

ID	Gene	Name	HCVpp (fold change)	HCVpp (fdr)	HCVpp (P-value)	VSVpp (fold change)	VSVpp (fdr)
NM_022158	FN3K	fructosamine 3 kinase	-65,79	1,73E-07	6,68E-12	-10,39	8,26E-03
NM_006383	CIB2	calcium and integrin binding family member 2	-17,68	6,36E-07	5,87E-10	-3,23	8,26E-03
NM_005881	BCKDK	branched chain ketoacid dehydrogenase kinase	-13,16	6,36E-07	2,74E-09	-6,01	8,26E-03
NM_033116	NEK9	NIMA (never in mitosis gene a)- related kinase 9	-10,98	6,36E-07	7,36E-09	-9,24	8,26E-03
NM_030906	STK33	serine/threonine kinase 33	-11,23	6,36E-07	8,05E-09	-2,61	1,86E-02
NM_004333	BRAF	v-raf murine sarcoma viral oncogene homolog B1	-13,34	7,70E-07	9,10E-09	-3,16	8,26E-03
NM_052841	STK22C	serine/threonine kinase 22C (spermiogenesis associated)	-10,18	1,06E-06	1,17E-08	-4,62	8,26E-03
NM_018425	PI4KII	phosphatidylinositol 4-kinase type II	-9,49	1,06E-06	1,94E-08	-3,67	8,26E-03
NM_031480	RIOK1	RIO kinase 1 (yeast)	-9,02	1,06E-06	2,70E-08	-6,11	8,26E-03
NM_001823	CKB	creatine kinase, brain	-15,80	1,06E-06	2,90E-08	-4,83	2,16E-02
NM_030974	Sharpin	shank-interacting protein-like 1	-8,50	1,06E-06	3,35E-08	-16,57	8,26E-03
NM_031464	RPS6KL1	ribosomal protein S6 kinase-like 1	-9,40	1,06E-06	3,51E-08	-10,71	8,26E-03
BF688722	FLT3LG	fms-related tyrosine kinase 3 ligand	-9,48	1,06E-06	3,81E-08	-2,40	2,02E-02
NM_005734	HIPK3	homeodomain interacting protein kinase 3	-8,48	1,06E-06	4,00E-08	-2,91	3,88E-02
NM_001786	CDC2	cell division cycle 2, G1 to S and G2 to M	-14,96	1,06E-06	4,23E-08	-10,78	8,26E-03
NM_005235	ERBB4	v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian)	-9,01	1,06E-06	4,65E-08	-3,35	8,26E-03
NM_001278	CHUK	conserved helix-loop-helix ubiquitous kinase	-8,11	1,06E-06	5,13E-08	-1,53	9,16E-02
NM_033487	CDC2L1	cell division cycle 2-like 1 (PITSLRE proteins)	-8,13	1,06E-06	5,43E-08	-5,76	8,26E-03
NM_024594	PANK3	pantothenate kinase 3	-8,33	1,06E-06	5,55E-08	-2,84	1,47E-02
NM_030623	SKIP	SPHK1 (sphingosine kinase type 1) interacting protein	-8,16	1,06E-06	5,88E-08	-9,15	8,26E-03
NM_001798	CDK2	cyclin-dependent kinase 2	-8,81	1,35E-06	6,14E-08	-1,66	9,16E-02
NM_006575	MAP4K5	mitogen-activated protein kinase kinase kinase kinase 5	-7,75	1,35E-06	6,87E-08	-2,64	8,26E-03
NM_000051	ATM	ataxia telangiectasia mutated (includes complementation groups A	-12,78	1,71E-06	7,05E-08	-3,38	3,88E-02
NM_000075	CDK4	cyclin-dependent kinase 4	-9,76	4,10E-06	7,62E-08	-3,93	1,86E-02
NM_020836	KIAA1446	brain-enriched guanylate kinase-associated protein	-7,50	7,32E-06	8,99E-08	-5,46	8,26E-03
NM_017593	BMP2K	BMP2 inducible kinase	-7,06	9,22E-06	1,14E-07	-2,94	3,19E-02
NM_001721	BMX	BMX non-receptor tyrosine kinase	-6,68	9,22E-06	1,75E-07	-1,94	2,38E-02
NM_006742	PSKH1	protein serine kinase H1	-6,74	1,34E-05	1,76E-07	-1,47	7,71E-02
NM_001260	CDK8	cyclin-dependent kinase 8	-6,36	1,34E-05	2,24E-07	-2,11	2,16E-02
NM_004080	DGKB	diacylglycerol kinase, beta 90kDa	-6,25	1,48E-05	2,66E-07	-1,58	7,71E-02
NM_005781	TNK2	tyrosine kinase, non-receptor, 2	-7,04	1,48E-05	3,21E-07	-2,99	8,26E-03
NM_003157	NEK4	NIMA (never in mitosis gene a)-related kinase 4	-6,05	3,51E-05	3,65E-07	-4,37	8,26E-03
NM_016276	SGK2	serum/glucocorticoid regulated kinase 2	-5,97	3,51E-05	5,27E-07	-1,35	2,77E-01
NM_005233	EPHA3	EPH receptor A3	-5,29	3,51E-05	8,38E-07	-1,73	7,71E-02
NM_002011	FGFR4	fibroblast growth factor receptor 4	-5,31	3,51E-05	9,31E-07	-3,41	8,26E-03
NM_006116	MAP3K7IP1	mitogen-activated protein kinase kinase kinase 7 interacting protei	-5,32	3,51E-05	9,65E-07	-2,73	2,72E-02
NM_024117	MAPKAP1	mitogen-activated protein kinase associated protein 1	-5,11	3,51E-05	1,06E-06	-1,78	3,19E-02
NM_005246	FER	fer (fps/fes related) tyrosine kinase (phosphoprotein NCP94)	-5,48	4,07E-05	1,07E-06	-1,49	7,71E-02
NM_001106	ACVR2B	activin A receptor, type IIB	-5,23	4,07E-05	1,37E-06	-1,27	3,97E-01

BC033792	NYD-SP25	protein kinase NYD-SP25	-4,93	4,07E-05	1,44E-06	-4,83	8,26E-03
NM_021970	MAP2K1IP1	mitogen-activated protein kinase kinase 1 interacting protein 1	-5,09	4,07E-05	1,83E-06	-1,25	3,97E-01
NM_005028	PIP5K2A	phosphatidylinositol-4-phosphate 5-kinase, type II, alpha	-4,85	4,07E-05	1,93E-06	-1,48	7,71E-02
NM_005876	APEG1	aortic preferentially expressed protein 1	-4,80	4,07E-05	1,97E-06	-1,70	7,71E-02
NM_014683	ULK2	unc-51-like kinase 2 (C. elegans)	-4,64	4,07E-05	2,22E-06	-1,99	4,87E-02
NM_016203	PRKAG2	protein kinase, AMP-activated, gamma 2 non-catalytic subunit	-4,72	4,07E-05	2,22E-06	-2,17	2,38E-02
NM_004755	RPS6KA5	ribosomal protein S6 kinase, 90kDa, polypeptide 5	-4,60	4,07E-05	2,36E-06	-1,32	2,61E-01
NM_005030	PLK1	polo-like kinase 1 (Drosophila)	-10,83	4,07E-05	2,49E-06	-6,40	4,31E-02
NM_173176	PTK2B	PTK2B protein tyrosine kinase 2 beta	-4,58	4,07E-05	2,58E-06	-1,49	2,21E-01
NM_002220	ITPKA	inositol 1,4,5-trisphosphate 3-kinase A	-4,75	4,07E-05	2,63E-06	1,05	1,00E+00
NM_000162	GCK	glucokinase (hexokinase 4, maturity onset diabetes of the young 2	-5,54	4,07E-05	2,87E-06	-2,57	7,71E-02
NM_052853	ADCK2	aarF domain containing kinase 2	-4,57	4,07E-05	3,01E-06	-2,96	3,88E-02
NM_004327	BCR	breakpoint cluster region	-4,55	4,07E-05	3,03E-06	-1,38	2,61E-01
NM_002227	JAK1	Janus kinase 1 (a protein tyrosine kinase)	-5,21	4,81E-05	3,11E-06	-1,76	3,88E-02
NM_005228	EGFR	epidermal growth factor receptor (erythroblastic leukemia viral (v-e	-4,39	4,81E-05	3,42E-06	-1,53	7,71E-02
NM_032387	WNK4	WNK lysine deficient protein kinase 4	-4,35	4,81E-05	3,62E-06	-3,57	8,26E-03
NM_002344	LTK	leukocyte tyrosine kinase	-4,35	4,81E-05	3,70E-06	-1,33	2,61E-01
NM_005248	FGR	Gardner-Rasheed feline sarcoma viral (v-fgr) oncogene homolog	-4,33	4,81E-05	3,87E-06	1,29	2,61E-01
NM_001556	IKBKB	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinas	-4,36	7,24E-05	3,92E-06	-1,84	2,72E-02
NM_025211	GKAP1	G kinase anchoring protein 1	-4,28	7,99E-05	4,16E-06	-1,23	3,30E-01
NM_001080434	LMTK3	lemur tyrosine kinase 3	-4,36	7,99E-05	4,43E-06	-6,00	8,26E-03
NM_182982	GRK4	G protein-coupled receptor kinase 4	-4,31	7,99E-05	4,90E-06	-1,67	7,71E-02
NM_001211	BUB1B	BUB1 budding uninhibited by benzimidazoles 1 homolog beta (yea	-4,22	1,74E-04	4,96E-06	-1,49	7,71E-02
NM_017572	MKNK2	MAP kinase interacting serine/threonine kinase 2	-4,23	1,74E-04	5,56E-06	1,00	1,00E+00
NM_004217	AURKB	aurora kinase B	-4,19	1,74E-04	6,52E-06	-1,55	7,71E-02
NM_007271	STK38	serine/threonine kinase 38	-4,10	1,74E-04	7,29E-06	-1,08	1,00E+00
NM_004579	MAP4K2	mitogen-activated protein kinase kinase kinase kinase 2	-3,99	1,74E-04	7,73E-06	-2,40	3,88E-02
NM_001277	CHKA	choline kinase alpha	-4,04	1,74E-04	7,95E-06	-1,47	1,56E-01
NM_003331	TYK2	tyrosine kinase 2	-3,89	1,74E-04	8,98E-06	1,01	1,00E+00
NM_001222	CAMK2G	calcium/calmodulin-dependent protein kinase (CaM kinase) II gam	-3,90	1,74E-04	9,99E-06	-1,42	9,16E-02
NM_005198	CHKB	choline kinase beta	-3,83	1,74E-04	1,01E-05	-1,44	9,16E-02
NM_182661	CERK	ceramide kinase	-4,20	1,94E-04	1,02E-05	-2,06	3,88E-02
NM_020990	CKMT1	creatine kinase, mitochondrial 1 (ubiquitous)	-3,82	2,64E-04	1,08E-05	-1,55	7,71E-02
NM_001826	CKS1B	CDC28 protein kinase regulatory subunit 1B	-3,77	4,41E-04	1,17E-05	1,08	1,00E+00
NM_018571	ALS2CR2	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, canc	-3,64	4,41E-04	1,58E-05	-2,01	1,86E-02
NM_001654	ARAF	v-raf murine sarcoma 3611 viral oncogene homolog	-3,65	4,41E-04	1,59E-05	-1,25	2,99E-01
NM_014238	KSR	kinase suppressor of ras	-3,61	4,41E-04	2,01E-05	-1,50	2,38E-01
NM_005607	PTK2	PTK2 protein tyrosine kinase 2	-3,83	4,41E-04	2,17E-05	-1,19	5,48E-01
NM_000455	STK11	serine/threonine kinase 11 (Peutz-Jeghers syndrome)	-3,50	4,41E-04	2,19E-05	-1,11	1,00E+00
NM_004073	PLK3	polo-like kinase 3 (Drosophila)	-3,48	4,41E-04	2,29E-05	1,19	3,97E-01
NM_002958	RYK	RYK receptor-like tyrosine kinase	-3,51	4,41E-04	2,33E-05	-1,86	3,88E-02
NM_002744	PRKCZ	protein kinase C, zeta	-3,46	4,41E-04	2,49E-05	-1,34	2,61E-01

NM_002749	MAPK7	mitogen-activated protein kinase 7	-3,52	9,55E-04	2,50E-05	-1,09	1,00E+00
NM_002732	PRKACG	protein kinase, cAMP-dependent, catalytic, gamma	-3,39	9,55E-04	3,62E-05	2,63	7,71E-02
NM_018842	BAIAP2L1	BAI1-associated protein 2-like 1	-3,29	9,55E-04	3,64E-05	-2,54	3,88E-02
NM_002735	PRKAR1B	protein kinase, cAMP-dependent, regulatory, type I, beta	-3,32	9,55E-04	3,68E-05	-1,55	2,38E-01
NM_002005	FES	feline sarcoma oncogene	-3,21	9,55E-04	4,75E-05	-1,23	3,41E-01
NM_002612	PDK4	pyruvate dehydrogenase kinase, isoenzyme 4	-3,56	9,55E-04	4,85E-05	-2,03	3,19E-02
NM_004517	ILK	integrin-linked kinase	-3,16	9,55E-04	5,18E-05	2,01	2,38E-02
NM_001123	ADK	adenosine kinase	-3,18	9,55E-04	5,26E-05	1,44	9,16E-02
NM_152835	PDIK1L	PDLIM1 interacting kinase 1 like	-3,16	9,55E-04	5,85E-05	1,29	2,61E-01
NM_006182	DDR2	discoidin domain receptor family, member 2	-3,27	9,55E-04	5,95E-05	-1,10	1,00E+00
NM_004705	PRKRIR	protein-kinase, interferon-inducible double stranded RNA depende	-3,07	9,55E-04	6,94E-05	-1,33	2,61E-01
NM_004064	CDKN1B	cyclin-dependent kinase inhibitor 1B (p27, Kip1)	-3,05	9,55E-04	7,08E-05	1,18	5,48E-01
NM_000292	PHKA2	phosphorylase kinase, alpha 2 (liver)	-3,40	9,55E-04	7,10E-05	-1,35	2,61E-01
NM_004441	EPHB1	EPH receptor B1	-3,05	9,55E-04	7,30E-05	-1,26	2,77E-01
NM_004431	EPHA2	EPH receptor A2	-3,05	9,55E-04	7,37E-05	1,19	1,00E+00
NM_032294	CAMKK1	calcium/calmodulin-dependent protein kinase kinase 1, alpha	-3,03	9,55E-04	7,82E-05	-3,42	1,47E-02
NM_003576	STK24	serine/threonine kinase 24 (STE20 homolog, yeast)	-3,06	9,55E-04	7,90E-05	1,47	2,61E-01
NM_004842	AKAP7	A kinase (PRKA) anchor protein 7	-3,01	9,55E-04	8,19E-05	-1,39	1,17E-01
NM_153273	IHPK1	inositol hexaphosphate kinase 1	-3,00	9,55E-04	8,86E-05	-2,03	2,16E-02
NM_001743	CALM2	calmodulin 2 (phosphorylase kinase, delta)	-2,97	9,55E-04	9,31E-05	2,26	1,86E-02
NM_005255	GAK	cyclin G associated kinase	-2,95	9,55E-04	9,53E-05	-1,00	1,00E+00
NM_002645	PIK3C2A	phosphoinositide-3-kinase, class 2, alpha polypeptide	-3,09	9,55E-04	9,78E-05	-1,02	1,00E+00
NM_001619	ADRBK1	adrenergic, beta, receptor kinase 1	-2,96	9,55E-04	1,02E-04	-1,08	1,00E+00
NM_005184	CALM3	calmodulin 3 (phosphorylase kinase, delta)	-3,01	9,55E-04	1,02E-04	2,01	9,16E-02
NM_022344	NJMU-R1	protein kinase Njmu-R1	-2,94	9,55E-04	1,04E-04	-2,01	2,16E-02
NM_004203	PKMYT1	protein kinase, membrane associated tyrosine/threonine 1	-2,97	2,04E-03	1,05E-04	1,45	2,38E-01
NM_006712	FASTK	FAST kinase	-2,88	2,04E-03	1,23E-04	1,19	1,00E+00
NM_003390	WEE1	WEE1 homolog (S. pombe)	-2,90	2,04E-03	1,25E-04	1,24	5,50E-01
NM_004672	MAP3K6	mitogen-activated protein kinase kinase kinase 6	-2,89	2,88E-03	1,25E-04	-1,21	3,97E-01
NM_001715	BLK	B lymphoid tyrosine kinase	1,01	1,00E+00	5,00E-01	6,46	8,26E-03
NM_002082	GRK6	G protein-coupled receptor kinase 6	1,05	1,00E+00	4,99E-01	2,25	3,88E-02
NM_174858	AK5	adenylate kinase 5	1,01	1,00E+00	4,96E-01	1,60	4,87E-02
NM_012407	PRKCABP	protein kinase C, alpha binding protein	-2,85	2,88E-03	1,38E-04	1,48	7,71E-02
NM_001204	BMPR2	bone morphogenetic protein receptor, type II (serine/threonine kin	1,01	1,00E+00	4,94E-01	1,93	3,88E-02
NM_005813	PRKD3	protein kinase D3	-1,01	1,00E+00	4,88E-01	2,65	8,26E-03
NM_005921	MAP3K1	mitogen-activated protein kinase kinase kinase 1	1,09	1,00E+00	5,02E-01	-1,09	1,00E+00
NM_002649	PIK3CG	phosphoinositide-3-kinase, catalytic, gamma polypeptide	-1,01	1,00E+00	4,86E-01	1,24	3,97E-01
NM_173575	STK32C	serine/threonine kinase 32C	1,00	1,00E+00	4,81E-01	2,13	1,47E-02
NM_013254	TBK1	TANK-binding kinase 1	1,01	1,00E+00	4,81E-01	3,19	8,26E-03
NM_002110	HCK	hemopoietic cell kinase	-1,01	1,00E+00	4,81E-01	1,27	2,77E-01
NM_022128	RBKS	ribokinase	1,00	1,00E+00	5,04E-01	1,98	3,19E-02
XM_291141	MAST4	microtubule associated serine/threonine kinase family member 4	-1,01	1,00E+00	4,74E-01	2,67	8,26E-03

NM_003177	SYK	spleen tyrosine kinase	1,02	1,00E+00	4,73E-01	1,87	7,71E-02
NM_003607	CDC42BPA	CDC42 binding protein kinase alpha (DMPK-like)	-1,02	1,00E+00	4,72E-01	3,84	2,57E-02
NM_005108	XYLB	xylokinase homolog (H. influenzae)	-1,00	1,00E+00	4,72E-01	1,92	2,38E-02
NM_181795	PKIB	protein kinase (cAMP-dependent, catalytic) inhibitor beta	1,01	1,00E+00	4,69E-01	2,11	1,47E-02
NM_004734	DCAMKL1	doublecortin and CaM kinase-like 1	-2,77	2,88E-03	1,70E-04	1,02	1,00E+00
NM_002733	PRKAG1	protein kinase, AMP-activated, gamma 1 non-catalytic subunit	1,06	1,00E+00	4,62E-01	-1,09	8,06E-01
NM_014216	ITPK1	inositol 1,3,4-triphosphate 5/6 kinase	-1,01	1,00E+00	4,62E-01	1,40	9,16E-02
NM_018343	RIOK2	RIO kinase 2 (yeast)	-2,85	2,88E-03	1,79E-04	-1,14	8,06E-01
NM_004714	DYRK1B	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1B	1,13	1,00E+00	4,60E-01	4,07	4,87E-02
NM_014370	STK23	serine/threonine kinase 23	-1,03	1,00E+00	4,54E-01	1,94	2,16E-02
NM_003010	MAP2K4	mitogen-activated protein kinase kinase 4	-1,03	1,00E+00	4,50E-01	2,05	2,38E-02
NM_015133	MAPK8IP3	mitogen-activated protein kinase 8 interacting protein 3	1,03	1,00E+00	5,09E-01	1,71	3,88E-02
NM_004972	JAK2	Janus kinase 2 (a protein tyrosine kinase)	-2,74	2,88E-03	1,99E-04	1,59	2,77E-01
NM_004721	MAP3K13	mitogen-activated protein kinase kinase kinase 13	-2,72	2,88E-03	2,03E-04	1,10	1,00E+00
NM_002756	MAP2K3	mitogen-activated protein kinase kinase 3	-2,74	2,88E-03	2,06E-04	-1,61	2,38E-01
NM_017719	SNRK	SNF-1 related kinase	-1,03	1,00E+00	4,43E-01	1,47	1,56E-01
NM_006218	PIK3CA	phosphoinositide-3-kinase, catalytic, alpha polypeptide	-1,02	1,00E+00	4,42E-01	2,12	2,38E-02
NM_016457	PRKD2	protein kinase D2	-2,70	2,88E-03	2,15E-04	1,26	2,77E-01
NM_033550	TP53RK	TP53 regulating kinase	-1,01	1,00E+00	4,36E-01	1,43	1,62E-01
NM_013330	NME7	non-metastatic cells 7, protein expressed in (nucleoside-diphosphate)	-2,70	2,88E-03	2,20E-04	-1,95	2,38E-02
NM_006716	ASK	activator of S phase kinase	1,01	1,00E+00	5,11E-01	2,72	8,26E-03
NM_007194	CHEK2	CHK2 checkpoint homolog (S. pombe)	-1,01	1,00E+00	4,34E-01	2,08	2,16E-02
NM_001010844	IRAK1BP1	interleukin-1 receptor-associated kinase 1 binding protein 1	-1,04	1,00E+00	4,32E-01	2,37	1,47E-02
NM_005417	SRC	v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian)	-2,68	2,88E-03	2,27E-04	1,03	1,00E+00
NM_020421	ADCK1	aarF domain containing kinase 1	-2,78	2,88E-03	2,31E-04	-1,64	7,71E-02
NM_002748	MAPK6	mitogen-activated protein kinase 6	-2,69	2,88E-03	2,44E-04	-1,39	1,17E-01
NM_016653	ZAK	sterile alpha motif and leucine zipper containing kinase AZK	-1,02	1,00E+00	4,22E-01	1,27	2,99E-01
NM_005884	PAK4	p21(CDKN1A)-activated kinase 4	-2,66	2,88E-03	2,46E-04	1,10	1,00E+00
NM_015071	ARHGAP26	Rho GTPase activating protein 26	-1,05	1,00E+00	4,19E-01	2,61	8,26E-03
XM_375150	LOC400301	similar to protein kinase CHK2 isoform b; checkpoint-like protein C	-1,05	1,00E+00	4,17E-01	1,69	3,88E-02
NM_032028	STK22D	serine/threonine kinase 22D (spermiogenesis associated)	-2,72	2,88E-03	2,57E-04	-1,32	2,61E-01
NM_015716	MINK1	misshapen-like kinase 1 (zebrafish)	-1,03	1,00E+00	4,14E-01	1,84	2,38E-02
NM_004836	EIF2AK3	eukaryotic translation initiation factor 2-alpha kinase 3	-2,64	2,88E-03	2,62E-04	-1,17	5,81E-01
NM_015978	TNNI3K	TNNI3 interacting kinase	-1,04	1,00E+00	4,12E-01	1,45	7,71E-02
NM_138316	PANK1	pantothenate kinase 1	-1,04	1,00E+00	4,12E-01	1,64	4,87E-02
NM_003681	C21orf124	chromosome 21 open reading frame 124	-2,64	5,35E-03	1,12E-01	-7,61	8,26E-03
NM_015375	RIPK5	receptor interacting protein kinase 5	-1,04	1,00E+00	4,10E-01	1,68	4,31E-02
NM_002497	NEK2	NIMA (never in mitosis gene a)-related kinase 2	-1,05	1,00E+00	4,10E-01	1,74	9,16E-02
NM_030662	MAP2K2	mitogen-activated protein kinase kinase 2	-1,03	1,00E+00	4,06E-01	2,41	3,19E-02
NM_004760	STK17A	serine/threonine kinase 17a (apoptosis-inducing)	1,01	1,00E+00	5,16E-01	1,98	2,16E-02
NM_033266	ERN2	endoplasmic reticulum to nucleus signalling 2	-1,05	1,00E+00	3,98E-01	1,56	4,87E-02
NM_002747	MAPK4	mitogen-activated protein kinase 4	-2,62	5,35E-03	2,99E-04	1,26	3,41E-01

NM_004409	DMPK	dystrophia myotonica-protein kinase	-2,59	5,35E-03	3,12E-04	-1,22	3,97E-01
NM_145001	STK32A	serine/threonine kinase 32A	1,01	1,00E+00	5,19E-01	2,44	1,47E-02
NM_006904	PRKDC	protein kinase, DNA-activated, catalytic polypeptide	-1,01	1,00E+00	3,90E-01	1,48	2,77E-01
NM_002969	MAPK12	mitogen-activated protein kinase 12	-1,02	1,00E+00	3,87E-01	1,11	1,00E+00
NM_003559	PIP5K2B	phosphatidylinositol-4-phosphate 5-kinase, type II, beta	-2,56	5,35E-03	3,43E-04	1,54	1,62E-01
NM_178510	ANKK1	ankyrin repeat and kinase domain containing 1	-1,07	1,00E+00	3,74E-01	1,23	3,30E-01
NM_000269	NME1	non-metastatic cells 1, protein (NM23A) expressed in	-1,08	1,00E+00	3,74E-01	2,48	1,47E-02
NM_002753	MAPK10	mitogen-activated protein kinase 10	1,08	1,00E+00	3,74E-01	2,25	4,87E-02
NM_031892	SH3KBP1	SH3-domain kinase binding protein 1	-1,06	1,00E+00	3,73E-01	2,33	1,86E-02
NM_001203	BMPR1B	bone morphogenetic protein receptor, type IB	-1,02	1,00E+00	3,73E-01	2,79	1,86E-02
NM_005391	PDK3	pyruvate dehydrogenase kinase, isoenzyme 3	-1,06	1,00E+00	3,72E-01	1,95	7,71E-02
NM_004197	STK19	serine/threonine kinase 19	-1,05	1,00E+00	3,71E-01	2,22	1,47E-02
NM_003557	PIP5K1A	phosphatidylinositol-4-phosphate 5-kinase, type I, alpha	1,04	1,00E+00	3,70E-01	3,34	8,26E-03
NM_001892	CSNK1A1	casein kinase 1, alpha 1	-2,57	5,35E-03	3,75E-04	-1,01	1,00E+00
NM_003647	DGKE	diacylglycerol kinase, epsilon 64kDa	-1,06	1,00E+00	3,69E-01	1,85	2,21E-01
NM_003258	TK1	thymidine kinase 1, soluble	-1,05	1,00E+00	3,66E-01	1,90	7,71E-02
NM_003488	AKAP1	A kinase (PRKA) anchor protein 1	-2,54	5,35E-03	3,95E-04	-1,07	1,00E+00
NM_002736	PRKAR2B	protein kinase, cAMP-dependent, regulatory, type II, beta	-2,54	5,35E-03	4,01E-04	-1,64	7,71E-02
NM_004759	MAPKAPK2	mitogen-activated protein kinase-activated protein kinase 2	-1,08	1,00E+00	3,62E-01	-1,27	2,61E-01
NM_003629	PIK3R3	phosphoinositide-3-kinase, regulatory subunit 3 (p55, gamma)	-1,08	1,00E+00	3,62E-01	2,47	8,26E-03
NM_006549	CAMKK2	calcium/calmodulin-dependent protein kinase kinase 2, beta	1,02	1,00E+00	5,24E-01	1,61	7,71E-02
NM_018291	FLJ10986	hypothetical protein FLJ10986	-1,09	1,00E+00	3,55E-01	2,39	1,47E-02
NM_014911	AAK1	AP2 associated kinase 1	-2,51	5,35E-03	4,32E-04	-1,49	7,71E-02
NM_001570	IRAK2	interleukin-1 receptor-associated kinase 2	-2,49	5,35E-03	4,40E-04	1,33	2,61E-01
NM_001221	CAMK2D	calcium/calmodulin-dependent protein kinase (CaM kinase) II delta	-1,07	1,00E+00	3,50E-01	2,28	1,47E-02
NM_181839	PKIA	protein kinase (cAMP-dependent, catalytic) inhibitor alpha	-2,48	5,35E-03	4,62E-04	1,02	1,00E+00
NM_032017	MGC4796	Ser/Thr-like kinase	-2,48	5,35E-03	4,76E-04	-2,30	1,86E-02
NM_005433	YES1	v-yes-1 Yamaguchi sarcoma viral oncogene homolog 1	-1,07	1,00E+00	3,42E-01	2,39	2,72E-02
NM_013410	AK3	adenylate kinase 3	-2,48	5,35E-03	4,80E-04	2,35	1,47E-02
NM_002625	PFKFB1	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1	-1,10	1,00E+00	3,39E-01	1,82	3,88E-02
NM_012145	DTYMK	deoxythymidylate kinase (thymidylate kinase)	-2,44	5,35E-03	5,37E-04	-1,00	1,00E+00
NM_001274	CHEK1	CHK1 checkpoint homolog (S. pombe)	-2,45	5,35E-03	5,45E-04	1,18	5,81E-01
NM_052902	STK11IP	serine/threonine kinase 11 interacting protein	1,03	1,00E+00	5,31E-01	2,29	1,47E-02
NM_018584	CaMKIINalpha	calcium/calmodulin-dependent protein kinase II	-2,43	5,35E-03	5,82E-04	-1,63	7,71E-02
NM_000061	BTK	Bruton agammaglobulinemia tyrosine kinase	-2,42	5,35E-03	6,03E-04	1,50	9,16E-02
NM_006374	STK25	serine/threonine kinase 25 (STE20 homolog, yeast)	-2,41	5,35E-03	6,03E-04	-1,75	3,19E-02
NM_006852	TLK2	tousled-like kinase 2	-2,41	5,35E-03	6,20E-04	-1,05	1,00E+00
NM_006256	PKN2	protein kinase N2	-1,08	1,00E+00	3,11E-01	2,50	2,32E-02
NM_003942	RPS6KA4	ribosomal protein S6 kinase, 90kDa, polypeptide 4	-2,45	5,35E-03	6,40E-04	1,77	4,71E-01
XM_208545	LOC283155	similar to bone morphogenetic protein receptor, type IA precursor;	-2,39	5,35E-03	6,48E-04	-1,16	8,06E-01
NM_002754	MAPK13	mitogen-activated protein kinase 13	-2,39	5,35E-03	6,48E-04	-1,23	3,97E-01
NM_007229	PACSIN2	protein kinase C and casein kinase substrate in neurons 2	-2,39	5,35E-03	6,48E-04	1,40	9,16E-02

NM_017729	EPS8L1	EPS8-like 1	-2,38	5,35E-03	6,82E-04	-1,02	1,00E+00
NM_004567	PFKFB4	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4	-1,09	1,00E+00	2,96E-01	2,14	1,47E-02
NM_003600	STK6	serine/threonine kinase 6	-2,39	5,35E-03	7,22E-04	1,74	7,71E-02
NM_002651	PIK4CB	phosphatidylinositol 4-kinase, catalytic, beta polypeptide	-2,38	5,35E-03	7,22E-04	1,51	2,38E-01
NM_004274	AKAP6	A kinase (PRKA) anchor protein 6	-2,36	5,35E-03	7,57E-04	-1,44	9,16E-02
NM_152910	DGKH	diacylglycerol kinase, eta	-1,13	1,00E+00	2,87E-01	1,03	1,00E+00
NM_005356	LCK	lymphocyte-specific protein tyrosine kinase	-2,34	5,35E-03	7,89E-04	-1,71	4,31E-02
NM_004440	EPHA7	EPH receptor A7	-2,34	5,35E-03	8,12E-04	-1,01	1,00E+00
NM_003948	CDKL2	cyclin-dependent kinase-like 2 (CDC2-related kinase)	1,08	1,00E+00	5,39E-01	2,36	3,88E-02
NM_001433	ERN1	endoplasmic reticulum to nucleus signalling 1	-2,32	5,35E-03	8,48E-04	1,09	1,00E+00
NM_152883	PTK7	PTK7 protein tyrosine kinase 7	-2,33	5,35E-03	8,52E-04	1,28	2,77E-01
NM_004444	EPHB4	EPH receptor B4	-2,32	5,35E-03	8,56E-04	1,91	3,88E-02
NM_004635	MAPKAPK3	mitogen-activated protein kinase-activated protein kinase 3	-1,13	1,00E+00	2,77E-01	2,17	1,47E-02
NM_001292	CLK3	CDC-like kinase 3	-2,32	5,35E-03	8,60E-04	-1,04	1,00E+00
NM_002020	FLT4	fms-related tyrosine kinase 4	-2,33	5,35E-03	8,61E-04	1,26	3,97E-01
NM_002759	EIF2AK2	eukaryotic translation initiation factor 2-alpha kinase 2	-2,34	9,62E-03	8,61E-04	-1,21	5,48E-01
NM_018323	PI4K2B	phosphatidylinositol 4-kinase type-II beta	1,03	1,00E+00	5,40E-01	1,22	3,41E-01
NM_000077	CDKN2A	cyclin-dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK	-1,09	1,00E+00	2,73E-01	2,20	4,87E-02
NM_023018	FLJ13052	NAD kinase	-1,14	1,00E+00	2,73E-01	1,27	2,77E-01
NM_032844	MASTL	microtubule associated serine/threonine kinase-like	-1,15	1,00E+00	2,72E-01	1,14	1,00E+00
NM_003682	MADD	MAP-kinase activating death domain	-1,12	1,00E+00	2,72E-01	2,48	3,88E-02
NM_014994	MAPKBP1	mouse mitogen-activated protein kinase binding protein 1-like	-2,30	9,62E-03	9,25E-04	1,25	2,77E-01
NM_006285	TESK1	testis-specific kinase 1	-2,31	9,62E-03	9,41E-04	2,09	4,31E-02
NM_012424	RPS6KC1	ribosomal protein S6 kinase, 52kDa, polypeptide 1	-1,15	1,00E+00	2,65E-01	1,81	3,19E-02
NM_001396	DYRK1A	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 1A	-1,10	1,00E+00	2,64E-01	-1,04	1,00E+00
NM_000476	AK1	adenylate kinase 1	1,09	1,00E+00	2,61E-01	-1,65	9,16E-02
NM_001315	MAPK14	mitogen-activated protein kinase 14	-2,28	9,62E-03	1,03E-03	1,05	1,00E+00
NM_052947	ALPK2	alpha-kinase 2	-1,16	1,00E+00	2,55E-01	3,73	8,26E-03
NM_032037	SSTK	serine/threonine protein kinase SSTK	-2,27	9,62E-03	1,07E-03	-2,89	2,02E-02
NM_005627	SGK	serum/glucocorticoid regulated kinase	-1,13	1,00E+00	2,52E-01	3,09	3,88E-02
NM_017900	AKIP	aurora-A kinase interacting protein	-2,26	9,62E-03	1,10E-03	1,22	3,41E-01
NM_014840	ARK5	AMP-activated protein kinase family member 5	-2,26	9,62E-03	1,10E-03	-1,02	1,00E+00
NM_001381	DOK1	docking protein 1, 62kDa (downstream of tyrosine kinase 1)	-1,17	1,00E+00	2,47E-01	-1,13	8,06E-01
NM_002822	PTK9	PTK9 protein tyrosine kinase 9	-1,11	1,00E+00	2,46E-01	2,24	7,71E-02
NM_005990	STK10	serine/threonine kinase 10	-2,25	9,62E-03	1,17E-03	1,03	1,00E+00
NM_015016	MAST3	microtubule associated serine/threonine kinase 3	-1,16	1,00E+00	2,44E-01	1,55	7,71E-02
NM_006888	CALM1	calmodulin 1 (phosphorylase kinase, delta)	-2,24	9,62E-03	1,21E-03	-1,21	3,97E-01
NM_000293	PHKB	phosphorylase kinase, beta	-1,17	1,00E+00	2,40E-01	2,07	4,87E-02
NM_000431	MVK	mevalonate kinase (mevalonic aciduria)	-2,24	9,62E-03	1,23E-03	-1,28	2,99E-01
NM_002512	NME2	non-metastatic cells 2, protein (NM23B) expressed in	-2,24	9,62E-03	1,24E-03	-1,14	8,06E-01
NM_006219	PIK3CB	phosphoinositide-3-kinase, catalytic, beta polypeptide	-2,23	9,62E-03	1,25E-03	1,11	1,00E+00
NM_002019	FLT1	fms-related tyrosine kinase 1 (vascular endothelial growth factor/va	-1,17	1,00E+00	2,37E-01	1,17	8,06E-01

NM_006282	STK4	serine/threonine kinase 4	-2,23	9,62E-03	1,27E-03	1,37	2,77E-01
NM_003328	TXK	TXK tyrosine kinase	-2,22	9,62E-03	1,29E-03	1,60	7,71E-02
NM_004712	HGS	hepatocyte growth factor-regulated tyrosine kinase substrate	-2,08	1,20E-02	1,31E-03	2,50	2,61E-01
NM_002752	MAPK9	mitogen-activated protein kinase 9	-1,18	1,00E+00	2,32E-01	1,14	1,00E+00
NM_152671	PIP5K3	phosphatidylinositol-3-phosphate/phosphatidylinositol 5-kinase, tyrosine	-1,18	6,77E-01	2,31E-01	1,84	2,38E-02
NM_016123	IRAK4	interleukin-1 receptor-associated kinase 4	-1,18	6,77E-01	2,31E-01	1,40	9,16E-02
NM_004071	CLK1	CDC-like kinase 1	-1,18	6,77E-01	2,30E-01	2,29	1,86E-02
NM_002758	MAP2K6	mitogen-activated protein kinase kinase 6	-2,21	1,20E-02	1,39E-03	1,35	2,38E-01
NM_014371	AKAP8L	A kinase (PRKA) anchor protein 8-like	-1,18	6,77E-01	2,27E-01	1,34	2,61E-01
NM_017771	PXK	PX domain containing serine/threonine kinase	-1,18	6,77E-01	2,27E-01	1,78	7,71E-02
NM_005160	ADRBK2	adrenergic, beta, receptor kinase 2	1,04	1,00E+00	5,49E-01	1,73	3,88E-02
NM_020526	EPHA8	EPH receptor A8	-2,20	1,20E-02	1,42E-03	-1,04	1,00E+00
NM_006738	AKAP13	A kinase (PRKA) anchor protein 13	-1,16	6,77E-01	2,25E-01	1,67	3,88E-02
NM_013233	STK39	serine threonine kinase 39 (STE20/SPS1 homolog, yeast)	-1,19	6,77E-01	2,22E-01	1,80	3,19E-02
NM_017525	CDC42BPG	CDC42 binding protein kinase gamma (DMPK-like)	-2,19	1,20E-02	1,49E-03	-2,07	4,87E-02
NM_005372	MOS	v-mos Moloney murine sarcoma viral oncogene homolog	-1,13	6,77E-01	2,20E-01	1,31	2,61E-01
NM_001799	CDK7	cyclin-dependent kinase 7 (MO15 homolog, Xenopus laevis, cdk-a)	-1,15	6,77E-01	2,13E-01	1,89	4,87E-02
NM_020168	PAK6	p21(CDKN1A)-activated kinase 6	-2,17	1,20E-02	1,64E-03	-1,17	5,50E-01
NM_005009	NME4	non-metastatic cells 4, protein expressed in	-2,17	1,20E-02	1,64E-03	1,21	5,81E-01
NM_053006	STK22B	serine/threonine kinase 22B (spermiogenesis associated)	-1,20	6,77E-01	2,12E-01	1,62	4,31E-02
NM_003188	MAP3K7	mitogen-activated protein kinase kinase kinase 7	-1,19	6,77E-01	2,11E-01	2,53	2,02E-02
NM_018650	MARK1	MAP/microtubule affinity-regulating kinase 1	-2,16	1,20E-02	1,66E-03	1,64	4,31E-02
NM_002646	PIK3C2B	phosphoinositide-3-kinase, class 2, beta polypeptide	-1,19	6,77E-01	2,09E-01	1,34	2,77E-01
NM_002626	PFKL	phosphofructokinase, liver	-2,14	1,20E-02	1,75E-03	-1,46	2,61E-01
NM_017886	ULK4	unc-51-like kinase 4 (C. elegans)	-1,19	6,77E-01	2,05E-01	1,56	9,16E-02
NM_001262	CDKN2C	cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)	-2,15	1,20E-02	1,77E-03	1,94	2,16E-02
NM_003242	TGFBR2	transforming growth factor, beta receptor II (70/80kDa)	-1,21	6,77E-01	2,03E-01	1,60	4,87E-02
NM_001954	DDR1	discoidin domain receptor family, member 1	-1,20	6,77E-01	2,01E-01	1,95	2,72E-02
NM_013302	EEF2K	eukaryotic elongation factor-2 kinase	-2,14	1,20E-02	1,85E-03	1,20	3,97E-01
NM_025194	ITPKC	inositol 1,4,5-trisphosphate 3-kinase C	-2,13	1,20E-02	1,87E-03	-2,10	9,16E-02
NM_005163	AKT1	v-akt murine thymoma viral oncogene homolog 1	-2,13	1,20E-02	1,89E-03	-1,30	2,77E-01
NM_000189	HK2	hexokinase 2	-2,13	1,20E-02	1,89E-03	-1,23	2,99E-01
NM_002730	PRKACA	protein kinase, cAMP-dependent, catalytic, alpha	-2,13	1,20E-02	1,89E-03	1,51	9,16E-02
NM_001319	CSNK1G2	casein kinase 1, gamma 2	-1,21	6,77E-01	1,97E-01	3,45	8,26E-03
NM_173515	MAGI1	membrane associated guanylate kinase interacting protein-like 1	-2,12	1,20E-02	1,96E-03	3,44	8,26E-03
NM_006648	WNK2	WNK lysine deficient protein kinase 2	-1,22	6,00E-01	1,95E-01	-1,40	1,62E-01
NM_005922	MAP3K4	mitogen-activated protein kinase kinase kinase 4	-2,12	1,20E-02	1,97E-03	-1,00	1,00E+00
NM_015981	CAMK2A	calcium/calmodulin-dependent protein kinase (CaM kinase) II alpha	-1,20	6,00E-01	1,95E-01	1,96	2,02E-02
NM_030952	SNARK	likely ortholog of rat SNF1/AMP-activated protein kinase	-1,21	6,00E-01	1,95E-01	-1,69	4,87E-02
NM_001346	DGKG	diacylglycerol kinase, gamma 90kDa	-2,12	1,20E-02	1,98E-03	-1,13	8,06E-01
NM_002627	PFKP	phosphofructokinase, platelet	-2,12	1,20E-02	2,00E-03	1,13	8,06E-01
NM_001258	CDK3	cyclin-dependent kinase 3	-2,12	1,58E-02	2,03E-03	1,69	3,88E-02

NM_002529	NTRK1	neurotrophic tyrosine kinase, receptor, type 1	-1,20	6,00E-01	1,92E-01	1,60	7,71E-02
NM_005858	AKAP8	A kinase (PRKA) anchor protein 8	-1,20	6,00E-01	1,89E-01	2,97	8,26E-03
NM_021733	TSKS	testis-specific kinase substrate	-1,21	6,00E-01	1,89E-01	3,74	8,26E-03
NM_002745	MAPK1	mitogen-activated protein kinase 1	-2,10	1,58E-02	2,16E-03	-1,23	3,41E-01
NM_005012	ROR1	receptor tyrosine kinase-like orphan receptor 1	-2,10	1,58E-02	2,20E-03	2,16	4,87E-02
NM_003804	RIPK1	receptor (TNFRSF)-interacting serine-threonine kinase 1	-1,21	6,00E-01	1,85E-01	1,28	2,61E-01
NM_001626	AKT2	v-akt murine thymoma viral oncogene homolog 2	-2,10	1,58E-02	2,21E-03	1,88	3,88E-02
NM_003565	ULK1	unc-51-like kinase 1 (C. elegans)	-1,21	6,00E-01	1,83E-01	1,96	2,38E-02
NM_002637	PHKA1	phosphorylase kinase, alpha 1 (muscle)	-2,07	1,58E-02	2,25E-03	-1,02	1,00E+00
NM_001744	CAMK4	calcium/calmodulin-dependent protein kinase IV	-1,23	6,00E-01	1,83E-01	1,33	2,99E-01
NM_002739	PRKCG	protein kinase C, gamma	-2,08	1,58E-02	2,36E-03	-1,11	1,00E+00
AB037838	IBTK	inhibitor of Bruton agammaglobulinemia tyrosine kinase	-1,20	6,00E-01	1,77E-01	1,96	2,38E-02
NM_020397	CAMK1D	calcium/calmodulin-dependent protein kinase ID	-2,08	1,58E-02	2,43E-03	-1,73	3,88E-02
NM_007199	IRAK3	interleukin-1 receptor-associated kinase 3	-2,07	1,58E-02	2,45E-03	1,06	1,00E+00
NM_001929	DGUOK	deoxyguanosine kinase	-1,24	5,33E-01	1,75E-01	2,77	8,26E-03
NM_003558	PIP5K1B	phosphatidylinositol-4-phosphate 5-kinase, type I, beta	-1,18	6,00E-01	1,75E-01	2,16	3,19E-02
NM_014365	HSPB8	heat shock 22kDa protein 8	-1,24	5,33E-01	1,74E-01	1,84	3,88E-02
NM_022731	NUCKS	nuclear ubiquitous casein kinase and cyclin-dependent kinase sub	-1,24	5,33E-01	1,74E-01	1,95	3,19E-02
NM_002648	PIM1	pim-1 oncogene	-2,05	1,58E-02	2,51E-03	-1,21	3,97E-01
NM_004834	MAP4K4	mitogen-activated protein kinase kinase kinase kinase 4	-1,24	5,33E-01	1,73E-01	1,68	1,17E-01
NM_002647	PIK3C3	phosphoinositide-3-kinase, class 3	-1,24	5,33E-01	1,72E-01	1,11	1,00E+00
NM_002610	PDK1	pyruvate dehydrogenase kinase, isoenzyme 1	-1,24	5,33E-01	1,71E-01	1,33	2,38E-01
NM_001345	DGKA	diacylglycerol kinase, alpha 80kDa	-1,24	5,33E-01	1,71E-01	1,40	3,41E-01
NM_001348	DAPK3	death-associated protein kinase 3	-2,06	1,58E-02	2,61E-03	1,38	3,41E-01
NM_003618	MAP4K3	mitogen-activated protein kinase kinase kinase kinase 3	-1,17	5,33E-01	1,70E-01	2,22	3,88E-02
NM_032435	KIAA1804	mixed lineage kinase 4	-2,06	1,58E-02	2,64E-03	-1,11	1,00E+00
NM_000215	JAK3	Janus kinase 3 (a protein tyrosine kinase, leukocyte)	-1,22	5,33E-01	1,69E-01	2,51	1,47E-02
NM_004383	CSK	c-src tyrosine kinase	-2,06	1,58E-02	2,65E-03	3,19	8,26E-03
NM_002577	PAK2	p21 (CDKN1A)-activated kinase 2	-1,24	5,33E-01	1,69E-01	2,29	3,19E-02
NM_003831	RIOK3	RIO kinase 3 (yeast)	-1,20	5,33E-01	1,69E-01	1,76	2,38E-01
NM_020791	TAOK1	TAO kinase 1	-2,05	1,58E-02	2,70E-03	-1,12	1,00E+00
NM_019884	GSK3A	glycogen synthase kinase 3 alpha	-1,24	5,33E-01	1,65E-01	2,72	2,38E-02
NM_032538	TTBK1	tau tubulin kinase 1	-2,04	1,58E-02	2,80E-03	-2,06	2,32E-02
NM_001184	ATR	ataxia telangiectasia and Rad3 related	-2,04	1,58E-02	2,81E-03	1,84	3,19E-02
NM_004443	EPHB3	EPH receptor B3	1,05	1,00E+00	5,61E-01	2,37	3,88E-02
NM_003668	MAPKAPK5	mitogen-activated protein kinase-activated protein kinase 5	-2,02	1,58E-02	2,86E-03	1,34	3,97E-01
NM_152696	HIPK1	homeodomain interacting protein kinase 1	-1,25	5,33E-01	1,62E-01	2,15	1,47E-02
NM_020126	SPHK2	sphingosine kinase 2	-2,04	1,87E-02	2,88E-03	-3,66	8,26E-03
NM_006212	PFKFB2	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2	-1,25	5,33E-01	1,62E-01	1,03	1,00E+00
NM_003639	IKBKG	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinas	-1,23	5,33E-01	1,61E-01	1,55	2,21E-01
NM_033118	MYLK2	myosin light chain kinase 2, skeletal muscle	-1,23	5,33E-01	1,61E-01	-1,04	8,06E-01
NM_015093	MAP3K7IP2	mitogen-activated protein kinase kinase kinase 7 interacting protei	-2,03	1,87E-02	2,96E-03	1,47	7,71E-02

NM_025144	ALPK1	alpha-kinase 1	-2,02	1,87E-02	3,09E-03	1,25	2,77E-01
NM_002755	MAP2K1	mitogen-activated protein kinase kinase 1	-2,02	1,87E-02	3,14E-03	1,24	2,99E-01
NM_133494	NEK7	NIMA (never in mitosis gene a)-related kinase 7	-1,27	5,33E-01	1,53E-01	1,48	9,16E-02
NM_003885	CDK5R1	cyclin-dependent kinase 5, regulatory subunit 1 (p35)	-2,01	1,87E-02	3,22E-03	1,06	1,00E+00
NM_016542	MST4	Mst3 and SOK1-related kinase	-2,01	1,87E-02	3,25E-03	-1,05	1,00E+00
NM_006622	PLK2	polo-like kinase 2 (Drosophila)	-2,00	1,87E-02	3,30E-03	1,44	9,16E-02
NM_012224	NEK1	NIMA (never in mitosis gene a)-related kinase 1	-1,99	2,45E-02	3,32E-03	1,34	2,38E-01
NM_024779	PIP5K2C	phosphatidylinositol-4-phosphate 5-kinase, type II, gamma	-1,27	5,33E-01	1,50E-01	1,38	2,61E-01
NM_001079	ZAP70	zeta-chain (TCR) associated protein kinase 70kDa	-1,22	5,33E-01	1,50E-01	1,75	3,88E-02
NM_002596	PCTK3	PCTAIRE protein kinase 3	-1,13	5,33E-01	1,49E-01	1,43	1,00E+00
NM_007181	MAP4K1	mitogen-activated protein kinase kinase kinase kinase 1	-1,27	5,33E-01	1,47E-01	-1,00	1,00E+00
NM_002740	PRKCI	protein kinase C, iota	-1,97	2,45E-02	3,55E-03	-1,06	1,00E+00
NM_002044	GALK2	galactokinase 2	-1,24	5,33E-01	1,45E-01	1,48	2,61E-01
NM_002611	PDK2	pyruvate dehydrogenase kinase, isoenzyme 2	-1,98	2,45E-02	3,63E-03	1,10	1,00E+00
NM_145185	MAP2K7	mitogen-activated protein kinase kinase 7	-1,98	2,45E-02	3,64E-03	1,17	5,50E-01
NM_033214	GK2	glycerol kinase 2	-1,98	3,38E-02	3,65E-03	1,66	2,77E-01
NM_006422	AKAP3	A kinase (PRKA) anchor protein 3	1,06	1,00E+00	5,65E-01	2,40	1,47E-02
NM_014030	GIT1	G protein-coupled receptor kinase interactor 1	-1,27	5,33E-01	1,43E-01	2,32	1,47E-02
NM_006255	PRKCH	protein kinase C, eta	-1,27	5,33E-01	1,41E-01	1,67	3,88E-02
NM_016291	IHPK2	inositol hexaphosphate kinase 2	-1,27	5,33E-01	1,39E-01	1,58	7,71E-02
NM_005965	MYLK	myosin, light polypeptide kinase	-1,97	3,38E-02	3,92E-03	1,97	4,87E-02
NM_016308	UMP-CMPK	UMP-CMP kinase	-1,28	5,33E-01	1,36E-01	1,81	3,88E-02
NM_017449	EPHB2	EPH receptor B2	-1,28	5,33E-01	1,36E-01	1,99	3,88E-02
NM_004560	ROR2	receptor tyrosine kinase-like orphan receptor 2	-1,91	3,38E-02	4,01E-03	-1,26	3,41E-01
NM_002350	LYN	v-src-1 Yamaguchi sarcoma viral related oncogene homolog	-1,94	3,38E-02	4,02E-03	2,41	1,47E-02
NM_004857	AKAP5	A kinase (PRKA) anchor protein 5	-1,29	5,33E-01	1,34E-01	1,36	2,61E-01
NM_003332	TYROBP	TYRO protein tyrosine kinase binding protein	-1,26	5,33E-01	1,33E-01	1,58	9,16E-02
NM_152619	DCAMKL2	doublecortin and CaM kinase-like 2	-1,28	5,33E-01	1,33E-01	2,11	1,47E-02
NM_003952	RPS6KB2	ribosomal protein S6 kinase, 70kDa, polypeptide 2	-1,27	5,33E-01	1,33E-01	1,97	2,38E-02
NM_004850	ROCK2	Rho-associated, coiled-coil containing protein kinase 2	-1,95	3,38E-02	4,37E-03	1,56	4,87E-02
NM_005158	ABL2	v-abl Abelson murine leukemia viral oncogene homolog 2 (arg, Abi)	-1,95	3,38E-02	4,38E-03	1,21	3,97E-01
NM_006176	NRGN	neurogranin (protein kinase C substrate, RC3)	-1,91	3,38E-02	4,42E-03	-1,40	2,77E-01
NM_014720	SLK	STE20-like kinase (yeast)	-1,94	3,38E-02	4,51E-03	-1,07	1,00E+00
NM_054113	CIB3	calcium and integrin binding family member 3	1,04	1,00E+00	5,69E-01	1,68	3,88E-02
NM_001896	CSNK2A2	casein kinase 2, alpha prime polypeptide	-1,24	5,33E-01	1,22E-01	1,78	2,61E-01
NM_014586	HUNK	hormonally upregulated Neu-associated kinase	-1,92	3,38E-02	4,84E-03	1,50	7,71E-02
NM_033141	MAP3K9	mitogen-activated protein kinase kinase kinase 9	-1,28	5,33E-01	1,19E-01	2,42	1,47E-02
NM_000222	KIT	v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog	-1,31	5,33E-01	1,19E-01	1,45	2,99E-01
NM_006213	PHKG1	phosphorylase kinase, gamma 1 (muscle)	-1,89	3,38E-02	5,47E-03	-1,28	2,99E-01
NM_031417	MARK4	MAP/microtubule affinity-regulating kinase 4	-1,89	3,38E-02	5,47E-03	-1,10	1,00E+00
NM_005975	PTK6	PTK6 protein tyrosine kinase 6	-1,89	3,38E-02	5,52E-03	-1,35	2,61E-01
NM_024800	NEK11	NIMA (never in mitosis gene a)- related kinase 11	-1,90	3,38E-02	5,57E-03	-1,43	1,62E-01

NM_015112	MAST2	microtubule associated serine/threonine kinase 2	-1,90	3,38E-02	5,58E-03	1,43	1,56E-01
NM_003681	PDXK	pyridoxal (pyridoxine, vitamin B6) kinase	-1,24	5,33E-01	2,70E-04	1,98	9,16E-02
NM_015518	ULK3	unc-51-like kinase 3 (C. elegans)	-1,32	4,11E-01	1,12E-01	1,67	3,88E-02
AB014541	AATK	apoptosis-associated tyrosine kinase	-1,29	4,11E-01	1,11E-01	1,85	2,38E-01
NM_005157	ABL1	v-abl Abelson murine leukemia viral oncogene homolog 1	-1,88	3,38E-02	5,68E-03	1,64	3,41E-01
NM_002595	PCTK2	PCTAIRE protein kinase 2	-1,27	4,11E-01	1,11E-01	2,80	1,86E-02
NM_015690	STK36	serine/threonine kinase 36 (fused homolog, Drosophila)	-1,33	4,11E-01	1,11E-01	1,56	4,87E-02
NM_013355	PKN3	protein kinase N3	-1,89	3,38E-02	5,75E-03	1,07	1,00E+00
NM_014264	PLK4	polo-like kinase 4 (Drosophila)	-1,89	3,38E-02	5,77E-03	-1,37	2,38E-01
NM_001827	CKS2	CDC28 protein kinase regulatory subunit 2	-1,29	4,11E-01	1,09E-01	3,59	1,47E-02
NM_000459	TEK	TEK tyrosine kinase, endothelial (venous malformations, multiple c	-1,86	3,38E-02	5,90E-03	1,68	7,71E-02
NM_152327	AK7	adenylate kinase 7	-1,32	4,11E-01	1,08E-01	1,86	2,38E-02
NM_001893	CSNK1D	casein kinase 1, delta	-1,29	4,11E-01	1,08E-01	1,15	1,00E+00
NM_003684	MKNK1	MAP kinase interacting serine/threonine kinase 1	-1,87	3,38E-02	6,04E-03	1,95	3,88E-02
NM_003648	DGKD	diacylglycerol kinase, delta 130kDa	-1,29	4,11E-01	1,07E-01	1,19	1,00E+00
NM_016231	NLK	nemo like kinase	-1,88	3,38E-02	6,09E-03	1,62	3,88E-02
NM_005400	PRKCE	protein kinase C, epsilon	-1,33	4,11E-01	1,06E-01	1,45	3,97E-01
NM_003936	CDK5R2	cyclin-dependent kinase 5, regulatory subunit 2 (p39)	-1,78	3,38E-02	6,36E-03	2,30	1,17E-01
NM_006180	NTRK2	neurotrophic tyrosine kinase, receptor, type 2	-1,65	3,38E-02	6,37E-03	-2,00	1,56E-01
NM_005232	EPHA1	EPH receptor A1	-1,86	3,38E-02	6,45E-03	1,55	1,00E+00
NM_152776	MGC40579	hypothetical protein MGC40579	-1,86	3,38E-02	6,55E-03	1,22	3,30E-01
NM_000167	GK	glycerol kinase	-1,86	3,38E-02	6,59E-03	1,31	3,41E-01
NM_018638	ETNK1	ethanolamine kinase 1	-1,86	3,38E-02	6,59E-03	2,17	3,19E-02
NM_024619	FN3KRP	fructosamine-3-kinase-related protein	-1,34	4,11E-01	1,01E-01	1,60	4,87E-02
NM_001699	AXL	AXL receptor tyrosine kinase	-1,24	4,11E-01	1,01E-01	3,61	8,26E-03
NM_006201	PCTK1	PCTAIRE protein kinase 1	-1,86	3,38E-02	6,74E-03	1,49	2,61E-01
NM_003318	TTK	TTK protein kinase	-1,79	3,38E-02	6,89E-03	1,48	2,38E-01
NM_000154	GALK1	galactokinase 1	-1,35	4,11E-01	9,81E-02	1,59	4,87E-02
NM_003640	IKBKAP	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinas	-1,31	4,11E-01	9,80E-02	1,71	3,88E-02
NM_015076	CDC2L6	cell division cycle 2-like 6 (CDK8-like)	-1,85	3,38E-02	6,97E-03	1,67	3,88E-02
NM_005044	PRKX	protein kinase, X-linked	-1,83	3,38E-02	7,00E-03	1,27	2,61E-01
NM_024960	PANK2	pantothenate kinase 2 (Hallervorden-Spatz syndrome)	-1,85	3,96E-02	7,05E-03	-1,36	2,61E-01
NM_004384	CSNK1G3	casein kinase 1, gamma 3	-1,83	4,78E-02	7,18E-03	1,42	9,16E-02
NM_003161	RPS6KB1	ribosomal protein S6 kinase, 70kDa, polypeptide 1	-1,28	4,11E-01	9,48E-02	1,85	2,38E-02
NM_000141	FGFR2	fibroblast growth factor receptor 2 (bacteria-expressed kinase, ker	-1,34	4,11E-01	9,38E-02	1,79	7,71E-02
NM_002772	PRSS7	protease, serine, 7 (enterokinase)	-1,35	4,11E-01	9,36E-02	1,91	2,38E-02
BX640919	EIF2AK4	eukaryotic translation initiation factor 2 alpha kinase 4	-1,35	4,11E-01	9,22E-02	1,40	2,21E-01
NM_003957	STK29	serine/threonine kinase 29	-1,30	4,11E-01	9,16E-02	1,76	2,38E-01
NM_178170	NEK8	NIMA (never in mitosis gene a)- related kinase 8	1,04	1,00E+00	5,76E-01	1,30	2,61E-01
NM_020922	WNK3	WNK lysine deficient protein kinase 3	-1,82	4,78E-02	8,10E-03	1,22	8,06E-01
NM_004614	TK2	thymidine kinase 2, mitochondrial	-1,30	4,11E-01	8,82E-02	1,17	1,00E+00
NM_020240	CDC42SE2	CDC42 small effector 2	-1,37	4,11E-01	8,71E-02	1,44	1,00E+00

NM_033126	PSKH2	protein serine kinase H2	-1,82	4,78E-02	8,34E-03	-1,71	7,71E-02
NM_005456	MAPK8IP1	mitogen-activated protein kinase 8 interacting protein 1	-1,80	4,78E-02	8,72E-03	1,13	8,06E-01
NM_000389	CDKN1A	cyclin-dependent kinase inhibitor 1A (p21, Cip1)	-1,79	4,78E-02	8,79E-03	1,70	7,71E-02
NM_020804	PACSIN1	protein kinase C and casein kinase substrate in neurons 1	-1,80	4,78E-02	8,84E-03	-1,06	1,00E+00
NM_004935	CDK5	cyclin-dependent kinase 5	-1,79	4,78E-02	8,91E-03	1,34	2,38E-01
NM_031432	UCK1	uridine-cytidine kinase 1	-1,80	4,78E-02	8,90E-03	-1,65	3,88E-02
NM_032840	FLJ14800	hypothetical protein FLJ14800	-1,80	4,78E-02	8,91E-03	1,03	1,00E+00
NM_002356	MARCKS	myristoylated alanine-rich protein kinase C substrate	-1,34	4,11E-01	8,32E-02	2,38	2,16E-02
NM_001616	ACVR2	activin A receptor, type II	-1,79	4,78E-02	8,95E-03	2,25	3,19E-02
NM_007170	TESK2	testis-specific kinase 2	-1,80	4,78E-02	8,98E-03	1,43	1,17E-01
NM_016282	AK3L1	adenylate kinase 3 like 1	-1,37	3,76E-01	8,24E-02	1,49	7,71E-02
NM_013392	NRBP	nuclear receptor binding protein	-1,80	4,78E-02	9,22E-03	1,78	3,19E-02
NM_004448	ERBB2	v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/	-1,39	3,76E-01	8,13E-02	1,53	9,16E-02
NM_004586	RPS6KA3	ribosomal protein S6 kinase, 90kDa, polypeptide 3	-1,34	3,76E-01	8,11E-02	2,21	1,86E-02
NM_005983	SKP2	S-phase kinase-associated protein 2 (p45)	-1,78	4,78E-02	9,31E-03	1,27	3,97E-01
NM_018492	PBK	PDZ binding kinase	-1,79	4,78E-02	9,51E-03	-1,90	7,71E-02
NM_004445	EPHB6	EPH receptor B6	-1,78	4,78E-02	9,64E-03	-1,25	2,99E-01
NM_018401	STK32B	serine/threonine kinase 32B	-1,79	4,78E-02	9,62E-03	-2,39	1,47E-02
NM_174922	ADCK5	aarF domain containing kinase 5	-1,39	3,76E-01	7,88E-02	1,84	2,38E-02
NM_002576	PAK1	p21/Cdc42/Rac1-activated kinase 1 (STE20 homolog, yeast)	-1,79	5,23E-02	9,74E-03	1,51	7,71E-02
NM_002115	HK3	hexokinase 3 (white cell)	-1,38	3,76E-01	7,74E-02	1,54	2,61E-01
NM_006296	VRK2	vaccinia related kinase 2	-1,33	3,76E-01	7,67E-02	2,31	2,38E-02
NM_182948	PRKACB	protein kinase, cAMP-dependent, catalytic, beta	-1,78	5,23E-02	1,02E-02	2,08	4,31E-02
NM_006343	MERTK	c-mer proto-oncogene tyrosine kinase	-1,77	5,23E-02	1,02E-02	1,28	2,61E-01
NM_005592	MUSK	muscle, skeletal, receptor tyrosine kinase	-1,77	5,23E-02	1,03E-02	1,25	2,99E-01
NM_002746	MAPK3	mitogen-activated protein kinase 3	-1,77	6,82E-02	1,04E-02	1,11	1,00E+00
NM_025228	T3JAM	TRAF3-interacting Jun N-terminal kinase (JNK)-activating modulat	-1,40	3,76E-01	7,44E-02	1,01	1,00E+00
NM_152528	WDSAM1	WD repeat and SAM domain containing 1	-1,40	3,20E-01	7,42E-02	2,24	1,47E-02
NM_006252	PRKAA2	protein kinase, AMP-activated, alpha 2 catalytic subunit	-1,36	3,20E-01	7,37E-02	2,73	8,26E-03
NM_002419	MAP3K11	mitogen-activated protein kinase kinase kinase 11	-1,38	3,20E-01	7,34E-02	1,07	1,00E+00
NM_001259	CDK6	cyclin-dependent kinase 6	-1,74	6,82E-02	1,08E-02	2,48	1,47E-02
NM_003137	SRPK1	SFRS protein kinase 1	-1,76	7,86E-02	1,09E-02	1,27	3,97E-01
NM_006314	CNKS1R	connector enhancer of kinase suppressor of Ras 1	-1,39	3,20E-01	7,10E-02	2,30	1,47E-02
NM_004438	EPHA4	EPH receptor A4	-1,41	3,20E-01	7,08E-02	1,96	3,88E-02
NM_003551	NME5	non-metastatic cells 5, protein expressed in (nucleoside-diphosphat	-1,41	3,20E-01	7,09E-02	1,59	7,71E-02
NM_139158	ALS2CR7	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, canc	-1,41	3,20E-01	6,97E-02	-1,59	1,56E-01
NM_001895	CSNK2A1	casein kinase 2, alpha 1 polypeptide	-1,39	3,20E-01	6,75E-02	2,48	1,86E-02
NM_138733	PGK2	phosphoglycerate kinase 2	-1,73	7,86E-02	1,20E-02	1,15	1,00E+00
AB033076	KIDINS220	likely homolog of rat kinase D-interacting substance of 220 kDa	-1,74	7,86E-02	1,21E-02	1,21	3,97E-01
NM_003159	CDKL5	cyclin-dependent kinase-like 5	-1,42	3,20E-01	6,60E-02	1,64	4,31E-02
NM_002750	MAPK8	mitogen-activated protein kinase 8	-1,74	7,86E-02	1,24E-02	1,44	9,16E-02
NM_002093	GSK3B	glycogen synthase kinase 3 beta	-1,73	7,86E-02	1,26E-02	2,13	4,87E-02

NM_014776	GIT2	G protein-coupled receptor kinase interactor 2	-1,42	3,20E-01	6,47E-02	-1,19	3,97E-01
NM_002031	FRK	fyn-related kinase	-1,71	7,86E-02	1,27E-02	1,32	2,77E-01
NM_198452	PNCK	pregnancy upregulated non-ubiquitously expressed CaM kinase	-1,73	7,86E-02	1,27E-02	-1,09	1,00E+00
NM_016507	CRK7	CDC2-related protein kinase 7	-1,43	3,20E-01	6,31E-02	2,11	1,47E-02
NM_002613	PDPK1	3-phosphoinositide dependent protein kinase-1	-1,68	7,86E-02	1,33E-02	1,04	1,00E+00
NM_001291	CLK2	CDC-like kinase 2	-1,44	3,20E-01	6,16E-02	1,18	1,00E+00
NM_016508	CDKL3	cyclin-dependent kinase-like 3	-1,72	7,86E-02	1,35E-02	3,05	8,26E-03
NM_020666	CLK4	CDC-like kinase 4	-1,44	3,20E-01	6,13E-02	1,52	9,16E-02
NM_014002	IKBKE	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinas	-1,44	3,20E-01	5,99E-02	1,03	1,00E+00
NM_017567	NAGK	N-acetylglucosamine kinase	-1,71	7,86E-02	1,40E-02	-1,58	4,87E-02
NM_001894	CSNK1E	casein kinase 1, epsilon	-1,70	7,86E-02	1,41E-02	1,49	7,71E-02
NM_024652	LRRK1	leucine-rich repeat kinase 1	-1,71	7,86E-02	1,43E-02	-1,16	5,50E-01
NM_20975	RET	ret proto-oncogene (multiple endocrine neoplasia and medullary th	-1,44	2,76E-01	5,83E-02	1,70	7,71E-02
NM_006281	STK3	serine/threonine kinase 3 (STE20 homolog, yeast)	-1,37	3,20E-01	5,83E-02	1,58	8,06E-01
NM_001105	ACVR1	activin A receptor, type I	-1,39	2,76E-01	5,80E-02	1,27	2,61E-01
NM_000076	CDKN1C	cyclin-dependent kinase inhibitor 1C (p57, Kip2)	-1,69	7,86E-02	1,46E-02	1,50	7,71E-02
NM_001024401	SBK1	SH3-binding domain kinase 1	-1,70	7,86E-02	1,48E-02	1,91	2,38E-02
NM_199289	MGC75495	similar to Serine/threonine-protein kinase Nek1 (NimA-related prot	-1,69	7,86E-02	1,49E-02	1,17	5,50E-01
NM_002253	KDR	kinase insert domain receptor (a type III receptor tyrosine kinase)	-1,44	2,76E-01	5,68E-02	1,42	1,62E-01
NM_018423	STYK1	serine/threonine/tyrosine kinase 1	-1,31	2,76E-01	5,66E-02	-1,63	7,71E-02
NM_001220	CAMK2B	calcium/calmodulin-dependent protein kinase (CaM kinase) II beta	-1,20	2,76E-01	5,63E-02	1,01	8,06E-01
NM_002498	NEK3	NIMA (never in mitosis gene a)-related kinase 3	-1,68	7,86E-02	1,54E-02	1,20	1,00E+00
NM_004302	ACVR1B	activin A receptor, type IB	-1,46	2,76E-01	5,50E-02	3,12	8,26E-03
NM_002314	LIMK1	LIM domain kinase 1	-1,46	2,76E-01	5,49E-02	-1,24	2,99E-01
NM_006206	PDGFRA	platelet-derived growth factor receptor, alpha polypeptide	-1,63	7,86E-02	1,59E-02	1,06	1,00E+00
NM_002737	PRKCA	protein kinase C, alpha	-1,44	2,76E-01	5,40E-02	2,22	1,47E-02
NM_002530	NTRK3	neurotrophic tyrosine kinase, receptor, type 3	-1,69	7,86E-02	1,60E-02	2,71	1,86E-02
NM_006035	CDC42BPB	CDC42 binding protein kinase beta (DMPK-like)	-1,46	2,76E-01	5,39E-02	1,02	1,00E+00
NM_005751	AKAP9	A kinase (PRKA) anchor protein (yotiao) 9	-1,68	7,86E-02	1,64E-02	2,08	2,02E-02
NM_007174	CIT	citron (rho-interacting, serine/threonine kinase 21)	-1,67	7,86E-02	1,64E-02	1,46	7,71E-02
NM_002591	PCK1	phosphoenolpyruvate carboxykinase 1 (soluble)	-1,68	7,86E-02	1,66E-02	1,65	2,61E-01
NM_003913	PRPF4B	PRP4 pre-mRNA processing factor 4 homolog B (yeast)	-1,67	7,86E-02	1,67E-02	1,13	1,00E+00
NM_002741	PKN1	protein kinase N1	-1,62	7,86E-02	1,69E-02	-1,30	3,41E-01
NM_002953	RPS6KA1	ribosomal protein S6 kinase, 90kDa, polypeptide 1	-1,44	2,76E-01	5,13E-02	1,86	7,71E-02
NM_014326	DAPK2	death-associated protein kinase 2	-1,68	1,15E-01	1,69E-02	1,78	3,88E-02
NM_000289	PFKM	phosphofructokinase, muscle	-1,43	2,76E-01	5,00E-02	1,24	3,97E-01
NM_003985	TNK1	tyrosine kinase, non-receptor, 1	-1,66	1,15E-01	1,81E-02	-1,61	7,71E-02
NM_001569	IRAK1	interleukin-1 receptor-associated kinase 1	-1,48	2,76E-01	4,76E-02	1,76	4,87E-02
NM_002221	ITPKB	inositol 1,4,5-trisphosphate 3-kinase B	-1,65	1,15E-01	1,88E-02	-1,23	3,97E-01
NM_004336	BUB1	BUB1 budding uninhibited by benzimidazoles 1 homolog (yeast)	-1,47	2,76E-01	4,69E-02	1,55	9,16E-02
NM_022740	HIPK2	homeodomain interacting protein kinase 2	-1,49	2,76E-01	4,57E-02	1,25	3,97E-01
NM_001347	DGKQ	diacylglycerol kinase, theta 110kDa	-1,65	1,15E-01	1,98E-02	1,98	3,88E-02

NM_012398	PIP5K1C	phosphatidylinositol-4-phosphate 5-kinase, type I, gamma	-1,65	1,15E-01	2,00E-02	1,17	5,50E-01
NM_022048	CSNK1G1	casein kinase 1, gamma 1	-1,50	2,76E-01	4,45E-02	2,09	1,86E-02
NM_054111	IHPK3	inositol hexaphosphate kinase 3	-1,65	1,15E-01	2,01E-02	1,41	9,16E-02
NM_003582	DYRK3	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 3	-1,44	1,99E-01	4,39E-02	2,29	2,02E-02
NM_001320	CSNK2B	casein kinase 2, beta polypeptide	-1,64	1,15E-01	2,04E-02	1,61	7,71E-02
NM_020439	CAMK1G	calcium/calmodulin-dependent protein kinase IG	-1,50	1,99E-01	4,37E-02	1,15	1,00E+00
NM_005476	GNE	glucosamine (UDP-N-acetyl)-2-epimerase/N-acetylmannosamine k	-1,64	1,15E-01	2,05E-02	1,30	2,61E-01
NM_015028	TNIK	TRAF2 and NCK interacting kinase	-1,49	1,99E-01	4,34E-02	1,48	7,71E-02
NM_002376	MARK3	MAP/microtubule affinity-regulating kinase 3	-1,61	1,15E-01	2,08E-02	1,60	4,31E-02
NM_014572	LATS2	LATS, large tumor suppressor, homolog 2 (Drosophila)	-1,51	1,99E-01	4,23E-02	1,45	9,16E-02
NM_001825	CKMT2	creatine kinase, mitochondrial 2 (sarcomeric)	-1,62	1,15E-01	2,13E-02	2,79	1,47E-02
NM_003718	CDC2L5	cell division cycle 2-like 5 (cholinesterase-related cell division conti	-1,59	1,15E-01	2,14E-02	1,88	3,19E-02
NM_007064	TRAD	serine/threonine kinase with Dbl- and pleckstrin homology domains	-1,51	1,99E-01	4,21E-02	1,07	1,00E+00
NM_198578	LRRK2	leucine-rich repeat kinase 2	-1,62	1,15E-01	2,17E-02	2,38	1,47E-02
NM_005308	GRK5	G protein-coupled receptor kinase 5	1,11	1,00E+00	5,83E-01	5,22	8,26E-03
NM_003886	AKAP4	A kinase (PRKA) anchor protein 4	-1,60	1,15E-01	2,19E-02	1,70	9,16E-02
NM_002513	NME3	non-metastatic cells 3, protein expressed in	-1,25	1,99E-01	4,09E-02	1,25	1,00E+00
NM_001800	CDKN2D	cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4)	-1,62	1,15E-01	2,21E-02	1,59	7,71E-02
NM_000788	DCK	deoxycytidine kinase	-1,62	1,15E-01	2,24E-02	1,42	9,16E-02
NM_004119	FLT3	fms-related tyrosine kinase 3	-1,51	1,99E-01	4,03E-02	1,43	2,61E-01
NM_004329	BMPR1A	bone morphogenetic protein receptor, type IA	-1,50	1,99E-01	4,02E-02	2,58	8,26E-03
NM_000188	HK1	hexokinase 1	-1,52	1,99E-01	3,99E-02	3,47	1,47E-02
NM_002578	PAK3	p21 (CDKN1A)-activated kinase 3	-1,51	1,99E-01	3,98E-02	1,69	3,88E-02
NM_007284	PTK9L	PTK9L protein tyrosine kinase 9-like (A6-related protein)	-1,61	1,15E-01	2,32E-02	1,22	8,06E-01
NM_004954	MARK2	MAP/microtubule affinity-regulating kinase 2	-1,62	1,15E-01	2,33E-02	2,27	2,16E-02
NM_004612	TGFBR1	transforming growth factor, beta receptor I (activin A receptor type	-1,59	1,64E-01	2,35E-02	1,60	1,56E-01
NM_015000	STK38L	serine/threonine kinase 38 like	-1,51	1,99E-01	3,80E-02	2,63	8,26E-03
NM_015191	SNF1LK2	SNF1-like kinase 2	-1,52	1,99E-01	3,80E-02	2,08	1,47E-02
NM_021135	RPS6KA2	ribosomal protein S6 kinase, 90kDa, polypeptide 2	-1,40	1,99E-01	3,71E-02	-1,15	8,06E-01
NM_000291	PGK1	phosphoglycerate kinase 1	-1,59	1,64E-01	2,47E-02	1,09	1,00E+00
NM_014978	SORCS3	sortilin-related VPS10 domain containing receptor 3	-1,60	1,64E-01	2,49E-02	-1,04	1,00E+00
NM_005026	PIK3CD	phosphoinositide-3-kinase, catalytic, delta polypeptide	-1,55	1,99E-01	2,52E-02	1,33	2,61E-01
NM_002650	PIK4CA	phosphatidylinositol 4-kinase, catalytic, alpha polypeptide	-1,53	1,99E-01	3,63E-02	1,37	2,38E-01
NM_004938	DAPK1	death-associated protein kinase 1	-1,53	1,99E-01	3,51E-02	1,21	5,81E-01
NM_014602	PIK3R4	phosphoinositide-3-kinase, regulatory subunit 4, p150	-1,52	1,99E-01	3,51E-02	-1,21	3,97E-01
NM_181504	PIK3R1	phosphoinositide-3-kinase, regulatory subunit 1 (p85 alpha)	-1,54	1,99E-01	3,43E-02	1,49	2,38E-01
NM_003384	VRK1	vaccinia related kinase 1	-1,52	1,99E-01	3,47E-02	1,78	2,21E-01
NM_032630	CINP	cyclin-dependent kinase 2-interacting protein	-1,54	1,99E-01	3,35E-02	1,31	2,61E-01
NM_000020	ACVRL1	activin A receptor type II-like 1	-1,58	1,99E-01	2,82E-02	1,85	2,38E-02
NM_004304	ALK	anaplastic lymphoma kinase (Ki-1)	-1,55	1,99E-01	3,26E-02	1,42	9,16E-02
NM_005100	AKAP12	A kinase (PRKA) anchor protein (gravin) 12	-1,56	1,99E-01	3,23E-02	2,34	1,47E-02
NM_014397	NEK6	NIMA (never in mitosis gene a)-related kinase 6	-1,55	1,99E-01	3,23E-02	1,20	3,97E-01

NM_004936	CDKN2B	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)	-1,55	1,99E-01	2,99E-02	2,90	8,26E-03
NM_000142	FGFR3	fibroblast growth factor receptor 3 (achondroplasia, thanatophoric c	-1,57	1,99E-01	2,88E-02	2,17	7,71E-02
NM_005923	MAP3K5	mitogen-activated protein kinase kinase kinase 5	-1,52	1,99E-01	3,09E-02	1,25	8,06E-01
NM_000245	MET	met proto-oncogene (hepatocyte growth factor receptor)	-1,55	1,99E-01	3,10E-02	2,02	2,02E-02
NM_004566	PFKFB3	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	-1,57	1,99E-01	2,97E-02	1,47	9,16E-02
NM_006609	MAP3K2	mitogen-activated protein kinase kinase kinase 2	1,11	1,00E+00	5,88E-01	1,66	4,31E-02
NM_004196	CDKL1	cyclin-dependent kinase-like 1 (CDC2-related kinase)	1,20	1,00E+00	5,94E-01	3,09	4,87E-02
NM_016478	ZC3HC1	zinc finger, C3HC type 1	1,07	1,00E+00	5,99E-01	1,57	9,16E-02
NM_013257	SGKL	serum/glucocorticoid regulated kinase-like	1,07	1,00E+00	6,02E-01	2,47	8,26E-03
NM_006871	RIPK3	receptor-interacting serine-threonine kinase 3	1,10	1,00E+00	6,05E-01	2,04	1,86E-02
NM_018339	RFK	riboflavin kinase	1,07	1,00E+00	6,06E-01	1,58	4,87E-02
NM_002658	PLAU	plasminogen activator, urokinase	1,07	1,00E+00	6,10E-01	2,89	8,26E-03
NM_006875	PIM2	pim-2 oncogene	1,08	1,00E+00	6,10E-01	2,19	1,47E-02
NM_012119	CCRK	cell cycle related kinase	1,07	1,00E+00	6,14E-01	1,67	3,88E-02
NM_004226	STK17B	serine/threonine kinase 17b (apoptosis-inducing)	1,23	1,00E+00	6,32E-01	1,82	2,57E-02
NM_014413	EIF2AK1	eukaryotic translation initiation factor 2-alpha kinase 1	1,08	1,00E+00	6,32E-01	1,59	4,87E-02
NM_014308	PIK3R5	phosphoinositide-3-kinase, regulatory subunit 5, p101	1,08	1,00E+00	6,36E-01	2,53	8,26E-03
NM_003821	RIPK2	receptor-interacting serine-threonine kinase 2	1,15	1,00E+00	6,55E-01	1,59	9,16E-02
NM_181805	PKIG	protein kinase (cAMP-dependent, catalytic) inhibitor gamma	1,13	1,00E+00	6,56E-01	-1,02	1,00E+00
NM_005109	OXS1	oxidative-stress responsive 1	1,12	1,00E+00	6,56E-01	2,09	1,47E-02
NM_012395	PFTK1	PFTAIRE protein kinase 1	1,13	1,00E+00	6,58E-01	1,46	7,71E-02
NM_145040	PRKCDPB	protein kinase C, delta binding protein	1,10	1,00E+00	6,62E-01	1,62	2,77E-01
XM_372663	LOC390777	similar to Ribosomal protein S6 kinase I (S6K) (P70-S6K)	1,13	1,00E+00	6,64E-01	1,52	7,71E-02
NM_003954	MAP3K14	mitogen-activated protein kinase kinase kinase 14	1,16	1,00E+00	6,64E-01	1,56	7,71E-02
NM_004783	TAOK2	TAO kinase 2	1,13	1,00E+00	6,75E-01	1,57	7,71E-02
XM_497791	LOC391295	similar to spermiogenesis associated serine/threonine kinase 22D;	1,16	1,00E+00	6,79E-01	1,48	7,71E-02
NM_013276	CARKL	carbohydrate kinase-like	1,12	1,00E+00	6,87E-01	1,90	2,38E-02
NM_002446	MAP3K10	mitogen-activated protein kinase kinase kinase 10	1,12	1,00E+00	6,88E-01	2,17	3,88E-02
NM_000294	PHKG2	phosphorylase kinase, gamma 2 (testis)	1,19	1,00E+00	6,90E-01	1,81	4,87E-02
NM_017859	UCKL1	uridine-cytidine kinase 1-like 1	1,12	1,00E+00	6,94E-01	1,65	4,87E-02
NM_004690	LATS1	LATS, large tumor suppressor, homolog 1 (Drosophila)	1,14	1,00E+00	6,98E-01	3,31	1,47E-02
NM_001009565	CDKL4	cyclin-dependent kinase-like 4	1,14	1,00E+00	7,06E-01	2,37	1,47E-02
NM_006251	PRKAA1	protein kinase, AMP-activated, alpha 1 catalytic subunit	1,22	1,00E+00	7,26E-01	2,34	2,38E-02
NM_014496	RPS6KA6	ribosomal protein S6 kinase, 90kDa, polypeptide 6	1,15	1,00E+00	7,30E-01	2,29	1,47E-02
NM_002609	PDGFRB	platelet-derived growth factor receptor, beta polypeptide	1,33	1,00E+00	7,33E-01	2,92	3,88E-02
NM_002944	ROS1	v-ros UR2 sarcoma virus oncogene homolog 1 (avian)	1,16	1,00E+00	7,42E-01	2,55	3,88E-02
NM_031414	STK31	serine/threonine kinase 31	1,19	1,00E+00	7,44E-01	3,23	3,88E-02
NM_024876	ADCK4	aarF domain containing kinase 4	1,17	1,00E+00	7,47E-01	1,31	8,06E-01
NM_002401	MAP3K3	mitogen-activated protein kinase kinase kinase 3	1,20	1,00E+00	7,50E-01	3,07	1,86E-02
NM_005406	ROCK1	Rho-associated, coiled-coil containing protein kinase 1	1,22	1,00E+00	7,52E-01	3,81	8,26E-03
NM_139209	GRK7	G protein-coupled receptor kinase 7	1,18	1,00E+00	7,52E-01	4,78	8,26E-03
NM_018208	ETNK2	ethanolamine kinase 2	1,19	1,00E+00	7,64E-01	3,34	8,26E-03

NM_003215	TEC	tec protein tyrosine kinase	1,25	1,00E+00	7,67E-01	2,07	3,19E-02
NM_005204	MAP3K8	mitogen-activated protein kinase kinase kinase 8	1,19	1,00E+00	7,76E-01	1,94	3,88E-02
NM_005906	MAK	male germ cell-associated kinase	1,19	1,00E+00	7,79E-01	3,22	1,47E-02
NM_012324	MAPK8IP2	mitogen-activated protein kinase 8 interacting protein 2	1,19	1,00E+00	7,79E-01	2,97	8,26E-03
NM_006293	TYRO3	TYRO3 protein tyrosine kinase	1,20	1,00E+00	7,90E-01	2,76	8,26E-03
NM_182493	LOC91807	myosin light chain kinase (MLCK)	1,21	1,00E+00	7,92E-01	-1,36	2,99E-01
NM_002447	MST1R	macrophage stimulating 1 receptor (c-met-related tyrosine kinase)	1,21	1,00E+00	7,94E-01	3,80	8,26E-03
NM_004157	PRKAR2A	protein kinase, cAMP-dependent, regulatory, type II, alpha	1,21	1,00E+00	8,01E-01	2,54	8,26E-03
NM_005424	TIE1	tyrosine kinase with immunoglobulin-like and EGF-like domains 1	1,27	1,00E+00	8,04E-01	2,59	1,47E-02
NM_000221	KHK	ketoheokinase (fructokinase)	1,22	1,00E+00	8,05E-01	2,79	8,26E-03
NM_016281	TAOK3	TAO kinase 3	1,27	1,00E+00	8,07E-01	3,07	8,26E-03
NM_003583	DYRK2	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2	1,26	1,00E+00	8,20E-01	3,05	1,47E-02
NM_016248	AKAP11	A kinase (PRKA) anchor protein 11	1,28	1,00E+00	8,20E-01	2,17	1,47E-02
NM_006301	MAP3K12	mitogen-activated protein kinase kinase kinase 12	1,30	1,00E+00	8,23E-01	2,39	2,38E-02
NM_003160	AURKC	aurora kinase C	1,30	1,00E+00	8,27E-01	2,07	3,19E-02
NM_183048	PRKCBP1	protein kinase C binding protein 1	1,27	1,00E+00	8,39E-01	4,51	8,26E-03
NM_175886	PRPS1L1	phosphoribosyl pyrophosphate synthetase 1-like 1	1,28	1,00E+00	8,39E-01	2,37	1,47E-02
NM_002880	RAF1	v-raf-1 murine leukemia viral oncogene homolog 1	1,32	1,00E+00	8,40E-01	2,84	2,32E-02
BC028192	LOC161635	similar to casein kinase I alpha	1,26	1,00E+00	8,40E-01	1,98	2,16E-02
NM_182471	PKM2	pyruvate kinase, muscle	1,36	1,00E+00	8,43E-01	1,70	3,88E-02
NM_145203	CSNK1A1L	casein kinase 1, alpha 1-like	1,26	1,00E+00	8,44E-01	1,70	3,88E-02
NM_033516	NYD-SP25	protein kinase NYD-SP25	1,33	1,00E+00	8,49E-01	1,95	2,02E-02
NM_000298	PKLR	pyruvate kinase, liver and RBC	1,63	1,00E+00	8,60E-01	1,71	3,88E-02
NM_198828	LOC375449	similar to microtubule associated testis specific serine/threonine pr	1,29	1,00E+00	8,63E-01	2,90	8,26E-03
NM_006457	PDLIM5	PDZ and LIM domain 5	1,35	1,00E+00	8,69E-01	3,71	8,26E-03
NM_012290	TLK1	tousled-like kinase 1	1,31	1,00E+00	8,69E-01	2,71	8,26E-03
NM_005793	NME6	non-metastatic cells 6, protein expressed in (nucleoside-diphospha	1,36	1,00E+00	8,74E-01	1,89	3,88E-02
NM_000858	GUK1	guanylate kinase 1	1,34	1,00E+00	8,77E-01	2,36	1,47E-02
NM_002734	PRKAR1A	protein kinase, cAMP-dependent, regulatory, type I, alpha (tissue s	1,34	1,00E+00	8,79E-01	2,09	9,16E-02
NM_001625	AK2	adenylate kinase 2	1,32	1,00E+00	8,81E-01	2,20	1,47E-02
NM_003656	CAMK1	calcium/calmodulin-dependent protein kinase I	1,48	1,00E+00	8,82E-01	8,31	8,26E-03
NM_173500	TTBK2	tau tubulin kinase 2	1,33	1,00E+00	8,84E-01	2,53	8,26E-03
NM_005399	PRKAB2	protein kinase, AMP-activated, beta 2 non-catalytic subunit	1,42	1,00E+00	8,86E-01	3,19	8,26E-03
NM_006259	PRKG2	protein kinase, cGMP-dependent, type II	1,44	1,00E+00	8,88E-01	2,06	1,86E-02
NM_005465	AKT3	v-akt murine thymoma viral oncogene homolog 3 (protein kinase B	1,33	1,00E+00	8,88E-01	2,11	1,47E-02
NM_177990	PAK7	p21(CDKN1A)-activated kinase 7	1,35	1,00E+00	8,95E-01	1,64	4,31E-02
NM_178813	AKAP14	A kinase (PRKA) anchor protein 14	1,38	1,00E+00	9,00E-01	3,06	8,26E-03
NM_022445	TPK1	thiamin pyrophosphokinase 1	1,38	1,00E+00	9,08E-01	1,66	3,88E-02
NM_001824	CKM	creatine kinase, muscle	1,37	1,00E+00	9,11E-01	3,07	8,26E-03
NM_017431	PRKAG3	protein kinase, AMP-activated, gamma 3 non-catalytic subunit	1,39	1,00E+00	9,11E-01	1,80	3,88E-02
NM_006254	PRKCD	protein kinase C, delta	1,38	1,00E+00	9,13E-01	3,53	8,26E-03
NM_004439	EPHA5	EPH receptor A5	1,39	1,00E+00	9,17E-01	1,45	9,16E-02

NM_014791	MELK	maternal embryonic leucine zipper kinase	1,39	1,00E+00	9,18E-01	1,93	2,38E-02
NM_020965	MAGI-3	membrane-associated guanylate kinase-related (MAGI-3)	1,39	1,00E+00	9,22E-01	2,58	8,26E-03
NR_002144	LOC407835	mitogen-activated protein kinase kinase 2 pseudogene	1,40	1,00E+00	9,24E-01	3,97	8,26E-03
NM_007202	AKAP10	A kinase (PRKA) anchor protein 10	1,46	1,00E+00	9,25E-01	1,73	7,71E-02
XM_372749	LOC390975	similar to protein kinase Bsk146	1,43	1,00E+00	9,26E-01	1,76	3,19E-02
NM_003691	STK16	serine/threonine kinase 16	4,53	1,00E+00	1,00E+00	11,17	8,26E-03
NM_002378	MATK	megakaryocyte-associated tyrosine kinase	1,53	1,00E+00	9,43E-01	3,45	8,26E-03
NM_198465	NRK	Nik related kinase	1,46	1,00E+00	9,43E-01	2,19	1,47E-02
NM_001261	CDK9	cyclin-dependent kinase 9 (CDC2-related kinase)	1,48	1,00E+00	9,43E-01	2,71	8,26E-03
NM_014920	ICK	intestinal cell (MAK-like) kinase	1,54	1,00E+00	9,44E-01	2,68	1,47E-02
NM_139021	ERK8	extracellular signal-regulated kinase 8	1,47	1,00E+00	9,46E-01	1,68	3,88E-02
NM_032430	BRSK1	BR serine/threonine kinase 1	1,47	1,00E+00	9,49E-01	1,75	4,31E-02
NM_005027	PIK3R2	phosphoinositide-3-kinase, regulatory subunit 2 (p85 beta)	1,49	1,00E+00	9,50E-01	2,57	1,47E-02
NM_006253	PRKAB1	protein kinase, AMP-activated, beta 1 non-catalytic subunit	1,69	1,00E+00	9,58E-01	2,96	8,26E-03
NM_016151	TAOK2	TAO kinase 2	1,52	1,00E+00	9,60E-01	1,54	7,71E-02
NM_020639	RIPK4	receptor-interacting serine-threonine kinase 4	1,54	1,00E+00	9,64E-01	2,95	8,26E-03
NM_004570	PIK3C2G	phosphoinositide-3-kinase, class 2, gamma polypeptide	1,63	1,00E+00	9,65E-01	3,78	1,86E-02
NM_152309	PIK3AP1	phosphoinositide-3-kinase adaptor protein 1	1,55	1,00E+00	9,67E-01	2,62	8,26E-03
XM_376585	LOC285940	similar to CDC-like kinase 2, isoform hckl2	1,59	1,00E+00	9,70E-01	1,82	2,72E-02
NM_002760	PRKY	protein kinase, Y-linked	1,58	1,00E+00	9,71E-01	2,88	1,86E-02
NM_015148	PASK	PAS domain containing serine/threonine kinase	1,59	1,00E+00	9,73E-01	2,29	1,47E-02
NM_003690	PRKRA	protein kinase, interferon-inducible double stranded RNA depende	1,66	1,00E+00	9,74E-01	2,95	1,47E-02
NM_005569	LIMK2	LIM domain kinase 2	3,23	1,00E+00	1,00E+00	14,01	8,26E-03
XM_498294	LOC392265	similar to Cell division protein kinase 5 (Tau protein kinase II cataly	1,66	1,00E+00	9,77E-01	1,42	9,16E-02
NM_005546	ITK	IL2-inducible T-cell kinase	1,65	1,00E+00	9,80E-01	2,40	1,47E-02
NM_006759	UGP2	UDP-glucose pyrophosphorylase 2	1,67	1,00E+00	9,80E-01	3,62	1,47E-02
NM_032409	PINK1	PTEN induced putative kinase 1	1,65	1,00E+00	9,80E-01	2,00	1,86E-02
NM_001982	ERBB3	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian)	1,65	1,00E+00	9,81E-01	3,97	8,26E-03
NM_006257	PRKCQ	protein kinase C, theta	1,69	1,00E+00	9,81E-01	1,48	7,71E-02
NM_004717	DGKI	diacylglycerol kinase, iota	1,67	1,00E+00	9,82E-01	1,61	4,87E-02
NM_002757	MAP2K5	mitogen-activated protein kinase kinase 5	1,68	1,00E+00	9,82E-01	2,84	8,26E-03
NM_144624	UHMK1	U2AF homology motif (UHM) kinase 1	1,67	1,00E+00	9,82E-01	2,66	8,26E-03
NM_003674	CDK10	cyclin-dependent kinase (CDC2-like) 10	1,77	1,00E+00	9,82E-01	2,79	8,26E-03
NM_006930	SKP1A	S-phase kinase-associated protein 1A (p19A)	2,86	1,00E+00	1,00E+00	6,27	8,26E-03
NM_002742	PRKD1	protein kinase D1	1,71	1,00E+00	9,83E-01	4,10	1,47E-02
NM_021972	SPHK1	sphingosine kinase 1	1,73	1,00E+00	9,83E-01	4,13	1,47E-02
NM_018216	PANK4	pantothenate kinase 4	1,68	1,00E+00	9,83E-01	3,50	8,26E-03
NM_002751	MAPK11	mitogen-activated protein kinase 11	1,74	1,00E+00	9,84E-01	4,91	8,26E-03
NM_002738	PRKCB1	protein kinase C, beta 1	1,71	1,00E+00	9,85E-01	5,16	8,26E-03
NM_016440	VRK3	vaccinia related kinase 3	1,75	1,00E+00	9,86E-01	2,73	8,26E-03
NM_080823	SRMS	src-related kinase lacking C-terminal regulatory tyrosine and N-terr	2,61	1,00E+00	1,00E+00	3,18	8,26E-03
NM_006556	PMVK	phosphomevalonate kinase	1,85	1,00E+00	9,90E-01	2,55	8,26E-03

NM_016223	PACSIN3	protein kinase C and casein kinase substrate in neurons 3	1,81	1,00E+00	9,90E-01	5,57	8,26E-03
NM_006258	PRKG1	protein kinase, cGMP-dependent, type I	2,38	1,00E+00	9,90E-01	5,49	1,47E-02
NM_014006	SMG1	PI-3-kinase-related kinase SMG-1	1,80	1,00E+00	9,91E-01	2,48	1,47E-02
NM_080836	STK35	serine/threonine kinase 35	1,82	1,00E+00	9,91E-01	2,18	1,47E-02
NM_003646	DGKZ	diacylglycerol kinase, zeta 104kDa	2,01	1,00E+00	9,92E-01	4,48	8,26E-03
NM_003688	CASK	calcium/calmodulin-dependent serine protein kinase (MAGUK fami	2,05	1,00E+00	9,92E-01	2,88	2,38E-02
NM_153335	LYK5	protein kinase LYK5	1,86	1,00E+00	9,92E-01	2,52	1,86E-02
NM_007118	TRIO	triple functional domain (PTPRF interacting)	2,51	1,00E+00	9,99E-01	5,30	8,26E-03
XM_497921	LOC391533	similar to Vascular endothelial growth factor receptor 1 precursor ('	2,32	1,00E+00	9,99E-01	3,15	8,26E-03
NM_173598	KSR2	kinase suppressor of ras 2	2,31	1,00E+00	9,99E-01	3,28	8,26E-03
NM_002929	GRK1	G protein-coupled receptor kinase 1	2,35	1,00E+00	9,99E-01	4,84	8,26E-03
NM_182692	SRPK2	SFRS protein kinase 2	2,44	1,00E+00	9,99E-01	5,82	8,26E-03
NM_018979	WNK1	WNK lysine deficient protein kinase 1	2,22	1,00E+00	9,99E-01	5,53	8,26E-03
NM_000604	FGFR1	fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, F	1,92	1,00E+00	9,95E-01	4,01	8,26E-03
NM_145059	FUK	fucokinase	1,92	1,00E+00	9,95E-01	3,00	8,26E-03
NM_014226	RAGE	renal tumor antigen	1,95	1,00E+00	9,96E-01	4,04	8,26E-03
NM_173354	SNF1LK	SNF1-like kinase	2,15	1,00E+00	9,98E-01	3,55	8,26E-03
NM_002037	FYN	FYN oncogene related to SRC, FGR, YES	2,47	1,00E+00	9,98E-01	3,84	8,26E-03
NM_012474	UCK2	uridine-cytidine kinase 2	2,01	1,00E+00	9,96E-01	2,97	8,26E-03
NM_144685	HIPK4	homeodomain interacting protein kinase 4	2,00	1,00E+00	9,97E-01	2,60	8,26E-03
NM_003845	DYRK4	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 4	2,52	1,00E+00	9,97E-01	5,02	1,86E-02
NM_014916	LMTK2	lemur tyrosine kinase 2	2,26	1,00E+00	9,97E-01	2,72	8,26E-03