamin pyrophosphokinase 1	ENSG00000196511
HU-01614-1	TRIB1	tribbles homolog 1 (Drosophila)	ENSG00000173334
HU-11920-1	TRIB2	tribbles homolog 2 (Drosophila)	ENSG00000071575
HU-01388-1	TRIB3	tribbles homolog 3 (Drosophila)	ENSG00000101255
HU-02918-1	TRIM24	tripartite motif containing 24	ENSG00000122779
HU-06733-1	TRIM28	tripartite motif containing 28	ENSG00000130726
HU-15712-1	TRIM33	tripartite motif containing 33	ENSG00000197323
HU-08312-1	TRIO	triple functional domain (PTPRF interacting)	ENSG00000038382
HU-07862-1	TRPM6	transient receptor potential cation channel, subfamily M, member 6	ENSG00000119121
HU-01529-1	TRPM7	transient receptor potential cation channel, subfamily M, member 7	ENSG00000092439
HU-21881-1	TSSK1B	testis-specific serine kinase 1B	ENSG00000212122
HU-22539-1	TSSK2	testis-specific serine kinase 2	ENSG00000206203
HU-14258-1	TSSK3	testis-specific serine kinase 3	ENSG00000162526
HU-07110-1	TSSK4	testis-specific serine kinase 4	ENSG00000139908
HU-12486-1	TSSK6	testis-specific serine kinase 6	ENSG00000178093
HU-06037-1	TTBK2	tau tubulin kinase 2	ENSG00000128881
HU-02658-1	TTK	TTK protein kinase	ENSG00000112742
HU-06235-1	TWF1	twinfilin, actin-binding protein, homolog 1 (Drosophila)	ENSG00000151239
HU-09598-1	TWF2	twinfilin, actin-binding protein, homolog 2	ENSG00000247596
HU-05217-1	TXK	TXK tyrosine kinase	ENSG00000074966
HU-14432-1	TXNDC3	thioredoxin domain containing 3 (spermatozoa)	ENSG00000086288
HU-15324-1	UCK2	uridine-cytidine kinase 2	ENSG00000143179
HU-06486-1	UCKL1	uridine-cytidine kinase 1-like 1	ENSG00000198276
HU-14595-1	UHMK1	U2AF homology motif (UHM) kinase 1	ENSG00000152332
HU-02253-1	ULK1	unc-51-like kinase 1 (C. elegans)	ENSG00000177169
HU-07410-1	ULK2	unc-51-like kinase 2 (C. elegans)	ENSG00000083290
HU-04022-1	ULK3	unc-51-like kinase 3 (C. elegans)	ENSG00000140474
HU-13235-1	ULK4	unc-51-like kinase 4 (C. elegans)	ENSG00000168038
HU-11954-1	VRK1	vaccinia related kinase 1	ENSG00000100749
HU-07073-1	VRK2	vaccinia related kinase 2	ENSG00000028116
HU-01364-1	VRK3	vaccinia related kinase 3	ENSG00000105053
HU-00362-1	WEE1	WEE1 homolog (S. pombe)	ENSG00000166483
HU-10321-1	WEE2	WEE1 homolog 2 (S. pombe)	ENSG00000214102
HU-09432-1	WNK1	WNK lysine deficient protein kinase 1	ENSG00000060237
HU-09914-1	WNK2	WNK lysine deficient protein kinase 2	ENSG00000165238
HU-06938-1	WNK3	WNK lysine deficient protein kinase 3	ENSG00000196632
HU-07948-1	WNK4	WNK lysine deficient protein kinase 4	ENSG00000126562
HU-04600-1	XYLB	xylulokinase homolog (H. influenzae)	ENSG00000093217
HU-07072-1	YSK4	YSK4 Sps1	ENSG00000176601
HU-09130-1	ZAP70	zeta-chain (TCR) associated protein kinase 70kDa	ENSG00000115085