

Table S1: LD Proteins identified and their regulation in mice brains infected with LCMV

Protein Accessions	Gene Names	Protein Descriptions	LogFC (4dpi vs control)	LogFC (2dpi vs control)
Proteins upregulated following LCMV Infection (2dpi)				
A0A0U1RNJ9	Cd33	Myeloid cell surface antigen CD33 (Fragment)	0.629261748	4.419438998
A0A0U1RPI1	Fxyd1	Phospholemman	3.606335322	4.638598204
A6H6A9	Rabgap1l	Rab GTPase-activating protein 1-like	0.586007643	2.076212247
B1AWT7	Ube2j1	Ubiquitin-conjugating enzyme E2 J1 (Fragment)	-0.308402761	2.199696223
B2RUR8	Otud7b	OTU domain-containing protein 7B	1.083388901	2.039957205
D3YWQ0	Dgki	Diacylglycerol kinase iota	0.816776435	1.502887726
D3Z3B8	Dlg1	Disks large homolog 1	0.309661341	2.218732198
E9PZB2	Rab11a	Ras-related protein Rab-11A (Fragment)	1.135036453	2.578735828
O35744	Chil3	Chitinase-like protein 3	0.391129589	2.373216867
P05213	Tuba1b	Tubulin alpha-1B chain	0.229408169	2.876346906
P81117	Nucb2	Nucleobindin-2	0.891626358	1.812079748
Q3U9H3	Bad	Bcl2-associated agonist of cell death	-0.805756156	1.476452669
Q7TSG5	Sh3d21	SH3 domain-containing protein 21	4.953916995	7.14477396
Q8K0C1	Ipo13	Importin-13	-1.275793854	2.04897205
Q99L04	Dhrs1	Dehydrogenase/reductase SDR family member 1	-0.005300109	2.441308498
Proteins upregulated following LCMV Infection (4dpi)				
A0A087WSP5	Stat1	Signal transducer and activator of transcription	1.962732442	0.577110767
A0A0G2JGK8	Rnf34	E3 ubiquitin-protein ligase RNF34 (Fragment)	3.154745436	2.038659414
A0A0U1RPI1	Fxyd1	Phospholemman	3.606335322	4.638598204
A0A1Y7VLP0	Atp5mpl	ATP synthase subunit ATP5MPL, mitochondrial (Fragment)	3.186619457	1.789997021
A2AMS3	Galt	Galactose-1-phosphate uridylyltransferase	4.634938876	1.785484314
B0QZN5	Vamp2	Synaptobrevin-2	1.542623075	-0.380085468
O55022	Pgrmc1	Membrane-associated progesterone receptor component 1	0.98831803	1.608999093
P62892	Rpl39	60S ribosomal protein L39	2.189025847	4.81469202
P97471	Smad4	Mothers against decapentaplegic homolog 4	1.489136728	1.324110587
Q07797	Lgals3bp	Galectin-3-binding protein	2.887293911	-1.094393412
Q3T9E4	Tgtp2	T-cell-specific guanine nucleotide triphosphate-binding protein 2	2.512802982	1.308667501
Q4VBF8	Sipa1l1	Signal-induced proliferation-associated 1-like protein 1	1.686963654	0.948061387
Q64282	Ifit1	Interferon-induced protein with tetratricopeptide repeats 1	2.886704191	1.144900958
Q64339	Isg15	Ubiquitin-like protein ISG15	1.496049245	-0.536689281
Q64345	Ifit3	Interferon-induced protein with tetratricopeptide repeats 3	3.204297447	1.341690779
Q8C0L8	Cog5	Conserved oligomeric Golgi complex subunit 5	2.290706635	0.235586882
Proteins downregulated following LCMV Infection (4dpi)				
A0A1D5RL92	Cherp	Calcium homeostasis endoplasmic reticulum protein	-4.082120482	-0.757317543
B9EJ80	Pdzd8	PDZ domain-containing protein 8	-1.259453392	-1.491836071
Proteins present/unchanged				
A0A023T778	Magohb	Mago nashi protein	-0.399279467	0.697978338
A0A067XG46	Rpgr	X-linked retinitis pigmentosa GTPase regulator	0.252903938	1.257616202
A0A067XG53	Cask	Peripheral plasma membrane protein CASK (Fragment)	0.412899208	0.806010405
A0A075B5K8	Igkv1-99	Immunoglobulin kappa variable 1-99	-0.218547757	-1.066729863
A0A075B5P3	Ighg2b	Immunoglobulin heavy constant gamma 2B (Fragment)	-0.24672273	-0.115451813

A0A075B5P4	Ighg1	Ig gamma-1 chain C region secreted form (Fragment)	-0.374287637	0.562489986
A0A075B5U4	Ighv1-18	Immunoglobulin heavy variable V1-18	0.201419846	-1.127941291
A0A075B6A3	Igha	Immunoglobulin heavy constant alpha (Fragment)	-0.130847073	-0.400971095
A0A075B6D7	Inpp5j	Inositol-polyphosphate 5-phosphatase	-0.982292334	-0.326139609
A0A076FR46	Slc12a5	KCC2a-S25 variant 1	0.57372036	0.773698807
A0A087WNP6	Cdv3	Protein CDV3	0.225958729	0.48490874
A0A087WNQ8	Ogfr1	Opioid growth factor receptor-like protein 1 (Fragment)	-0.302777036	0.039024512
A0A087WNT1	Eloc	Elongin-C	-0.172437414	-0.138698419
A0A087WNU5	Ank3	Ankyrin-3 (Fragment)	0.011158212	0.407452583
A0A087WNU6	Lrrfp1	Leucine-rich repeat flightless-interacting protein 1 (Fragment)	-0.172695669	0.246498108
A0A087WNV1	Agfg1	Arf-GAP domain and FG repeat-containing protein 1	0.321785323	0.398046652
A0A087WNW3	Ktn1	Kinectin	-0.247770882	-0.057782332
A0A087WNW8	Clasp1	CLIP-associating protein 1	-0.110112095	-0.36299928
A0A087WNZ9	Rgs6	Regulator of G-protein-signaling 6	0.036841202	0.183207512
A0A087WP01	Cdc34b	Cell division cycle 34B	0.247512404	-0.070758184
A0A087WP80	Lsmp	Limbic system-associated membrane protein	0.330757046	0.739957015
A0A087WPF0	R3hdm1	R3H domain-containing 1 (Fragment)	0.265976016	0.492341359
A0A087WPF8	Abhd14b	Protein ABHD14B (Fragment)	0.235820007	0.6337382
A0A087WPH7	Psmc3	26S proteasome regulatory subunit 6A (Fragment)	-0.254979547	1.426744302
A0A087WPK3	Lrrfp1	Leucine-rich repeat flightless-interacting protein 1	0.685782941	-0.275260448
A0A087WPL5	Dhx9	DEAH box protein 9	-0.062095674	-0.187199593
A0A087WPM2	Ppfia4	Protein tyrosine phosphatase, receptor type, f polypeptide (PTPRF),-interacting protein (liprin), alpha 4	1.333303432	2.124213219
A0A087WPP8	Abi2	Abl interactor 2	-0.133292135	0.344210148
A0A087WQA0	Bclaf1	Bcl-2-associated transcription factor 1	-0.375752703	0.915835539
A0A087WQE8	Kif1a	Kinesin-like protein KIF1A	-0.128772736	-0.011798064
A0A087WQS0	Tns1	Tensin 1	0.172861481	0.548649947
A0A087WR20	Ctsh	Pro-cathepsin H (Fragment)	-0.176285044	0.623088678
A0A087WR50	Fn1	Fibronectin	-1.016707293	2.004517729
A0A087WRE5	Nudt16	U8 snoRNA-decapping enzyme (Fragment)	-0.452610461	1.470948855
A0A087WRE7	Adhfe1	Alcohol dehydrogenase iron-containing protein 1 (Fragment)	-0.198500093	1.23565038
A0A087WRF2	Agap1	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 1	-0.289013894	0.352169037
A0A087WRG0	Pfkfb2	6-phosphofructo-2-kinase	0.364312522	0.346114
A0A087WRH3	Pcbp4	Poly(rC)-binding protein 4 (Fragment)	0.251422882	0.710804065
A0A087WRY3	Nucks1	Nuclear ubiquitous casein and cyclin-dependent kinase substrate 1	-0.489286709	0.172646205
A0A087WS96	Sh3bgrl2	SH3 domain-binding glutamic acid-rich-like protein	-0.993918069	-0.499370098
A0A087WSM1	Ica1l	Islet cell autoantigen 1-like protein	1.014438725	0.879473209
A0A087WSS1	Relch	RAB11-binding protein RELCH	0.766323853	0.300175985
A0A087WST2	Rbbp5	Retinoblastoma-binding protein 5	0.069136429	-0.296391169
A0A0A0MQ68	Gcdh	Glutaryl-CoA dehydrogenase, mitochondrial	-0.063674577	-0.160012563
A0A0A0MQ76	Nop58	Nucleolar protein 58	-0.937366899	-0.116714954
A0A0A0MQ79	Prrc2c	Protein PRRC2C	0.226771927	0.336849213
A0A0A0MQ90	S100a13	Protein S100-A13	-1.513532607	-0.224483967
A0A0A0MQ97	Nccrp1	F-box only protein 50	0.306192112	-1.41015927
A0A0A0MQA3	Serpina1a	Alpha-1-antitrypsin 1-1	-0.001014932	-0.204399427
A0A0A0MQA5	Tuba4a	Tubulin alpha chain (Fragment)	-0.236702919	0.422581355

A0A0A0MQC7	Mapt	Microtubule-associated protein	-0.184980488	0.076634248
A0A0A0MQE5	Camsap1	Calmodulin-regulated spectrin-associated protein 1	0.290532684	0.689745585
A0A0A0MQE8	Arhgap21	Rho GTPase-activating protein 21	0.076136525	0.367480119
A0A0A0MQF5	Otud6b	Ubiquitinyl hydrolase 1	-0.08080314	-0.155087312
A0A0A0MQG9	Phyhd1	Phytanoyl-CoA dioxygenase domain-containing protein 1 (Fragment)	-0.79817613	-0.662985166
A0A0A0MQM0	Eif5a	Eukaryotic translation initiation factor 5A (Fragment)	0.11637942	0.984079361
A0A0A0MQN4	Atg7	Ubiquitin-like modifier-activating enzyme ATG7	-0.26535759	-0.151122729
A0A0A6YVS6	Syngap1	Ras/Rap GTPase-activating protein SynGAP (Fragment)	-0.213917033	0.36410586
A0A0A6YVU8	Gm9774	Predicted pseudogene 9774	0.07015775	0.162124793
A0A0A6YVV4	Map9	Microtubule-associated protein 9 (Fragment)	0.809472243	0.358170827
A0A0A6YVV8	Mbnl1	Muscleblind-like protein 1	-0.497520701	0.054853598
A0A0A6YW06	Enah	Protein enabled homolog	0.059599272	0.696440061
A0A0A6YW28	Usp4	Ubiquitin carboxyl-terminal hydrolase	-0.109519577	0.113963922
A0A0A6YW36	Rgs7	Regulator of G-protein-signaling 7	-0.025235335	-0.800350825
A0A0A6YW90	Gria2	Glutamate receptor	-0.087987995	0.399154186
A0A0A6YWG7	Rapgef2	Cyclic nucleotide ras GEF	-0.050506147	-0.080978711
A0A0A6YWH2	Aif1l	Allograft inflammatory factor 1-like	0.491480446	2.116876205
A0A0A6YWM5	Rab3gap2	Rab3 GTPase-activating protein non-catalytic subunit	0.123027134	0.058285395
A0A0A6YWM8	Map4k4	Mitogen-activated protein kinase kinase kinase kinase 4	0.02941672	-0.039819876
A0A0A6YWR6	Zbtb18	Zinc finger and BTB domain-containing protein 18	-0.887672202	0.32284228
A0A0A6YWX1	Usp19	Ubiquitin carboxyl-terminal hydrolase 19	-0.215282122	0.538800716
A0A0A6YWY8	Pcdh9	Protocadherin 9	0.133716265	0.300306797
A0A0A6YX18	Atp6v1h	V-type proton ATPase subunit H	-0.109573619	0.243670464
A0A0A6YX26	Rpl31	60S ribosomal protein L31	1.605349414	0.397088687
A0A0A6YX56	P4htm	Transmembrane prolyl 4-hydroxylase	0.294295343	0.404798349
A0A0A6YX71	Dclk2	Serine/threonine-protein kinase DCLK2	-0.068907992	0.67270565
A0A0A6YX73	Prkar2a	cAMP-dependent protein kinase type II-alpha regulatory subunit	-0.020538902	0.483354886
A0A0A6YXH3	Osbpl9	Oxysterol-binding protein	0.234011555	-0.139984449
A0A0A6YXL6	Lrba	Lipopolysaccharide-responsive and beige-like anchor protein	-0.074742699	0.001925786
A0A0A6YXY1	Ntmt1	N-terminal Xaa-Pro-Lys N-methyltransferase 1 (Fragment)	0.155838267	-0.190240542
A0A0A6YY35	Rabgap1l	Rab GTPase-activating protein 1-like (Fragment)	-0.117428398	0.439267159
A0A0A6YY67	Camsap2	Calmodulin-regulated spectrin-associated protein 2	-0.218647957	-0.06279103
A0A0A6YY83	Pcdh7	Protocadherin 7	-0.035046005	0.59113423
A0A0A6YY91	Ncam1	Neural cell adhesion molecule 1 (Fragment)	0.766114012	0.967232704
A0A0B4J1E2	Snw1	SNW domain-containing protein 1	0.114885648	-0.200311184
A0A0D2X7Z2	Eef1akmt1	EEF1A lysine methyltransferase 1	0.054264641	0.328001499
A0A0G2JDK0	Mef2c	Myocyte-specific enhancer factor 2C (Fragment)	0.743798892	1.515956879
A0A0G2JDK2	Gba	Glucosylceramidase	1.312603951	-0.1050512
A0A0G2JDL2	Celf3	CUGBP Elav-like family member 3	1.342546558	-1.046613852
A0A0G2JDM6	Ache	Carboxylic ester hydrolase	0.532585716	0.00312829
A0A0G2JDN0	Ltf	Lactotransferrin	1.041848787	-1.441644986
A0A0G2JDP0	Hax1	HCLS1-associated protein X-1	0.293709532	0.364200513
A0A0G2JDV3	Gbp6	Guanylate-binding protein 6	0.934204865	2.020620863
A0A0G2JDW2	Myl3	Myosin light chain 3 (Fragment)	1.300574557	2.186175505
A0A0G2JDW7	Rps27	40S ribosomal protein S27 (Fragment)	0.272797489	0.339296023

A0A0G2JDX4	Tspan2	Tetraspanin-2 (Fragment)	0.623499902	1.344060421
A0A0G2JDZ9	Ankrd17	Ankyrin repeat domain-containing protein 17	0.165129789	0.27520148
A0A0G2JE00	Magi2	Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 2	0.049046707	0.221478462
A0A0G2JE35	Arhgef9	Collybistin	-0.462925561	1.901453654
A0A0G2JE69	Dph5	Diphthine methyl ester synthase (Fragment)	0.611192226	2.743178447
A0A0G2JEC4	Sh3glb1	Endophilin-B1	0.078161462	0.395334244
A0A0G2JED4	Sh2b2	SH2B adapter protein 2	1.538251432	-0.404432535
A0A0G2JEF3	Selenof	Selenoprotein F (Fragment)	0.513503234	0.47454373
A0A0G2JEG8	Amph	Amphiphysin	0.140586281	0.064482053
A0A0G2JEK2	Crip1	Cysteine-rich protein 1	-0.188219515	0.559341431
A0A0G2JEP0	Fxr1	Fragile X mental retardation syndrome-related protein 1	-0.250522327	0.067033132
A0A0G2JEP4	Lrrfp2	Leucine-rich repeat flightless-interacting protein 2	0.848807716	0.563265165
A0A0G2JER9	Dnajb6	DnaJ homolog subfamily B member 6	1.279872576	-0.055719376
A0A0G2JES3	Rpl9	60S ribosomal protein L9 (Fragment)	0.706895828	3.585828145
A0A0G2JEX1	Nexn	Nexilin	-1.21823562	1.047833125
A0A0G2JF67	Pde5a	Phosphodiesterase	-0.664310741	1.914302031
A0A0G2JFB0	Rimbp2	RIMS-binding protein 2	0.502890905	0.369078
A0A0G2JFF1	Ppp1cc	Serine/threonine-protein phosphatase (Fragment)	0.115643915	0.187145551
A0A0G2JFM9	Fnbp1l	Formin-binding protein 1-like (Fragment)	1.342770386	0.824930827
A0A0G2JFT8	Rufy3	Protein RUFY3	-0.203059546	-0.368659973
A0A0G2JFW6	Rprd2	Regulation of nuclear pre-mRNA domain-containing protein 2 (Fragment)	1.07462031	-0.536954244
A0A0G2JFX0	Dao	D-amino-acid oxidase (Fragment)	-0.700228691	-1.083446662
A0A0G2JFY5	Fubp1	Far upstream element-binding protein 1	-0.064059798	0.389675935
A0A0G2JFZ4	Tsc22d2	TSC22 domain family, member 2	0.004232979	0.12631019
A0A0G2JG23	Sez6l	Seizure 6-like protein	0.073240471	0.426520824
A0A0G2JGB7	Lgi1	Leucine-rich glioma-inactivated protein 1	0.825412846	-0.060840448
A0A0G2JGD2	S100a4	Protein S100-A4 (Fragment)	0.786673864	1.584691525
A0A0G2JGP4	Nras	GTPase NRas (Fragment)	-0.206865819	0.665973663
A0A0G2JGQ4	Nub1	NEDD8 ultimate buster 1	0.240894699	0.814849536
A0A0G2JGX4	Atp1a3	Sodium/potassium-transporting ATPase subunit alpha	0.388245138	0.590425173
A0A0G2JGY9	Plppr4	2-lysophosphatidate phosphatase PLPPR4 (Fragment)	0.179473813	0.804774284
A0A0H2UH22	Cpeb2	Cytoplasmic polyadenylation element-binding protein 2	-0.2697251	-0.339850744
A0A0J9YTU3	Specc1	Cytospin-B	-0.945973778	-0.075236162
A0A0J9YTY0	Septin11	Septin	0.249608167	-0.077437719
A0A0J9YU79	Khk	Ketohexokinase	0.127301216	0.029069821
A0A0J9YUD5	Nup205	Nucleoporin 205	0.719761244	0.162629922
A0A0J9YUN4	Dnm1	Dynamin GTPase	-0.173548063	-0.043694814
A0A0J9YUZ4	Hmgb1	High mobility group protein 1 (Fragment)	-0.304236221	-0.046817621
A0A0J9YVD2	Ptprz1	Receptor-type tyrosine-protein phosphatase zeta	0.011312421	0.064927101
A0A0M3HEP7	Atp8a1	Phospholipid-transporting ATPase	-0.525835387	0.12943697
A0A0M3HEP9	Txnrd2	Thioredoxin reductase 2, mitochondrial	-0.148642063	0.302515666
A0A0N4SUH8	Nfu1	NFU1 iron-sulfur cluster scaffold homolog, mitochondrial	-0.043440851	0.176780065
A0A0N4SUV3	Vamp1	Vesicle-associated membrane protein 1 (Fragment)	0.339401118	1.23592933
A0A0N4SUZ0	Magi1	Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 1	0.129950523	0.613678614
A0A0N4SV10	Etnk1	Ethanolamine kinase 1	-0.023089218	0.518803914

AOA0N4SV66	H2aj	Histone H2A	-0.353565884	2.243923187
AOA0N4SV80	Zfp638	Zinc finger protein 638	0.074125385	0.029159864
AOA0N4SVA0	Gm44596	Predicted gene 44596 (Fragment)	-0.093698661	0.546304544
AOA0N4SVB5	Prnt3	Proline-rich transmembrane protein 3	0.44083252	0.083357811
AOA0N4SVC2	Tra2a	Transformer-2 protein homolog alpha	0.175877158	0.418307622
AOA0N4SVL9	Ppp6c	Serine/threonine-protein phosphatase	-0.031907082	-0.369133631
AOA0N4SVP8	Eif4a3l2	RNA helicase	0.408362293	0.478581746
AOA0N4SVQ1	Ndufa4	Cytochrome c oxidase subunit NDUFA4	0.482949257	1.198259513
AOA0N4SVS6	Cnbp	Cellular nucleic acid-binding protein	-0.375874011	0.553514322
AOA0N4SVU2	Hspa4l	Heat shock 70 kDa protein 4L (Fragment)	-0.366233238	-0.511306683
AOA0N4SW06	Itfg2	KICSTOR complex protein ITFG2	0.096791967	1.431134542
AOA0N4SW73	Rab11fip5	Rab11 family-interacting protein 5	0.292791589	0.340116501
AOA0N4SW93	C2cd5	C2 domain-containing protein 5	-0.533672555	-1.81529967
AOA0N4SW94	Myadm	Myeloid-associated differentiation marker (Fragment)	0.572098764	-0.186572393
AOA0N4SW97	Dcun1d2	DCN1-like protein 2	-0.139254061	-0.270024459
AOA0R3P9C8	Ndufa9	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial	0.724159336	0.268117269
AOA0R3P9D0	Plppr3	Phospholipid phosphatase-related protein type 3	0.928214773	0.875529289
AOA0R4IZW8	Capns1	Calcium-activated neutral proteinase small subunit	0.072751522	0.658444246
AOA0R4IZW9	Sdf2	Stromal cell-derived factor 2	0.070003064	-1.384398778
AOA0R4IZX5	Ncan	Neurocan core protein	-0.107311376	0.162040393
AOA0R4IZX8	Pcp2	Purkinje cell protein 2	-1.501733144	1.020776272
AOA0R4IZY0	Thop1	Thimet oligopeptidase	-0.159312884	0.119725068
AOA0R4IZY9	Dus3l	tRNA-dihydrouridine(47) synthase [NAD(P)(+)]	-0.558224456	-2.259474595
AOA0R4IZZ1	Aplp1	Amyloid-like protein 1	0.284129143	0.549317996
AOA0R4J005	Lims1	LIM and senescent cell antigen-like-containing domain protein	-0.613995107	1.686850071
AOA0R4J007	Pald1	Paladin	0.223446608	0.530769507
AOA0R4J008	Hdac2	Histone deacetylase 2	-0.28524402	-0.664449056
AOA0R4J018	Tpmt	Thiopurine S-methyltransferase	0.125461801	-0.39934508
AOA0R4J023	Auh	Methylglutaconyl-CoA hydratase, mitochondrial	0.103395367	0.065388521
AOA0R4J030	Amer2	APC membrane recruitment protein 2	-0.04536012	0.28982989
AOA0R4J034	Pdxdc1	Pyridoxal-dependent decarboxylase domain-containing protein 1	-0.04427859	0.561196327
AOA0R4J036	Nefm	160 kDa neurofilament protein	-0.121229617	-0.182154338
AOA0R4J038	Kng1	Bradykinin	-0.064362748	0.677614053
AOA0R4J039	Hrg	Histidine-rich glycoprotein	0.223201338	1.683006128
AOA0R4J041	Mettl3	N6-adenosine-methyltransferase subunit METTL3	0.177604771	2.192388058
AOA0R4J047	Luc7l	Putative RNA-binding protein Luc7-like 1	-0.260381921	0.766726812
AOA0R4J049	Prmt5	Protein arginine N-methyltransferase 5	-0.045812798	1.202191671
AOA0R4J050	Acy1	N-acyl-L-amino-acid amidohydrolase	-0.261273193	0.042262713
AOA0R4J065	Atg4b	Cysteine protease	-0.581203334	-0.687096198
AOA0R4J069	Scly	Selenocysteine lyase	-0.194243336	0.355043729
AOA0R4J078	Ubxn4	UBX domain-containing protein 4	0.177231153	1.07019043
AOA0R4J079	Acbd3	Golgi resident protein GCP60	-0.137116782	0.560741901
AOA0R4J083	Acadl	Long-chain specific acyl-CoA dehydrogenase, mitochondrial	-0.354424731	0.416700363
AOA0R4J085	Uap1	UDP-N-acetylhexosamine pyrophosphorylase	-0.177417914	0.405960401
AOA0R4J092	Manba	Beta-mannosidase	-0.057615026	0.764948448

AOA0R4J094	Fahd2a	Fumarylacetoacetate hydrolase domain-containing 2A	-0.173091348	0.199394703
AOA0R4J099	2210016L21Rik	Protein CUSTOS	-0.187734032	0.61038359
AOA0R4J0B1	Mark2	Non-specific serine/threonine protein kinase	1.418452899	0.145557642
AOA0R4J0B8	Sh3gl3	Endophilin-A3	-0.008634885	0.549199422
AOA0R4J0F6	Gak	Cyclin-G-associated kinase	-0.068639215	0.513802528
AOA0R4J0G0	Pck2	Phosphoenolpyruvate carboxykinase (GTP)	-0.141159503	0.808705648
AOA0R4J0H0	Eml4	Echinoderm microtubule-associated protein-like 4	0.46833725	-0.11864233
AOA0R4J0I1	Serpina3k	Serine protease inhibitor A3K	0.179432487	-0.039414406
AOA0R4J0I9	Lrp1	Prolow-density lipoprotein receptor-related protein 1	0.080156612	0.510474205
AOA0R4J0J0	Palmd	Palmdelphin	0.759060923	0.21517849
AOA0R4J0J1	Cpne9	Copine-9	0.354483509	0.263121446
AOA0R4J0K2	Ckap5	Cytoskeleton-associated protein 5	-0.306914965	-1.076149305
AOA0R4J0L5	Cog6	Conserved oligomeric Golgi complex subunit 6	-0.387890085	-0.79448398
AOA0R4J0M1	Tbcc	Tubulin-folding cofactor C	-0.104402192	0.903127511
AOA0R4J0M9	Vcpip1	Ubiquitinyl hydrolase 1	0.017945989	0.079065005
AOA0R4J0N5	Pdcd2	Programmed cell death protein 2	-0.207550748	-0.338085254
AOA0R4J0P1	Acad8	Isobutyryl-CoA dehydrogenase, mitochondrial	-0.29364783	0.402970791
AOA0R4J0P6	Parn	Poly(A)-specific ribonuclease PARN	-0.412233957	1.275817712
AOA0R4J0Q2	Inpp4a	Inositol polyphosphate-4-phosphatase type I A	-0.767276478	0.250760714
AOA0R4J0Q5	Lmnb2	Lamin-B2	-0.176859633	0.288709799
AOA0R4J0Q9	Cog7	Component of oligomeric Golgi complex 7	0.196495183	-0.591383298
AOA0R4J0S1	Cdc42ep1	Cdc42 effector protein 1	-0.525821527	0.12355725
AOA0R4J0S3	Rtn4ip1	Reticulon-4-interacting protein 1, mitochondrial	-0.050922203	0.641299884
AOA0R4J0S4	Llg1	Lethal(2) giant larvae protein homolog 1	-0.055091222	0.49071153
AOA0R4J0T0	Hscb	Iron-sulfur cluster co-chaperone protein HscB	-0.563947264	0.294226487
AOA0R4J0T5	Celf1	CUGBP Elav-like family member 1	0.349815051	-0.221694946
AOA0R4J0T8	Arfgap3	ADP-ribosylation factor GTPase-activating protein 3	-0.268349489	-0.590050379
AOA0R4J0T9	Nyap2	Neuronal tyrosine-phosphorylated phosphoinositide-3-kinase adapter 2	-2.047251924	0.223974546
AOA0R4J0U2	Ppp4r2	Serine/threonine-protein phosphatase 4 regulatory subunit 2	-0.031244151	0.114225388
AOA0R4J0U7	Commd5	COMM domain-containing protein 5	-1.125710869	-0.021818161
AOA0R4J0V4	Jmy	Junction-mediating and -regulatory protein	-0.098320198	-1.6615809
AOA0R4J0V5	Polr2a	DNA-directed RNA polymerase subunit	-0.390635522	0.750858466
AOA0R4J0W6	Lrrc40	Leucine-rich repeat-containing protein 40	-0.147643407	0.130251249
AOA0R4J0Z1	Pdia4	Protein disulfide-isomerase A4	0.181211503	0.377266884
AOA0R4J0Z3	Aqp4	Aquaporin-4	1.346084785	-0.077005068
AOA0R4J107	Apeh	Acyl-peptide hydrolase (Fragment)	-0.038908609	0.270156225
AOA0R4J112	Eif4g3	Eukaryotic translation initiation factor 4 gamma 3	-0.371094418	0.012763182
AOA0R4J124	SrpK2	SRSF protein kinase 2	0.01460317	-0.01541551
AOA0R4J138	Arsb	Arylsulfatase B	-0.011709181	-0.195403099
AOA0R4J140	Cluh	Clustered mitochondria protein homolog	-0.279108493	0.056989034
AOA0R4J194	Cacnb1	Calcium channel voltage-dependent subunit beta 1	2.227830219	0.141116619
AOA0R4J195	Rprd1b	Regulation of nuclear pre-mRNA domain-containing protein 1B	0.894969336	1.605075479
AOA0R4J1C5	Atpaf2	ATP synthase mitochondrial F1 complex assembly factor 2	-0.019984738	-0.851144314
AOA0R4J1D0	Cpne2	Copine-2	0.723782444	-0.530139844
AOA0R4J1E3	Dbn1	Drebrin	-1.762441707	-1.570336183

AOA0R4J1E8	Tatdn1	Putative deoxyribonuclease TATDN1	0.716219234	0.639386972
AOA0R4J1F4	Madd	MAP kinase-activating death domain protein	-0.253614362	-0.076564153
AOA0R4J1H6	Golga3	Golgin subfamily A member 3	0.261360391	0.166039944
AOA0R4J1K1	Cnot4	CCR4-NOT transcription complex subunit 4	2.030350203	1.256304264
AOA0R4J1N7	Ank1	Ankyrin-1	-0.431394863	0.233255386
AOA0R4J1N9	Tfam	Transcription factor A, mitochondrial	0.396853065	0.399344047
AOA0R4J1P2	Tpm3	Tropomyosin alpha-3 chain	-1.212427298	0.526154836
AOA0R4J1Q0	Edc4	Enhancer of mRNA-decapping protein 4	0.12969745	0.686668237
AOA0R4J1R7	Pcbd2	4a-hydroxytetrahydrobiopterin dehydratase	2.281070805	-0.24018844
AOA0R4J1T1	Sorbs2	Sorbin and SH3 domain-containing protein 2 (Fragment)	-1.35740792	-0.799355348
AOA0R4J1T3	Taok3	Serine/threonine-protein kinase TAO3 (Fragment)	-0.215658156	0.671019713
AOA0R4J1W7	Cdc23	Cell division cycle protein 23 homolog	0.101385943	0.287578583
AOA0R4J1Y3	Osgep	Probable tRNA N6-adenosine threonylcarbamoyltransferase	-0.212768491	0.310908635
AOA0R4J1Y6	Sphkap	A-kinase anchor protein SPHKAP (Fragment)	-0.881016191	0.266247769
AOA0R4J206	Mocs2	Molybdopterin synthase catalytic subunit	1.3341657	-1.065480868
AOA0R4J215	Gpatch11	Coiled-coil domain-containing protein 75	-1.30741415	0.445608139
AOA0R4J254	Xpo4	Exportin-4	-0.696536128	1.637423515
AOA0R4J275	Ndufa12	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12	0.341732295	0.792796294
AOA0R4J293	Tgm1	Protein-glutamine gamma-glutamyltransferase K	-0.077634462	-0.452843984
AOA0R4J2A6	Anks1b	Ankyrin repeat and sterile alpha motif domain-containing protein 1B	1.116694291	-0.05683279
AOA0R4J2B2	Kctd12	BTB/POZ domain-containing protein KCTD12	-0.15115989	-0.470854282
AOA0R4J2C1	Apbb1	Amyloid-beta A4 precursor protein-binding family B member 1	0.196048737	0.260426839
AOA0R4J2C2	Syt2	Synaptotagmin	-0.003095023	0.27061065
AOA0R4J2D3	Mia3	Transport and Golgi organization protein 1 homolog (Fragment)	0.823794429	1.196173032
AOA0U1RNG8	Kcmf1	E3 ubiquitin-protein ligase KCMF1	-0.289551703	0.77646176
AOA0U1RPE4	Gabra1	Gamma-aminobutyric acid receptor subunit alpha-1 (Fragment)	-0.526673253	0.551427682
AOA0U1RPL0	Atxn2l	Ataxin-2-like protein	0.474256166	0.159094493
AOA0U1RPM0	Apba2	Amyloid-beta A4 precursor protein-binding family A member 2	0.014115683	-0.069077492
AOA0U1RQ20	Pycard	Apoptosis-associated speck-like protein-containing a CARD (Fragment)	-0.068245252	0.118410269
AOA0U1RQ27	Mcee	Methylmalonyl-CoA epimerase, mitochondrial	-1.208110619	-1.090526581
AOA0U1RQ85	Cbl	E3 ubiquitin-protein ligase CBL	0.117162069	0.338274479
AOA140LHA2	Bub3	Mitotic checkpoint protein BUB3	0.347136402	0.653261185
AOA140LHB6	Vstm2a	V-set and transmembrane domain-containing protein 2A (Fragment)	0.170838261	0.79790465
AOA140LHE2	Smarca2	Probable global transcription activator SNF2L2 (Fragment)	0.68022836	0.307583809
AOA140LIM2	Zfand6	AN1-type zinc finger protein 6 (Fragment)	0.82376887	-0.986974478
AOA140LIW3	Frmpd3	FERM and PDZ domain-containing 3	0.241738002	-0.658641497
AOA140T8I9	Pi4ka	Phosphatidylinositol 4-kinase alpha	0.248304717	0.837256114
AOA140T8J4	Hebp1	Heme-binding protein 1	-0.084763718	0.006299814
AOA140T8S0	Megf10	Multiple epidermal growth factor-like domains protein 10 (Fragment)	-0.930160427	0.740770976
AOA171EBK8	Rap1gap2	Rap1 GTPase-activating protein 2	-0.069770304	0.344141801
AOA171KXD3	Prmt1	Protein arginine N-methyltransferase 1	0.120663293	1.204683304
AOA1B0GQW6	Rpl13a	60S ribosomal protein L13a (Fragment)	-0.11808939	1.177076022
AOA1B0GR11	Taldo1	Transaldolase	-0.202689234	0.291412989

A0A1B0GR85	2900026A02Rik	RIKEN cDNA 2900026A02 gene	0.331648223	-1.07004261
A0A1B0GRJ9	Pde2a	Phosphodiesterase	0.029218165	0.160977681
A0A1B0GRP7	Plpbp	Pyridoxal phosphate homeostasis protein (Fragment)	-0.182043235	0.536360741
A0A1B0GRR3	Rps11	40S ribosomal protein S11	0.22641894	-0.110356331
A0A1B0GRU0	Slc17a7	Vesicular glutamate transporter 1	1.185874875	-0.505761305
A0A1B0GRU8	Prpf40a	Pre-mRNA-processing factor 40 homolog A	0.276918189	0.760723511
A0A1B0GRV0	Bpnt1	3'(2'),5'-bisphosphate nucleotidase 1	-0.130119197	0.291034222
A0A1B0GS08	Stum	Protein stum homolog	0.649059518	0.415476322
A0A1B0GS13	Bax	Apoptosis regulator BAX (Fragment)	0.60745732	0.324103991
A0A1B0GS41	Gab1	GRB2-associated-binding protein 1	0.123130735	0.736292044
A0A1B0GS63	Arfp2	Arfaptin-2	0.116652711	0.431049824
A0A1B0GSA5	Ddhd2	Phospholipase DDHD2	0.301286793	0.038252831
A0A1B0GSR7	Krt10	Keratin, type I cytoskeletal 10	1.554887644	0.468542894
A0A1B0GSX7	Nup98	Nuclear pore complex protein Nup96	-0.636627229	-0.032597542
A0A1B0GT44	Prmt9	Protein arginine N-methyltransferase 9	-1.101904249	1.005641699
A0A1B0GT92	Gys1	Glycogen [starch] synthase	-0.186875693	-0.085895856
A0A1B0GX27	Bcat2	Branched-chain-amino-acid aminotransferase	-0.179178301	-0.423910618
A0A1C7CYU5	Fam160a2	FTS and Hook-interacting protein	0.99852349	0.514133135
A0A1C7CYV0	Pls3	Plastin-3 (Fragment)	0.030390708	0.459962527
A0A1C7ZMY3	Shank2	SH3 and multiple ankyrin repeat domains protein 2	0.145729129	0.236315568
A0A1D5RL96	Btbd8	BTB/POZ domain-containing protein 8	0.407545058	0.571186701
A0A1D5RLG0	Hsd1l	Inactive hydroxysteroid dehydrogenase-like protein 1	-3.785180855	-3.774385611
A0A1D5RLG3	Rab3gap1	Rab3 GTPase-activating protein catalytic subunit	0.0785278	-0.043667952
A0A1D5RLJ9	Rtkn	Rhotekin (Fragment)	-0.303038947	0.421012243
A0A1D5RLQ9	Cdc42bpa	Non-specific serine/threonine protein kinase	0.047018814	0.437726816
A0A1D5RLV7	Wdfy3	WD repeat and FYVE domain-containing protein 3	-0.429201285	0.054447492
A0A1D5RLY2	Vac14	Protein VAC14 homolog	0.162271945	-0.365769386
A0A1D5RM83	Iqsec1	IQ motif and SEC7 domain-containing protein 1	0.399982198	-0.825315793
A0A1D5RM85	Rpl18a	60S ribosomal protein L18a (Fragment)	-0.064865748	-0.116894722
A0A1D5RMG4	Agap3	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3	-0.137879976	1.162764549
A0A1D5RMH8	Ccdc158	Coiled-coil domain-containing protein 158 (Fragment)	-0.738554605	-0.866425355
A0A1D5RMJ8	Cnot1	CCR4-NOT transcription complex subunit 1	-0.000754897	-0.126055876
A0A1D5RMM8	Pxn	Paxillin	0.05368789	0.52906545
A0A1L1SQ51	Tln2	Talin-2	-0.085564359	0.12815237
A0A1L1SQA8	Rps25	40S ribosomal protein S25	-0.372968324	1.344738801
A0A1L1SQP9	Tln2	Talin-2 (Fragment)	-3.050969521	0.714813232
A0A1L1SRH8	Senp8	Sentrin-specific protease 8	0.010280323	0.971808751
A0A1L1SRJ9	Commd4	COMM domain-containing protein 4 (Fragment)	0.866455396	-0.503287156
A0A1L1SRX2	Ampd3	AMP deaminase	0.875169881	2.247891823
A0A1L1SS23	Rasgrf2	Ras-specific guanine nucleotide-releasing factor 2	0.099864864	-0.079574744
A0A1L1SS44	Aplp2	Amyloid-like protein 2 (Fragment)	0.08067948	0.567273458
A0A1L1SSF2	Adpgk	ADP-dependent glucokinase	-0.820430374	-0.574351629
A0A1L1SSH9	Sparc	Osteonectin	-0.61137317	0.423311392
A0A1L1SSS4	Ncoa7	Nuclear receptor coactivator 7	-0.190537802	-0.936212699
A0A1L1SST5	Spg21	Maspardin	0.445245139	0.980938752
A0A1L1SSU2	Dcun1d5	DCN1-like protein (Fragment)	0.569606177	0.631082455

A0A1L1ST53	Tpd52l1	Tumor protein D53	0.293279107	-0.136026541
A0A1L1STC5	Gnb5	Guanine nucleotide-binding protein subunit beta-5	-0.62364219	-0.987405618
A0A1L1STE4	Ilf3	Interleukin enhancer-binding factor 3	-0.193406264	0.098956108
A0A1L1STF0	Mindy2	Ubiquitin carboxyl-terminal hydrolase	-0.007576656	0.68250529
A0A1L1STF5	Il18	Interleukin-18	-1.432932568	1.307332039
A0A1L1SU77	Siae	Sialate O-acetyltransferase	1.823915323	2.315786203
A0A1L1SUM5	Sergef	Secretion-regulating guanine nucleotide exchange factor	-0.543290742	-0.809253375
A0A1L1SUX8	Thy1	Thy-1 antigen (Fragment)	0.669907538	1.101453781
A0A1L1SV73	Usp47	Ubiquitin carboxyl-terminal hydrolase 47	0.040944672	0.068340619
A0A1L1SVJ6	Actn4	Alpha-actinin-4 (Fragment)	0.215311019	1.125598907
A0A1L1SVK0	Pafah1b2	Platelet-activating factor acetylhydrolase IB subunit alpha2 (Fragment)	-0.189736748	0.362286091
A0A1W2P6F6	Myl6	Myosin light polypeptide 6	0.098952103	0.65113306
A0A1W2P6N7	Smarcc2	SWI/SNF complex subunit SMARCC2	-1.593006738	0.253657579
A0A1W2P6X3	Fmn1	Formin-like protein 1	-0.289961306	-1.210434119
A0A1W2P712	Ralgapa1	Ral GTPase-activating protein subunit alpha-1	0.474589507	2.095407009
A0A1W2P768	H3c14	Histone H3.2	-0.042046134	0.886113644
A0A1W2P7A1	Rps12	40S ribosomal protein S12	-0.119946035	0.222383658
A0A1W2P7A3	Gm49918	Predicted gene, 49918	1.642299589	0.83499829
A0A1W2P7C1	Ncoa1	Nuclear receptor coactivator 1 (Fragment)	1.064239025	1.395544608
A0A1W2P7E1	Asf1a	Histone chaperone ASF1A (Fragment)	-0.35369393	-0.274246852
A0A1W2P7H9	Erh	Enhancer of rudimentary homolog	0.909413147	1.257372856
A0A1W2P7J9	Gstt2	Glutathione S-transferase theta-2 (Fragment)	-0.34668541	0.964372635
A0A1W2P7K6	Rab3ip	Rab-3A-interacting protein	-0.096019538	0.469173272
A0A1W2P7Q6	Xpot	Exportin-T	-0.206751188	0.575094541
A0A1W2P7S5	Trappc6b	Trafficking protein particle complex subunit 6B	-0.171194998	-0.251948039
A0A1W2P7V0	Gopc	Golgi-associated PDZ and coiled-coil motif-containing protein (Fragment)	0.072585201	0.53053538
A0A1W2P7X0	Abrac1	ABRA C-terminal-like protein (Fragment)	-0.943293794	-1.014265537
A0A1W2P7Y9	Nrcam	Neuronal cell adhesion molecule	-0.045634619	0.167431037
A0A1W2P7Z1	Pofut2	Peptide-O-fucosyltransferase (Fragment)	0.494699256	0.32902209
A0A1W2P872	Nova2	NOVA alternative-splicing regulator 2	-0.131707923	0.291708787
A0A1Y7VIR0	Ppp2r5c	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform (Fragment)	0.095122274	0.738939683
A0A1Y7VJH3	Ppp1r13b	Apoptosis-stimulating of p53 protein 1 (Fragment)	0.499484762	0.901784738
A0A1Y7VJX8	Trim9	E3 ubiquitin-protein ligase TRIM9 (Fragment)	0.051665433	-0.45371453
A0A1Y7VJZ2	Gstz1	Maleylacetoacetate isomerase	-0.019395288	0.55119435
A0A1Y7VK19	Isca2	Iron-sulfur cluster assembly 2 homolog, mitochondrial (Fragment)	-0.159851678	0.907809575
A0A1Y7VK55	Nfic	Nuclear factor 1	0.680540037	-0.253773212
A0A1Y7VK76	Crppa	2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase-like protein	0.384978008	0.761196931
A0A1Y7VKT9	Ubl5b	Ubiquitin-like protein 5	0.558692296	1.879656553
A0A1Y7VL44	Ttc7b	Tetratricopeptide repeat protein 7B	-0.563628642	-0.426522573
A0A1Y7VLY2	Dock4	Dedicator of cytokinesis protein 4	-0.66896464	-0.079534054
A0A1Y7VM45	Prpf39	Pre-mRNA-processing factor 39 (Fragment)	-0.568178813	0.261556307
A0A1Y7VMB1	Trmt5	tRNA (guanine(37)-N1)-methyltransferase (Fragment)	-0.043199857	-0.609571616
A0A1Y7VMC8	Akr1c20	Aldo-keto reductase family 1, member C20 (Fragment)	0.584651089	-0.746260325
A0A1Y7VMN0	Rock2	Rho-associated protein kinase 2 (Fragment)	-0.110682551	-0.08138148
A0A217FL62	Crhbp	Corticotropin-releasing factor-binding protein	-0.716483625	0.79258132

A0A217FL83	Ccdc85c	Coiled-coil domain-containing protein 85C	-0.207225863	-1.502905289
A0A286YCG8	Ssr1	Signal sequence receptor subunit alpha	0.868014654	-0.825841586
A0A286YCI0	Ngly1	N-glycanase 1	-0.110232862	-0.192371368
A0A286YCJ4	Spast	Spastin (Fragment)	-1.114478811	-0.546057383
A0A286YCL2	Fcho2	F-BAR domain only protein 2 (Fragment)	0.731958707	-1.124015331
A0A286YCT6	Epb41I3	Band 4.1-like protein 3 (Fragment)	-0.885021464	0.510669549
A0A286YCV9	Kif13b	Kinesin family member 13B	0.030071926	0.306076288
A0A286YCW1	Rad17	Cell cycle checkpoint protein RAD17	1.291599512	-2.742180347
A0A286YCW8	Camk2g	Calcium/calmodulin-dependent protein kinase type II subunit gamma (Fragment)	0.996362686	-1.142999967
A0A286YDA2	Nolc1	Nucleolar and coiled-body phosphoprotein 1	-0.397011948	-0.806614081
A0A286YDB3	Tbc1d5	TBC1 domain family member 5	-0.123443826	-0.447208087
A0A286YDB6	Synpr	Synaptoporin	-0.365396102	-0.34311231
A0A286YDB8	Elp3	Elongator complex protein 3	0.216473134	-0.427563985
A0A286YDC0	Cdk7	Cell division protein kinase 7	-0.257435449	0.961126169
A0A286YDH6	Cadps	Calcium-dependent secretion activator 1	-1.289963977	-1.135382334
A0A286YDI8	Sec24c	Sec24-related gene family, member C (S. cerevisiae)	0.040080134	0.340907097
A0A286YDU2	Atxn2	Ataxin-2 (Fragment)	-0.129440022	0.915016651
A0A286YDU3	Ap3s1	AP complex subunit sigma	0.130272706	-1.628833771
A0A286YDY4	Epb41I3	Band 4.1-like protein 3 (Fragment)	0.798857435	-0.152874311
A0A286YE31	Ube2e1	Ubiquitin-conjugating enzyme E2 E1 (Fragment)	-0.646554502	0.611675104
A0A286YEB7	Rps24	40S ribosomal protein S24	2.331934532	4.089190086
A0A2C9F2A2	Rin1	Ras and Rab interactor 1	0.372831027	-0.4094251
A0A2C9F2D2	Anxa7	Annexin	-0.036933454	0.484616597
A0A2I3BPC5	Ppp3cc	Serine/threonine-protein phosphatase	-0.712299697	0.269411564
A0A2I3BPG4	Hlcs	Biotin--protein ligase	0.003847535	0.141394456
A0A2I3BPM7	Samd4	Sterile alpha motif domain-containing 4	1.363645363	2.600345214
A0A2I3BPP1	Tsc2	Tuberin	0.295001856	0.517891407
A0A2I3BPT1	App	Amyloid-beta A4 protein	0.129074383	0.208628019
A0A2I3BQ43	Dgkh	Diacylglycerol kinase	1.145620855	-0.842889786
A0A2I3BQN8	Nudt18	8-oxo-dGDP phosphatase NUDT18	0.626186816	0.880333106
A0A2I3BR11	Bcl2l2	Bcl-2-like protein 2 (Fragment)	-2.034122229	-0.249231815
A0A2I3BR29	Fam107b	Protein FAM107B	0.483436807	0.123046319
A0A2I3BRD1	Tbc1d23	TBC1 domain family member 23	-0.12751166	-0.905998389
A0A2I3BRL8	Gm7324	Predicted gene 7324	0.57862606	0.479046504
A0A2I3BRT4	Eppk1	Epiplakin	1.054972172	-0.843844811
A0A2I3BS14	Cpq	Carboxypeptidase Q (Fragment)	0.047802003	0.316666285
A0A2K6EDK3	Nudcd1	NudC domain-containing protein 1	0.002977053	1.456998507
A0A2R8VHH1	Nup155	Nuclear pore complex protein Nup155	-2.347268232	2.70318831
A0A2R8VHM0	Kctd17	Potassium channel tetramerisation domain-containing 17 (Fragment)	0.410584831	1.179466963
A0A2R8VHP3	Gm5478	Predicted pseudogene 5478	-0.13753287	0.173230171
A0A2R8VHV8	Nell2	Protein kinase C-binding protein NELL2	0.154283301	-0.383341948
A0A2R8VHX5	Zfp385a	Zinc finger protein 385A	0.769898357	1.238541782
A0A2R8VIO5	Dnal4	Dynein light chain	-0.092324384	-0.645976067
A0A2R8VI70	Cyhr1	Cysteine and histidine-rich protein 1	1.199558894	-0.890597264
A0A2R8VI79	Rbfox1	RNA binding protein fox-1 homolog 1	0.132932981	-0.296902657

A0A2R8VJV3	Copz1	Coatomer subunit zeta	0.20617129	0.583401203
A0A2R8VJW0	Aco2	Aconitate hydratase, mitochondrial (Fragment)	-1.111684736	-1.57807525
A0A2R8VK70	Cd47	Integrin-associated protein	0.923618126	0.98258241
A0A2R8VKI7	Tfcp2	Alpha-globin transcription factor CP2	1.049488958	-0.941081524
A0A2R8W6E8	Rcan2	Calciressin-2 (Fragment)	-0.59245259	-0.792927742
A0A2R8W6F8	Mb	Myoglobin	-0.434094016	0.276383638
A0A2R8W6V9	Septin3	Neuronal-specific septin-3	1.270085526	0.927614848
A0A338P6E5	Dlg4	Disks large homolog 4	0.09831864	1.008413633
A0A338P6F2	Osbpl11	Oxysterol-binding protein	0.133486112	0.269319534
A0A338P6F7	Robo1	Roundabout homolog 1 (Fragment)	-0.272422791	-0.248588483
A0A338P6I2	Polr2h	DNA-directed RNA polymerases I, II, and III subunit RPABC3	-0.597616927	0.075133642
A0A338P6I7	Ydjc	Carbohydrate deacetylase	-0.067116769	0.448776404
A0A338P6J0	Dlg2	Disks large homolog 2	0.016360728	0.243879
A0A338P6P6	Acap2	Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 2	0.040865072	0.178428173
A0A338P6P7	Pacsin2	Protein kinase C and casein kinase substrate in neurons protein 2 (Fragment)	1.349741173	0.870787144
A0A338P6R8	Gm49601	Septin	0.44601059	-0.926318169
A0A338P6W3	Ttc3	RING-type E3 ubiquitin transferase	0.973513254	-0.215747197
A0A338P7B7	Dynlt1a	Dynein light chain Tctex-type 1A	-0.216559633	0.122500896
A0A338P7E5	Ube2I3	Ubiquitin-conjugating enzyme E2 L3	-0.05683438	0.530034065
A0A384DV92	Pde10a	Phosphodiesterase	0.320027606	-1.038953622
A0A3B2W7H4	Anks1	Ankyrin repeat and SAM domain containing 1	0.649622409	0.085974852
A0A3B2W7W2	Ppard	Peroxisome proliferator-activated receptor delta	1.256813304	-1.036156178
A0A3B2WB63	Setd4	SET domain-containing protein 4 (Fragment)	0.939990489	0.251038869
A0A3B2WBH9	Tjp2	Tight junction protein ZO-2	-0.007216167	0.082759698
A0A3B2WBL1	Rpl10a	Ribosomal protein	0.136619059	0.32434082
A0A3B2WCD8	Khsrp	Far upstream element-binding protein 2	-0.02422212	0.25133276
A0A3B2WCL5	Ranbp3	Ran-binding protein 3	-0.083706983	0.440953573
A0A3B2WCS4	Ralbp1	RalA-binding protein 1	-0.513495286	0.347476323
A0A3Q4EBU5	Slc8a1	Na(+)/Ca(2+)-exchange protein 1	0.468711662	0.51048549
A0A3Q4EBV8	Thoc1	THO complex subunit 1 (Fragment)	-2.0024978	-2.407884757
A0A3Q4EG54	Osbpl1a	Oxysterol-binding protein	-0.037331327	0.325626055
A0A3Q4EGC9	Ttc39c	Tetratricopeptide repeat protein 39C	-0.092677307	0.535298983
A0A3Q4EH04	Srsf7	Serine/arginine-rich-splicing factor 7	-0.116079998	0.09199063
A0A3Q4EH84	Cdo1	Cysteine dioxygenase	1.209431346	1.696821531
A0A3Q4EHG2	Comm10	COMM domain-containing protein 10	-0.555799421	1.529919227
A0A3Q4EI12	Rab18	Ras-related protein Rab-18	0.410356267	0.645293077
A0A3Q4L2S1	Nubp2	Cytosolic Fe-S cluster assembly factor NUBP2	0.754879125	1.255907694
A0A494B8Y4	Nrxn2	Neurexin-2	-0.545206006	-0.057970206
A0A494B923	Papss2	3'-phosphoadenosine-5'-phosphosulfate synthase	0.053338083	0.232125441
A0A494B933	Ppp1r14b	Protein phosphatase 1 regulatory subunit 14B (Fragment)	-2.505276632	1.049697558
A0A494B953	Nedd4l	HECT-type E3 ubiquitin transferase	-0.029699485	-0.000802517
A0A494B972	Snx32	Sorting nexin-32	-0.62966706	0.474115213
A0A494B9C3	Vps13a	Vacuolar protein sorting-associated protein 13A (Fragment)	-0.027960873	-0.458969911
A0A494B9F4	Ssh3	Protein phosphatase Slingshot homolog 3 (Fragment)	0.403980033	0.195830107
A0A494B9F8	Prelid3a	PRELI domain-containing protein 3A (Fragment)	0.111482588	0.195164839

A0A494B9K4	Add3	Gamma-adducin	-0.951016553	5.455364863
A0A494B9M7	Trim36	E3 ubiquitin-protein ligase Trim36 (Fragment)	-0.69433492	0.090321382
A0A494B9Q5	Cwf19l1	CWF19-like protein 1 (Fragment)	-0.219980907	0.179566383
A0A494B9R5	Wdr4	tRNA (guanine-N(7)-)-methyltransferase non-catalytic subunit WDR4 (Fragment)	-0.143873819	0.806221803
A0A494B9V8	Ptar1	Protein prenyltransferase alpha subunit repeat-containing 1	0.671175162	1.185924768
A0A494B9W4	Rbm4b	RNA-binding protein 4B (Fragment)	-0.722940509	0.785491784
A0A494B9X3	Nt5c2	Cytosolic purine 5'-nucleotidase	0.008108584	0.373119831
A0A494B9Z0	Fau	40S ribosomal protein S30	0.777359104	1.383694967
A0A494BA07	Pggt1b	Geranylgeranyl transferase type-1 subunit beta	0.663158639	0.815979799
A0A494BA44	Rela	Transcription factor p65	0.104125849	0.50362285
A0A494BA97	Ostf1	Osteoclast-stimulating factor 1	0.182400958	0.464647929
A0A494BAB6	Psmb8	Proteasome subunit beta type-8 (Fragment)	-1.037332853	0.811374346
A0A494BAI5	Fech	Ferrochelatase	-0.236913331	-0.225642999
A0A494BAJ5	Ccs	Superoxide dismutase [Cu-Zn]	0.03541441	0.54240799
A0A494BAJ6	Arl3	ADP-ribosylation factor-like protein 3	-0.022437604	1.213310083
A0A494BAT2	Cuedc2	CUE domain-containing protein 2	0.273274803	0.208295186
A0A494BAW8	Ndufs8	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial (Fragment)	2.562596989	1.015045166
A0A494BB44	Syt7	Synaptotagmin-7	0.27067337	-0.396242301
A0A494BB75	Wdr26	WD repeat-containing protein 26	0.261314583	-0.398409526
A0A494BB95	Eif1a	Eukaryotic translation initiation factor 4C	0.287066714	0.361429532
A0A494BBB0	Capn1	Calcium-activated neutral proteinase 1 (Fragment)	-0.105829398	0.506807804
A0A494BBD3	Scyl1	N-terminal kinase-like protein (Fragment)	-0.756075446	0.188844681
A0A498WFS2	Ubxn1	UBX domain-containing protein 1	0.012202835	-0.084520499
A0A498WGD8	Txn1	Thioredoxin-like protein 1	0.014579964	0.234662374
A0A498WGS3	Mbp	Myelin basic protein	0.126327896	0.296934764
A0A4W9	Negr1	Neuronal growth regulator 1	0.397961203	0.677365144
A0A571BD95	Ube4b	Ubiquitin conjugation factor E4 B	-0.05138162	-0.062662601
A0A571BDG0	Srcin1	SRC kinase-signaling inhibitor 1	0.09483153	0.176485856
A0A571BDP3	Vcpkmt	Protein-lysine methyltransferase METTL21D	-0.846312364	0.142279148
A0A571BDP7	Rab3il1	Guanine nucleotide exchange factor for Rab-3A	0.805853907	0.497917811
A0A571BE69	Septin3	Neuronal-specific septin-3	0.270205752	0.165736516
A0A571BEC9	Plin4	Perilipin-4	1.468842951	0.259832859
A0A571BEE9	Iqcf3	IQ motif-containing F2	0.204668427	0.480808894
A0A571BEG7	Patj	InaD-like protein	0.003725402	-0.396392186
A0A571BEI3	Gnas	Guanine nucleotide-binding protein G(s) subunit alpha isoforms short	0.043936984	-0.288488547
A0A571BEL9	Cct6a	T-complex protein 1 subunit zeta	0.07538592	-0.082473278
A0A571BG24	Limch1	LIM and calponin homology domains-containing protein 1	-0.012977537	0.718548139
A0A571BGH0	Kcnab2	K(+) channel subunit beta-2	0.659386063	-0.153963248
A0A5F8MP75	Mapk10	Mitogen-activated protein kinase	-0.074258296	0.238583883
A0A5F8MP96	Septin4	Septin-4	-0.037040393	0.130995433
A0A5F8MP98	Tns3	Tensin-3	-0.020414702	0.453811646
A0A5F8MPE1	Epb41l3	Band 4.1-like protein 3	-0.300286802	0.563270569
A0A5F8MPF0	Kif1b	Kinesin-like protein KIF1B	-0.14514478	-0.457024256
A0A5F8MPI9	Rapgef1	Rap guanine nucleotide exchange factor (GEF) 1	0.335514832	-0.097780387
A0A5F8MPK9	Sacm1l	Phosphatidylinositol-3-phosphatase SAC1	-0.779443677	-0.237669468

A0A5F8MPM1	Shc3	SHC-transforming protein 3	-0.736398919	-0.080246131
A0A5F8MPN1	Fry	Protein furry homolog	-0.055377563	-0.041419824
A0A5F8MPN4	Mical3	F-actin monooxygenase	0.08186423	0.296858629
A0A5F8MPP1	Cracd	RIKEN cDNA C530008M17 gene	0.716451899	0.274815877
A0A5F8MPP4	Usp25	Ubiquitin carboxyl-terminal hydrolase 25	-0.546410052	0.527373791
A0A5F8MPR1	Epb41l3	Band 4.1-like protein 3	-0.035259501	0.232803981
A0A5F8MPS8	Syt6	Synaptotagmin-6	0.32832133	-0.019660791
A0A5F8MPT4	Acap2	Arf-GAP with coiled-coil, ANK repeat and PH domain-containing protein 2 (Fragment)	-0.50747606	0.157895247
A0A5F8MPW1	Agt	Angiotensin 1-10	0.034088612	-0.095762491
A0A5F8MPW9	Peg3	Paternally-expressed gene 3 protein	0.036008898	0.535349528
A0A5F8MPY3	Ptk2	Non-specific protein-tyrosine kinase	-0.093375556	-0.311693033
A0A5F8MPZ2	Klc1	Kinesin light chain	0.090057087	0.333737532
A0A5F8MQ05	Bin2	Bridging integrator 2	0.493156179	1.556426366
A0A5F8MQ25	Ppp6r2	Serine/threonine-protein phosphatase 6 regulatory subunit 2	0.531122494	1.193391959
A0A5H1ZRK8	Igkc	Immunoglobulin kappa constant (Fragment)	-0.538733164	-0.192242146
A0A5H1ZRL3	Nelfb	Negative elongation factor B	-0.171084531	0.708288829
A0A5H1ZRL7	Trp53bp1	Transformation-related protein 53-binding protein 1	-1.107916387	0.530875762
A0A5H1ZRM8	Scn2a	Sodium channel protein	-0.329204814	0.990187883
A0A668KL36	Ccdc50	Coiled-coil domain-containing protein 50	-0.078229109	1.534925302
A0A668KL90	Dgkz	Diacylglycerol kinase	0.064947573	-0.086197853
A0A668KLA9	Ppp2r2b	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B	0.202634557	-0.577982744
A0A668KLC0	Nectin1	Nectin-1	-0.155945746	2.286586006
A0A668KLC6	Map2	Microtubule-associated protein	-0.105415789	0.166788419
A0A668KLD3	Akap12	A-kinase anchor protein 12	0.005326176	0.236096382
A0A668KLW3	Csnk1e	Non-specific serine/threonine protein kinase (Fragment)	-0.936068344	-0.817979455
A0A668KM61	Slc4a4	Anion exchange protein	-0.259727637	-0.105841001
A0A6I8MWX8	Dnajc7	DnaJ homolog subfamily C member 7	0.023920918	0.427524567
A0A6I8MWY5	Golga2	Golgin subfamily A member 2	-0.017306487	0.364016215
A0A6I8MWZ7	Trim9	E3 ubiquitin-protein ligase TRIM9	0.31881183	-0.287693659
A0A6I8MX08	Ccdc88a	Girdin	-2.22622483	-0.01368316
A0A6I8MX12	Rbms3	RNA-binding motif, single-stranded-interacting protein 3	0.11835564	0.112122536
A0A6I8MX15	Tbc1d25	TBC1 domain family member 25	1.277731244	0.634307384
A0A6I8MX18	Ago1	Protein argonaute-1	-0.10952479	-0.90496095
A0JNY3	Gphn	Molybdopterin molybdenumtransferase	-0.016973146	0.020055612
A0ZV96	Oscp1	Organic solute carrier protein 1 isoform	-0.293327936	0.110762596
A1BN54	Actn1	Alpha actinin 1a	0.077493604	-0.214449247
A1L3S7	Gatad2b	Gatad2b protein	0.624774933	-1.894143422
A1L3T7	Ripor3	RIPOR family member 3	0.551787821	-0.270181338
A2A432	Cul4b	Cullin-4B	-0.13634723	0.180633227
A2A4A6	Plcg1	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma	-0.004727077	0.261098226
A2A4J8	Vps25	ESCRT-II complex subunit VPS25	0.479878553	-0.000867526
A2A513	Krt10	Keratin, type I cytoskeletal 10	-0.071476237	-0.457388878
A2A547	Rpl19	Ribosomal protein L19	0.715569782	0.336678346
A2A5R2	Arfgef2	Brefeldin A-inhibited guanine nucleotide-exchange protein 2	-0.144917011	-0.084076881
A2A600	Kpna2	Importin subunit alpha-1 (Fragment)	-1.365704074	0.292519331

A2A690	Tanc2	Protein TANC2	-0.484980869	1.43276612
A2A699	Fam171a2	Protein FAM171A2	0.066480382	0.838665167
A2A6H1	Lasp1	LIM and SH3 domain protein 1 (Fragment)	0.925111898	1.302999814
A2A6J4	Lsp1	Lymphocyte-specific protein 1	0.303824457	1.311939081
A2A6M1	Snf8	Vacuolar-sorting protein SNF8	-0.450152461	-0.055325667
A2A6Q8	Myl4	Myosin light chain 4 (Fragment)	-0.791927083	1.027144273
A2A6T1	Cdr2l	Cerebellar degeneration-related protein 2-like	0.626521905	1.023847342
A2A6U3	Septin9	Septin-9	0.46255792	0.805641651
A2A7G9	Fbxo6	F-box only protein 6 (Fragment)	-0.788025602	0.489886284
A2A7S7	Yars	Tyrosine--tRNA ligase	0.738619709	1.294579824
A2A841	Epb41	Band 4.1	-0.290997887	0.086646875
A2A880	Snx11	Sorting nexin-11 (Fragment)	0.408041573	0.233588696
A2A8E2	Czib	CXXC motif containing zinc binding protein	0.259820239	0.72094361
A2A8L5	Ptpnf	Receptor-type tyrosine-protein phosphatase F	-0.094760005	0.815007051
A2A8R0	Zfyve9	Zinc finger FYVE domain-containing protein	-1.03018678	0.458866835
A2A8V8	Srrm1	Serine/arginine repetitive matrix protein 1	-0.854127884	0.097514868
A2A9Q2	Nrd1	Nardilysin, N-arginine dibasic convertase, NRD convertase 1	-0.002693717	0.28671217
A2A9W7	Gga3	ADP-ribosylation factor-binding protein GGA3	-0.044325701	0.548903147
A2A9Z1	Dmd	Dystrophin	-0.07986927	0.355388006
A2AA71	Sec24a	Protein transport protein Sec24A	-0.385884571	0.224940459
A2AA85	Szrd1	SUZ domain-containing protein 1 (Fragment)	-0.439045016	0.466659387
A2AAN0	Exoc7	Exocyst complex component 7	-0.123917039	0.410077095
A2ABY3	Pcyt2	Ethanolamine-phosphate cytidyltransferase	-0.049990114	0.499038537
A2ACG7	Rpn2	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2	0.998036194	1.254152457
A2ACM0	Rptor	Regulatory-associated protein of mTOR	-0.142672221	-0.763456027
A2AD03	Chm	Rab proteins geranylgeranyltransferase component A	-0.153324095	0.389406522
A2AD84	Stk26	Serine/threonine-protein kinase 26	-0.831288179	1.868209839
A2ADA6	Acap3	ArfGAP with coiled-coil, ankyrin repeat and PH domains 3	-0.449972026	0.232860883
A2ADE0	Plekhn2	Pleckstrin homology domain-containing family M member 2	-0.831871001	-0.685684363
A2ADR8	Ppp1r8	Nuclear inhibitor of protein phosphatase 1	-0.368952974	0.433221658
A2ADY9	Ddi2	Protein DDI1 homolog 2	0.138183467	0.900878429
A2AE27	Ampd2	AMP deaminase	-0.246444448	-0.122730414
A2AEC2	Tceal3	Transcription elongation factor A protein-like 3 (Fragment)	-0.34731528	-0.247190952
A2AEG6	Gpm6b	Neuronal membrane glycoprotein M6-b	0.563369497	-0.25415198
A2AEK1	Cstf2	AlphaCstF-64 variant 4	0.523144118	0.45196708
A2AEK3	Cstf2	Cleavage stimulation factor subunit 2 (Fragment)	0.093761826	0.367897987
A2AEW8	Gripap1	GRIP1-associated protein 1	0.121966235	0.012678941
A2AEX6	Fhl1	Four and a half LIM domains protein 1	-0.223364131	0.502597809
A2AF31	Tmsb15b2	Thymosin beta	-0.255992254	0.530865828
A2AFG7	L1cam	Neural cell adhesion molecule L1	1.153208001	0.421866417
A2AFI8	Reps2	RalBP1-associated Eps domain-containing protein 2	-0.300684452	0.613652229
A2AFP5	Rab9	RAB9, member RAS oncogene family (Fragment)	1.457502882	2.040010293
A2AFQ0	Huwe1	HECT-type E3 ubiquitin transferase	-0.186397425	-0.007352193
A2AFQ2	Hsd17b10	3-hydroxyacyl-CoA dehydrogenase type-2	0.053529898	0.653533618
A2AG50	Map7d2	MAP7 domain-containing protein 2	-0.12866691	0.534382979

A2AG83	Psmc10	26S proteasome non-ATPase regulatory subunit 10	-0.237086169	0.341403643
A2AGI2	Nlgn3	Neurologin-3	0.1405399	0.561839422
A2AH25	Arhgap1	Rho GTPase-activating protein 1	0.238713805	0.380559127
A2AH85	Eftud2	116 kDa U5 small nuclear ribonucleoprotein component	-0.019237232	0.146274726
A2AHM4	Phactr3	Phosphatase and actin regulator	0.181861909	-1.001020034
A2AHW8	Garnl3	GTPase-activating Rap/Ran-GAP domain-like protein 3	0.049838607	-0.413665215
A2AHX9	Bcl2l1	Apoptosis regulator Bcl-X (Fragment)	0.55358963	1.30852445
A2AI52	Usp8	Ubiquitin carboxyl-terminal hydrolase 8	-0.15963974	0.246562322
A2AI87	Phka1	Phosphorylase b kinase regulatory subunit	0.142987855	-0.187144279
A2AIG8	Accs	1-aminocyclopropane-1-carboxylate synthase-like protein 1	0.784345261	1.734897931
A2AIH8	Pir	Pirin (Fragment)	0.509501457	0.230366707
A2AIM4	Tpm2	Tropomyosin beta chain	-0.099159654	0.809217612
A2AJ72	Fubp3	Far upstream element (FUSE)-binding protein 3	-2.165618873	-0.235084057
A2AJ92	Nsmf	NMDA receptor synaptonuclear-signaling and neuronal migration factor	0.293296941	0.120418708
A2AJH3	Nmt2	Glycylpeptide N-tetradecanoyltransferase	-0.422728093	-1.500595411
A2AJI0	Map7d1	MAP7 domain-containing protein 1	0.125728321	0.517615
A2AJK8	Ttc1	Tetratricopeptide repeat protein 1	0.602186712	1.139582475
A2AJP9	Pdp1	[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial	-0.242440192	0.252227942
A2AJW4	Ppp1r3d	Protein phosphatase 1, regulatory subunit 3D	-0.170170116	0.939689954
A2AKA9	Brd3	Bromodomain-containing protein 3 (Fragment)	-0.824901358	-0.165122509
A2AKD7	Snta1	Alpha-1-syntrophin	-0.195625814	0.425352414
A2AKN8	Mup8	Major urinary protein 5	0.654021994	1.726814747
A2AL12	Hnnpa3	Heterogeneous nuclear ribonucleoprotein A3	-0.014762338	-0.384032408
A2ALF0	Dnajc8	DnaJ homolog subfamily C member 8	0.01209027	0.766278108
A2ALL9	Atp2b3	Calcium-transporting ATPase	0.146243763	0.600821336
A2ALS5	Rap1gap	Rap1 GTPase-activating protein 1	0.025330575	0.52711757
A2ALS7	Rap1gap	Rap1 GTPase-activating protein 1 (Fragment)	0.09320809	1.072034359
A2ALU4	Shroom2	Protein Shroom2	0.095550696	0.320219835
A2ALV3	Sh3gl2	Endophilin-A1	0.118831253	0.369029681
A2ALV6	Ecpas	Proteasome adapter and scaffold protein ECM29	-0.126645184	-0.307949861
A2AMC3	Pofut1	GDP-fucose protein O-fucosyltransferase 1	-0.454573965	0.623436451
A2AMQ5	Cds2	Phosphatidate cytidylyltransferase	-0.306580098	-0.425960223
A2AMW0	Capzb	F-actin-capping protein subunit beta	0.470348962	0.339318117
A2AMY5	Ubap2	Ubiquitin-associated protein 2	0.608851178	-0.073849996
A2AN08	Ubr4	E3 ubiquitin-protein ligase UBR4	0.085947259	-0.09739399
A2AN84	Mpp1	55 kDa erythrocyte membrane protein	-0.339451567	-0.358465195
A2AP78	Hmgb3	High mobility group protein B3 (Fragment)	1.307274723	2.643782298
A2AP92	Map3k7	Mitogen-activated protein kinase kinase kinase 7	0.535824426	-0.836916765
A2APY7	Ndufaf5	Arginine-hydroxylase NDUF5F5, mitochondrial	-0.044134394	-1.271446705
A2AQ25	Skt	Sickle tail protein	0.328789361	0.042029222
A2AQ45	Fnbp1	Formin-binding protein 1	0.084830729	0.427318573
A2AQ87	Shf	SH2 domain-containing adapter protein F (Fragment)	-0.371859392	-0.207559745
A2AQJ8	Ganc	Neutral alpha-glucosidase C	0.651177661	1.092983564
A2AQN4	Acss2	Propionate--CoA ligase	-0.162496471	0.5337526
A2AQU8	Srxn1	Sulfiredoxin	1.172538408	0.62922891

A2ARP1	Ppip5k1	Inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase 1	-0.130147743	0.465597788
A2ARP8	Map1a	Microtubule-associated protein 1A	-0.044474792	0.176515261
A2AS44	Pkp4	Plakophilin-4 (Fragment)	-0.04224577	0.868534247
A2AS98	Nckap1	Nck-associated protein 1	0.087985865	-0.179328124
A2ASQ1	Agrn	Agrin	-0.347237841	0.171952724
A2ASW8	Rapgef4	Rap guanine nucleotide exchange factor 4	-0.365773678	-0.840049108
A2AT91	Plcb4	Phosphoinositide phospholipase C (Fragment)	-0.257083289	0.202821573
A2ATI9	Gorasp2	Golgi reassembly-stacking protein 2	-0.011706034	0.41761144
A2ATQ5	Anapc1	Anaphase-promoting complex subunit 1	0.081490962	0.705202659
A2ATU9	Hat1	Histone acetyltransferase type B catalytic subunit	-0.348839283	0.740221262
A2AU61	Raly	RNA-binding protein Raly (Fragment)	1.321760305	-0.377600034
A2AUE1	Dnajc5	DnaJ homolog subfamily C member 5 (Fragment)	-0.290173737	0.990932306
A2AUK8	Epb41l1	Band 4.1-like protein 1	0.220271428	-0.833435376
A2AUR3	Pter	Parathion hydrolase-related protein (Fragment)	-0.198889764	0.733472824
A2AUR7	Rsu1	Ras suppressor protein 1	0.063486576	0.357803663
A2AUX3	Dab2ip	Disabled homolog 2-interacting protein	0.133474	0.336397171
A2AW05	Ssrp1	FACT complex subunit SSRP1 (Fragment)	0.256374296	0.68660752
A2AWA9	Rabgap1	Rab GTPase-activating protein 1	-0.195187473	0.225073973
A2AWI7	Sh3glb2	Endophilin-B2	-0.179899025	0.650087674
A2AWN8	Ythdf1	YTH domain-containing family protein 1	-0.249823284	-0.73157986
A2BDX3	Mocs3	Adenylyltransferase and sulfurtransferase MOCS3	-0.41638333	0.556907495
A2BE93	Set	Protein SET (Fragment)	0.097362041	0.31124417
A2BFF5	Dync1i2	Cytoplasmic dynein 1 intermediate chain 2	0.304466311	0.416698138
A2BGI8	Ppih	Peptidyl-prolyl cis-trans isomerase (Fragment)	0.198440297	0.117498716
A2BI12	Psip1	PC4 and SFRS1-interacting protein	-0.302034632	0.872873783
A2RSH4	Sv2c	Sv2c protein	-0.08223327	2.450417678
A2RSJ4	Uhrf1bp1l	UHRF1-binding protein 1-like	-1.813150863	0.550001303
A2RSX7	Tyw5	tRNA wybutosine-synthesizing protein 5	0.023576832	0.632734934
A2RSX9	Arfp1	ADP-ribosylation factor interacting protein 1	0.391689396	0.546777566
A2RT62	Fbxl16	F-box/LRR-repeat protein 16	-0.260214424	0.144642353
A2RTH5	Lcmt1	Leucine carboxyl methyltransferase 1	-0.003992685	0.649196307
A2TJV2	Palm3	Paralemmin-3	-0.506222534	0.892276446
A3KFU5	Pabpc4	Polyadenylate-binding protein	0.14306523	0.431160132
A3KFX0	Nt5c1a	Cytosolic 5'-nucleotidase 1A	-0.762782542	0.035535177
A3KG44	Ikbkg	NF-kappa-B essential modulator (Fragment)	-1.539408016	-1.114723523
A3KGB4	Tbc1d8b	TBC1 domain family member 8B	0.416160583	-0.136718273
A3KGE4	Olfm1	Noelin	0.519220098	0.240429242
A3KGL9	Hmgn2	Non-histone chromosomal protein HMG-17	0.81094106	0.614372889
A3KGU7	Sptan1	Spectrin alpha chain, non-erythrocytic 1	-0.001181412	0.02977403
A3KMP2	Ttc38	Tetratricopeptide repeat protein 38	-0.084749158	0.623865922
A4GZ26	Iqsec2	ARF6 guanine nucleotide exchange factor IQArfGEF	-0.236826611	0.393807411
A5A4Y9	Ppp1r11	E3 ubiquitin-protein ligase PPP1R11	-0.398800882	-0.056877136
A6H5Y3	Mtr	Methionine synthase	0.153747781	0.241264502
A6H611	Mipep	Mitochondrial intermediate peptidase	0.138467344	-0.570545355
A6H630	Armt1	Damage-control phosphatase ARMT1	-0.124378204	0.484270255
A6MDD2	Ptpn	Protein tyrosine phosphatase receptor type N	0.154910692	0.850373586

A6PWS5	Gsn	Macrophage-capping protein (Fragment)	0.237397957	-0.089427948
A6PWX9	Uqcc1	Ubiquinol-cytochrome-c reductase complex assembly factor 1	0.040972169	-0.822698514
A6X935	Itih4	Inter alpha-trypsin inhibitor, heavy chain 4	0.863133081	0.246792634
A6X940	Fermt2	Fermitin family homolog 2 (Fragment)	-0.054863262	0.735371272
A6ZI44	Aldoa	Fructose-bisphosphate aldolase	-0.352186171	-0.633533239
A7M7S2	Nprl3	GATOR complex protein NPRL3	-0.92432216	0.732102394
A8DUK4	Hbb-bs	Beta-globin	-0.076338387	0.373836517
A8Y5H7	Sec14l1	SEC14-like protein 1	-0.712550608	0.746400356
A9DA50	Lingo1	Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1	-0.598746808	-0.902356942
B0F2B4	Nlgn4l	Neurologin 4-like	0.11968015	0.775277283
B0QZN5	Vamp2	Synaptobrevin-2	1.542623075	-0.380085468
B0R091	Chp1	Calcineurin B homologous protein 1	0.175756677	1.00878183
B0R0E3	Scai	Protein SCAI (Fragment)	-0.078881931	0.705148379
B0R0S4	Rabepk	Rab9 effector protein with kelch motifs	0.2903217	-0.033342679
B0V2N1	Ptprs	Receptor-type tyrosine-protein phosphatase S	0.200709693	0.910443465
B1APT1	Mpped2	Metallophosphoesterase MPPED2 (Fragment)	-0.53937823	0.914458116
B1APX2	5031439G07Rik	RIKEN cDNA 5031439G07 gene	0.112972514	0.41741546
B1AQ75	Krt36	Keratin, type I cuticular Ha6	-0.754982313	0.720720609
B1AQ77	Krt15	Keratin, type I cytoskeletal 15	-1.961762651	2.28040425
B1AQD4	Rab34	Ras-related protein Rab-34 (Fragment)	-2.089672629	-0.180695613
B1AQD9	Unc119	Protein unc-119 homolog A	0.645230548	1.722054482
B1AQF4	Dusp3	Dual specificity protein phosphatase	0.075655619	1.076800505
B1AQN2	Ptptr	Protein-tyrosine-phosphatase	0.316711044	1.135843595
B1AQR8	Lgals9	Galectin	1.368279807	0.572755496
B1AQW2	Mapt	Microtubule-associated protein	0.16289622	0.300731341
B1AQY2	Arhgap23	Rho GTPase-activating protein 23	-0.129191176	-0.36439085
B1AQY9	Septin8	Septin	0.016028372	-0.160089811
B1AQZ2	Kif3a	Kinesin-like protein	0.151517137	-0.192092419
B1AR13	Cisd3	CDGSH iron-sulfur domain-containing protein 3, mitochondrial	-0.433978399	0.226397355
B1AR50	Gabarap	Gamma-aminobutyric acid receptor-associated protein	-0.32078104	0.717419306
B1AR74	Bcas3	Breast carcinoma-amplified sequence 3 homolog	0.010046291	0.091691653
B1ARU4	Macf1	Microtubule-actin cross-linking factor 1	-0.20446434	0.254504522
B1ARW4	Ndufs5	Complex I-15 kDa (Fragment)	0.182364337	1.199585756
B1AS06	Dlgap3	Disks large-associated protein 3	0.594862874	-0.13965257
B1ASE2	Atp5h	ATP synthase subunit d, mitochondrial (Fragment)	0.048984814	0.781044324
B1ASZ3	Gk	Glycerol kinase	-0.360974312	-0.130535126
B1AT82	Prpsap1	Phosphoribosyl pyrophosphate synthase-associated protein 1	0.051996326	-0.073738575
B1AT92	Grb2	Growth factor receptor-bound protein 2	-0.021650823	0.393438021
B1ATI9	Gas7	Growth arrest-specific protein 7	-0.484098117	-0.102282763
B1ATR2	Tex2	Testis-expressed protein 2	0.695352046	1.857065042
B1AU25	Aifm1	Apoptosis-inducing factor 1, mitochondrial	0.072108046	1.588558674
B1AU75	Nasp	Nuclear autoantigenic sperm protein	-0.279902109	0.522009532
B1AUN2	Eif2b3	Eukaryotic translation initiation factor 2B, subunit 3	-0.445011075	-0.47386233
B1AUX2	Hcfc1	Host cell factor 1	0.035821025	0.952702363
B1AUY7	Naa10	N-alpha-acetyltransferase 10	-0.235548083	0.125985305

B1AVI2	Stx17	Syntaxin-17 (Fragment)	0.302238878	0.303667704
B1AVN9	Phactr2	Phosphatase and actin regulator	-0.32726593	-0.173323631
B1AVZ0	Uprt	Uracil phosphoribosyltransferase homolog	0.273714447	0.261995633
B1AWC8	Pde4b	Phosphodiesterase	0.135869122	0.121807734
B1AWD8	Clta	Clathrin light chain	0.06264712	0.247463067
B1AWT2	Rragd	Ras-related GTP-binding protein	0.210507965	0.694772561
B1AX58	Pls3	Plastin-3	0.306982994	0.660279274
B1AX95	Tprgl	Transformation-related protein 63-regulated-like	-0.718184662	-1.441717505
B1AXV0	Frrs1l	DOMON domain-containing protein FRRS1L	0.856144269	0.601203124
B1AXZ4	Elavl2	ELAV-like protein	0.507593918	0.307111263
B1AY13	Usp24	Ubiquitin carboxyl-terminal hydrolase 24	0.046183904	-0.570047855
B1AZ46	Baiap2	Brain-specific angiogenesis inhibitor 1-associated protein 2	0.301694743	0.30962197
B1AZF3	Aatk	Serine/threonine-protein kinase LMTK1	-0.958696524	0.867323716
B1AZP2	Dlgap4	Disks large-associated protein 4	0.110092513	0.435723146
B1B0B8	Dnajc6	Putative tyrosine-protein phosphatase auxilin (Fragment)	-1.653922304	-0.90908138
B1B0C7	Hspg2	Basement membrane-specific heparan sulfate proteoglycan core protein	0.196591043	0.635542552
B1B1A8	Mylk	Myosin light chain kinase, smooth muscle	0.684926764	0.943160852
B1PSD9	Pde4d	Phosphodiesterase	0.086287626	0.918104649
B2KF50	Uhrf1bp1	UHRF1 (ICBP90)-binding protein 1	0.236944008	0.122382164
B2KGA7	Zbtb8os	Protein archease	0.099045054	0.163428148
B2KGF0	Rpe	Ribulose-phosphate 3-epimerase	-1.344395459	0.64585797
B2M1R6	Hnrnpk	Heterogeneous nuclear ribonucleoprotein K	-0.075163078	0.263679187
B2M1R7	Pcbp2	Poly(rC)-binding protein 2	0.042164103	0.260468801
B2RPU8	Zbed5	SCAN domain containing 3	0.504931037	-0.652537028
B2RQ57	Abl2	Tyrosine-protein kinase	0.091466681	0.644965172
B2RQ71	Dip2c	Dip2c protein	0.026718489	0.038311005
B2RQ80	Tnik	Tnik protein	0.115777238	0.33471632
B2RQC6	Cad	CAD protein	0.006538677	-0.43772618
B2RQK7	Synpo2l	Synaptopodin 2-like protein	0.198159695	-0.030653159
B2RQR5	Sgsm1	Small G protein signaling modulator 1	-0.040308603	0.327858448
B2RQS1	Strn3	Striatin-3	-0.792660141	-1.429387887
B2RR82	Itsn2	Intersectin-2	-1.665522846	-0.2758406
B2RRE2	Myo18a	Myo18a protein	-0.194523716	0.264026801
B2RRI2	Sbno1	Protein strawberry notch homolog 1	-0.605196762	0.121755759
B2RSH2	Gnai1	Guanine nucleotide-binding protein G(i) subunit alpha-1	0.86020902	0.483822187
B2RSU7	Gcc2	GRIP and coiled-coil domain containing 2	0.269304784	0.683538437
B2RT44	Lonrf2	LON peptidase N-terminal domain and ring finger 2	-0.004216417	0.620596727
B2RUG9	Apc	Adenomatosis polyposis coli	0.753913562	0.948782603
B2RUJ5	Apba1	Amyloid-beta A4 precursor protein-binding family A member 1	0.106581624	-0.175751845
B2RUJ8	Arhgap12	Rho GTPase-activating protein 12	0.515750058	-0.038178285
B2RW11	Ankrd34a	Ankyrin repeat domain 34A	0.271974246	-1.160861174
B2RXC2	Itpkb	Kinase	0.351455561	0.515310605
B2RXQ2	Ppfia1	Ppfia1 protein	-0.328396511	-0.122710864
B2RXT3	Ogdhl	Ogdhl protein	0.035902405	-0.2457997
B2RY56	Rbm25	RNA-binding protein 25	-0.516565609	0.174284935

B7FAU5	Emd	Emerin	-0.106598886	0.139223417
B7FAU7	Atp6ap1	ATPase, H+ transporting, lysosomal accessory protein (Fragment)	0.915168858	1.3399779
B7FAU9	Flna	Filamin, alpha	-0.012477938	0.274668535
B7ZCA7	Kazn	Kazrin (Fragment)	-0.226536433	-0.305828075
B7ZCU0	Abi1	Abl interactor 1	0.450049241	-0.04956913
B7ZNF6	Ctnnd2	Catenin delta-2	0.386522388	0.375603199
B7ZNK6	Aga	Aga protein	0.609084956	0.760231972
B7ZNL2	Nap1l4	Nap1l4 protein	0.024847507	0.109532197
B7ZNL3	Tpm1	Tpm1 protein	-0.389102491	0.67285792
B7ZWG4	Trim40	E3 ubiquitin ligase TRIM40	-0.082189576	0.718935966
B8JJ84	Stxbp6	Syntaxin-binding protein 6 (Fragment)	0.122496605	-0.27086242
B8QI34	Ppfia2	Liprin-alpha-2	0.124916999	0.121816794
B9EHJ3	Tjp1	Tight junction protein ZO-1	0.293812243	0.434288502
B9EIX2	Cep170b	AW555464 protein	0.114881929	0.217201551
B9EJ80	Pdzd8	PDZ domain-containing protein 8	-1.259453392	-1.491836071
B9EJA2	Cttnbp2	Cortactin-binding protein 2	-0.117574056	-0.660785993
B9EJA3	Ptprd	Protein-tyrosine-phosphatase	-0.051314608	0.001456261
B9EKI3	Tmf1	TATA element modulatory factor	0.441255697	-1.349321405
D0EM46	Tesc	Calcineurin B homologous protein 3	-0.811925538	-0.316219648
D3YTP3	Mtx3	Metaxin	-1.170320066	-0.138771693
D3YTP8	Lsm4	U6 snRNA-associated Sm-like protein LSm4 (Fragment)	-0.699580542	-0.36960427
D3YTQ3	Hnrnpdl	Heterogeneous nuclear ribonucleoprotein D-like	0.40541207	-0.089191278
D3YTQ9	Rps15	40S ribosomal protein S15	0.854981486	-0.61067009
D3YTR4	Mbd3	Methyl-CpG-binding domain protein 3	-0.723440552	-0.596930424
D3YTS1	Sec11a	Signal peptidase complex catalytic subunit SEC11	0.378158172	0.965108077
D3YTU2	Ogfod1	2-oxoglutarate and iron-dependent oxygenase domain-containing protein 1	-0.184596952	-1.495804489
D3YTU5	Ankrd29	Ankyrin repeat domain 29	-0.25835336	0.315533161
D3YTW7	Adgrl3	Adhesion G protein-coupled receptor L3	-0.407607269	0.555202484
D3YTZ7	Josd2	Ubiquitinyl hydrolase 1	0.733466498	0.951024532
D3YU01	Plekha1	Pleckstrin homology domain-containing family A member 1	0.436187935	0.710143566
D3YU12	Nmral1	NmrA-like family domain-containing protein 1	0.074700228	1.065309525
D3YU63	Enpp6	Choline-specific glycerophosphodiester phosphodiesterase	0.313357194	0.403234164
D3YU89	Cit	Citron Rho-interacting kinase	-0.054771932	-2.6924541
D3YUE4	Fam151b	Family with sequence similarity 151, member B	-0.655801678	1.356457829
D3YUJ3	Ccnyl1	Cyclin Y-like 1	-1.888865439	-0.755209287
D3YUK4	Ndufb10	Complex I-PDSW (Fragment)	-0.542661889	-0.198098818
D3YUM1	Ndufv1	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial	0.078659852	0.597631454
D3YUP1	Carm1	Coactivator-associated arginine methyltransferase 1	0.19920524	-0.159452915
D3YUP9	Adam22	Disintegrin and metalloproteinase domain-containing protein 22	0.863510831	0.719245911
D3YUV9	Eif4e2	Eukaryotic translation initiation factor 4E type 2	0.481842041	0.794225852
D3YUX2	Mpdz	Multiple PDZ domain protein	-1.283325903	-0.281440735
D3YUY3	Pip5k1a	Phosphatidylinositol 4-phosphate 5-kinase type-1 alpha	-1.548508199	1.62584122
D3YUZ8	Dlg2	Disks large homolog 2	-0.239100965	0.332990487
D3YV13	Dtx3	E3 ubiquitin-protein ligase	-0.169813665	0.353267511

D3YVA2	Ncald	Neurocalcin-delta (Fragment)	-0.49694465	-0.941121419
D3YVF0	Akap5	A-kinase anchor protein 5	0.101469008	0.186819553
D3YVJ0	Sugp2	SURP and G-patch domain-containing protein 2 (Fragment)	-0.243119367	-0.234513442
D3YVQ6	Rab17	Ras-related protein Rab-17 (Fragment)	0.258876038	-0.213964462
D3YVU0	Usp46	Ubiquitin carboxyl-terminal hydrolase 46	0.715009085	-0.306484222
D3YW09	Sf3a2	Splicing factor 3A subunit 2	0.466341591	1.629377921
D3YW42	Ccdc9	Coiled-coil domain-containing protein 9	1.467312113	0.173315843
D3YW97	Ufm1	Ubiquitin-fold modifier 1	0.35633386	0.788844268
D3YWB9	Cntnap4	Contactin-associated protein-like 4	0.643416214	1.049937884
D3YWF6	Otub1	Ubiquitinyl hydrolase 1	-0.204339345	0.291104158
D3YWN7	Map7	Ensconsin	0.710756207	0.737743696
D3YWT1	Hnrnp3	Heterogeneous nuclear ribonucleoprotein H3	0.084277344	0.614828904
D3YWX2	Ylpm1	YLP motif-containing protein 1	0.229349232	0.549928188
D3YWY4	Grip1	Glutamate receptor-interacting protein 1	-0.223562972	0.815842867
D3YX00	Rgs8	Regulator of G-protein signaling 8 (Fragment)	-0.887508074	0.865941366
D3YX85	Asap2	Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2	0.042521413	0.098825137
D3YXD1	Ube2e2	Ubiquitin-conjugating enzyme E2 E2 (Fragment)	-0.194056972	0.106277625
D3YXH0	Gm49948	Predicted gene, 49948	0.151896604	-0.146219095
D3YXH5	Sfxn5	Sideroflexin-5	-0.395698373	0.341136535
D3YXK2	Safb	Scaffold attachment factor B1	0.170631568	0.037380854
D3YXP6	Pmvk	Phosphomevalonate kinase	0.011881733	-0.233502865
D3YXR5	Pml	Protein PML	0.582605298	0.593831062
D3YXZ3	Klc2	Kinesin light chain	0.078752168	0.14299202
D3YY09	Drap1	Dr1-associated corepressor	-0.570265929	0.063704809
D3YY41	Pik3ca	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform	-0.587042046	1.292133808
D3YY50	Cutc	Copper homeostasis protein cutC homolog (Fragment)	0.243699344	0.135244528
D3YY73	Sap18	Histone deacetylase complex subunit SAP18	0.166985989	-0.549477418
D3YYA0	Ash2l	Set1/Ash2 histone methyltransferase complex subunit ASH2	-0.053486633	0.73479414
D3YYC3	Setdb1	Histone-lysine N-methyltransferase SETDB1	0.312580999	-1.897293886
D3YYK8	Mapre2	Microtubule-associated protein RP/EB family member 2 (Fragment)	-0.07910916	0.166053613
D3YYM6	Rps5	40S ribosomal protein S5 (Fragment)	0.160382048	-0.415598234
D3YYS6	Mgll	Monoglyceride lipase	0.097059218	0.095455011
D3YYT0	Cdh2	Cadherin-2	0.060743237	-0.606257121
D3YYT1	Glyr1	Glyoxylate reductase 1 homolog	-0.775920184	-0.309302966
D3YYX8	Fam241b	Protein FAM241B (Fragment)	1.147998556	0.40593036
D3YZ54	Hacl1	2-hydroxyacyl-CoA lyase 1	1.958119615	-3.022140265
D3YZ62	Myo5a	Unconventional myosin-Va	0.175137774	-0.708555857
D3YZ98	Pik3c3	Phosphatidylinositol 3-kinase catalytic subunit type 3	0.021415488	0.340779622
D3YZ99	Ntan1	Protein N-terminal asparagine amidohydrolase	-0.362843641	-0.697272294
D3YZA1	Chtop	Chromatin target of PRMT1 protein (Fragment)	0.228685602	0.836800098
D3YZC9	Sf1	Splicing factor 1	0.211129379	0.013302962
D3YZD8	Aamdc	Mth938 domain-containing protein	0.214942614	0.467641513
D3YZI9	Pgbd5	PiggyBac transposable element-derived protein 5	0.297014078	0.284153779
D3YZP3	Lrrc4b	Leucine-rich repeat-containing protein 4B (Fragment)	-0.336007086	0.866320054
D3YZP9	Ccdc6	Coiled-coil domain-containing protein 6	-0.029740588	0.35587724

D3YZT7	Plekhb1	Pleckstrin homology domain-containing family B member 1 (Fragment)	0.044522127	1.7083203
D3YZU1	Shank1	SH3 and multiple ankyrin repeat domains protein 1	-0.115484778	-0.852548122
D3YZW1	Srgap1	SLIT-ROBO Rho GTPase-activating protein 1	0.424391079	0.017962456
D3YZZ4	Tsc22d4	TSC22 domain family protein 4	-0.143705972	0.544979413
D3YZZ5	Tmed7	Transmembrane p24-trafficking protein 7	-0.295368719	-0.789357682
D3Z061	Uba6	E1 ubiquitin-activating enzyme	-0.020425638	0.427277247
D3Z079	Stxbp5	Syntaxin-binding protein 5	0.261517207	-0.434576035
D3Z0D9	Dnajc12	DnaJ homolog subfamily C member 12 (Fragment)	-0.042338339	0.652920564
D3Z0E6	Bpnt1	3'(2'),5'-bisphosphate nucleotidase 1	-0.066527907	0.054766973
D3Z0F5	Cops6	COP9 signalosome complex subunit 6	-0.060899448	0.273891131
D3Z0K7	Wipf2	WAS/WASL-interacting protein family member 2 (Fragment)	1.375595697	-0.014568806
D3Z0L4	Chchd3	MICOS complex subunit Mic19 (Fragment)	0.639813995	1.534882863
D3Z0M6	Dync1i1	Cytoplasmic dynein 1 intermediate chain 1	0.156994279	-0.132007758
D3Z0R1	Tpmt	Thiopurine S-methyltransferase (Fragment)	1.320555417	0.161495209
D3Z0S7	Stambpl1	AMSH-like protease (Fragment)	0.185044114	1.011996428
D3Z0T5	Cnpy4	Protein canopy homolog 4 (Fragment)	1.217753601	0.54657793
D3Z0V7	Tsc22d1	TSC22 domain family protein 1	-0.105657514	-0.309145292
D3Z118	Ica1	Islet cell autoantigen 1	0.089098136	0.415125052
D3Z158	Qars	Glutamyl-tRNA synthetase	-0.40237023	-0.502442519
D3Z1E6	Adam10	Disintegrin and metalloproteinase domain-containing protein 10 (Fragment)	-0.972030354	-2.019512335
D3Z1T0	Alkbh6	Alpha-ketoglutarate-dependent dioxygenase alkB homolog 6 (Fragment)	0.323524412	0.521934668
D3Z1T8	Ttc33	Tetratricopeptide repeat protein 33 (Fragment)	0.209919008	0.342451096
D3Z220	Ctsc	Dipeptidyl peptidase 1 (Fragment)	0.625143305	-0.036095142
D3Z275	Pcyox1	Prenylcysteine oxidase (Fragment)	1.173973052	-1.90892005
D3Z2E3	Reps1	RalBP1-associated Eps domain-containing protein 1	0.047595151	0.266216278
D3Z2H2	Ctnnd1	Catenin delta-1	0.753322935	-0.978681087
D3Z2H9	Tpm3-rs7	Tropomyosin 3, related sequence 7	-0.241419252	0.653862158
D3Z2Z1	Clip1	CAP-Gly domain-containing linker protein 1	0.082895406	0.131074111
D3Z325	Tnfaip8	Tumor necrosis factor alpha-induced protein 8	-0.562356695	0.069946448
D3Z396	Ntm	Neurotrimin	0.363442643	0.545339266
D3Z3C1	Faim	Fas apoptotic inhibitory molecule 1	0.3320913	0.044910272
D3Z3J6	Paip1	Polyadenylate-binding protein-interacting protein 1	0.660652765	0.622205575
D3Z3Y4	Tial1	Nucleolysin TIAR	0.643277327	0.741466999
D3Z3Z3	Cacnb3	Calcium channel voltage-dependent subunit beta 3	0.07956953	0.724007924
D3Z479	Snx15	Sorting nexin-15	-0.027142493	0.893409729
D3Z497	Gm7075	Predicted gene 7075	0.359136264	0.389776707
D3Z4C9	Uqcc2	Mitochondrial nucleoid factor 1	-0.157006741	-1.285612841
D3Z4D2	Rufy2	RUN and FYVE domain-containing protein 2	0.172296047	1.48087724
D3Z4H6	Tia1	Nucleolysin TIA-1	0.264732997	0.500288486
D3Z4J9	Eml1	Echinoderm microtubule-associated protein-like 1	0.194668452	1.456417243
D3Z4S6	Tmem132a	Transmembrane protein 132A	-1.262767331	-0.764804284
D3Z4U0	Zranb2	Zinc finger Ran-binding domain-containing protein 2	-0.034436925	0.415499369
D3Z510	Aldoa	Fructose-bisphosphate aldolase (Fragment)	-0.773086135	-0.180924733
D3Z553	Churc1	Protein Churchill	0.101906459	-0.212311904
D3Z568	Ndufb5	Complex I-SGDH	-0.667021863	-0.147011042

D3Z5N5	Pikfyve	1-phosphatidylinositol-3-phosphate 5-kinase	0.282995542	0.29989481
D3Z5R4	Wipf3	WAS/WASL-interacting protein family member 3	0.586577511	0.678836028
D3Z5T2	Armc10	Armadillo repeat-containing protein 10	1.118143463	-0.193224907
D3Z600	Pex5	PTS1-BP	-0.693741004	1.601114591
D3Z601	Clstn3	Calsyntenin-3	-0.238055865	-0.352195899
D3Z632	Aktip	AKT-interacting protein	0.522279771	-0.613769531
D3Z645	Vps29	Vacuolar protein sorting-associated protein 29	-0.035726198	0.422088464
D3Z656	Synj1	Phosphoinositide 5-phosphatase	-0.103103383	0.201745033
D3Z6B9	Aldh1l2	Formyltetrahydrofolate dehydrogenase	0.042151642	1.211157163
D3Z6G3	Mapre3	Microtubule-associated protein RP/EB family member 3	-0.010488383	0.271989187
D3Z6H3	Dctn6	Dynactin subunit 6	0.49593598	0.506857077
D3Z6I4	Cryz1l	Quinone oxidoreductase-like protein 1	0.348788548	0.126627445
D3Z6I8	Tpm3	Tropomyosin alpha-3 chain	-0.166926003	0.683095296
D3Z6S5	Plekhb1	Pleckstrin homology domain-containing family B member 1 (Fragment)	0.053974342	0.561212381
D3Z723	Nfyb	CAAT box DNA-binding protein subunit B (Fragment)	-0.84293588	0.020141125
D3Z780	Eif2b4	Translation initiation factor eIF-2B subunit delta	-0.36188914	0.179672559
D3Z794	Sumo2	Small ubiquitin-related modifier 2	0.08726174	-0.151598612
D3Z7E5	Gsk3a	[Tau protein] kinase	0.070436827	0.08066686
D3Z7G4	BC024978	cDNA sequence BC024978	-0.338547738	-0.136951129
D3Z7P3	Gls	Glutaminase kidney isoform, mitochondrial	-0.114360809	0.330125809
D3Z7T4	Hdac10	Polyamine deacetylase HDAC10	-0.934302425	0.34957393
D6RD11	Ptprg	Receptor-type tyrosine-protein phosphatase gamma	0.095443249	-0.126246293
D6RDE8	Desi1	Desumoylating isopeptidase 1	-0.616169484	0.306684653
D6REG4	Grhpr	Glyoxylate reductase/hydroxypyruvate reductase	-2.247174899	-1.551992178
D6RET6	Gpatch1	G patch domain-containing protein 1	0.228976059	0.239309152
D6REU0	Mindy3	Ubiquitin carboxyl-terminal hydrolase MINDY (Fragment)	-0.154637241	0.721156279
D6RHA2	Renbp	GlcNAc 2-epimerase	0.529999606	1.134419441
D6RIM8	Ush1c	Harmonin	-1.038005606	0.042279243
E0CX38	Ttc39b	Tetratricopeptide repeat protein 39B (Fragment)	-2.429596509	-0.159799735
E0CX39	Ggact	Gamma-glutamylaminocyclotransferase (Fragment)	-0.802078533	0.551413774
E0CX41	Lrrtm1	Leucine-rich repeat transmembrane neuronal protein 1 (Fragment)	0.207855352	0.727603833
E0CX53	Tbc1d4	TBC1 domain family member 4	-0.496336969	0.322293441
E0CXA9	Mob4	MOB-like protein phocein	0.301796627	0.597360611
E0CXB9	Ctnna2	Alpha N-catenin	0.074268945	0.063267072
E0CXD4	Pcdh1	Protocadherin 1	-0.048341592	-0.723861376
E0CXN5	Gpd1	Glycerol-3-phosphate dehydrogenase [NAD(+)]	-0.4514534	-0.151088556
E0CXS2	Tle3	Transducin-like enhancer protein 3	0.054561234	0.68358326
E0CXZ1	Fsd1l	FSD1-like protein (Fragment)	0.335382303	-0.209839503
E0CY16	Cadm1	Cell adhesion molecule 1	0.875148614	1.146435897
E0CY18	Zfand2b	AN1-type zinc finger protein 2B (Fragment)	0.025085926	0.563054085
E0CY88	Cyb5a	Cytochrome b5	0.015289275	0.381732464
E0CY96	Tsen15	tRNA-splicing endonuclease subunit Sen15	0.234709279	2.9195895
E0CYF5	Maf1	Repressor of RNA polymerase III transcription MAF1	0.590837129	0.31606706
E0CYQ2	Nudcd2	NudC domain-containing protein 2	-0.225459003	0.469850858
E0CYT1	Wnk2	Non-specific serine/threonine protein kinase	-0.473080921	0.351848125

E0CYV0	Pcmt1	Protein-L-isoaspartate O-methyltransferase	-0.001788839	0.673175812
E0CYV9		Uncharacterized protein C4orf54 homolog	-0.125936826	0.615150134
E0CZ16	Klhl3	Kelch-like protein 3	-0.677942403	-1.466417472
E0CZ50	Ndrp4	Protein NDRG4 (Fragment)	0.577479712	0.965566953
E0CZ72	Kif2a	Kinesin-like protein	0.001617908	0.421707312
E0CZ78	Ppp3cb	Serine/threonine-protein phosphatase	0.054724058	0.319129944
E0CZE0	Nae1	NEDD8-activating enzyme E1 regulatory subunit	-0.009311612	0.398003896
E9PU87	Sik3	Non-specific serine/threonine protein kinase	-0.023568757	0.126956622
E9PUA7	Tpd52	Tumor protein D52	0.152758376	0.181188424
E9PUB7	Msto1	Protein misato homolog 1	0.242584769	-0.467474937
E9PUC5	Psd3	PH and SEC7 domain-containing protein 3	0.145323245	-0.302665869
E9PUD2	Dnm1l	Dynamin-1-like protein	0.17176431	0.225408236
E9PUL5	Prrt2	Proline-rich transmembrane protein 2	1.306530412	1.08277909
E9PUQ7	Trmt2a	tRNA (uracil-5-)-methyltransferase homolog A	-0.242423503	-0.591552575
E9PUR6	Nr3c1	Glucocorticoid receptor	1.021203804	1.287592729
E9PUW7	Xpo7	Exportin-7	0.111370373	0.10513862
E9PUZ5	Pick1	PRKCA-binding protein	-0.052961763	0.59633112
E9PV14	Epb41l1	Band 4.1-like protein 1	0.00598952	0.058704535
E9PV22	Lrrc47	Leucine-rich repeat-containing protein 47	-0.171750641	0.476483186
E9PV24	Fga	Fibrinogen alpha chain	0.305875524	1.235450427
E9PV41	Diaph1	Protein diaphanous homolog 1	-0.349197133	0.418114662
E9PV44	Atpif1	ATP synthase F1 subunit epsilon	0.394865735	0.096924305
E9PV48	Ifit3b	Interferon-induced protein with tetratricopeptide repeats 3B	2.114112457	1.448904991
E9PV69	Cacul1	CDK2-associated and cullin domain-containing protein 1	-0.231595453	0.994760672
E9PVA8	Gcn1	eIF-2-alpha kinase activator GCN1	0.184800593	-0.590667884
E9PVB6	Limk1	LIM domain kinase 1	-0.429757849	1.409890811
E9PVC6	Eif4g1	Eukaryotic translation initiation factor 4 gamma 1	-0.129105568	0.168516795
E9PVC7	Cdk14	Cyclin-dependent kinase 14	0.018623702	-0.054185867
E9PVM1	Inpp4b	Phosphatidylinositol-3,4-bisphosphate 4-phosphatase	-0.562450473	0.522819281
E9PVU0	Myo6	Unconventional myosin-6	-0.325189527	0.65109849
E9PW07	Cbap	Voltage-dependent calcium channel beta subunit-associated regulatory protein	0.777912553	-0.30905056
E9PWB2	Csnk1a1	Casein kinase I isoform alpha	-0.399776967	-0.165755113
E9PWC8	Papola	Poly(A) polymerase	-1.946269353	-0.225525379
E9PVV3	Rps6ka1	Ribosomal protein S6 kinase	-0.86680034	0.626224677
E9PWY9	Farsa	Phenylalanine--tRNA ligase	0.05217514	0.229705334
E9PX23	Mta1	Metastasis-associated protein MTA1	-1.036461862	1.104308287
E9PX28	Pcdh10	Protocadherin 10	-0.437755299	0.441050529
E9PX29	Sptbn4	Spectrin beta chain	0.222992071	-0.38105917
E9PX33	Rel2	RELT-like protein 2	1.152536837	0.360189915
E9PX53	Ppp4r1	Serine/threonine-protein phosphatase 4 regulatory subunit 1	0.371604395	0.386356036
E9PX68	Slc4a1ap	Solute carrier family 4 (anion exchanger), member 1, adaptor protein	0.198630079	0.301463604
E9PX89	Bola3	BOLA-like protein 3	-1.731350923	-0.48628974
E9PXF0	Pcdh17	Protocadherin 17	-0.472223997	0.372342189
E9PXP7	Ston2	Stonin-2	-0.042972851	0.25112764
E9PXX7	Txndc5	Thioredoxin domain-containing protein 5	0.134359264	0.033625444

E9PXY8	Usp7	Ubiquitin carboxyl-terminal hydrolase 7	-0.153591887	0.213556449
E9PY16	Adap1	ArfGAP with dual PH domains 1	-0.200580883	0.307468096
E9PYB0	Ahnak2	AHNAK nucleoprotein 2 (Fragment)	-0.197158813	0.342377345
E9PYB1	Tbc1d14	TBC1 domain family member 14	-0.672377745	-0.286200205
E9PYF4	Lmo7	LIM domain only 7	0.395397409	1.059808731
E9PYG6	Rasa1	RAS p21 protein activator 1	0.159033553	-0.302921613
E9PYG9	Samhd1	Deoxynucleoside triphosphate triphosphohydrolase SAMHD1	-1.284464582	-0.690514882
E9PYH0	Vcan	Versican core protein	-0.269822852	0.241636753
E9PYH2	Acot7	Cytosolic acyl coenzyme A thioester hydrolase	-0.2108874	0.368970235
E9PYH3	Etnppl	Ethanolamine-phosphate phospho-lyase	-0.167434057	0.142128944
E9PYI8	Usp14	Ubiquitin carboxyl-terminal hydrolase	-0.090847365	0.229961395
E9PYJ7	Pitpmn2	Membrane-associated phosphatidylinositol transfer protein 2	0.214567534	-1.57217133
E9PYJ9	Ldb3	LIM domain-binding protein 3	-1.251803907	0.460076253
E9PYN1	Cadm1	Cell adhesion molecule 1	1.26176432	1.263089816
E9PYP8	Crybb1	Beta-B1 crystallin (Fragment)	0.80580918	1.398866653
E9PYT0	Arhgap5	Rho GTPase-activating protein 5	-0.320492395	-0.137629986
E9PZ00	Psap	Prosaposin	0.035121981	1.003907998
E9PZ43	Map4	Microtubule-associated protein	-0.17339201	0.376547337
E9PZ91	Fhit	Bis(5'-adenosyl)-triphosphatase	-0.036189715	0.102368196
E9PZD8	Cp	Ceruloplasmin	0.375878874	-0.212349693
E9PZF5	Anp32e	Acidic leucine-rich nuclear phosphoprotein 32 family member E (Fragment)	-1.666783778	0.973587195
E9PZI9	Cd200	OX-2 membrane glycoprotein	0.417914772	0.864418825
E9PZM8	Nptxr	Neuronal pentraxin receptor	-0.023175081	0.213883241
E9Q027	Cnot2	CCR4-NOT transcription complex subunit 2	-0.342257182	-1.403880437
E9Q0A7	Oxr1	Oxidation resistance protein 1	-0.302724202	-0.712670803
E9Q0F0	Krt78	Keratin 78	1.869459089	1.310343107
E9Q0H6	Fabp7	Fatty acid-binding protein, brain	-0.220606359	0.407995542
E9Q0J5	Kif21a	Kinesin-like protein KIF21A	-0.348422496	-0.278953552
E9Q0N0	Itsn1	Intersectin-1	0.023957475	0.345170657
E9Q0W6	Ablim2	Actin-binding LIM protein 2	-0.082216231	-0.023026625
E9Q0W8	Snrpe	Small nuclear ribonucleoprotein E	-0.547350121	2.738630772
E9Q150	Dvl3	Segment polarity protein dishevelled homolog DVL-3	-0.146058432	-0.144721349
E9Q179	Grsf1	G-rich sequence factor 1	-0.244702816	0.959696213
E9Q1D5	Tgfb1i1	Transforming growth factor beta-1-induced transcript 1 protein	-0.6178243	0.247516155
E9Q1G8	Septin7	Septin	0.003487746	0.047307491
E9Q1S3	Sec23a	Protein transport protein SEC23	-0.139892101	-0.006847064
E9Q1U6	Ctif	CBP80/20-dependent translation initiation factor	0.321402136	1.068336646
E9Q1V2	Cpne5	Copine-5 (Fragment)	0.798900286	-0.58218956
E9Q1W0	Camk2d	Calcium/calmodulin-dependent protein kinase	0.472340679	-0.030430317
E9Q1X8	Cacna2d1	Voltage-dependent calcium channel subunit alpha-2/delta-1	0.048839887	0.170226574
E9Q1Y3	Apob	Apolipoprotein B-100 (Fragment)	1.522303168	1.22517697
E9Q1Z0	Krt90	Keratin 90	0.04282608	1.304093361
E9Q2U4	Naa35	N-alpha-acetyltransferase 35, NatC auxiliary subunit (Fragment)	0.045090707	-0.401596069
E9Q2W9	Actn4	Alpha-actinin-4 (Fragment)	-0.416512299	2.595565955

E9Q2X2	Nrxn3	Neurexin-3-beta	0.153958352	0.577393373
E9Q350	Baiap3	BAI1-associated protein 3	0.407597542	0.540993373
E9Q3E2	Synpo	Synaptopodin	0.492831548	1.093088627
E9Q3G8	Nup153	Nucleoporin 153	-0.238607407	-0.081391335
E9Q3M0	Smad2	Mothers against decapentaplegic homolog	1.046684964	-0.197927157
E9Q3M3	Dctn1	Dynactin subunit 1	-0.023321279	-0.117148081
E9Q3M9	Cracdl	Capping protein-inhibiting regulator of actin-like	0.231049252	0.274372101
E9Q3Q6	Alcam	Activated leukocyte cell adhesion molecule	1.247978242	1.850096623
E9Q3T8	Trappc9	Trafficking protein particle complex subunit 9	0.636457666	-0.840210915
E9Q3V0	Slc6a9	Sodium- and chloride-dependent glycine transporter 1	-0.528608068	-0.02865839
E9Q3V9	Adgrl1	Adhesion G protein-coupled receptor L1	-1.316715209	-0.210947037
E9Q446	Rnf25	E3 ubiquitin-protein ligase RNF25	0.032497152	0.54407994
E9Q447	Sptan1	Spectrin alpha chain, non-erythrocytic 1	0.477566051	-0.04047219
E9Q452	Tpm1	Tropomyosin alpha-1 chain	-0.878902404	3.242145061
E9Q456	Tpm1	Tropomyosin alpha-1 chain	0.053320567	0.483448029
E9Q481	Ppp4r3a	Serine/threonine-protein phosphatase 4 regulatory subunit 3A	0.163215097	1.564625104
E9Q4M4	Chchd6	MICOS complex subunit Mic25	-0.958640575	1.697242439
E9Q4Z6	Dzank1	Double zinc ribbon and ankyrin repeat-containing protein 1	0.196011003	1.324254354
E9Q512	Trip11	Thyroid hormone receptor interactor 11	0.12292881	1.123096625
E9Q557	Dsp	Desmoplakin	-0.067057578	-0.425350666
E9Q5B5	Hk2	Hexokinase	-0.650501092	1.034567197
E9Q5D6	Ranbp9	Ran-binding protein 9	0.237727865	0.590034803
E9Q616	Ahnak	AHNAK nucleoprotein (desmoyokin)	0.306936105	1.084345818
E9Q6E0	Mapk8ip3	C-Jun-amino-terminal kinase-interacting protein 3	0.1254378	0.306477865
E9Q6E5	Srsf11	Serine and arginine-rich-splicing factor 11	-1.258412329	1.537530581
E9Q6J5	Bod1l	Biorientation of chromosomes in cell division protein 1-like 1	1.078193808	2.784983178
E9Q6J8	Dmwd	Dystrophia myotonica WD repeat-containing protein	0.358809916	-0.072815418
E9Q6R7	Utrn	Utrophin	-0.559914716	-0.053329468
E9Q6U4	Pfdn4	Prefoldin subunit 4	-0.29070247	1.036845207
E9Q7B0	P4ha1	Procollagen-proline 4-dioxygenase	0.175246175	0.843600909
E9Q7E9	Pacs2	Phosphofurin acidic cluster sorting protein 2	-0.491463121	0.950230916
E9Q7G0	Numa1	Nuclear mitotic apparatus protein 1	-0.190406513	-0.127514998
E9Q7N5	Gfm2	Ribosome-releasing factor 2, mitochondrial	0.138040876	1.19860061
E9Q7U2	Calcoco1	Calcium-binding and coiled-coil domain-containing protein 1	0.319066525	0.326501369
E9Q7V6	Pde1c	Phosphodiesterase	-0.073755169	-2.147297859
E9Q827	Arpp19	cAMP-regulated phosphoprotein 19	0.046806717	0.139486949
E9Q828	Atp2b4	Calcium-transporting ATPase	0.680832227	0.136715094
E9Q835	Cadps2	Calcium-dependent secretion activator 2	-0.134222857	-0.024109523
E9Q855	Scamp3	Secretory carrier-associated membrane protein	-1.047333606	0.832546473
E9Q8A3	Pi4kb	Phosphatidylinositol 4-kinase beta	-0.602030691	-0.531970978
E9Q8N5	Clasp2	CLIP-associating protein 2	-0.166131274	0.310947736
E9Q8P8	Fam131b	Protein FAM131B	0.413003794	-0.020643393
E9Q912	Rap1gds1	Rap1 GTPase-GDP dissociation stimulator 1	0.022101657	0.577645938
E9Q9B0	Kif1c	Kinesin-like protein KIF1C	1.680415535	0.337519328
E9Q9C0	Ablim1	Actin-binding LIM protein 1	0.083023771	-0.144944191

E9Q9C3	Afdn	Afadin	0.295952543	0.312191645
E9Q9G6	Kif1a	Kinesin-like protein KIF1A	1.71158212	-0.126292388
E9Q9H0	Dlg1	Disks large homolog 1	0.621871297	0.67639327
E9Q9J4	Ppip5k2	Inositol hexakisphosphate and diphosphoinositol-pentakisphosphate kinase	-1.218857034	-0.101463477
E9Q9T8	Mybpc3	Myosin-binding protein C, cardiac-type	0.976547686	1.473906676
E9QA16	Cald1	Caldesmon 1	-0.29954319	0.518410365
E9QAA3	Arhgap26	Rho GTPase-activating protein 26	0.491612053	0.006011963
E9QAQ5	Gsk3b	Glycogen synthase kinase-3 beta	-0.186798414	0.14733394
E9QAS4	Chd4	DNA helicase	0.118448702	0.088713487
E9QAT4	Sec16a	Protein transport protein Sec16A	-0.129840247	-1.107634703
E9QB01	Ncam1	Neural cell adhesion molecule 1	0.059097735	1.654202143
E9QB02	Mars1	Methionine--tRNA ligase, cytoplasmic	-0.113301373	-0.369641145
E9QK04	Neo1	Neogenin	-0.181356176	0.940560659
E9QK34	Nlgn1	Neurologin-1	0.295691236	0.843527953
E9QK48	Eml2	Echinoderm microtubule-associated protein-like 2	-0.208823395	0.351682822
E9QK62	Ngef	Ephexin-1	0.2051651	0.240073999
E9QKB2	Habp4	Intracellular hyaluronan-binding protein 4	0.203250821	0.056102753
E9QKI4	Akt1s1	Proline-rich AKT1 substrate 1	0.336010075	-0.093487263
E9QKZ2	Ipo9	Importin-9	-0.175411828	-0.023209254
E9QL65	Cog3	Component of oligomeric Golgi complex 3	0.069864591	-0.382162889
E9QLA5	Inf2	Inverted formin-2	-0.292257436	0.232996305
E9QLB2	Lyplal1	Lysophospholipase-like protein 1	0.530910333	0.550733725
E9QLK9	Snap91	Clathrin coat assembly protein AP180	0.184154288	0.636865139
E9QM38	Slc12a2	Solute carrier family 12 member 2	0.045227432	0.428711573
E9QM77	Atxn2	Ataxin-2	-0.005675983	-0.336526712
E9QM90	Relch	RAB11-binding protein RELCH	0.04095637	0.079686642
E9QMA2	Fam172a	Cotranscriptional regulator FAM172A	0.120346928	-0.098663489
E9QMB7	Naa30	N-alpha-acetyltransferase 30	0.614044412	1.683799744
E9QMC2	Grm5	Metabotropic glutamate receptor 5	-0.153860188	0.384651423
E9QMI7	Asap1	Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1	0.048626932	0.249886672
E9QMK9	Dglucy	D-glutamate cyclase, mitochondrial	-0.02772665	0.493462086
E9QN14	Srgap3	SLIT-ROBO Rho GTPase-activating protein 3	-0.253054333	-0.014811675
E9QNA7	Sorbs1	Sorbin and SH3 domain-containing protein 1	0.03190705	0.354343891
E9QND8	Atl2	Atlastin-2	1.643618711	0.718305111
E9QNF7	Cntnap2	Contactin-associated protein-like 2	0.136537552	0.438218594
E9QP54	Ahi1	Joubertin	0.562206999	0.084366481
E9QPD7	Pcx	Pyruvate carboxylase	-0.265268008	0.077214877
E9QPU1	Vwf	von Willebrand factor	-0.092121442	1.007178624
E9QPX3	Ndufs4	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial	1.464600245	0.957255205
E9QPZ3	Flg2	Filaggrin-2	-0.170760791	-1.984743675
E9QQ10	Akap9	A-kinase anchor protein 9	-0.391767279	0.514661789
E9QQ38	Ddhd1	Phospholipase DDHD1	0.508356524	0.780264854
F2Z3U3	Raph1	Ras association (RalGDS/AF-6) and pleckstrin homology domains 1	0.364110025	0.583548546
F2Z3X3	Cuedc1	CUE domain-containing protein 1	0.322835191	-0.314370314
F2Z3X6	Pdpk1	3-phosphoinositide-dependent protein kinase 1	0.188088894	2.09995079

F2Z455	Fhl3	Four and a half LIM domains protein 3	0.818180211	1.76018556
F2Z456	Cyb5r3	NADH-cytochrome b5 reductase	-0.077125581	-0.313477198
F6QCI0	Taf15	TATA-box-binding protein-associated factor 15 (Fragment)	-0.208428987	-0.225618919
F6QHD1	Mtdh	Protein LYRIC (Fragment)	-0.313699977	0.907543182
F6R3V4	Tcof1	Treacle protein	-1.084212462	0.15182972
F6RJ39	Acin1	Apoptotic chromatin condensation inducer in the nucleus (Fragment)	-0.387395032	0.546038469
F6RPJ9	Ide	Insulin-degrading enzyme (Fragment)	-0.016944472	0.217882156
F6RXX6	Wdr73	WD repeat-containing protein 73 (Fragment)	0.476255862	0.491328955
F6S1R2	Ahsa2	Activator of 90 kDa heat shock protein ATPase homolog 2 (Fragment)	0.107796987	0.208204587
F6S2R9	Dbr1	Lariat debranching enzyme (Fragment)	-0.399103387	-0.42171065
F6SQH7	Poldip2	Polymerase delta-interacting protein 2 (Fragment)	0.150190099	-0.78406779
F6T4L3	Manf	Mesencephalic astrocyte-derived neurotrophic factor (Fragment)	1.865675275	2.981311162
F6TCF9	Bag1	BAG family molecular chaperone regulator 1	0.341965675	0.719354153
F6TZK4	Rims1	Regulating synaptic membrane exocytosis protein 1	0.781731987	0.122082392
F6UP77	Amdhd2	Amidohydrolase domain-containing protein 2	-0.460055129	-0.162506898
F6V2U0	Inpp4a	Phosphatidylinositol-3,4-bisphosphate 4-phosphatase	-0.103885619	0.049833457
F6W8I0	Yjefn3	YjeF N-terminal domain-containing protein 3	-0.285728137	0.334313234
F6WNR1	Plod1	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1 (Fragment)	0.374959135	1.059223493
F6WR04	Ctss	Cathepsin S	0.596942298	0.714355946
F6X4L9	Coq5	2-methoxy-6-polyprenyl-1,4-benzoquinol methylase, mitochondrial (Fragment)	-1.559810607	-0.093234062
F6XC25	Cc2d1b	Coiled-coil and C2 domain-containing protein 1B (Fragment)	0.04311142	0.173382441
F6XVP7	Rnf31	RBR-type E3 ubiquitin transferase (Fragment)	-0.673806318	1.816629062
F6Y6I6	Paip1	Polyadenylate-binding protein-interacting protein 1	0.294208177	-0.013043563
F6YVP7	Rps18-ps6	40S ribosomal protein S18	-0.129029814	-0.090261777
F6Z1R4	Cltc	Clathrin heavy chain 1 (Fragment)	0.689259942	0.385492245
F6Z9T5	R3hdm2	R3H domain-containing protein 2 (Fragment)	-0.256868966	0.780729055
F6ZBL2	Mib1	RING-type E3 ubiquitin transferase (Fragment)	-0.28425436	0.985225677
F6ZCF0	Agtpbp1	Cytosolic carboxypeptidase 1 (Fragment)	-0.747925536	-0.703506947
F6ZDS4	Tpr	Nucleoprotein TPR	-0.068832652	0.186083953
F6ZFU0	Eef1d	Elongation factor 1-delta (Fragment)	0.21911033	-0.81987381
F6ZHD8	Gbe1	1,4-alpha-glucan branching enzyme	-0.479094982	-0.688518524
F7AA26	Pakap	Paralemmin A kinase anchor protein (Fragment)	0.117138354	0.62753137
F7AI87	Psmd4	26S proteasome non-ATPase regulatory subunit 4 (Fragment)	0.108139769	-0.31481266
F7B1B6	Coq8a	Atypical kinase COQ8A, mitochondrial (Fragment)	0.69857502	1.755861024
F7B227	Ech1	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial (Fragment)	0.782033126	3.786350409
F7BAB2	Tmem132b	Transmembrane protein 132B	-0.041857942	1.267538548
F7BGR7	Gm21992	Predicted gene 21992	-0.754577192	-0.327633699
F7BJK1	Pcdh1	Protocadherin 1 (Fragment)	0.012784513	0.487593492
F7C3A0	Plch2	Phosphoinositide phospholipase C	-0.119537989	-0.741344293
F7CBP1	Eif4g2	Eukaryotic translation initiation factor 4 gamma 2	-0.220004845	1.273269812
F7CC56	Rb1cc1	RB1-inducible coiled-coil protein 1 (Fragment)	-0.094327068	1.850491891
F7CHQ7	Nop56	Nucleolar protein 56 (Fragment)	-0.111877823	1.20169274
F7CPX0	Sgip1	Endophilin-3-interacting protein (Fragment)	-1.387434419	0.184227626

F7CVQ1	Ntng1	Netrin-G1	1.09326992	2.508038362
F7CZ64	Cacng8	Voltage-dependent calcium channel gamma-8 subunit	0.593952847	1.288011154
F7DBQ0	Pdia6	Protein disulfide-isomerase A6	0.350833448	0.952510834
F7DE82	Slirp	SRA stem-loop-interacting RNA-binding protein, mitochondrial (Fragment)	0.658090528	-0.157265345
F8SLP9	Pex5l	PEX5-related protein	-0.104985046	0.166307131
F8VPK0	Ttc37	Tetratricopeptide repeat domain 37	-0.174401887	0.307213147
F8VPM7	Erc1	ELKS/Rab6-interacting/CAST family member 1	0.04486866	0.750863711
F8VPN4	Agl	4-alpha-glucanotransferase	-0.406655153	-0.28714323
F8VPU2	Farp1	FERM, ARHGEF and pleckstrin domain-containing protein 1	0.101767858	-0.00313139
F8VPZ3	Usp32	Ubiquitinyl hydrolase 1	0.114364084	0.368168195
F8VQ95	Tacc1	Transforming acidic coiled-coil-containing protein 1	-0.021221129	0.436476549
F8VQA4	Pam	Peptidyl-glycine alpha-amidating monooxygenase	0.208488846	0.496007284
F8VQC1	Srp72	Signal recognition particle subunit SRP72	-0.304424413	0.272103151
F8VQE9	Agap3	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3	0.044424597	0.053928057
F8VQJ3	Lamc1	Laminin subunit gamma-1	0.007118766	1.431333303
F8VQK3	Gucy1a2	Guanylate cyclase	-0.230126413	1.076542695
F8VQK5	Sash1	SAM and SH3 domain-containing protein 1	0.02837162	0.252072175
F8VQN6	Arhgef12	Rho guanine nucleotide exchange factor 12	-1.191269048	-1.144678593
F8WGE7	Txn14a	Thioredoxin-like protein 4A (Fragment)	-1.41882995	0.194872379
F8WGF2	Nos1	Constitutive NOS	-0.071640174	0.145501296
F8WGT1	Ahcyl2	Putative adenosylhomocysteinase 3	-0.332499981	0.256000996
F8WGX0	Fgd4	FYVE, RhoGEF and PH domain-containing protein 4 (Fragment)	-0.07278525	0.841604153
F8WGX5	Dmxl1	DmX-like protein 1	0.148953883	-0.442022483
F8WHB1	Atp2b2	Calcium-transporting ATPase	0.328272629	0.403738976
F8WHK6	Phykpl	5-phosphohydroxy-L-lysine phospho-lyase	-0.210749944	0.02428786
F8WHL2	Copa	Coatomer subunit alpha	-0.082553323	0.186122417
F8WHM5	Glg1	Golgi apparatus protein 1 (Fragment)	-1.65264926	0.626550833
F8WHQ1	Tpd52	Tumor protein D52	0.308770784	0.757246892
F8WHR6	Ddx46	RNA helicase	0.299473445	0.687530677
F8WHU9	Zpr1	Zinc finger protein ZPR1 (Fragment)	0.087820339	0.410243511
F8WHW6	Pip5k1c	Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma	0.017404175	0.066555659
F8WI30	Snx7	Sorting nexin-7	0.642258835	0.032660325
F8WIB1	Arl1	ADP-ribosylation factor-like protein 1 (Fragment)	0.628427887	2.650480111
F8WIE1	Man2c1	Alpha-mannosidase	-0.084967836	0.348267714
F8WIE5	Hectd1	HECT-type E3 ubiquitin transferase	-0.138402685	-1.609877507
F8WIR1	Ctsd	Cathepsin D	0.223471324	0.85948197
F8WIT2	Anxa6	Annexin	0.21460104	-0.61070776
F8WIU1	1700037H04Rik	RIKEN cDNA 1700037H04 gene	-0.025988706	-0.228703976
F8WIV2	Serpinb6a	Serine (or cysteine) peptidase inhibitor, clade B, member 6a	-0.05758311	0.38998874
F8WIV5	Dnm2	Dynamin GTPase	-0.384056218	-1.977491776
F8WJ41	Rps15a	40S ribosomal protein S15a (Fragment)	0.142113876	1.328332265
F8WJA5	Msi1	RNA-binding protein Musashi homolog 1 (Fragment)	0.861988576	-0.978659153
F8WJB9	Evl	Ena/VASP-like protein	0.098002561	0.859865824
F8WJG3	Tra2b	Transformer-2 protein homolog beta	-0.053116131	0.331488132
F8WJI3	Ccdc58	Coiled-coil domain-containing protein 58	-0.274327342	2.035378138

F8WJK8	St13	Hsc70-interacting protein	-0.025458272	0.489065806
G3UVV4	Hk1	Hexokinase	0.301854897	-0.234386126
G3UWD8	Rchy1	RING finger and CHY zinc finger domain-containing protein 1	-0.226510398	1.152682145
G3UWG2	Tiam1	T-lymphoma invasion and metastasis-inducing protein 1	-0.370807552	0.642142137
G3UWI9	Sumo3	Small ubiquitin-related modifier 3	-0.097471428	0.471345266
G3UWR2	Gigyf2	GRB10-interacting GYF protein 2	-0.046199417	-1.442749341
G3UWV4	Brsk2	Serine/threonine-protein kinase BRSK2	-0.17296985	0.121702353
G3UX23	Gne	Bifunctional UDP-N-acetylglucosamine 2-epimerase/N-acetylmannosamine kinase	-0.099616941	1.989917278
G3UX48	Prrc2a	Protein PRRC2A	-0.170355797	0.575384299
G3UXB4	Ctu2	Cytoplasmic tRNA 2-thiolation protein 2	1.111281999	-1.980234365
G3UXL2	Prps1l3	Ribose-phosphate diphosphokinase	-0.053363005	0.122581959
G3UXT7	Fus	RNA-binding protein FUS (Fragment)	-0.020847925	-0.481365522
G3UXT9	Usp13	Ubiquitinyl hydrolase 1	-0.195572344	0.736902555
G3UXW9	Gps1	COP9 signalosome complex subunit 1	0.125577291	0.422270457
G3UXZ5	Psme1	Proteasome activator complex subunit 1 (Fragment)	0.228257116	1.41584142
G3UY42	Pabpn1	Polyadenylate-binding protein 2	-0.540039126	0.172237714
G3UYD0	Gtf2i	General transcription factor II-I	-0.066262404	0.780244986
G3UYJ7	Gm20441	Predicted gene 20441 (Fragment)	-0.094546318	-0.241056919
G3UYPO	Ube2i	SUMO-conjugating enzyme UBC9 (Fragment)	-0.184676234	0.585350672
G3UYU4	Flot1	Flotillin	0.683275127	0.996164163
G3UYV7	Rps28	40S ribosomal protein S28 (Fragment)	1.499044577	0.819938342
G3UZ48	Syncrip	Heterogeneous nuclear ribonucleoprotein Q	-0.097039	0.863672098
G3UZI7	Arhgap6	Rho GTPase-activating protein 6	0.184787718	1.000618696
G3UZJ2	Map2	Microtubule-associated protein (Fragment)	-0.229207548	-0.782203674
G3UZM4	Cadm2	Cell adhesion molecule 2 (Fragment)	0.41890955	0.764217059
G3UZY2	Txn2	Thioredoxin, mitochondrial (Fragment)	0.879795218	0.654774984
G3X8R0	Reep5	Receptor expression-enhancing protein	0.397062047	0.29651626
G3X8R1	Kptn	KICSTOR complex protein kaptin	0.17391669	-0.255693674
G3X8R5	Qrich1	Glutamine-rich protein 1	-0.112953854	-0.457323869
G3X8R8	Mrtfb	Myocardin-related transcription factor B	0.65614392	-0.113791068
G3X8T2	Zc3h18	Zinc finger CCCH domain-containing protein 18	-1.204280376	-0.460995038
G3X8T3	Ctsa	Carboxypeptidase	-0.272472254	-0.01729552
G3X8T9	Serpina3n	Serine protease inhibitor A3N	0.001933511	0.125876427
G3X8U3	2210016F16Rik	Queuosine salvage protein	-0.096162192	-0.358395735
G3X8X7	Vps16	Vacuolar protein sorting-associated protein 16 homolog	0.313540236	0.06535387
G3X8Y3	Naa15	N-alpha-acetyltransferase 15, NatA auxiliary subunit	0.041456795	0.386132081
G3X915	Lysmd2	LysM and putative peptidoglycan-binding domain-containing protein 2	0.349496619	0.588909467
G3X920	Armcd8	Armadillo repeat-containing protein 8	0.740158081	-0.759301345
G3X928	Sec23ip	SEC23-interacting protein	-0.208772437	0.013458252
G3X956	Supt16	FACT complex subunit	0.249666595	-0.617623965
G3X977	Itih2	Inter-alpha-trypsin inhibitor heavy chain H2	-0.010946814	2.203129818
G3X9A7	Plcx3	PI-PLC X domain-containing protein 3	-0.648420111	2.704713186
G3X9G2	Mink1	Misshapen-like kinase 1	0.051409944	-0.037977378
G3X9H5	Htt	Huntingtin	-0.042955971	0.020386219
G3X9H7	Mtss1	Protein MTSS 1	-0.49216795	0.68659989

G3X9K3	Arfgef1	Brefeldin A-inhibited guanine nucleotide-exchange protein 1	-0.237276586	-0.17705965
G3X9N3	Pnmal2	PNMA-like 2	-0.652589194	0.447915236
G3X9U9	Fis1	Mitochondrial fission 1 protein	0.346890163	0.793976784
G3X9V8	Serpib3a	Serine (or cysteine) peptidase inhibitor, clade B (ovalbumin), member 3A	0.414648501	-0.171108087
G3X9X1	Kbtbd2	Kelch repeat and BTB (POZ) domain-containing 2	-0.265501308	-0.091607889
G3X9Y1	Syt3	Synaptotagmin-3	-0.461193816	0.160360336
G3X9Y5	Ube4a	Ubiquitin conjugation factor E4 A	-0.106080627	1.150505702
G3XA18	Naaa	Ceramidase	0.626933575	0.577642759
G3XA53	Omg	Oligodendrocyte-myelin glycoprotein	0.419486523	0.39916261
G5DDB7	Plcd1	Phosphoinositide phospholipase C	0.044658788	-0.090770562
G5E814	Ndufa11	Complex I-B14.7	-0.088218451	-0.617021084
G5E829	Atp2b1	Plasma membrane calcium-transporting ATPase 1	0.255764135	0.151251316
G5E846	Prph	Peripherin	0.382384109	0.10259374
G5E866	Sf3b1	Splicing factor 3B subunit 1	0.171454652	-0.415837606
G5E884	Pak1	Non-specific serine/threonine protein kinase	-0.015665627	0.493935585
G5E895	Akr1b10	Aldo-keto reductase family 1, member B10 (aldose reductase)	-0.158604272	0.430887699
G5E898	Ppl	Periplakin	1.50958306	-0.474616607
G5E8J3	Wdr11	WD repeat-containing protein 11	0.317912833	1.947225094
G5E8J9	Scyl2	SCY1-like protein 2	-0.283631357	1.104673982
G5E8Q0	Lyst	Lysosomal-trafficking regulator	-0.544764996	-0.661077976
G5E8Q4	Cyth3	Cytohesin-3	0.129953957	0.810625394
G5E8R4	Ppp6r3	Serine/threonine-protein phosphatase 6 regulatory subunit 3	-0.084940402	0.030444145
G5E8R8	Ubxn7	UBX domain-containing protein 7	0.105128638	0.360200405
G5E8T3	Srp19	Signal recognition particle 19 kDa protein	0.297460874	1.009312948
G5E8T6	Magi3	Membrane-associated guanylate kinase inverted 3	0.404620361	0.93717885
G5E8T9	Hagh	Hydroxyacylglutathione hydrolase, mitochondrial	-0.003566106	-0.022252401
G5E8Z3	2310050C09Rik	RIKEN cDNA 2310050C09 gene	0.176428127	1.737647216
G5E902	Slc25a3	Phosphate carrier protein, mitochondrial	0.047842248	0.385863622
G5E924	Hnrnp1	Heterogeneous nuclear ribonucleoprotein L (Fragment)	0.039087327	-0.688585599
H3BJ07	Golph3l	Golgi phosphoprotein 3-like	-0.720842806	1.152881463
H3BJ30	Cpsf6	Cleavage and polyadenylation specificity factor subunit 6	-0.382250182	0.787430604
H3BJB4	Rnf141	RING finger protein 141	0.172534053	0.295375188
H3BJD6	Ppp1r9a	Protein phosphatase 1, regulatory subunit 9A	0.161471113	-0.140070279
H3BJH7	Aftph	Aftiphilin	-0.691446749	-0.466445764
H3BJL6	Esd	S-formylglutathione hydrolase	-0.237558492	0.428618431
H3BJZ7	Unc13a	Protein unc-13 homolog A	0.138091214	0.234349092
H3BK03	Pon1	Serum paraoxonase/arylesterase 1 (Fragment)	0.169421546	0.171824932
H3BKM2	Zc3hc1	Nuclear-interacting partner of ALK	-0.022427622	0.288799922
H3BKQ3	Evi5l	Ecotropic viral integration site 5-like	0.05077076	0.22687006
H3BL05	Zfp428	Zinc finger protein 428 (Fragment)	1.022586759	2.200058142
H3BLJ3	Miga2	Mitoguardin 2 (Fragment)	-1.375228691	0.320864201
H3BLL2	Atpaf1	ATP synthase mitochondrial F1 complex assembly factor 1	-0.080700175	0.579723199
H7BWY4	Dlg1	Disks large homolog 1	-0.022384548	0.23075374
H7BWY8	Tsr2	Pre-rRNA-processing protein TSR2 homolog	0.522621314	0.338652929
H7BX26	Cep170	Centrosomal protein of 170 kDa	0.154240767	0.188666821

H7BX88	Crat	Carnitine O-acetyltransferase	0.710173448	-0.4589715
H7BX95	Srsf1	Serine/arginine-rich splicing factor 1	0.024978447	0.067883492
H9KUZ8	Cep41	Centrosomal protein of 41 kDa	-0.459155305	0.11476469
I3ITR1	AK157302	cDNA sequence AK157302	-0.051919079	0.531265418
I7HJQ9	Mtmr1	Phosphatidylinositol-3,5-bisphosphate 3-phosphatase	0.336324469	-1.353881995
I7HLV2	Rpl10	60S ribosomal protein L10 (Fragment)	0.915041637	1.44648091
J3JS94	Lage3	EKC/KEOPS complex subunit Lage3	-0.711678569	3.127202431
J3KMQ6	5730455P16Rik	RIKEN cDNA 5730455P16 gene	-1.593260829	0.414651473
J3QMG3	Vdac3	Voltage-dependent anion-selective channel protein 3	0.40981973	1.061455727
J3QMM7	Naxd	ATP-dependent (S)-NAD(P)H-hydrate dehydratase	-0.155425898	0.445957661
J3QN31	Adssl1	Adenylosuccinate synthetase isozyme 1	0.154910215	0.255498091
J3QN89	Aamp	Angio-associated migratory protein	0.253427696	0.510442734
J3QNT7	Epn2	Epsin-2	-0.089545441	0.302649816
J3QNU6	Arrb1	Beta-arrestin-1	-0.153336747	0.142257849
J3QNW4	Trappc13	Trafficking protein particle complex subunit 13	0.082701937	0.197864532
J3QP41	Creg1	Protein CREG1	0.327233251	0.162865321
J3QP71	Bsg	Basigin (Fragment)	0.681484127	0.429511547
J3QQ13	Tnnt2	Troponin T, cardiac muscle	0.633075428	2.101530234
K3W4R2	Myh14	Myosin-14	-1.115376345	-0.883843044
K3W4T3	Atp6v0a1	V-type proton ATPase subunit a	0.161269124	0.394172668
K4DI58	Cadm3	Cell adhesion molecule 3	0.117865181	0.382606188
M0QW59	Ksr2	Kinase suppressor of Ras 2	0.115145938	0.438570499
M0QWN7	Usp35	Ubiquitin-specific peptidase 35	0.617516994	1.060511986
O08529	Capn2	Calpain-2 catalytic subunit	-0.014859613	0.371307691
O08539	Bin1	Myc box-dependent-interacting protein 1	0.076032575	0.230254491
O08547	Sec22b	Vesicle-trafficking protein SEC22b	0.158684063	0.902941704
O08553	Dpysl2	Dihydropyrimidinase-related protein 2	-0.466673597	0.17599233
O08576	Rundc3a	RUN domain-containing protein 3A	-0.163488515	-0.130143166
O08582	Gtpbp1	GTP-binding protein 1	0.802128474	0.722802083
O08583	Alyref	THO complex subunit 4	-1.330831814	-0.533197085
O08586	Pten	Phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN	0.416439025	0.677483718
O08599	Stxbp1	Syntaxin-binding protein 1	0.057635371	0.236503919
O08648	Map3k4	Mitogen-activated protein kinase kinase kinase 4	-0.264227613	0.752932151
O08663	Metap2	Methionine aminopeptidase 2	0.332915433	2.185031732
O08715	Akap1	A-kinase anchor protein 1, mitochondrial	-0.482383537	0.066386859
O08749	Dld	Dihydrolipoyl dehydrogenase, mitochondrial	-0.158743827	0.166609128
O08759	Ube3a	Ubiquitin-protein ligase E3A	0.037498697	0.354602496
O08795	Prkcsh	Glucosidase 2 subunit beta	0.029878871	0.211781661
O08797	Serpib9	SPI6	0.216161537	-0.533789476
O08800	Serpib8	Serpin B8	-0.98344895	0.146148046
O08807	Prdx4	Peroxiredoxin-4	0.055832163	0.662142913
O08842	Gfra2	GDNF family receptor alpha-2	-0.161314138	0.465911071
O08848	RO60	60 kDa SS-A/Ro ribonucleoprotein	-0.095602481	-0.122622967
O08908	Pik3r2	Phosphatidylinositol 3-kinase regulatory subunit beta	-0.498326778	0.990093549
O08915	Aip	AH receptor-interacting protein	0.050666841	-0.115316868
O08919	Numbl	Numb-like protein	0.103506925	-0.106724103

O08992	Sdcbp	Syntenin-1	0.027572441	-0.115335941
O08997	Atox1	Copper transport protein ATOX1	-0.398499266	0.339844227
O09061	Psmb1	Proteasome subunit beta type-1	0.330662251	-0.142451127
O09111	Ndubf11	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 11, mitochondrial	0.945816898	1.528844039
O09114	Ptgds	Prostaglandin-H2 D-isomerase	-0.204550457	0.273510774
O09126	Sema4d	Semaphorin-4D	-0.430660343	0.70941178
O09131	Gsto1	Glutathione S-transferase omega-1	0.092782593	0.382577896
O09172	Gclm	Glutamate--cysteine ligase regulatory subunit	-0.151321348	0.019010862
O09174	Amacr	Alpha-methylacyl-CoA racemase	-0.465266959	-0.430849234
O35075	Vps26c	Vacuolar protein sorting-associated protein 26C	-0.473344962	-0.06110096
O35098	Dpysl4	Dihydropyrimidinase-related protein 4	-0.247052892	-0.037763278
O35129	Phb2	Prohibitin-2	0.456246535	0.869860967
O35136	Ncam2	Neural cell adhesion molecule 2	-0.403987058	0.818100611
O35215	Ddt	D-dopachrome decarboxylase	-0.324197324	0.98827521
O35226	Psm4	26S proteasome non-ATPase regulatory subunit 4	-0.052910805	0.167188009
O35286	Dhx15	Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15	-0.3233833	-0.023895899
O35295	Purb	Transcriptional activator protein Pur-beta	-0.009873549	0.048540751
O35326	Srsf5	Serine/arginine-rich splicing factor 5	-0.211158212	-0.320109844
O35343	Kpna4	Importin subunit alpha-3	0.086980279	0.710000674
O35344	Kpna3	Importin subunit alpha-4	-0.371232573	-0.004330317
O35345	Kpna6	Importin subunit alpha-7	0.011722279	0.34701093
O35381	Anp32a	Acidic leucine-rich nuclear phosphoprotein 32 family member A	-0.228367551	0.472676913
O35393	Efnb3	Ephrin-B3	-0.752737236	0.656757196
O35405	Pld3	5'-3' exonuclease PLD3	0.334710121	0.430230141
O35465	Fkbp8	Peptidyl-prolyl cis-trans isomerase FKBP8	-0.095804564	1.797583307
O35526	Stx1a	Syntaxin-1A	0.087893105	0.172949155
O35551	Rabep1	Rab GTPase-binding effector protein 1	0.22272288	0.433345159
O35593	Psm4	26S proteasome non-ATPase regulatory subunit 14	0.249040286	0.654481411
O35621	Pmm1	Phosphomannomutase 1	-0.034969107	0.321457068
O35633	Slc32a1	Vesicular inhibitory amino acid transporter	0.03240935	0.598626932
O35639	Anxa3	Annexin A3	0.302349822	0.431162198
O35643	Ap1b1	AP-1 complex subunit beta-1	-0.109374428	0.515314102
O35658	C1qbp	Complement component 1 Q subcomponent-binding protein, mitochondrial	-1.180834897	0.014660517
O35668	Hap1	Huntingtin-associated protein 1	0.525188033	-0.650424163
O35684	Serpini1	Neuroserpin	-0.296295261	-1.419798613
O35685	Nudc	Nuclear migration protein nudC	0.018196805	0.387152672
O35710	Noct	Nocturnin	-2.087395206	0.544641177
O35737	Hnrnp1	Heterogeneous nuclear ribonucleoprotein H	-0.256034692	0.491349856
O35841	Api5	Apoptosis inhibitor 5	-0.497258695	-0.174554825
O35857	Timm44	Mitochondrial import inner membrane translocase subunit TIM44	-0.048966312	0.657142003
O35864	Cops5	COP9 signalosome complex subunit 5	0.048963928	0.333380381
O35887	Calu	Calumenin	-0.194425678	0.170467695
O35900	Lsm2	U6 snRNA-associated Sm-like protein LSM2	0.481997458	1.20734485
O35943	Fxn	Frataxin, mitochondrial	-0.950289027	0.994195779

O35954	Pitpnm1	Membrane-associated phosphatidylinositol transfer protein 1	-0.091689301	0.338672002
O35963	Rab33b	Ras-related protein Rab-33B	-0.75110534	1.145147483
O35969	Gamt	Guanidinoacetate N-methyltransferase	0.283497334	0.046528021
O35988	Sdc4	Syndecan-4	-0.419163545	-0.185920715
O54724	Cavin1	Caveolae-associated protein 1	-0.089790471	0.963085334
O54734	Ddost	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit	0.928531933	2.546474616
O54774	Ap3d1	AP-3 complex subunit delta-1	-0.544958941	0.505677223
O54786	Dffa	DNA fragmentation factor subunit alpha	-0.144357713	0.310469389
O54833	Csnk2a2	Casein kinase II subunit alpha'	0.058308601	1.489694754
O54865	Gucy1b1	Guanylate cyclase soluble subunit beta-1	0.266300297	0.186065356
O54950	Prkag1	5'-AMP-activated protein kinase subunit gamma-1	-0.379687023	1.404173056
O54983	Crym	Ketimine reductase mu-crystallin	0.401785787	0.41679287
O54984	Get3	ATPase GET3	0.058681138	-0.001756191
O54988	Slk	STE20-like serine/threonine-protein kinase	0.077967707	0.221606572
O54991	Cntnap1	Contactin-associated protein 1	0.342967319	0.083848476
O55013	Trappc3	Trafficking protein particle complex subunit 3	0.258305518	-0.287698587
O55029	Copb2	Coatomer subunit beta'	-0.118495909	-0.01762565
O55033	Nck2	Cytoplasmic protein NCK2	0.016269366	0.092126369
O55042	Snca	Alpha-synuclein	-0.390984408	0.443472862
O55057	Pde6d	Retinal rod rhodopsin-sensitive cGMP 3',5'-cyclic phosphodiesterase subunit delta	-0.910434469	-0.90433979
O55091	Impact	Protein IMPACT	0.300098991	0.51081419
O55100	Syng1	Synaptogyrin-1	0.796365229	0.564931075
O55106	Strn	Striatin	-0.000926018	0.138590177
O55125	Nipsnap1	Protein NipSnap homolog 1	-0.473043537	0.580135663
O55126	Nipsnap2	Protein NipSnap homolog 2	-0.176528454	0.118299166
O55135	Eif6	Eukaryotic translation initiation factor 6	0.048408445	0.636095524
O55137	Acot1	Acyl-coenzyme A thioesterase 1	0.018732897	0.456408978
O55142	Rpl35a	60S ribosomal protein L35a	0.7220987	0.8200442
O55143	Atp2a2	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2	0.11351099	0.375520706
O55201	Supt5h	Transcription elongation factor SPT5	-0.175111326	-0.162161509
O55222	Ilk	Integrin-linked protein kinase	0.307758745	1.058634917
O55229	Chkb	Choline/ethanolamine kinase	-0.28044335	0.343409856
O55234	Psmb5	Proteasome subunit beta type-5	-0.014349874	-0.35656627
O70166	Stmn3	Stathmin-3	0.310775248	1.050722281
O70172	Pip4k2a	Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha	-0.272453976	0.15151151
O70194	Eif3d	Eukaryotic translation initiation factor 3 subunit D	-0.219891389	-0.265864372
O70200	Aif1	Allograft inflammatory factor 1	0.217413934	1.262239774
O70250	Pgam2	Phosphoglycerate mutase 2	0.483048662	0.462207953
O70251	Eef1b	Elongation factor 1-beta	0.208835443	0.378860315
O70252	Hmox2	Heme oxygenase 2	0.018737507	-0.362518152
O70310	Nmt1	Glycylpeptide N-tetradecanoyltransferase 1	-0.022935168	0.315261841
O70325	Gpx4	Phospholipid hydroperoxide glutathione peroxidase	-0.204111544	0.380202134
O70362	Gpld1	Phosphatidylinositol-glycan-specific phospholipase D	0.399417464	-0.087665876
O70378	Emc8	ER membrane protein complex subunit 8	0.431792037	1.16522185
O70400	Pdim1	PDZ and LIM domain protein 1	-0.248276456	1.235264619

O70433	Fhl2	Four and a half LIM domains protein 2	0.017244371	-0.156226476
O70435	Psm3	Proteasome subunit alpha type-3	0.188617579	-0.032406171
O70439	Stx7	Syntaxin-7	0.673487377	0.887594382
O70443	Gnaz	Guanine nucleotide-binding protein G(z) subunit alpha	0.058520031	2.045601686
O70456	Sfn	14-3-3 protein sigma	0.176348019	-1.11411651
O70481	Ubr1	E3 ubiquitin-protein ligase UBR1	-0.118176238	0.255490303
O70503	Hsd17b12	Very-long-chain 3-oxoacyl-CoA reductase	0.238717779	0.923803171
O70555	Spr2d	Small proline-rich protein 2D	-0.907555517	0.879453341
O70589	Cask	Peripheral plasma membrane protein CASK	-0.049368382	0.419278622
O70591	Pfdn2	Prefoldin subunit 2	-0.116118431	0.902745565
O88271	Cfdp1	Craniofacial development protein 1	-0.024094772	-0.431301117
O88342	Wdr1	WD repeat-containing protein 1	-0.195766004	0.160710335
O88398	Avil	Advillin	0.186067581	-0.247975985
O88441	Mtx2	Metaxin-2	1.415619532	-0.120360533
O88507	Cntfr	Ciliary neurotrophic factor receptor subunit alpha	0.30912501	0.592185974
O88531	Ppt1	Palmitoyl-protein thioesterase 1	-0.066914463	0.51098903
O88532	Zfr	Zinc finger RNA-binding protein	0.101252588	-0.004324118
O88533	Ddc	Aromatic-L-amino-acid decarboxylase	-0.037586657	0.387823741
O88543	Cops3	COP9 signalosome complex subunit 3	0.09869868	0.292200724
O88544	Cops4	COP9 signalosome complex subunit 4	-0.123735396	0.279252211
O88569	Hnrnpa2b1	Heterogeneous nuclear ribonucleoproteins A2/B1	0.012475109	-0.173557917
O88587	Comt	Catechol O-methyltransferase	-0.000322342	0.478496393
O88597	Becn1	Beclin-1	-0.091322231	0.925404072
O88685	Psmc3	26S proteasome regulatory subunit 6A	0.149187851	0.218552589
O88696	Clpp	ATP-dependent Clp protease proteolytic subunit, mitochondrial	-0.048175176	0.028381348
O88712	Ctbp1	C-terminal-binding protein 1	0.034536139	0.388762633
O88737	Bsn	Protein bassoon	-0.05848182	0.026283582
O88741	Gdap1	Ganglioside-induced differentiation-associated protein 1	-0.192578284	0.334798654
O88745	Scrg1	Scrapie-responsive protein 1	-0.211347294	0.263912519
O88746	Tom1	Target of Myb protein 1	0.108682982	0.109953562
O88811	Stam2	Signal transducing adapter molecule 2	1.687392855	1.907828887
O88834	Shd	SH2 domain-containing adapter protein D	0.454709085	-0.815238953
O88844	Idh1	Isocitrate dehydrogenase [NADP] cytoplasmic	-0.08847688	0.393741926
O88845	Akap10	A-kinase anchor protein 10, mitochondrial	0.813551617	0.584296385
O88848	Arl6	ADP-ribosylation factor-like protein 6	-0.422069867	0.197350661
O88851	Rbbp9	Putative hydrolase RBBP9	-0.176003933	0.645255407
O88878	Zfand5	AN1-type zinc finger protein 5	-0.525924269	0.925630967
O88935	Syn1	Synapsin-1	0.023059336	0.042238235
O88951	Lin7b	Protein lin-7 homolog B	0.000596809	0.185469945
O88952	Lin7c	Protein lin-7 homolog C	0.058631961	0.491868655
O88958	Gnpda1	Glucosamine-6-phosphate isomerase 1	0.295549806	0.56428194
O88986	Gcat	2-amino-3-ketobutyrate coenzyme A ligase, mitochondrial	-0.441506608	-0.805564721
O89017	Lgmn	Legumain	0.385917473	0.311059157
O89020	Afm	Afamin	-0.123675028	1.388503551
O89023	Tpp1	Tripeptidyl-peptidase 1	-0.289880117	0.378053983

O89032	Sh3pxd2a	SH3 and PX domain-containing protein 2A	0.231120682	1.602313201
O89053	Coro1a	Coronin-1A	-0.139536222	-0.059984525
O89079	Cope	Coatomer subunit epsilon	-0.460732937	0.288375696
O89084	Pde4a	cAMP-specific 3',5'-cyclic phosphodiesterase 4A	-0.288168271	-0.192769845
O89086	Rbm3	RNA-binding protein 3	0.495030212	0.998258114
O89112	Lancl1	Glutathione S-transferase LANCL1	0.3843057	-0.662811597
P00158	Mt-Cyb	Cytochrome b	-1.062253189	-0.244059881
P00375	Dhfr	Dihydrofolate reductase	0.164325015	0.823395093
P00397	Mtco1	Cytochrome c oxidase subunit 1	1.65570488	2.339623928
P00405	Mtco2	Cytochrome c oxidase subunit 2	0.918452199	1.238811334
P00416	mt-Co3	Cytochrome c oxidase subunit 3	0.469437361	0.035234769
P00493	Hprt1	Hypoxanthine-guanine phosphoribosyltransferase	-0.076236057	0.761370182
P00687	Amy1	Alpha-amylase 1	-0.063539871	-0.950348854
P00920	Ca2	Carbonic anhydrase 2	-0.258575249	-0.209691366
P01027	C3	Complement C3	-0.193345928	-0.028371334
P01029	C4b	Complement C4-B	0.36676089	1.458433549
P01786		Ig heavy chain V region MOPC 47A	1.060600662	1.174137115
P01887	B2m	Beta-2-microglobulin	1.605828667	0.439097563
P01898	H2-Q10	H-2 class I histocompatibility antigen, Q10 alpha chain	1.041025702	0.312010765
P02089	Hbb-b2	Hemoglobin subunit beta-2	1.48904988	3.187512398
P02104	Hbb-y	Hemoglobin subunit epsilon-Y2	-0.528885365	-0.225135962
P02798	Mt2	Metallothionein-2	0.728082848	1.003993034
P02802	Mt1	Metallothionein-1	-0.499295203	0.917991797
P03899	Mtnd3	NADH-ubiquinone oxidoreductase chain 3	-1.09338665	0.62982591
P03921	Mtnd5	NADH-ubiquinone oxidoreductase chain 5	-0.042243544	0.546857834
P03953	Cfd	Complement factor D	0.098210684	-0.270299911
P03958	Ada	Adenosine deaminase	-0.148935604	-0.364040693
P03995	Gfap	Glial fibrillary acidic protein	-0.05062542	0.069604556
P04104	Krt1	Keratin, type II cytoskeletal 1	0.26933403	-0.887114207
P04444	Hbb-bh1	Hemoglobin subunit beta-H1	2.820903095	-0.061558723
P04627	Araf	Serine/threonine-protein kinase A-Raf	0.601532682	-0.389026165
P04925	Prnp	Major prion protein	0.279282792	1.433331649
P05063	Aldoc	Fructose-bisphosphate aldolase C	-0.25347875	0.151887576
P05064	Aldoa	Fructose-bisphosphate aldolase A	-0.171332932	-0.13119634
P05132	Prkaca	cAMP-dependent protein kinase catalytic subunit alpha	0.224732812	-0.548138777
P05201	Got1	Aspartate aminotransferase, cytoplasmic	-0.197146161	0.25625515
P05202	Got2	Aspartate aminotransferase, mitochondrial	-0.09900767	0.183950742
P05214	Tuba3a	Tubulin alpha-3 chain	-0.28222688	1.218914032
P05480	Src	Neuronal proto-oncogene tyrosine-protein kinase Src	-0.049893475	0.246500015
P05784	Krt18	Keratin, type I cytoskeletal 18	0.155745379	1.39228646
P06151	Ldha	L-lactate dehydrogenase A chain	-0.078173383	0.227469444
P06728	Apoa4	Apolipoprotein A-IV	0.589347967	0.182445983
P06745	Gpi	Glucose-6-phosphate isomerase	-0.146194712	0.251792272
P06797	Ctsl	Procathepsin L	-0.01719141	0.285837332
P06801	Me1	NADP-dependent malic enzyme	-0.094173845	-0.032996178
P06837	Gap43	Neuromodulin	0.226011626	0.629522006

P07309	Ttr	Transthyretin	0.085966492	0.397304058
P07310	Ckm	Creatine kinase M-type	-0.128106689	0.523180008
P07356	Anxa2	Annexin A2	0.394739056	0.094103018
P07724	Alb	Albumin	-0.272167587	0.254073461
P07742	Rrm1	Ribonucleoside-diphosphate reductase large subunit	0.235034037	1.389417861
P07744	Krt4	Keratin, type II cytoskeletal 4	2.035231113	-1.550142288
P07901	Hsp90aa1	Heat shock protein HSP 90-alpha	-0.021337255	0.410859744
P07934	Phkg1	Phosphorylase b kinase gamma catalytic chain, skeletal muscle/heart isoform	-0.163131015	-0.487791379
P08030	Aprt	Adenine phosphoribosyltransferase	0.376563613	1.036896706
P08113	Hsp90b1	Endoplasmic	0.174792862	0.484453201
P08122	Col4a2	Collagen alpha-2(IV) chain	1.39534982	1.627841314
P08226	Apoe	Apolipoprotein E	0.063515727	0.158571561
P08228	Sod1	Superoxide dismutase [Cu-Zn]	-0.451693789	0.654221535
P08249	Mdh2	Malate dehydrogenase, mitochondrial	-0.157092603	0.402814547
P08414	Camk4	Calcium/calmodulin-dependent protein kinase type IV	-0.046240393	-0.093536854
P08551	Nefl	Neurofilament light polypeptide	-0.130083402	-0.21456782
P08730	Krt13	Keratin, type I cytoskeletal 13	-0.043874804	-0.975160599
P08752	Gnai2	Guanine nucleotide-binding protein G(i) subunit alpha-2	0.048349222	1.157387575
P09103	P4hb	Protein disulfide-isomerase	0.122871526	0.390088399
P09405	Ncl	Nucleolin	-0.566867574	0.088680585
P09411	Pgk1	Phosphoglycerate kinase 1	-0.238711421	0.271891594
P09470	Ace	Angiotensin-converting enzyme	-0.479949411	-0.068541686
P09528	Fth1	Ferritin heavy chain	0.010670058	-0.912453175
P09581	Csf1r	Macrophage colony-stimulating factor 1 receptor	-0.548030059	-0.245887518
P09671	Sod2	Superoxide dismutase [Mn], mitochondrial	0.050869942	0.588026365
POC027	Nudt10	Diphosphoinositol polyphosphate phosphohydrolase 3-alpha	0.061667919	0.620011012
POC056	H2az1	Histone H2A.Z	-0.462993876	1.046596527
POC605	Prkg1	cGMP-dependent protein kinase 1	-0.424259504	0.218149503
P0DP26	Calm1	Calmodulin-1	-0.216308784	-0.254835447
P10107	Anxa1	Annexin A1	0.776014487	-0.700868289
P10126	Eef1a1	Elongation factor 1-alpha 1	0.141205088	0.553596179
P10493	Nid1	Nidogen-1	1.04450806	0.755716801
P10518	Alad	Delta-aminolevulinic acid dehydratase	-0.013751888	0.164219538
P10605	Ctsb	Cathepsin B	0.117571068	0.279996077
P10630	Eif4a2	Eukaryotic initiation factor 4A-II	-0.181097666	0.15656058
P10639	Txn	Thioredoxin	0.007111422	0.544426282
P10649	Gstm1	Glutathione S-transferase Mu 1	-0.132546361	0.184826851
P10711	Tcea1	Transcription elongation factor A protein 1	-0.127805487	0.306819121
P10833	Rras	Ras-related protein R-Ras	-0.084652774	1.14826711
P10852	Slc3a2	4F2 cell-surface antigen heavy chain	0.400394789	0.834116459
P10853	H2bc7	Histone H2B type 1-F/J/L	0.018522326	1.409386635
P10922	H1-0	Histone H1.0	0.775108147	0.785033226
P11031	Sub1	Activated RNA polymerase II transcriptional coactivator p15	0.306678518	1.051711559
P11087	Col1a1	Collagen alpha-1(I) chain	-0.091184648	1.130838076
P11352	Gpx1	Glutathione peroxidase 1	-0.062326749	0.231468519

P11404	Fabp3	Fatty acid-binding protein, heart	0.073978233	0.517574628
P11438	Lamp1	Lysosome-associated membrane glycoprotein 1	0.757218965	0.430365086
P11499	Hsp90ab1	Heat shock protein HSP 90-beta	0.054619344	0.520529747
P11679	Krt8	Keratin, type II cytoskeletal 8	0.607764117	2.140049775
P11798	Camk2a	Calcium/calmodulin-dependent protein kinase type II subunit alpha	0.770886008	-1.046689034
P11881	Itpr1	Inositol 1,4,5-trisphosphate receptor type 1	0.354492283	0.384691397
P11983	Tcp1	T-complex protein 1 subunit alpha	-0.035746511	0.211390018
P12382	Pfkl	ATP-dependent 6-phosphofructokinase, liver type	0.020017783	0.49389569
P12658	Calb1	Calbindin	-0.40813357	0.418479602
P12787	Cox5a	Cytochrome c oxidase subunit 5A, mitochondrial	0.998534234	0.540482998
P12815	Pdcd6	Programmed cell death protein 6	-0.190123431	0.174988588
P12849	Prkar1b	cAMP-dependent protein kinase type I-beta regulatory subunit	-0.069717439	-0.521846771
P12960	Cntn1	Contactin-1	0.096670214	0.342846553
P12970	Rpl7a	60S ribosomal protein L7a	0.606055482	1.088693778
P13020	Gsn	Gelsolin	0.055579758	0.31863149
P13439	Umps	Uridine 5'-monophosphate synthase	-0.144917234	0.022888025
P13595	Ncam1	Neural cell adhesion molecule 1	0.092027632	0.683717728
P13634	Ca1	Carbonic anhydrase 1	0.130770683	0.692938169
P14069	S100a6	Protein S100-A6	-0.570756912	0.21905454
P14094	Atp1b1	Sodium/potassium-transporting ATPase subunit beta-1	0.222308286	0.566802025
P14106	C1qb	Complement C1q subcomponent subunit B	1.482532533	0.199966749
P14115	Rpl27a	60S ribosomal protein L27a	1.02611119	1.240071456
P14131	Rps16	40S ribosomal protein S16	0.096933873	0.548692862
P14148	Rpl7	60S ribosomal protein L7	1.149133841	0.633025487
P14152	Mdh1	Malate dehydrogenase, cytoplasmic	-0.225729561	0.188509941
P14206	Rpsa	40S ribosomal protein SA	0.273303541	0.711375237
P14211	Calr	Calreticulin	-0.002352142	0.302584966
P14231	Atp1b2	Sodium/potassium-transporting ATPase subunit beta-2	0.651983452	0.711838881
P14576	Srp54	Signal recognition particle 54 kDa protein	-0.219420306	0.266967614
P14602	Hspb1	Heat shock protein beta-1	0.070707544	0.021940549
P14685	Psmd3	26S proteasome non-ATPase regulatory subunit 3	-0.017399693	-0.451497078
P14733	Lmnb1	Lamin-B1	-0.171036784	0.06773742
P14824	Anxa6	Annexin A6	-0.115636571	0.303462346
P14869	Rplp0	60S acidic ribosomal protein P0	0.524976985	0.278267543
P14873	Map1b	Microtubule-associated protein 1B	0.085874112	0.234330495
P15105	Glul	Glutamine synthetase	-0.214500237	0.324184736
P15209	Ntrk2	BDNF/NT-3 growth factors receptor	-0.144734033	0.389815013
P15327	Bpgm	Bisphosphoglycerate mutase	0.006983884	0.64605395
P15532	Nme1	Nucleoside diphosphate kinase A	-0.125820669	0.073252996
P15626	Gstm2	Glutathione S-transferase Mu 2	-0.263914712	-0.737923145
P15864	H1-2	Histone H1.2	0.612891261	2.696428458
P16014	Chgb	Secretogranin-1	0.181071027	0.692047119
P16045	Lgals1	Galectin-1	-0.741420555	0.948304017
P16054	Prkce	Protein kinase C epsilon type	-0.062180233	0.152661324
P16110	Lgals3	Galectin-3	-0.292216523	-1.250799497

P16125	Ldhd	L-lactate dehydrogenase B chain	-0.145785332	0.113844872
P16254	Srp14	Signal recognition particle 14 kDa protein	0.062364229	0.167673906
P16330	Cnp	2',3'-cyclic-nucleotide 3'-phosphodiesterase	0.102471161	0.183865547
P16332	Mmut	Methylmalonyl-CoA mutase, mitochondrial	-0.294233227	-0.261628787
P16460	Ass1	Argininosuccinate synthase	0.246735764	0.681421439
P16858	Gapdh	Glyceraldehyde-3-phosphate dehydrogenase	-0.27050368	0.306292852
P17047	Lamp2	Lysosome-associated membrane glycoprotein 2	-0.68524828	0.295267582
P17156	Hspa2	Heat shock-related 70 kDa protein 2	-0.000612577	-0.096178373
P17182	Eno1	Alpha-enolase	-0.239548175	0.312334696
P17183	Eno2	Gamma-enolase	-0.230463028	0.361897469
P17426	Ap2a1	AP-2 complex subunit alpha-1	-0.206492106	0.083750725
P17427	Ap2a2	AP-2 complex subunit alpha-2	-0.167939409	-0.005316257
P17563	Selenbp1	Methanethiol oxidase	-0.230865415	0.367822965
P17742	Ppia	Peptidyl-prolyl cis-trans isomerase A	-0.373936208	0.310642878
P17751	Tpi1	Triosephosphate isomerase	-0.225227356	0.026906649
P17809	Slc2a1	Solute carrier family 2, facilitated glucose transporter member 1	0.728599167	1.753584544
P17879	Hspa1b	Heat shock 70 kDa protein 1B	0.195159976	0.50360775
P17897	Lyz1	Lysozyme C-1	1.007395236	-2.48305432
P17918	Pcna	Proliferating cell nuclear antigen	-0.190964222	1.115056356
P18654	Rps6ka3	Ribosomal protein S6 kinase alpha-3	0.062345568	0.409915129
P18760	Cfl1	Cofilin-1	-0.217456881	0.301573753
P18872	Gnao1	Guanine nucleotide-binding protein G(o) subunit alpha	0.075161489	0.360910416
P19001	Krt19	Keratin, type I cytoskeletal 19	0.091742229	-1.263108412
P19096	Fasn	Fatty acid synthase	-0.114468002	-0.026019891
P19123	Tnnc1	Troponin C, slow skeletal and cardiac muscles	0.859370645	1.271205743
P19157	Gstp1	Glutathione S-transferase P 1	-0.374886068	0.496670405
P19221	F2	Prothrombin	1.602256648	0.441500187
P19246	Nefh	Neurofilament heavy polypeptide	-0.155002753	-0.039901574
P19324	Serpinh1	Serpin H1	-0.171093623	-0.351467292
P19536	Cox5b	Cytochrome c oxidase subunit 5B, mitochondrial	1.192107614	1.131280422
P19783	Cox4i1	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial	0.159947999	0.789436181
P20029	Hspa5	Endoplasmic reticulum chaperone BiP	0.286622938	0.400379817
P20060	Hexb	Beta-hexosaminidase subunit beta	0.72890679	0.147600333
P20065	Tmsb4x	Thymosin beta-4	1.084512075	1.322585066
P20108	Prdx3	Thioredoxin-dependent peroxide reductase, mitochondrial	-0.036036682	0.44028314
P20152	Vim	Vimentin	-0.218101184	0.155210177
P20917	Mag	Myelin-associated glycoprotein	0.079576937	0.418540637
P21126	Ubl4a	Ubiquitin-like protein 4A	0.171206411	0.050150712
P21278	Gna11	Guanine nucleotide-binding protein subunit alpha-11	0.012762674	1.080791791
P21279	Gnaq	Guanine nucleotide-binding protein G(q) subunit alpha	0.292315038	0.474769115
P21460	Cst3	Cystatin-C	-0.171705659	-0.816563288
P21550	Eno3	Beta-enolase	0.125034205	0.743846575
P21614	Gc	Vitamin D-binding protein	-0.060178439	-0.719511986
P21661	Pcsk2	Neuroendocrine convertase 2	-2.177170879	-0.321675618
P21981	Tgm2	Protein-glutamine gamma-glutamyltransferase 2	0.3300608	1.076089859

P22005	Penk	Proenkephalin-A	0.436130492	-0.111650467
P22599	Serpina1b	Alpha-1-antitrypsin 1-2	-0.033304532	0.746984164
P22892	Ap1g1	AP-1 complex subunit gamma-1	-0.129015255	0.001831373
P22907	Hmbs	Porphobilinogen deaminase	0.695351919	0.736926874
P23116	Eif3a	Eukaryotic translation initiation factor 3 subunit A	-0.126282088	0.101517836
P23198	Cbx3	Chromobox protein homolog 3	-0.047237237	0.500951449
P23242	Gja1	Gap junction alpha-1 protein	0.105532551	0.55119888
P23492	Pnp	Purine nucleoside phosphorylase	0.179631329	0.685622374
P23591	Gfus	GDP-L-fucose synthase	-0.092822425	0.499201139
P23780	Glb1	Beta-galactosidase	-0.249188932	-0.305577119
P23927	Cryab	Alpha-crystallin B chain	-0.143526077	0.32831049
P23953	Ces1c	Carboxylesterase 1C	0.230072117	0.645494302
P24270	Cat	Catalase	-0.062924194	0.103896936
P24369	Ppib	Peptidyl-prolyl cis-trans isomerase B	0.502679634	1.300244967
P24472	Gsta4	Glutathione S-transferase A4	-0.081086985	0.327266375
P24527	Lta4h	Leukotriene A-4 hydrolase	-0.260644086	0.172283808
P24529	Th	Tyrosine 3-monooxygenase	0.12232612	0.412393411
P24547	Impdh2	Inosine-5'-monophosphate dehydrogenase 2	0.046660614	0.409602483
P24549	Aldh1a1	Retinal dehydrogenase 1	-0.425841395	-0.082693577
P25444	Rps2	40S ribosomal protein S2	0.32711064	0.420818965
P25785	Timp2	Metalloproteinase inhibitor 2	-0.051107725	0.022005717
P26039	Tln1	Talin-1	0.063393529	0.489793142
P26040	Ezr	Ezrin	1.294828701	0.561752001
P26041	Msn	Moesin	0.13161087	0.341053486
P26043	Rdx	Radixin	0.123127143	0.448288282
P26231	Ctnna1	Catenin alpha-1	-0.464597925	-0.229278088
P26339	Chga	Chromogranin-A	1.294433133	1.065138976
P26350	Ptma	Prothymosin alpha	0.064125061	0.388354301
P26369	U2af2	Splicing factor U2AF 65 kDa subunit	-0.043479983	1.050822258
P26443	Glud1	Glutamate dehydrogenase 1, mitochondrial	0.233645376	0.54453214
P26450	Pik3r1	Phosphatidylinositol 3-kinase regulatory subunit alpha	-0.064439074	0.393959363
P26516	Psmd7	26S proteasome non-ATPase regulatory subunit 7	0.038908164	0.111666997
P26638	Sars1	Serine--tRNA ligase, cytoplasmic	-0.13530105	0.499912103
P26645	Marcks	Myristoylated alanine-rich C-kinase substrate	0.150670815	0.357582728
P26883	Fkbp1a	Peptidyl-prolyl cis-trans isomerase FKBP1A	-0.65018177	-1.320852598
P27048	Snrpb	Small nuclear ribonucleoprotein-associated protein B	-0.584867859	-0.46434164
P27546	Map4	Microtubule-associated protein 4	-0.078099378	0.151052634
P27601	Gna13	Guanine nucleotide-binding protein subunit alpha-13	0.965583452	1.378543854
P27612	Plaa	Phospholipase A-2-activating protein	0.01916399	0.403204123
P27659	Rpl3	60S ribosomal protein L3	0.778887526	1.119597594
P27671	Rasgrf1	Ras-specific guanine nucleotide-releasing factor 1	0.011080138	0.019239744
P27773	Pdia3	Protein disulfide-isomerase A3	0.143508403	0.223372777
P28028	Braf	Serine/threonine-protein kinase B-raf	-0.137211196	-0.130599181
P28184	Mt3	Metallothionein-3	0.96904583	-1.950220724
P28271	Aco1	Cytoplasmic aconitate hydratase	-0.34306008	-0.267443021
P28352	Apex1	DNA-(apurinic or apyrimidinic site) endonuclease	0.158807564	0.844433149

P28474	Adh5	Alcohol dehydrogenase class-3	-0.21217982	0.112415791
P28651	Ca8	Carbonic anhydrase-related protein	-0.854382642	0.346086184
P28652	Camk2b	Calcium/calmodulin-dependent protein kinase type II subunit beta	0.70198892	-0.225674152
P28656	Nap1l1	Nucleosome assembly protein 1-like 1	0.275594234	1.28499953
P28658	Atxn10	Ataxin-10	-0.006185627	1.067092896
P28663	Napb	Beta-soluble NSF attachment protein	0.05025959	0.052288373
P28665	Mug1	Murinoglobulin-1	-0.330721315	0.239472707
P28667	Marcksl1	MARCKS-related protein	0.176609484	0.295095762
P28738	Kif5c	Kinesin heavy chain isoform 5C	-0.139442857	0.044466813
P28798	Grn	Progranulin	-1.092075125	-0.273912589
P28867	Prkcd	Protein kinase C delta type	-0.009007422	-0.299278736
P29341	Pabpc1	Polyadenylate-binding protein 1	-0.202553272	0.280166785
P29351	Ptpn6	Tyrosine-protein phosphatase non-receptor type 6	-0.129540952	0.646083832
P29391	Ftl1	Ferritin light chain 1	0.046775309	-0.435063998
P29595	Nedd8	NEDD8	0.064294879	0.900621891
P29699	Ahsg	Alpha-2-HS-glycoprotein	0.104222425	0.290623983
P29758	Oat	Ornithine aminotransferase, mitochondrial	-0.002786223	0.553077857
P30275	Ckmt1	Creatine kinase U-type, mitochondrial	0.366097959	0.17863973
P30416	Fkbp4	Peptidyl-prolyl cis-trans isomerase FKBP4	-0.190937964	0.278350512
P31230	Aimp1	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1	-0.27844553	0.225539207
P31324	Prkar2b	cAMP-dependent protein kinase type II-beta regulatory subunit	0.07519261	0.282753944
P31648	Slc6a1	Sodium- and chloride-dependent GABA transporter 1	-0.364514287	0.156420072
P31650	Slc6a11	Sodium- and chloride-dependent GABA transporter 3	0.344874827	0.918220838
P31750	Akt1	RAC-alpha serine/threonine-protein kinase	-0.051958593	1.312542915
P31786	Dbi	Acyl-CoA-binding protein	-0.01620849	-1.529565096
P31938	Map2k1	Dual specificity mitogen-activated protein kinase kinase 1	0.026335653	0.471402486
P32020	Scp2	Sterol carrier protein 2	0.107705593	0.324877103
P32067	Ssb	Lupus La protein homolog	-0.710875893	0.431330045
P32233	Drg1	Developmentally-regulated GTP-binding protein 1	0.881663895	-0.578380366
P32261	Serpinc1	Antithrombin-III	0.181578922	0.423422496
P32848	Pvalb	Parvalbumin alpha	-0.339230728	0.008101781
P32883	Kras	GTPase KRas	-0.393134276	1.081197262
P32921	Wars1	Tryptophan--tRNA ligase, cytoplasmic	-0.101203537	0.42104435
P33146	Cdh15	Cadherin-15	0.078227647	0.353657881
P33175	Kif5a	Kinesin heavy chain isoform 5A	0.054986509	0.282194773
P34022	Ranbp1	Ran-specific GTPase-activating protein	-0.0728007	0.204844475
P34057	Rcvrn	Recoverin	1.238245646	1.438652198
P34884	Mif	Macrophage migration inhibitory factor	0.08811086	1.293747902
P34914	Ephx2	Bifunctional epoxide hydrolase 2	-0.297445838	0.309090455
P35235	Ptpn11	Tyrosine-protein phosphatase non-receptor type 11	-0.088921865	0.185941696
P35278	Rab5c	Ras-related protein Rab-5C	-0.156203016	1.204671701
P35279	Rab6a	Ras-related protein Rab-6A	-0.03951683	0.260578473
P35282	Rab21	Ras-related protein Rab-21	-0.186489773	0.228815238
P35283	Rab12	Ras-related protein Rab-12	-0.123810387	-0.437419891
P35290	Rab24	Ras-related protein Rab-24	1.283982213	0.732938925

P35486	Pdha1	Pyruvate dehydrogenase E1 component subunit alpha, somatic form, mitochondrial	0.16618487	0.140349388
P35492	Hal	Histidine ammonia-lyase	0.502372901	-0.307895978
P35505	Fah	Fumarylacetoacetase	-0.21028649	0.586785158
P35564	Canx	Calnexin	0.360431767	1.503422737
P35585	Ap1m1	AP-1 complex subunit mu-1	-0.112937609	0.251440048
P35700	Prdx1	Peroxiredoxin-1	0.158147748	0.575284004
P35762	Cd81	CD81 antigen	1.092595736	0.847932339
P35802	Gpm6a	Neuronal membrane glycoprotein M6-a	0.38434	-0.511025429
P35821	Ptpn1	Tyrosine-protein phosphatase non-receptor type 1	-0.047255389	0.98409907
P35979	Rpl12	60S ribosomal protein L12	0.597351265	1.096646786
P35980	Rpl18	60S ribosomal protein L18	0.419060898	1.261842092
P36552	Cpox	Oxygen-dependent coproporphyrinogen-III oxidase, mitochondrial	0.853947067	-0.490911484
P36916	Gnl1	Guanine nucleotide-binding protein-like 1	-0.5187452	0.389568806
P37040	Por	NADPH--cytochrome P450 reductase	0.575372219	0.879724026
P37804	Tagln	Transgelin	0.38537426	0.905539513
P38060	Hmgcl	Hydroxymethylglutaryl-CoA lyase, mitochondrial	-0.076468468	0.301038583
P38585	Ttl	Tubulin--tyrosine ligase	0.213660812	0.297920068
P38647	Hspa9	Stress-70 protein, mitochondrial	0.016838201	0.341707865
P39053	Dnm1	Dynamin-1	-0.232072608	0.303221703
P39688	Fyn	Tyrosine-protein kinase Fyn	0.408495998	1.088960807
P39749	Fen1	Flap endonuclease 1	-0.001680628	1.108905792
P40124	Cap1	Adenylyl cyclase-associated protein 1	-0.148083814	-0.293063482
P40142	Tkt	Transketolase	-0.141337522	-0.006421725
P40336	Vps26a	Vacuolar protein sorting-associated protein 26A	0.011759154	0.333348751
P40936	Inmt	Indolethylamine N-methyltransferase	-0.08762153	1.566632271
P41105	Rpl28	60S ribosomal protein L28	0.014866225	0.759185632
P41241	Csk	Tyrosine-protein kinase CSK	-0.190015856	0.525889079
P42125	Eci1	Enoyl-CoA delta isomerase 1, mitochondrial	-0.216682466	0.007529259
P42208	Septin2	Septin-2	-0.027833017	1.070644379
P42227	Stat3	Signal transducer and activator of transcription 3	0.269219176	1.317947149
P42232	Stat5b	Signal transducer and activator of transcription 5B	-0.342261251	0.297279199
P42567	Eps15	Epidermal growth factor receptor substrate 15	-0.105398877	0.635351817
P42669	Pura	Transcriptional activator protein Pur-alpha	-0.058438047	0.067533493
P42932	Cct8	T-complex protein 1 subunit theta	0.013902219	-0.212830067
P43006	Slc1a2	Excitatory amino acid transporter 2	0.368861643	-0.127470652
P43274	H1-4	Histone H1.4	0.898000908	1.576734702
P43276	H1-5	Histone H1.5	0.96725839	1.554378033
P43277	H1-3	Histone H1.3	0.392421754	0.895791531
P45376	Akr1b1	Aldo-keto reductase family 1 member B1	-0.131653404	0.743064562
P45377	Akr1b8	Aldose reductase-related protein 2	0.669391727	1.716828346
P45591	Cfl2	Cofilin-2	-0.319935735	0.673777739
P45878	Fkbp2	Peptidyl-prolyl cis-trans isomerase FKBP2	-0.106051826	-0.439376831
P45952	Acadm	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial	-0.101488304	0.247536659
P46061	Rangap1	Ran GTPase-activating protein 1	0.015689246	0.22008721
P46096	Syt1	Synaptotagmin-1	0.107807954	0.239766121

P46412	Gpx3	Glutathione peroxidase 3	-0.198948733	0.625515143
P46414	Cdkn1b	Cyclin-dependent kinase inhibitor 1B	-0.319066747	0.521396319
P46460	Nsf	Vesicle-fusing ATPase	0.14968605	0.141664505
P46467	Vps4b	Vacuolar protein sorting-associated protein 4B	-0.009470463	0.462083499
P46471	Psmd2	26S proteasome regulatory subunit 7	-0.007952181	0.341905594
P46638	Rab11b	Ras-related protein Rab-11B	0.035586166	0.41226991
P46656	Fdx1	Adrenodoxin, mitochondrial	0.039172649	0.108689626
P46660	Ina	Alpha-internexin	-0.001653735	-0.079626719
P46664	Adss2	Adenylosuccinate synthetase isozyme 2	-0.109684658	0.105612596
P46737	Brcc3	Lys-63-specific deubiquitinase BRCC36	0.021538194	-0.190776348
P46935	Nedd4	E3 ubiquitin-protein ligase NEDD4	-0.026198451	-0.117178917
P46938	Yap1	Transcriptional coactivator YAP1	-0.122632281	2.566259861
P47199	Cryz	Quinone oxidoreductase	-0.028555234	0.317243258
P47708	Rph3a	Rabphilin-3A	-0.249715328	0.195940177
P47738	Aldh2	Aldehyde dehydrogenase, mitochondrial	-0.173397827	0.314599037
P47754	Capza2	F-actin-capping protein subunit alpha-2	0.107818	0.720427195
P47757	Capzb	F-actin-capping protein subunit beta	-0.031655947	0.145799796
P47791	Gsr	Glutathione reductase, mitochondrial	-0.360549132	0.215143522
P47809	Map2k4	Dual specificity mitogen-activated protein kinase kinase 4	-0.507258797	0.283551216
P47811	Mapk14	Mitogen-activated protein kinase 14	-0.587077395	-0.096231778
P47856	Gfpt1	Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1	0.201934083	0.638169289
P47857	Pfkfb3	ATP-dependent 6-phosphofructokinase, muscle type	-0.410300954	-0.170937856
P47867	Scg3	Secretogranin-3	-0.14876976	0.684132894
P47911	Rpl6	60S ribosomal protein L6	0.483896446	0.337139924
P47941	Crkl	Crk-like protein	-0.259403674	-0.836895466
P47962	Rpl5	60S ribosomal protein L5	0.380194505	0.517208576
P47963	Rpl13	60S ribosomal protein L13	1.499805101	1.986164888
P48024	Eif1	Eukaryotic translation initiation factor 1	-1.13132445	-1.140945633
P48036	Anxa5	Annexin A5	-0.016639646	0.590493838
P48318	Gad1	Glutamate decarboxylase 1	0.090751266	0.248206774
P48320	Gad2	Glutamate decarboxylase 2	-0.038915316	0.477234523
P48428	Tbca	Tubulin-specific chaperone A	-0.184338347	-0.02326266
P48678	Lmna	Prelamin-A/C	0.222703552	0.138002714
P48722	Hspa4l	Heat shock 70 kDa protein 4L	-0.198762194	-0.011847178
P48758	Cbr1	Carbonyl reductase [NADPH] 1	-0.238350105	0.3165404
P48774	Gstm5	Glutathione S-transferase Mu 5	0.032937813	0.469409943
P48787	Tnni3	Troponin I, cardiac muscle	1.811120987	2.037774245
P48962	Slc25a4	ADP/ATP translocase 1	0.285762914	0.77706178
P49312	Hnrnpa1	Heterogeneous nuclear ribonucleoprotein A1	0.252800973	0.082933267
P49442	Inpp1	Inositol polyphosphate 1-phosphatase	-0.054961522	0.366717021
P49443	Ppm1a	Protein phosphatase 1A	-0.207273706	0.536889076
P49586	Pcyt1a	Choline-phosphate cytidylyltransferase A	-0.022052129	-0.093705018
P49615	Cdk5	Cyclin-dependent-like kinase 5	-0.179774857	0.160309792
P49710	Hcls1	Hematopoietic lineage cell-specific protein	0.549690088	1.305760225
P49722	Psma2	Proteasome subunit alpha type-2	0.201839574	0.040941238
P49813	Tmod1	Tropomodulin-1	-0.487683582	-0.855977535

P49962	Srp9	Signal recognition particle 9 kDa protein	0.044632085	0.503127575
P50114	S100b	Protein S100-B	-1.83589886	0.404090643
P50171	Hsd17b8	Estradiol 17-beta-dehydrogenase 8	0.034206263	0.480832736
P50247	Ahcy	Adenosylhomocysteinase	-0.139949544	0.124201139
P50396	Gdi1	Rab GDP dissociation inhibitor alpha	-0.045584615	0.159646352
P50428	Arsa	Arylsulfatase A	-0.415587362	-1.177790165
P50446	Krt6a	Keratin, type II cytoskeletal 6A	-0.195473798	-0.505029996
P50516	Atp6v1a	V-type proton ATPase catalytic subunit A	-0.036140569	-0.137261391
P50518	Atp6v1e1	V-type proton ATPase subunit E 1	0.141691494	-0.090609868
P50543	S100a11	Protein S100-A11	0.887811184	-0.888086478
P50544	Acadvl	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial	-0.318667126	-0.731861115
P50580	Pa2g4	Proliferation-associated protein 2G4	0.281743431	0.428482215
P50608	Fmod	Fibromodulin	-0.537857278	-0.760465781
P51125	Cast	Calpastatin	-0.191491	0.548448881
P51150	Rab7a	Ras-related protein Rab-7a	0.005400276	0.785197576
P51163	Uros	Uroporphyrinogen-III synthase	0.113428593	0.309820334
P51175	Ppox	Protoporphyrinogen oxidase	-0.719789314	0.695518653
P51569	Gla	Alpha-galactosidase A	1.087036896	2.138670921
P51660	Hsd17b4	Peroxisomal multifunctional enzyme type 2	0.571626091	0.500676791
P51855	Gss	Glutathione synthetase	-0.003509521	0.369015853
P51859	Hdgf	Hepatoma-derived growth factor	-0.083716456	0.316403389
P51863	Atp6v0d1	V-type proton ATPase subunit d 1	0.4264527	0.114328543
P51881	Slc25a5	ADP/ATP translocase 2	-0.011120415	0.506676515
P51885	Lum	Lumican	-0.112477303	-1.709652265
P51910	Apod	Apolipoprotein D	0.075411956	1.340729713
P52196	Tst	Thiosulfate sulfurtransferase	-0.201561578	0.066962083
P52479	Usp10	Ubiquitin carboxyl-terminal hydrolase 10	0.000752481	1.377751827
P52480	Pkm	Pyruvate kinase PKM	-0.184886932	0.079807281
P52483	Ube2e3	Ubiquitin-conjugating enzyme E2 E3	0.307995669	0.865104357
P52503	Ndufs6	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial	0.602750683	0.503163179
P52623	Uck1	Uridine-cytidine kinase 1	0.276776123	0.133011341
P52760	Rida	2-iminobutanoate/2-iminopropanoate deaminase	-0.185997836	0.243335088
P53612	Rabggtb	Geranylgeranyl transferase type-2 subunit beta	-0.01567742	1.420616468
P53808	Pctp	Phosphatidylcholine transfer protein	-0.21800464	-0.82976071
P53810	Pitpna	Phosphatidylinositol transfer protein alpha isoform	-0.148088646	0.290834109
P53986	Slc16a1	Monocarboxylate transporter 1	-0.403999424	0.707763116
P53994	Rab2a	Ras-related protein Rab-2A	0.027988148	0.263031165
P53996	Cnbp	Cellular nucleic acid-binding protein	0.273150476	-0.668231338
P54071	Idh2	Isocitrate dehydrogenase [NADP], mitochondrial	0.087255446	-0.121822198
P54116	Stom	Stomatin	-0.459009806	0.013067404
P54227	Stmn1	Stathmin	-0.008194224	0.953364054
P54726	Rad23a	UV excision repair protein RAD23 homolog A	-0.013531653	0.269801776
P54728	Rad23b	UV excision repair protein RAD23 homolog B	0.171780427	0.621225675
P54731	Faf1	FAS-associated factor 1	0.165338707	0.880370299
P54775	Psmc4	26S proteasome regulatory subunit 6B	-0.055318642	0.187267145

P54797	Tango2	Transport and Golgi organization 2 homolog	-0.074138228	0.59731245
P54818	Galc	Galactocerebrosidase	-0.550762971	1.245390574
P54822	Adsl	Adenylosuccinate lyase	-0.17229023	0.309924285
P54823	Ddx6	Probable ATP-dependent RNA helicase DDX6	0.265205606	0.198432287
P54830	Ptpn5	Tyrosine-protein phosphatase non-receptor type 5	0.461700249	0.423126539
P54869	Hmgcs2	Hydroxymethylglutaryl-CoA synthase, mitochondrial	-0.240041892	0.93500185
P54923	Adprh	[Protein ADP-ribosylarginine] hydrolase	0.058438714	0.469220956
P55065	Pltp	Phospholipid transfer protein	0.142017873	0.275019646
P55097	Ctsk	Cathepsin K	1.60566988	0.991831779
P55258	Rab8a	Ras-related protein Rab-8A	0.030383333	-0.228921254
P55264	Adk	Adenosine kinase	-0.55595789	0.472474575
P55288	Cdh11	Cadherin-11	-1.403388278	0.636556466
P55302	Lrpap1	Alpha-2-macroglobulin receptor-associated protein	0.218422635	0.478736401
P55821	Stmn2	Stathmin-2	-0.247087097	0.94499286
P56135	Atp5mf	ATP synthase subunit f, mitochondrial	0.745576382	1.847927729
P56183	Rrp1	Ribosomal RNA processing protein 1 homolog A	-0.176978318	1.008978446
P56213	Gfer	FAD-linked sulfhydryl oxidase ALR	0.22721777	0.036838849
P56371	Rab4a	Ras-related protein Rab-4A	0.280426598	-0.178820292
P56375	Acyp2	Acylphosphatase-2	-0.408092054	0.455189705
P56376	Acyp1	Acylphosphatase-1	-0.20747935	0.598986308
P56380	Nudt2	Bis(5'-nucleosyl)-tetrphosphatase [asymmetrical]	-0.148934778	0.942891439
P56382	Atp5f1e	ATP synthase subunit epsilon, mitochondrial	0.46221091	0.365076383
P56387	Dynlt3	Dynein light chain Tctex-type 3	0.272730414	-0.542213758
P56389	Cda	Cytidine deaminase	-0.052257983	0.558028539
P56391	Cox6b1	Cytochrome c oxidase subunit 6B1	0.473774529	0.809196154
P56399	Usp5	Ubiquitin carboxyl-terminal hydrolase 5	0.015534337	0.23815759
P56480	Atp5f1b	ATP synthase subunit beta, mitochondrial	0.426562564	1.226523399
P56546	Ctbp2	C-terminal-binding protein 2	0.209954866	-0.136478583
P56564	Slc1a3	Excitatory amino acid transporter 1	-0.126003361	-0.810631275
P56565	S100a1	Protein S100-A1	-0.012217347	-1.244222959
P56812	Pdcd5	Programmed cell death protein 5	0.188050111	0.003202438
P57722	Pcbp3	Poly(rC)-binding protein 3	0.666276582	-0.802049001
P57746	Atp6v1d	V-type proton ATPase subunit D	-0.639799754	0.304841042
P57759	Erp29	Endoplasmic reticulum resident protein 29	0.116979472	0.784715335
P57776	Eef1d	Elongation factor 1-delta	-0.060974375	-0.096258322
P57780	Actn4	Alpha-actinin-4	0.015510432	0.218326569
P57784	Snrpa1	U2 small nuclear ribonucleoprotein A'	0.26517334	-1.008704503
P58044	Idi1	Isopentenyl-diphosphate Delta-isomerase 1	0.217791176	1.799917301
P58242	Smpdl3b	Acid sphingomyelinase-like phosphodiesterase 3b	-0.165867138	1.723762671
P58252	Eef2	Elongation factor 2	-0.09394029	0.211345355
P58281	Opa1	Dynamin-like 120 kDa protein, mitochondrial	0.483344269	0.697668235
P58389	Ptpa	Serine/threonine-protein phosphatase 2A activator	0.18290844	0.178475857
P58404	Strn4	Striatin-4	-0.050718435	0.202103774
P58802	Tbc1d10a	TBC1 domain family member 10A	-0.014623737	0.67024374
P58871	Tnks1bp1	182 kDa tankyrase-1-binding protein	-0.219860935	0.121256828
P59016	Vps33b	Vacuolar protein sorting-associated protein 33B	-0.481820901	0.074860573

P59017	Bcl2l13	Bcl-2-like protein 13	-0.177801259	0.728975455
P59114	Pcif1	mRNA (2'-O-methyladenosine-N(6)-)-methyltransferase	-0.567098904	-0.782572826
P59235	Nup43	Nucleoporin Nup43	-0.075970459	0.919210593
P59279	Rab2b	Ras-related protein Rab-2B	-0.183953253	1.601442655
P59325	Eif5	Eukaryotic translation initiation factor 5	-0.185359828	0.426108519
P59913	Pcmt1	Protein-L-isoaspartate O-methyltransferase domain-containing protein 1	0.269958973	0.285673936
P59999	Arpc4	Actin-related protein 2/3 complex subunit 4	0.274188487	-0.72952954
P60122	Ruvbl1	RuvB-like 1	0.418455474	0.734179656
P60202	Plp1	Myelin proteolipid protein	0.712860807	0.296552976
P60229	Eif3e	Eukaryotic translation initiation factor 3 subunit E	0.02771794	-0.025025209
P60335	Pcbp1	Poly(rC)-binding protein 1	-0.144084104	0.804029783
P60469	Ppfia3	Liprin-alpha-3	0.090876452	-0.000265757
P60487	Pdxp	Pyridoxal phosphate phosphatase	-0.122932879	0.256248792
P60521	Gabrarpl2	Gamma-aminobutyric acid receptor-associated protein-like 2	-0.084665076	0.485667388
P60670	Nploc4	Nuclear protein localization protein 4 homolog	0.087031714	-0.34415102
P60710	Actb	Actin, cytoplasmic 1	-0.326164818	1.858858109
P60761	Nrgn	Neurogranin	0.279084301	0.488138835
P60764	Rac3	Ras-related C3 botulinum toxin substrate 3	-0.604249732	0.056379795
P60766	Cdc42	Cell division control protein 42 homolog	-0.39229517	0.320702712
P60824	Cirbp	Cold-inducible RNA-binding protein	-0.076797167	0.278722286
P60840	Ensa	Alpha-endosulfine	-0.047452641	0.171151638
P60843	Eif4a1	Eukaryotic initiation factor 4A-I	-0.187513034	0.665005366
P60867	Rps20	40S ribosomal protein S20	0.297008387	-0.071541627
P60879	Snap25	Synaptosomal-associated protein 25	0.315681203	0.294629733
P61021	Rab5b	Ras-related protein Rab-5B	0.181056182	0.849778016
P61027	Rab10	Ras-related protein Rab-10	-0.132317702	-0.153843562
P61028	Rab8b	Ras-related protein Rab-8B	-0.28416516	-0.252189159
P61079	Ube2d3	Ubiquitin-conjugating enzyme E2 D3	0.334514014	-1.420389255
P61080	Ube2d1	Ubiquitin-conjugating enzyme E2 D1	0.400671069	0.284962813
P61082	Ube2m	NEDD8-conjugating enzyme Ubc12	0.108084551	0.309713999
P61087	Ube2k	Ubiquitin-conjugating enzyme E2 K	0.051588821	0.664168358
P61089	Ube2n	Ubiquitin-conjugating enzyme E2 N	0.085430845	1.690537135
P61148	Fgf1	Fibroblast growth factor 1	-0.270627244	0.639441649
P61161	Actr2	Actin-related protein 2	0.215026855	0.595470111
P61164	Actr1a	Alpha-centractin	0.202020772	0.131412665
P61202	Cops2	COP9 signalosome complex subunit 2	-0.122612635	-0.711322625
P61205	Arf3	ADP-ribosylation factor 3	0.272550011	0.843400955
P61222	Abce1	ATP-binding cassette sub-family E member 1	-0.315137831	0.627274195
P61226	Rap2b	Ras-related protein Rap-2b	0.770266533	0.643039862
P61255	Rpl26	60S ribosomal protein L26	0.41777935	1.258166472
P61264	Stx1b	Syntaxin-1B	-0.059341685	0.099764188
P61290	Psme3	Proteasome activator complex subunit 3	-0.509000333	0.965364456
P61294	Rab6b	Ras-related protein Rab-6B	-0.271906153	0.359869003
P61329	Fgf12	Fibroblast growth factor 12	-0.007912699	0.252102375
P61358	Rpl27	60S ribosomal protein L27	0.117180061	1.339432557

P61458	Pcbd1	Pterin-4-alpha-carbinolamine dehydratase	0.053279654	0.460821311
P61460	Depdc5	GATOR complex protein DEPDC5	0.262430986	-0.297043403
P61750	Arf4	ADP-ribosylation factor 4	0.71553971	0.588727315
P61759	Vbp1	Prefoldin subunit 3	0.001532904	0.540903886
P61922	Abat	4-aminobutyrate aminotransferase, mitochondrial	-0.282381058	0.021940231
P61963	Dcaf7	DDB1- and CUL4-associated factor 7	0.119618924	1.527744452
P61965	Wdr5	WD repeat-containing protein 5	0.834467443	0.801035881
P61967	Ap1s1	AP-1 complex subunit sigma-1A	-0.03799413	0.101875464
P61971	Nutf2	Nuclear transport factor 2	-0.00487903	0.727166653
P61982	Ywhag	14-3-3 protein gamma	-0.114820608	0.051453908
P62071	Rras2	Ras-related protein R-Ras2	0.322471015	1.037043254
P62075	Timm13	Mitochondrial import inner membrane translocase subunit Tim13	-0.127559185	0.076064746
P62082	Rps7	40S ribosomal protein S7	0.186075274	-0.002177238
P62137	Ppp1ca	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit	0.350765483	-0.233231703
P62141	Ppp1cb	Serine/threonine-protein phosphatase PP1-beta catalytic subunit	-0.086302249	0.545049032
P62192	Psmc1	26S proteasome regulatory subunit 4	0.076989237	0.543699265
P62196	Psmc5	26S proteasome regulatory subunit 8	-0.054511229	0.152372042
P62242	Rps8	40S ribosomal protein S8	1.158489927	1.945862929
P62254	Ube2g1	Ubiquitin-conjugating enzyme E2 G1	0.638184516	1.158349117
P62257	Ube2h	Ubiquitin-conjugating enzyme E2 H	0.073253727	0.357262293
P62259	Ywhae	14-3-3 protein epsilon	0.067363294	0.170487086
P62264	Rps14	40S ribosomal protein S14	0.258406417	0.250741164
P62267	Rps23	40S ribosomal protein S23	-0.087960275	1.035814285
P62274	Rps29	40S ribosomal protein S29	1.709483989	1.321295659
P62301	Rps13	40S ribosomal protein S13	0.090425014	0.723437786
P62307	Snrpf	Small nuclear ribonucleoprotein F	0.030179087	0.895471732
P62309	Snrpg	Small nuclear ribonucleoprotein G	-0.043539333	-0.203895887
P62311	Lsm3	U6 snRNA-associated Sm-like protein LSM3	0.509805918	0.531298955
P62313	Lsm6	U6 snRNA-associated Sm-like protein LSM6	0.04002622	0.197492282
P62315	Snrpd1	Small nuclear ribonucleoprotein Sm D1	-2.220475928	1.543688138
P62317	Snrpd2	Small nuclear ribonucleoprotein Sm D2	-0.200707404	-0.199496587
P62320	Snrpd3	Small nuclear ribonucleoprotein Sm D3	0.344630686	1.885327339
P62331	Arf6	ADP-ribosylation factor 6	0.187789822	-0.443870385
P62334	Psmc6	26S proteasome regulatory subunit 10B	-0.076846822	-0.02811257
P62340	Tbpl1	TATA box-binding protein-like 1	-0.802224827	0.010446866
P62488	Polr2g	DNA-directed RNA polymerase II subunit RPB7	0.386271	-0.430011908
P62627	Dynlrb1	Dynein light chain roadblock-type 1	0.292647584	0.884298166
P62631	Eef1a2	Elongation factor 1-alpha 2	0.105867418	0.054453691
P62702	Rps4x	40S ribosomal protein S4, X isoform	-0.010751184	0.478504181
P62715	Ppp2cb	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform	0.546670723	0.990924835
P62737	Acta2	Actin, aortic smooth muscle	-0.083696938	0.944019794
P62743	Ap2s1	AP-2 complex subunit sigma	-0.198406061	0.821135044
P62746	Rhob	Rho-related GTP-binding protein RhoB	0.438656076	0.705902576
P62748	Hpcal1	Hippocalcin-like protein 1	-0.457098262	-0.547112783
P62751	Rpl23a	60S ribosomal protein L23a	0.48746357	0.488154252

P62754	Rps6	40S ribosomal protein S6	0.731599617	1.286006133
P62761	Vsn1l	Visinin-like protein 1	-0.04131705	0.158495267
P62774	Mtpn	Myotrophin	-0.383905125	2.540600777
P62806	H4c1	Histone H4	0.251201757	0.947343508
P62814	Atp6v1b2	V-type proton ATPase subunit B, brain isoform	-0.121786372	0.021104813
P62821	Rab1A	Ras-related protein Rab-1A	0.090726153	0.508461793
P62823	Rab3c	Ras-related protein Rab-3C	0.046688716	0.533686002
P62827	Ran	GTP-binding nuclear protein Ran	-0.074483871	0.491100629
P62830	Rpl23	60S ribosomal protein L23	0.408380667	1.317312241
P62835	Rap1a	Ras-related protein Rap-1A	-0.974037933	-0.476837715
P62838	Ube2d2	Ubiquitin-conjugating enzyme E2 D2	-0.142076906	0.000166098
P62855	Rps26	40S ribosomal protein S26	1.528068415	0.396918456
P62869	Elob	Elongin-B	0.078766155	0.630972068
P62874	Gnb1	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1	0.14257199	1.100424608
P62878	Rbx1	E3 ubiquitin-protein ligase RBX1	0.282500394	1.042888323
P62880	Gnb2	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2	0.163182799	0.286009789
P62881	Gnb5	Guanine nucleotide-binding protein subunit beta-5	-0.365905698	-0.044260025
P62889	Rpl30	60S ribosomal protein L30	0.608768082	0.256514867
P62897	Cycs	Cytochrome c, somatic	0.322011121	1.214943886
P62908	Rps3	40S ribosomal protein S3	0.129188983	0.46692721
P62915	Gtf2b	Transcription initiation factor IIB	-0.21867555	1.421162764
P62918	Rpl8	60S ribosomal protein L8	0.706842391	0.330650012
P62960	Ybx1	Y-box-binding protein 1	0.872094536	1.382329305
P62962	Pfn1	Profilin-1	-0.011416753	1.450697899
P62965	Crabp1	Cellular retinoic acid-binding protein 1	0.121514924	1.032618205
P62983	Rps27a	Ubiquitin-40S ribosomal protein S27a	0.521981748	0.933391253
P63001	Rac1	Ras-related C3 botulinum toxin substrate 1	-0.135193253	0.459005515
P63005	Pafah1b1	Platelet-activating factor acetylhydrolase IB subunit beta	-0.140584373	0.04804039
P63011	Rab3a	Ras-related protein Rab-3A	-0.017836889	0.464076042
P63017	Hspa8	Heat shock cognate 71 kDa protein	0.012470754	0.288576762
P63028	Tpt1	Translationally-controlled tumor protein	-0.051660887	0.284594218
P63034	Cyth2	Cytohesin-2	-0.160407098	-0.68142271
P63037	Dnaja1	DnaJ homolog subfamily A member 1	-0.011120923	0.679514726
P63038	Hspd1	60 kDa heat shock protein, mitochondrial	-0.062397321	0.498402278
P63040	Cplx1	Complexin-1	0.088062541	0.423443476
P63046	Sult4a1	Sulfotransferase 4A1	0.048851776	-0.439416726
P63073	Eif4e	Eukaryotic translation initiation factor 4E	0.000813707	0.24024264
P63085	Mapk1	Mitogen-activated protein kinase 1	-0.107650503	0.395804723
P63087	Ppp1cc	Serine/threonine-protein phosphatase PP1-gamma catalytic subunit	0.501543172	0.506887595
P63089	Ptn	Pleiotrophin	-0.246253045	0.204202493
P63101	Ywhaz	14-3-3 protein zeta/delta	-0.066747856	0.274239222
P63166	Sumo1	Small ubiquitin-related modifier 1	-0.100358518	0.200290839
P63168	Dynll1	Dynein light chain 1, cytoplasmic	-0.114503384	-0.545798302
P63248	Pkia	cAMP-dependent protein kinase inhibitor alpha	-0.293442059	2.603204042
P63260	Actg1	Actin, cytoplasmic 2	-0.193407885	0.320606232

P63271	Supt4h1a	Transcription elongation factor SPT4-A	-0.244142596	2.583221118
P63276	Rps17	40S ribosomal protein S17	0.626560656	-0.288274924
P63318	Prkcg	Protein kinase C gamma type	-0.27020003	-0.091176669
P63321	Rala	Ras-related protein Ral-A	-0.15093689	0.839944998
P63325	Rps10	40S ribosomal protein S10	0.148390102	0.238096078
P63328	Ppp3ca	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform	0.084114647	0.124356906
P63330	Ppp2ca	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform	-0.107819303	0.383779526
P67778	Phb	Prohibitin	0.73256712	1.110993862
P67871	Csnk2b	Casein kinase II subunit beta	-0.029492633	0.413680871
P67984	Rpl22	60S ribosomal protein L22	0.710328007	1.483055909
P68040	Rack1	Receptor of activated protein C kinase 1	0.135279274	0.458945274
P68181	Prkacb	cAMP-dependent protein kinase catalytic subunit beta	0.116043154	-0.046500842
P68254	Ywhaq	14-3-3 protein theta	-0.138318825	0.520077387
P68372	Tubb4b	Tubulin beta-4B chain	-0.243457476	0.670731227
P68404	Prkcb	Protein kinase C beta type	-0.166526286	-0.137795925
P68510	Ywhah	14-3-3 protein eta	0.109756915	0.240396818
P70122	Sbds	Ribosome maturation protein SBDS	0.346384303	0.529268265
P70124	Serpib5	Serpin B5	0.672485987	-0.803449472
P70158	Smpdl3a	Acid sphingomyelinase-like phosphodiesterase 3a	-0.995065753	1.017706076
P70168	Kpnb1	Importin subunit beta-1	-0.050051435	0.337546984
P70175	Dlg3	Disks large homolog 3	-0.119460646	0.398260434
P70188	Kifap3	Kinesin-associated protein 3	-0.111930243	-0.387784958
P70195	Psmb7	Proteasome subunit beta type-7	0.245854505	-0.298698107
P70202	Lxn	Latexin	-0.290959676	0.565421263
P70206	Plxna1	Plexin-A1	0.440240447	0.237722874
P70213	Fv1	Friend virus susceptibility protein 1	-0.273944155	-0.18729798
P70232	Chl1	Neural cell adhesion molecule L1-like protein	-0.143312359	0.191780726
P70236	Map2k6	Dual specificity mitogen-activated protein kinase kinase 6	-0.048242442	0.126193841
P70268	Pkn1	Serine/threonine-protein kinase N1	0.311504396	1.188934644
P70271	Pdlim4	PDZ and LIM domain protein 4	-0.144852638	0.63797156
P70296	Pebp1	Phosphatidylethanolamine-binding protein 1	-0.012945875	0.254225413
P70297	Stam	Signal transducing adapter molecule 1	0.009460608	0.36188364
P70303	Ctps2	CTP synthase 2	-0.945643997	1.448608716
P70333	Hnrnp2	Heterogeneous nuclear ribonucleoprotein H2	-0.316857433	-0.148437182
P70335	Rock1	Rho-associated protein kinase 1	0.194090207	0.038270791
P70349	Hint1	Histidine triad nucleotide-binding protein 1	-0.113317426	1.003761927
P70353	Nfyc	Nuclear transcription factor Y subunit gamma	0.310064093	0.175771872
P70362	Ufd1	Ubiquitin recognition factor in ER-associated degradation protein 1	0.064836756	-0.420283635
P70372	Elavl1	ELAV-like protein 1	0.355200227	0.840946992
P70398	Usp9x	Probable ubiquitin carboxyl-terminal hydrolase FAF-X	0.014863141	-0.05613025
P70404	Idh3g	Isocitrate dehydrogenase [NAD] subunit gamma 1, mitochondrial	-0.186968358	0.453625043
P70425	Rit2	GTP-binding protein Rit2	0.223703798	0.126428445
P70441	Slc9a3r1	Na(+)/H(+) exchange regulatory cofactor NHE-RF1	-0.124572627	0.202847481
P70444	Bid	BH3-interacting domain death agonist	0.178765583	-0.15223829
P70460	Vasp	Vasodilator-stimulated phosphoprotein	-1.078110917	-0.908931255

P70663	Sparcl1	SPARC-like protein 1	-0.233650716	0.540614923
P70670	Naca	Nascent polypeptide-associated complex subunit alpha, muscle-specific form	-0.147342014	0.332995097
P70671	Irf3	Interferon regulatory factor 3	-0.012202628	0.284482797
P70677	Casp3	Caspase-3	0.302594916	0.602585793
P70697	Urod	Uroporphyrinogen decarboxylase	0.088706652	0.062906583
P70698	Ctps1	CTP synthase 1	0.0407149	1.395764987
P70699	Gaa	Lysosomal alpha-glucosidase	0.184969966	0.413565795
P80313	Cct7	T-complex protein 1 subunit eta	-0.182961909	-0.263136228
P80314	Cct2	T-complex protein 1 subunit beta	0.161492093	0.061627388
P80315	Cct4	T-complex protein 1 subunit delta	-0.204196898	-0.194692771
P80316	Cct5	T-complex protein 1 subunit epsilon	-0.119109408	-0.043001811
P80318	Cct3	T-complex protein 1 subunit gamma	-0.194197973	0.019575914
P80560	Ptprn2	Receptor-type tyrosine-protein phosphatase N2	-0.190528234	0.059139411
P81122	Irs2	Insulin receptor substrate 2	-0.300784969	1.790836811
P83741	Wnk1	Serine/threonine-protein kinase WNK1	-0.162506485	0.201634089
P83870	Phf5a	PHD finger-like domain-containing protein 5A	0.164826107	-0.213778814
P83887	Tubg1	Tubulin gamma-1 chain	-0.794791031	-0.55627807
P83917	Cbx1	Chromobox protein homolog 1	0.359005292	-0.712172826
P84075	Hpca	Neuron-specific calcium-binding protein hippocalcin	-0.221969287	0.020348549
P84084	Arf5	ADP-ribosylation factor 5	-0.068305969	0.526763916
P84086	Cplx2	Complexin-2	0.068852425	-0.285877705
P84091	Ap2m1	AP-2 complex subunit mu	-0.119952234	0.164007028
P84096	Rhog	Rho-related GTP-binding protein RhoG	1.739169645	0.903624694
P84104	Srsf3	Serine/arginine-rich splicing factor 3	-0.1120327	0.22292916
P85094	Isoc2a	Isochorismatase domain-containing protein 2A	0.309602102	-0.053844293
P97300	Nptn	Neuroplastin	1.355076981	0.079661051
P97315	Csrp1	Cysteine and glycine-rich protein 1	-0.268051593	0.327318827
P97346	Nxn	Nucleoredoxin	0.287851683	0.81902345
P97350	Pkp1	Plakophilin-1	0.277584521	-1.053598722
P97351	Rps3a	40S ribosomal protein S3a	-0.784561157	-0.008680662
P97355	Sms	Spermine synthase	-0.288371245	0.225014846
P97364	Sephs2	Selenide, water dikinase 2	0.02962052	0.607267539
P97370	Atp1b3	Sodium/potassium-transporting ATPase subunit beta-3	0.358680614	0.630886396
P97372	Psme2	Proteasome activator complex subunit 2	0.173154672	-0.156421979
P97379	G3bp2	Ras GTPase-activating protein-binding protein 2	0.095345211	-0.236364047
P97384	Anxa11	Annexin A11	0.239234734	0.42978255
P97390	Vps45	Vacuolar protein sorting-associated protein 45	0.4498504	0.280612628
P97427	Crmp1	Dihydropyrimidinase-related protein 1	-0.055212657	-0.026192029
P97429	Anxa4	Annexin A4	-0.094255606	0.36299324
P97470	Ppp4c	Serine/threonine-protein phosphatase 4 catalytic subunit	-0.096200975	-0.244352818
P97492	Rgs14	Regulator of G-protein signaling 14	0.664899317	0.36971728
P97494	Gclc	Glutamate--cysteine ligase catalytic subunit	-0.160208416	0.357885361
P97765	Wbp2	WW domain-binding protein 2	0.265052001	0.477697055
P97770	Thumpd3	THUMP domain-containing protein 3	-0.348332659	0.758577824
P97772	Grm1	Metabotropic glutamate receptor 1	0.34453338	-1.110913436

P97797	Sirpa	Tyrosine-protein phosphatase non-receptor type substrate 1	0.088338598	0.474825064
P97807	Fh	Fumarate hydratase, mitochondrial	-0.131367366	0.024573962
P97820	Map4k4	Mitogen-activated protein kinase kinase kinase kinase 4	0.073131116	0.03234752
P97823	Lypla1	Acyl-protein thioesterase 1	0.073585765	0.64590613
P97825	Jpt1	Jupiter microtubule associated homolog 1	0.30329415	0.235000292
P97855	G3bp1	Ras GTPase-activating protein-binding protein 1	0.118544515	0.635169665
P97861	Krt86	Keratin, type II cuticular Hb6	0.244277604	0.222127597
P97865	Pex7	Peroxisomal targeting signal 2 receptor	-1.40426	0.562073151
P97930	Dtymk	Thymidylate kinase	0.092095311	0.615503152
P97950	Rab33a	Ras-related protein Rab-33A	0.589786784	0.879936775
P99024	Tubb5	Tubulin beta-5 chain	-0.120691299	1.310796738
P99026	Psmb4	Proteasome subunit beta type-4	0.355834866	0.351157347
P99027	Rplp2	60S acidic ribosomal protein P2	0.420428181	2.888753017
P99029	Prdx5	Peroxiredoxin-5, mitochondrial	-0.67273337	0.981354396
Q00493	Cpe	Carboxypeptidase E	0.146933365	0.31060791
Q00558	F8a1	40-kDa huntingtin-associated protein	-0.354018847	1.140899181
Q00560	Il6st	Interleukin-6 receptor subunit beta	-0.887990538	0.515566667
Q00612	G6pdx	Glucose-6-phosphate 1-dehydrogenase X	-0.181514009	0.34051307
Q00623	Apoa1	Apolipoprotein A-I	0.440498638	0.298303922
Q00897	Serpina1d	Alpha-1-antitrypsin 1-4	-0.574347973	-0.38795344
Q00898	Serpina1e	Alpha-1-antitrypsin 1-5	-0.721522268	1.348834833
Q00915	Rbp1	Retinol-binding protein 1	-0.722097778	-0.236553669
Q00PI9	Hnrnpul2	Heterogeneous nuclear ribonucleoprotein U-like protein 2	0.057000701	-0.106324991
Q01065	Pde1b	Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1B	0.083870951	0.158756097
Q01149	Col1a2	Collagen alpha-2(I) chain	-0.001049169	1.134690046
Q01768	Nme2	Nucleoside diphosphate kinase B	0.038437875	0.196763992
Q01853	Vcp	Transitional endoplasmic reticulum ATPase	-0.028375689	0.023674329
Q02053	Uba1	Ubiquitin-like modifier-activating enzyme 1	-0.217234675	0.173918724
Q02248	Ctnnb1	Catenin beta-1	-0.117599932	0.303728739
Q02257	Jup	Junction plakoglobin	-0.053694884	-0.070054531
Q02566	Myh6	Myosin-6	0.655741374	1.853803635
Q02614	Sap30bp	SAP30-binding protein	-0.78824021	-0.140131593
Q02819	Nucb1	Nucleobindin-1	-0.343046602	1.813287
Q03137	Epha4	Ephrin type-A receptor 4	0.615823714	-0.539937973
Q03265	Atp5f1a	ATP synthase subunit alpha, mitochondrial	0.264060783	0.793463389
Q03517	Scg2	Secretogranin-2	0.483873717	0.582992236
Q04447	Ckb	Creatine kinase B-type	-0.513795217	0.273057938
Q04519	Smpd1	Sphingomyelin phosphodiesterase	0.068945249	-1.068977833
Q04735	Cdk16	Cyclin-dependent kinase 16	0.592730077	0.530953089
Q04736	Yes1	Tyrosine-protein kinase Yes	0.059004593	0.411620299
Q05186	Rcn1	Reticulocalbin-1	0.992077827	0.390999635
Q05816	Fabp5	Fatty acid-binding protein 5	-0.021812884	1.126167615
Q05A62	Dna1	Dynein light chain 1, axonemal	-0.114678129	-0.005220731
Q05BC3	Eml1	Echinoderm microtubule-associated protein-like 1	0.033310604	0.12057972
Q05D44	Elf5b	Eukaryotic translation initiation factor 5B	-0.879309877	1.092394193

Q06138	Cab39	Calcium-binding protein 39	0.115413888	0.484172821
Q06185	Atp5me	ATP synthase subunit e, mitochondrial	1.488092613	1.350193818
Q06335	Aplp2	Amyloid-like protein 2	0.056281726	0.551447392
Q06890	Clu	Clusterin	0.576567078	0.558775425
Q07235	Serpine2	Glia-derived nexin	-0.38305165	-0.29273208
Q07417	Acads	Short-chain specific acyl-CoA dehydrogenase, mitochondrial	-0.564433193	-0.133893172
Q07456	Ambp	Protein AMBP	-0.009042486	0.423632463
Q08024	Cbfb	Core-binding factor subunit beta	-0.060333411	0.510643482
Q08189	Tgm3	Protein-glutamine gamma-glutamyltransferase E	0.750759729	-0.726226171
Q08331	Calb2	Calretinin	-0.239700635	0.326965332
Q08642	Padi2	Protein-arginine deiminase type-2	-0.366161601	-0.36520195
Q08879	Fbln1	Fibulin-1	-0.835966746	1.657803853
Q08890	Ids	Iduronate 2-sulfatase	0.352259636	0.176979542
Q0KK55	Knkc1	Kinase non-catalytic C-lobe domain-containing protein 1	-0.491742865	0.107886473
Q0KL01	Ubxn2b	UBX domain-containing protein 2B	-0.143123341	-0.620612621
Q0KL02	Trio	Triple functional domain protein	-0.120764033	-0.274695714
Q0QWG9	Grid2ip	Delphinin	-0.844710477	-0.425139268
Q0V8T7	Cntnap5c	Contactin-associated protein like 5-3	-0.100957187	1.033930779
Q0VAW6	8030462N17Rik	RIKEN cDNA 8030462N17 gene	-0.023114077	0.227754116
Q0VBK2	Krt80	Keratin, type II cytoskeletal 80	0.938408883	-0.553636551
Q0VE82	Cpne7	Copine-7	0.244408703	0.360227585
Q0VEJ0	Cep76	Centrosomal protein of 76 kDa	-1.043110212	-0.474241098
Q0VF59	Dlgap2	Disks large-associated protein 2	0.469916089	0.129291375
Q0VGU4	Vgf	Neurosecretory protein VGF	1.04013923	0.789833864
Q11011	Npepps	Puromycin-sensitive aminopeptidase	-0.085638428	0.124757767
Q11136	Pepd	Xaa-Pro dipeptidase	0.003742409	0.26828146
Q149F3	Gsp2t	Eukaryotic peptide chain release factor GTP-binding subunit ERF3B	0.566288535	0.071033955
Q14B01	Rnf113a2	Ring finger protein 113A2	0.121908633	0.416103363
Q14B86	Ltn1	E3 ubiquitin-protein ligase listerin	-0.442992751	-0.123310407
Q14BB9	Map6d1	MAP6 domain-containing protein 1	-0.307302666	0.110764186
Q14BN8	Rwdd2a	RWD domain-containing protein	0.303249168	0.740673542
Q14CH0	Fam171b	Protein FAM171B	0.4879378	0.323908329
Q14CH7	Aars2	Alanine--tRNA ligase, mitochondrial	-0.544175784	-0.307050387
Q19LI2	A1bg	Alpha-1B-glycoprotein	-0.703255526	-0.428971052
Q1HFZ0	Nsun2	RNA cytosine C(5)-methyltransferase NSUN2	0.339172586	1.224732876
Q20BD0	Hnrnpab	Heterogeneous nuclear ribonucleoprotein A/B	-0.091078091	1.342738469
Q2M3X8	Phactr1	Phosphatase and actin regulator 1	0.123945204	-0.406148434
Q2TPA8	Hsdl2	Hydroxysteroid dehydrogenase-like protein 2	-0.032976913	0.738257408
Q32NY4	Cnm3	Metal transporter CNNM3	0.533049615	-1.179089546
Q3B7Z2	Osbp	Oxysterol-binding protein 1	-0.101221434	0.27776893
Q3SXD3	Hddc2	5'-deoxynucleotidase HDDC2	1.394454193	0.581484715
Q3TA40	6430548M08Rik	RIKEN cDNA 6430548M08 gene	-0.119063759	0.177993774
Q3TB82	Plekhhf1	Pleckstrin homology domain-containing family F member 1	-2.035648982	-1.42061011
Q3TBL6	Tnfaip8l3	Tumor necrosis factor alpha-induced protein 8-like protein 3	0.826498063	1.93840154

Q3TBU7	Agfg2	Arf-GAP domain and FG repeat-containing protein 2 (Fragment)	-0.029671669	-0.125158469
Q3TC93	Hs1bp3	HCLS1-binding protein 3	0.013487943	0.438872814
Q3TCD4	Eci2	Enoyl-CoA delta isomerase 2	0.125510057	-0.319148223
Q3TCH7	Cul4a	Cullin-4A	-0.170789019	-0.49673748
Q3TCJ1	Abraxas2	BRISC complex subunit Abraxas 2	-0.182358805	0.076465925
Q3TCN2	Plbd2	Putative phospholipase B-like 2	0.161093203	1.244303226
Q3TDD9	Ppp1r21	Protein phosphatase 1 regulatory subunit 21	-0.329784584	0.102719307
Q3TDK6	Rogdi	Protein rogdi homolog	0.251425457	0.036986351
Q3TDN2	Faf2	FAS-associated factor 2	-0.336998749	0.852300167
Q3TDT0	Trim3	Tripartite motif-containing protein 3	-0.397168891	-0.729046981
Q3TE40	Rpa2	Replication protein A 32 kDa subunit	0.766550096	0.803604126
Q3TES0	Iqsec3	IQ motif and SEC7 domain-containing protein 3	-0.292388058	-0.442463477
Q3TFP0	Srsf10	Serine/arginine-rich-splicing factor 10	-0.798009014	-0.752335072
Q3TFQ1	Spryd7	SPRY domain-containing protein 7	0.184689331	0.20237875
Q3TGM7	Hbs1l	HBS1-like protein	-0.243130557	0.69832627
Q3TGS7	Snx12	Sorting nexin-12	0.069728088	0.827926636
Q3TH34	Dennd10	DENN domain-containing protein 10	0.181554572	0.251578967
Q3THE2	Myl12b	Myosin regulatory light chain 12B	0.361120796	0.620989323
Q3THG9	Aarsd1	Alanyl-tRNA editing protein Aarsd1	-0.099086062	-0.490632216
Q3THJ3	Eif1ad	Probable RNA-binding protein EIF1AD	-0.140321509	1.244355043
Q3THK3	Gtf2f1	General transcription factor IIF subunit 1	-1.432381598	0.056001504
Q3THK7	Gmps	GMP synthase [glutamine-hydrolyzing]	-0.063239002	0.398876508
Q3THS6	Mat2a	S-adenosylmethionine synthase isoform type-2	-0.266586622	0.636823813
Q3TIR3	Ric8a	Synembryn-A	0.242648443	0.492080053
Q3TIU4	Pde12	2',5'-phosphodiesterase 12	0.143802993	-0.274090131
Q3TIV5	Zc3h15	Zinc finger CCCH domain-containing protein 15	0.283718904	-0.463603973
Q3TKY6	Cwc27	Spliceosome-associated protein CWC27 homolog	-1.255520169	0.512053887
Q3TLK9	Cnot7	CCR4-NOT transcription complex subunit 7	-0.456772105	-1.29363958
Q3TLS3	Gdpgp1	GDP-D-glucose phosphorylase 1	0.040045484	0.526658853
Q3TLZ6	Gatb	Glutamyl-tRNA(Gln) amidotransferase subunit B, mitochondrial	-0.058827591	0.501295249
Q3TMH2	Scrn3	Secernin-3	-0.196892166	-0.651937326
Q3TNA1	Xylb	Xylulose kinase	0.113940748	0.210469882
Q3TPE9	Ankmy2	Ankyrin repeat and MYND domain-containing protein 2	0.083474731	1.023164272
Q3TQI7		Telomere length and silencing protein 1 homolog	-0.437188021	-1.049485425
Q3TRJ4	Krt26	Keratin, type I cytoskeletal 26	-0.752350044	0.848394076
Q3TSA8	Scamp1	Secretory carrier-associated membrane protein	-0.746863461	0.290367762
Q3TTL3	Spata7	SPATA7 isoform	0.448578835	0.326272647
Q3TTY5	Krt2	Keratin, type II cytoskeletal 2 epidermal	-0.123737017	-0.441850344
Q3TUQ7	Prkaa1	Acetyl-CoA carboxylase kinase	0.043177128	0.236084779
Q3TVK3	Dnpep	Aspartyl aminopeptidase	-0.029962603	-0.029198964
Q3TW96	Uap1l1	UDP-N-acetylhexosamine pyrophosphorylase-like protein 1	-0.129187902	-0.437144121
Q3TWW8	Srsf6	Serine/arginine-rich splicing factor 6	-0.092206128	0.109816392
Q3TXS7	Psmd1	26S proteasome non-ATPase regulatory subunit 1	0.023600419	0.019213676
Q3TXU5	Dhps	Deoxyhypusine synthase	0.029174868	-0.969255924
Q3TXV4	Rab31	Rab22B	0.778900083	1.779582024

Q3TYD4	Arsg	Arylsulfatase G	-0.588205338	0.28043143
Q3TYD6	Lmtk2	Serine/threonine-protein kinase LMTK2	-0.362819147	0.203213056
Q3TYX3	Smyd5	SET and MYND domain-containing protein 5	-0.022600238	0.797359625
Q3TZ02	Cyth1	Cytohesin-1	-0.206222979	0.01844883
Q3TZT4	Inpp5a	Inositol-polyphosphate 5-phosphatase	-0.485860093	0.120571136
Q3U0B3	Dhrs11	Dehydrogenase/reductase SDR family member 11	-0.236029847	0.048940818
Q3U0D9	Hace1	E3 ubiquitin-protein ligase HACE1	-0.306755892	0.237645308
Q3U125	Prxl2a	Peroxiredoxin-like 2 activated in M-CSF stimulated monocytes	-0.790282122	0.139913718
Q3U186	Rars2	Probable arginine--tRNA ligase, mitochondrial	-0.767103354	0.366230647
Q3U1F9	Pag1	Phosphoprotein associated with glycosphingolipid-enriched microdomains 1	-0.561518574	0.543864091
Q3U1J4	Ddb1	DNA damage-binding protein 1	-0.098438295	0.362672011
Q3U1V6	Uevld	Ubiquitin-conjugating enzyme E2 variant 3	1.385970481	0.950797081
Q3U276	Sdhaf1	Succinate dehydrogenase assembly factor 1, mitochondrial	0.691940212	2.819277585
Q3U2A8	Vars2	Valine--tRNA ligase, mitochondrial	-0.351973152	-0.676755905
Q3U2G2	Hspa4	Heat shock 70 kDa protein 4	-0.064090157	0.109987259
Q3U3J1	Bckdha	2-oxoisovalerate dehydrogenase subunit alpha	-0.084469986	0.357980569
Q3U3Q1	Ulk3	Serine/threonine-protein kinase ULK3	-0.164866225	0.843678951
Q3U422	Ndufv3	Complex I-9kD	-1.081984552	0.168417295
Q3U487	Hectd3	E3 ubiquitin-protein ligase HECTD3	-0.513491408	-0.210349083
Q3U4F0	Sfxn3	Sideroflexin-3	1.123580424	-0.365005175
Q3U4S0	Pank2	Pantothenate kinase 2	-2.402303823	-0.151671251
Q3U5F4	Yrdc	YrdC domain-containing protein, mitochondrial	-0.190978273	0.556662877
Q3U5Q7	Cmpk2	UMP-CMP kinase 2, mitochondrial	0.318866444	1.005299568
Q3U741	Ddx17	RNA helicase	0.232795207	0.108191013
Q3U7U3	Fbxo7	F-box only protein 7	-1.238964335	-0.162549814
Q3UBG2	Pid1	PTB-containing, cubilin and LRP1-interacting protein	-0.391800594	-1.785383066
Q3UCV8	Otulin	Ubiquitin thioesterase otulin	0.157593314	0.80010732
Q3UDD3	Poldip3	Polymerase delta-interacting protein 3	-0.652666982	0.348596414
Q3UDE2	Ttl12	Tubulin--tyrosine ligase-like protein 12	-0.13829991	1.036218484
Q3UDM0	Mob1b	MOB kinase activator 1B	0.005586815	0.028966586
Q3UDP0	Wdr41	WD repeat-containing protein 41	0.100658258	0.36430486
Q3UE37	Ube2z	Ubiquitin-conjugating enzyme E2 Z	-0.084503841	0.623716036
Q3UE92	Xpnpep1	Xaa-Pro aminopeptidase 1	-0.040127913	0.344951789
Q3UEB3	Puf60	Poly(U)-binding-splicing factor PUF60	-0.111493619	0.250179768
Q3UEB4	Mvk	Mevalonate kinase	0.171397209	0.099945704
Q3UER8	Fgg	Fibrinogen gamma chain	0.211361504	0.966765563
Q3UF75	Parva	Alpha-parvin	-0.336162217	-0.945709705
Q3UF95	Bag6	BCL2-associated athanogene 6	0.113790385	-0.019096057
Q3UFK8	Frmd8	FERM domain-containing protein 8	-0.122841263	0.119628112
Q3UFS0	Zyg11b	Protein zyg-11 homolog B	0.266923491	-0.400693099
Q3UFY7	Nt5c3b	7-methylguanosine phosphate-specific 5'-nucleotidase	-0.21291647	0.423535506
Q3UFY8	Trmt10c	tRNA methyltransferase 10 homolog C	-0.933411598	1.081863085
Q3UG98	Nat9	N-acetyltransferase 9	0.364887301	0.822521766
Q3UGB5	Dazap1	DAZ-associated protein 1	0.039717166	0.213928064
Q3UGC7	Eif3j1	Eukaryotic translation initiation factor 3 subunit J-A	0.216396618	0.424779574

Q3UGR5	Hdhd2	Haloacid dehalogenase-like hydrolase domain-containing protein 2	-0.408064842	0.058074156
Q3UGS4	Mcrip1	Mapk-regulated corepressor-interacting protein 1	0.282719898	-0.230889638
Q3UGX2	Sptb	Spectrin beta chain	-0.017538484	0.687710921
Q3UGY8	Arfgef3	Brefeldin A-inhibited guanine nucleotide-exchange protein 3	0.072875595	-0.5896945
Q3UH45	Tecpr2	Tectonin beta-propeller repeat-containing 2	-0.79183925	-0.202919324
Q3UH59	Myh10	Myosin-10	-0.208946705	-0.218184312
Q3UH60	Dip2b	Disco-interacting protein 2 homolog B	0.440466913	0.240822474
Q3UHB1	Nt5dc3	5'-nucleotidase domain-containing protein 3	-0.089696503	-0.861685912
Q3UHD1	Adgrb1	Adhesion G protein-coupled receptor B1	-0.396431796	-0.20866855
Q3UHD2	Gfod1	Glucose-fructose oxidoreductase domain-containing protein 1	0.263493951	-0.438294252
Q3UHD6	Snx27	Sorting nexin-27	0.011089484	0.432454904
Q3UHD9	Agap2	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2	-0.39040645	-1.503403346
Q3UHE1	Pitpmn3	Membrane-associated phosphatidylinositol transfer protein 3	-1.608246414	-0.381786346
Q3UHG5	Tspan7	Tetraspanin	0.521420193	0.582546711
Q3UHG7	Dennd11	DENN domain-containing protein 11	-0.175458368	-0.052932739
Q3UHI4	Tmed8	Protein TMED8	0.093061161	0.132503827
Q3UHI0	Aak1	AP2-associated protein kinase 1	-0.150962162	0.13803641
Q3UHL1	Camkv	CaM kinase-like vesicle-associated protein	0.258258979	0.51208957
Q3UHX2	Pdap1	28 kDa heat- and acid-stable phosphoprotein	0.118971125	1.08447059
Q3UI43	Babam1	BRISC and BRCA1-A complex member 1	0.183792877	0.146790981
Q3UID4	Prmt2	Protein arginine N-methyltransferase 2	0.046450202	1.105227629
Q3UIB0	Sf3b2	Splicing factor 3b, subunit 2	1.120556704	1.183805307
Q3UIP5		Protein C8orf37 homolog	-0.057417234	0.202783267
Q3UIU9	Rmdn3	Regulator of microtubule dynamics protein 3	0.032957586	0.645222505
Q3UKC1	Tax1bp1	Tax1-binding protein 1 homolog	-0.046838474	0.37876606
Q3UKJ7	Smu1	WD40 repeat-containing protein SMU1	0.185236963	0.341676474
Q3ULD5	Mccc2	Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial	0.224406751	0.147016525
Q3ULJ0	Gpd1l	Glycerol-3-phosphate dehydrogenase 1-like protein	-0.188381131	0.07248052
Q3UM45	Ppp1r7	Protein phosphatase 1 regulatory subunit 7	0.170038096	0.232277552
Q3UMA3	Hgs	Hepatocyte growth factor-regulated tyrosine kinase substrate	0.038807265	0.319955031
Q3UMB5	Smcr8	Guanine nucleotide exchange protein SMCR8	0.018030675	0.576981862
Q3UMB9	Washc4	WASH complex subunit 4	-0.027704398	0.20334816
Q3UMG6	Nme7	Nucleoside diphosphate kinase 7	0.670742035	-0.872821967
Q3UMT1	Ppp1r12c	Protein phosphatase 1 regulatory subunit 12C	0.235103671	0.002599239
Q3UMU9	Hdgfl2	Hepatoma-derived growth factor-related protein 2	-0.646842289	0.920065403
Q3UNA4	Nxt2	NTF2-related export protein 2	0.526837349	1.476325989
Q3UNH4	Gprin1	G protein-regulated inducer of neurite outgrowth 1	-0.012302907	0.365512371
Q3UNZ8	Cryz12	Quinone oxidoreductase-like protein 2	-2.380975914	0.612192631
Q3UPH1	Prrc1	Protein PRRC1	0.327046839	0.809178034
Q3UPL0	Sec31a	Protein transport protein Sec31A	-0.095709292	-0.080723921
Q3UQ44	Iqgap2	Ras GTPase-activating-like protein IQGAP2	0.735382366	0.16127642
Q3UR70	Tgfbrap1	Transforming growth factor-beta receptor-associated protein 1	-0.655873744	-0.485376517
Q3URE1	Acsf3	Malonate--CoA ligase ACSF3, mitochondrial	-0.165803083	0.062266032
Q3USB7	Plcl1	Inactive phospholipase C-like protein 1	-0.44700524	0.078433355

Q3USC7	Gdap1l1	Ganglioside-induced differentiation-associated protein 1-like 1	-0.335959435	0.578817685
Q3USJ8	Fchsd2	F-BAR and double SH3 domains protein 2	-0.606815084	0.483625253
Q3USR6	Ngb	Neuroglobin	0.651271089	0.590112527
Q3UTZ4	Tkfc	ATP-dependent dihydroxyacetone kinase	-0.237836361	-0.63600413
Q3UUF8	Ankrd34b	Ankyrin repeat domain-containing protein 34B	0.574482505	0.676150958
Q3UUG6	Tbc1d24	TBC1 domain family member 24	-0.268753719	0.047267278
Q3UUI3	Them4	Acyl-coenzyme A thioesterase THEM4	-0.119758161	-0.691041946
Q3UUJ4	Strada	STE20-related kinase adapter protein alpha	-0.530984306	-0.317846298
Q3UV17	Krt76	Keratin, type II cytoskeletal 2 oral	0.113939857	-0.754339854
Q3UVG3	Fam91a1	Protein FAM91A1	-0.278489971	1.480139971
Q3UVL4	Vps51	Vacuolar protein sorting-associated protein 51 homolog	0.201398404	0.119614601
Q3UX10	Tubal3	Tubulin alpha chain-like 3	-0.892348512	0.107132037
Q3UXU8	Stn1	CST complex subunit STN1	0.305704006	0.140078386
Q3UY21	Mog	Myelin-oligodendrocyte glycoprotein	0.610088634	0.366547426
Q3UYC0	Ppm1h	Protein phosphatase 1H	0.062272072	0.286158403
Q3UYG8	MacroD2	ADP-ribose glycohydrolase MACROD2	-0.047636255	0.645554066
Q3UYV9	Ncbp1	Nuclear cap-binding protein subunit 1	-0.119333776	-0.139052232
Q3V038	Ttc9	Tetratricopeptide repeat protein 9A	-0.134716702	0.754818439
Q3V0K9	Pls1	Plastin-1	0.02492129	0.169998487
Q3V117	Acly	ATP-citrate synthase	-0.272734896	0.01715072
Q3V1L6	Mtmr11	Myotubularin-related protein 11	1.080561002	2.335497061
Q3V2R3	Chn2	Chimaerin	-0.122371356	-0.283276876
Q3V384	Afg1l	AFG1-like ATPase	1.271276824	1.568695068
Q3V3R1	Mthfd1l	Monofunctional C1-tetrahydrofolate synthase, mitochondrial	-0.148169263	0.073538939
Q3V4D5	Naa10	N-alpha-acetyltransferase 10	-0.514056524	1.47269249
Q497I4	Krt35	Keratin, type I cuticular Ha5	-0.524168841	-0.120638688
Q499X9	Mars2	Methionine--tRNA ligase, mitochondrial	-0.053892612	-0.955404282
Q4ACU6	Shank3	SH3 and multiple ankyrin repeat domains protein 3	0.101362769	-0.589766502
Q4FCQ7	Ate1	Arginyl-tRNA--protein transferase 1	-0.116597939	0.718928178
Q4KMM3	Oxr1	Oxidation resistance protein 1	0.000504684	0.083820025
Q4LDD4	Arap1	Arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 1	-0.546057447	-0.724205653
Q4V9Z5	Sez6l2	Seizure 6-like protein 2	-0.095600637	-0.024755478
Q4VA93	Prkca	Protein kinase C	-0.220696354	0.14475139
Q4VC33	Maea	E3 ubiquitin-protein transferase MAEA	-0.408003712	0.54615434
Q501J7	Phactr4	Phosphatase and actin regulator 4	0.104561869	-0.466984342
Q504M2	Pdp2	Pyruvate dehydrogenase phosphatase catalytic subunit 2	-0.74644088	1.372515202
Q50H33	Kctd8	BTB/POZ domain-containing protein KCTD8	-0.031383991	1.063757539
Q52KG3	Magee2	MAGE family member E2	-1.155139256	-0.024377346
Q52KR3	Prune2	Protein prune homolog 2	-0.059931405	0.145503203
Q542V3	Srsf4	Serine/arginine-rich-splicing factor 4	-0.317869631	0.054911772
Q569Z6	Thrap3	Thyroid hormone receptor-associated protein 3	-0.250601896	0.29513073
Q571K4	Tab3	TGF-beta-activated kinase 1 and MAP3K7-binding protein 3	-0.167784564	0.12465779
Q58A65	Spag9	C-Jun-amino-terminal kinase-interacting protein 4	0.088077323	0.294014454
Q5DQR4	Stxbp5l	Syntaxin-binding protein 5-like	0.657232745	-0.00570337
Q5DTY9	Kctd16	BTB/POZ domain-containing protein KCTD16	-0.437437725	0.155576229

Q5DU31	Ipcef1	Interactor protein for cytohesin exchange factors 1	-0.083106232	-0.93986845
Q5EBJ4	Ermn	Ermin	0.216660945	0.282595158
Q5F258	Git1	ARF GTPase-activating protein GIT1	0.024382051	0.38715601
Q5F2D9	Arb2	Arrestin, beta 2	0.685405413	-1.202902277
Q5H8C4	Vps13a	Vacuolar protein sorting-associated protein 13A	0.055662791	0.160366217
Q5ICG5	Acsf6	Long chain acyl-CoA synthetase 6 isoform 3	-0.170104949	-1.162170569
Q5M8N0	Cnrip1	CB1 cannabinoid receptor-interacting protein 1	0.142385483	0.677652995
Q5M8N4	Sdr39u1	Epimerase family protein SDR39U1	0.02258908	-0.04493014
Q5NCF2	Trappc1	Trafficking protein particle complex subunit 1	-0.587413216	-1.203792413
Q5NCQ5	Dph1	2-(3-amino-3-carboxypropyl)histidine synthase subunit 1	-1.51109155	-1.129100998
Q5PR73	Diras2	GTP-binding protein Di-Ras2	-0.024758148	-0.129134178
Q5QNG6	Osbp2	Oxysterol-binding protein 2	0.362622865	0.419290384
Q5RJI5	Brsk1	Serine/threonine-protein kinase BRSK1	-0.792066987	-0.636869113
Q5RKN9	Capza1	F-actin-capping protein subunit alpha	-0.032212575	0.67148145
Q5SQX6	Cyfp2	Cytoplasmic FMR1-interacting protein 2	0.155175432	-0.263052781
Q5SRF8	Spred2	Sprouty-related, EVH1 domain-containing protein 2	-0.038145987	-0.591141065
Q5SRX1	Tom1l2	TOM1-like protein 2	0.095361519	0.91305383
Q5SS83	Flot2	Flotillin	0.138398711	-0.109353781
Q5SSL4	Abr	Active breakpoint cluster region-related protein	0.203100014	0.263734341
Q5SSM3	Arhgap44	Rho GTPase-activating protein 44	-0.023816331	0.392418861
Q5SUF2	Luc7l3	Luc7-like protein 3	-0.111021837	0.001686096
Q5SUH6	Clint1	Clathrin interactor 1	0.010564518	0.604044755
Q5SUR0	Pfas	Phosphoribosylformylglycinamide synthase	-0.402256838	-0.005648931
Q5SUS9	Ewsr1	RNA-binding protein EWS	0.086464628	0.366342862
Q5SV64	Myh10	Myosin-10	-1.867384593	-0.926577489
Q5SV85	Synrg	Synergina gamma	0.259227053	0.089104811
Q5SVR0	Tbc1d9b	TBC1 domain family member 9B	0.008559513	0.460865974
Q5SWN2	Rpa1	Replication protein A subunit	1.257920678	1.35778904
Q5SWP3	Nacad	NAC-alpha domain-containing protein 1	-0.859398842	0.191498915
Q5SWU9	Acaca	Acetyl-CoA carboxylase 1	0.238879267	0.459612211
Q5SWZ5	Mprp	Myosin phosphatase Rho-interacting protein	0.083282471	-0.067721685
Q5U3K5	Rabf6	Rab-like protein 6	0.108689149	0.218078613
Q5U430	Ubr3	E3 ubiquitin-protein ligase UBR3	-0.014216264	-0.250422001
Q5U4F6	Dync2i2	Cytoplasmic dynein 2 intermediate chain 2	-0.122824796	0.203485012
Q5U5V2	Hykk	Hydroxylysine kinase	-0.764085706	0.392551263
Q5XG69	Fam169a	Soluble lamin-associated protein of 75 kDa	-0.074601046	0.521401087
Q5XJY5	Arcn1	Coatamer subunit delta	-0.084339396	-0.156887213
Q5XPI3	Rnf123	E3 ubiquitin-protein ligase RNF123	-0.638685894	-0.180072625
Q60590	Orm1	Alpha-1-acid glycoprotein 1	1.648274517	0.492646853
Q60596	Xrcc1	DNA repair protein XRCC1	0.243697961	0.523093383
Q60597	Ogdh	2-oxoglutarate dehydrogenase, mitochondrial	0.034618537	-0.124014537
Q60598	Cttn	Src substrate cortactin	0.139608447	0.151805878
Q60625	Icam5	Intercellular adhesion molecule 5	0.033598709	-0.093420664
Q60648	Gm2a	Ganglioside GM2 activator	0.432288074	0.334833145
Q60668	Hnrnpd	Heterogeneous nuclear ribonucleoprotein D0	-0.111402798	-0.0291152
Q60676	Ppp5c	Serine/threonine-protein phosphatase 5	-0.04732008	0.148321311

Q60692	Psmb6	Proteasome subunit beta type-6	0.271641604	0.328903834
Q60737	Csnk2a1	Casein kinase II subunit alpha	-0.228681723	-0.003708363
Q60749	Khdrbs1	KH domain-containing, RNA-binding, signal transduction-associated protein 1	-0.34160312	0.946559111
Q60771	Cldn11	Claudin-11	0.729746596	-0.378482024
Q60823	Akt2	RAC-beta serine/threonine-protein kinase	0.283956146	0.21504577
Q60829	Ppp1r1b	Protein phosphatase 1 regulatory subunit 1B	0.139095815	0.836201509
Q60864	Stip1	Stress-induced-phosphoprotein 1	0.026280403	0.265788078
Q60865	Caprin1	Caprin-1	-0.099515915	0.192513625
Q60900	Elavl3	ELAV-like protein 3	0.390656058	-1.127483209
Q60902	Eps15l1	Epidermal growth factor receptor substrate 15-like 1	-0.016918437	0.524056753
Q60930	Vdac2	Voltage-dependent anion-selective channel protein 2	0.306068198	1.038738251
Q60932	Vdac1	Voltage-dependent anion-selective channel protein 1	0.459781933	0.440581163
Q60960	Kpna1	Importin subunit alpha-5	-0.037482103	0.091011365
Q60963	Pla2g7	Platelet-activating factor acetylhydrolase	0.158739535	0.37502416
Q60967	Papss1	Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 1	-0.195316251	0.182518164
Q60972	Rbbp4	Histone-binding protein RBBP4	-0.540466436	-0.476973375
Q60973	Rbbp7	Histone-binding protein RBBP7	-0.040554206	0.857978821
Q60994	Adipoq	Adiponectin	0.013436286	0.282592138
Q60996	Ppp2r5c	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform	-0.299683348	-0.352538904
Q61024	Asns	Asparagine synthetase [glutamine-hydrolyzing]	0.018717511	0.357510885
Q61029	Tmpo	Lamina-associated polypeptide 2, isoforms beta/delta/epsilon/gamma	-0.011092758	0.394588153
Q61035	Hars1	Histidine--tRNA ligase, cytoplasmic	0.086113135	0.398314635
Q61036	Pak3	Serine/threonine-protein kinase PAK 3	-0.08743852	0.539464633
Q61074	Ppm1g	Protein phosphatase 1G	-0.13962698	0.242483775
Q61081	Cdc37	Hsp90 co-chaperone Cdc37	-0.051775646	0.317370097
Q61140	Bcar1	Breast cancer anti-estrogen resistance protein 1	-0.222053528	0.218450069
Q61151	Ppp2r5e	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit epsilon isoform	-0.231884702	0.043034554
Q61160	Fadd	FAS-associated death domain protein	-0.070676676	0.829915524
Q61161	Map4k2	Mitogen-activated protein kinase kinase kinase kinase 2	0.625900618	-1.320657253
Q61165	Slc9a1	Sodium/hydrogen exchanger 1	-1.281450685	0.811481635
Q61166	Mapre1	Microtubule-associated protein RP/EB family member 1	-0.059779358	0.231291453
Q61171	Prdx2	Peroxiredoxin-2	0.121822802	0.368530909
Q61176	Arg1	Arginase-1	1.118613307	-1.177727699
Q61187	Tsg101	Tumor susceptibility gene 101 protein	0.073305925	0.542191505
Q61189	Clns1a	Methylosome subunit pICln	0.235052649	0.463134766
Q61205	Pafah1b3	Platelet-activating factor acetylhydrolase IB subunit alpha1	-0.138151614	0.862178802
Q61233	Lcp1	Plastin-2	0.001509317	0.635955334
Q61239	Fnta	Protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha	-0.052449099	0.357481798
Q61247	Serpinf2	Alpha-2-antiplasmin	-0.001999505	-0.223477046
Q61249	Igbbp1	Immunoglobulin-binding protein 1	-0.060255559	-2.032657186
Q61282	Acan	Aggrecan core protein	-0.465552457	0.307005405
Q61330	Cntn2	Contactin-2	-0.230323219	0.279037952
Q61335	Bcap31	B-cell receptor-associated protein 31	1.550203037	0.992811203
Q61361	Bcan	Brevican core protein	-0.089367485	0.196333567

Q61411	Hras	GTPase HRas	0.534764067	1.127540032
Q61425	Hadh	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial	0.02205286	0.222651958
Q61481	Pde1a	Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A	-0.04878753	0.418049335
Q61548	Snap91	Clathrin coat assembly protein AP180	-0.138242213	-0.020008087
Q61553	Fscn1	Fascin	-0.051837413	0.064102809
Q61578	Fdxr	NADPH:adrenodoxin oxidoreductase, mitochondrial	0.047588666	0.250081698
Q61598	Gdi2	Rab GDP dissociation inhibitor beta	-0.109526253	0.388466835
Q61599	Arhgdib	Rho GDP-dissociation inhibitor 2	0.203770415	1.42996796
Q61635	Ifi47	GTP-binding protein	1.620029704	0.473732471
Q61644	Paccin1	Protein kinase C and casein kinase substrate in neurons protein 1	0.050508563	0.305254936
Q61646	Hp	Haptoglobin	2.5277596	0.796781858
Q61655	Ddx19a	ATP-dependent RNA helicase DDX19A	0.005546443	0.139835358
Q61656	Ddx5	Probable ATP-dependent RNA helicase DDX5	0.089752706	0.510111809
Q61686	Cbx5	Chromobox protein homolog 5	-0.007805443	0.596599261
Q61699	Hsph1	Heat shock protein 105 kDa	0.011798096	0.172144254
Q61701	Elavl4	ELAV-like protein 4	-0.408457247	-0.737043063
Q61704	Itih3	Inter-alpha-trypsin inhibitor heavy chain H3	-0.502815819	-0.295855363
Q61753	Phgdh	D-3-phosphoglycerate dehydrogenase	-0.216708438	0.39527607
Q61768	Kif5b	Kinesin-1 heavy chain	-0.11201245	-0.114533901
Q61771	Kif3b	Kinesin-like protein KIF3B	-0.290183735	0.374867439
Q61781	Krt14	Keratin, type I cytoskeletal 14	-0.253240649	-0.513125102
Q61792	Lasp1	LIM and SH3 domain protein 1	0.000950559	0.141186078
Q61823	Pdcd4	Programmed cell death protein 4	-0.127766037	-0.913147807
Q61838	Pzp	Pregnancy zone protein	-0.078146394	-0.033130805
Q61937	Npm1	Nucleophosmin	-0.095135307	0.136285464
Q62048	Pea15	Astrocytic phosphoprotein PEA-15	0.313465405	1.133684317
Q62074	Prkci	Protein kinase C iota type	-0.27377739	0.331498782
Q62093	Srsf2	Serine/arginine-rich splicing factor 2	-0.005049801	0.390544891
Q62148	Aldh1a2	Retinal dehydrogenase 2	-0.553503227	1.667802254
Q62159	Rhoc	Rho-related GTP-binding protein RhoC	-0.103485998	0.042755763
Q62165	Dag1	Dystroglycan	0.136855857	0.213456313
Q62167	Ddx3x	ATP-dependent RNA helicase DDX3X	-0.050329145	-0.172820886
Q62179	Sema4b	Semaphorin-4B	0.923847357	-0.506009579
Q62186	Ssr4	Translocon-associated protein subunit delta	0.776605733	-0.66972971
Q62188	Dpysl3	Dihydropyrimidinase-related protein 3	-0.037992732	0.057765643
Q62189	Snrpa	U1 small nuclear ribonucleoprotein A	-0.132491175	-0.221188545
Q62210	Birc2	Baculoviral IAP repeat-containing protein 2	-0.421699651	0.163817167
Q62241	Snrpc	U1 small nuclear ribonucleoprotein C	-0.877845033	1.781199217
Q62245	Sos1	Son of sevenless homolog 1	-0.200782172	0.442842801
Q62261	Sptbn1	Spectrin beta chain, non-erythrocytic 1	-0.036161168	-0.005887667
Q62266	Sprr1a	Cornifin-A	-0.658385372	0.805272261
Q62267	Sprr1b	Cornifin-B	-0.816629442	0.383344332
Q62277	Syp	Synaptophysin	0.289754772	0.894567013
Q62288	Spock1	Testican-1	-0.068187364	-0.041948318
Q62318	Trim28	Transcription intermediary factor 1-beta	-0.176562246	0.396201293

Q62348	Tsn	Translin	-0.120725282	0.290577253
Q62376	Snrnp70	U1 small nuclear ribonucleoprotein 70 kDa	-0.344256306	0.05913798
Q62383	Supt6h	Transcription elongation factor SPT6	-0.29882822	-0.263657888
Q62417	Sorbs1	Sorbin and SH3 domain-containing protein 1	0.91008056	2.582211574
Q62418	Dbnl	Drebrin-like protein	-0.020826403	0.074656487
Q62419	Sh3gl1	Endophilin-A2	0.078762976	0.398543676
Q62426	Cstb	Cystatin-B	-0.030851905	-0.230068048
Q62433	Ndrp1	Protein NDRG1	0.160038948	0.986591657
Q62443	Nptx1	Neuronal pentraxin-1	-0.15396239	0.281872908
Q62446	Fkbp3	Peptidyl-prolyl cis-trans isomerase FKBP3	0.259564304	0.697025458
Q62465	Vat1	Synaptic vesicle membrane protein VAT-1 homolog	0.230455875	1.149473667
Q62523	Zyx	Zyxin	-0.193188222	0.289279143
Q63810	Ppp3r1	Calcineurin subunit B type 1	-0.114520232	-0.006973267
Q63829	Commf3	COMM domain-containing protein 3	-0.494344234	0.642578125
Q63844	Mapk3	Mitogen-activated protein kinase 3	-0.164977328	0.38954099
Q63850	Nup62	Nuclear pore glycoprotein p62	-1.16407512	0.430800756
Q63918	Cavin2	Caveolae-associated protein 2	-1.316295719	1.712164879
Q63932	Map2k2	Dual specificity mitogen-activated protein kinase kinase 2	-0.090090116	0.321085612
Q64010	Crk	Adapter molecule crk	0.004981963	0.425193787
Q640R3	Hepacam	Hepatocyte cell adhesion molecule	0.125786273	0.38853995
Q64112	Ifit2	Interferon-induced protein with tetratricopeptide repeats 2	0.272515758	0.092274348
Q64133	Maoa	Amine oxidase [flavin-containing] A	-1.836486749	0.728792349
Q64152	Btf3	Transcription factor BTF3	0.205029043	0.173571905
Q641P0	Actr3b	Actin-related protein 3B	0.743331051	0.405194918
Q64288	Omp	Olfactory marker protein	-2.562327766	1.059277217
Q64291	Krt12	Keratin, type I cytoskeletal 12	0.750220235	-0.61457173
Q64310	Surf4	Surfeit locus protein 4	-1.127542337	-0.402612845
Q64332	Syn2	Synapsin-2	0.01811765	0.091341337
Q64337	Sqstm1	Sequestosome-1	-0.024139023	0.951058865
Q64374	Rgn	Regucalcin	0.171337573	1.397078117
Q64378	Fkbp5	Peptidyl-prolyl cis-trans isomerase FKBP5	0.142706553	0.458745956
Q64433	Hspe1	10 kDa heat shock protein, mitochondrial	0.02600797	0.572164853
Q64442	Sord	Sorbitol dehydrogenase	-0.110304387	0.31583039
Q64471	Gstt1	Glutathione S-transferase theta-1	-0.296468163	-0.033215364
Q64514	Tpp2	Tripeptidyl-peptidase 2	-0.116535568	0.028529008
Q64520	Guk1	Guanylate kinase	0.308597819	0.297250112
Q64521	Gpd2	Glycerol-3-phosphate dehydrogenase, mitochondrial	0.37159462	0.982705911
Q64669	Nqo1	NAD(P)H dehydrogenase [quinone] 1	-0.181941923	0.171369553
Q64674	Srm	Spermidine synthase	-0.005020364	-0.445417086
Q64727	Vcl	Vinculin	0.018231106	0.309179942
Q64737	Gart	Trifunctional purine biosynthetic protein adenosine-3	-0.033677832	0.2045331
Q66L47	Gnal	Guanine nucleotide binding protein, alpha stimulating, olfactory type	0.440175947	1.098476887
Q68ED7	Crtc1	CREB-regulated transcription coactivator 1	0.620063241	-0.016841571
Q68FD5	Cltc	Clathrin heavy chain 1	-0.157138824	0.110179901
Q68FE6	Ripor1	Rho family-interacting cell polarization regulator 1	0.981133207	0.948920886

Q68FG2	Sptbn2	Spectrin beta chain	-0.031339137	-0.043606122
Q68FH4	Galk2	N-acetylgalactosamine kinase	0.03430287	-0.097347101
Q68FL1	Adgrb3	Adhesion G protein-coupled receptor B3 (Fragment)	-0.475616201	-0.775553544
Q68FM6	Elfn2	Protein phosphatase 1 regulatory subunit 29	0.586917639	-1.657341838
Q68FM7	Arhgef11	Rho guanine nucleotide exchange factor (GEF) 11	-0.153026994	-1.024278005
Q69Z98	Brsk2	Serine/threonine-protein kinase BRSK2	0.323137506	0.996233702
Q69ZC8	Gpalpp1	GPALPP motifs-containing protein 1	0.816065979	0.586922169
Q69ZF3	Gba2	Non-lysosomal glucosylceramidase	0.55989186	0.167634487
Q69ZK0	Prex1	Phosphatidylinositol 3,4,5-trisphosphate-dependent Rac exchanger 1 protein	-0.272504934	-0.002081076
Q69ZW3	Ehbp1	EH domain-binding protein 1	0.23504413	1.232508024
Q6A028	Swap70	Switch-associated protein 70	-0.69634161	0.552115917
Q6A037	N4bp1	NEDD4-binding protein 1	-0.136841297	-0.644175212
Q6A068	Cdc5l	Cell division cycle 5-like protein	0.986919403	-0.557964007
Q6A0A2	Larp4b	La-related protein 4B	-0.465100606	0.804011504
Q6A0A9	FAM120A	Constitutive activator of PPAR-gamma-like protein 1	1.055964979	0.516047955
Q6DFW0		Guanine nucleotide exchange C9orf72 homolog	-0.184795825	-0.380962054
Q6DFY2	Opcml	Opioid-binding protein/cell adhesion molecule-like	0.700369644	0.527044455
Q6DFZ1	Gbf1	Golgi-specific brefeldin A-resistance factor 1	-0.509221331	0.375256538
Q6DID3	Scaf8	SR-related and CTD-associated factor 8	-0.798259226	0.038284938
Q6GT24	Prdx6	Peroxiredoxin-6	-0.011989021	0.487413724
Q6I6G8	Hecw2	E3 ubiquitin-protein ligase HECW2	-0.052433745	-0.08161513
Q6IFX2	Krt42	Keratin, type I cytoskeletal 42	-0.221327082	-1.003115336
Q6IFZ6	Krt77	Keratin, type II cytoskeletal 1b	0.063013522	-0.177830378
Q6IME9	Krt72	Keratin, type II cytoskeletal 72	-0.070902952	-0.629342556
Q6IR34	Gpsm1	G-protein-signaling modulator 1	0.055440108	0.214421272
Q6IRU2	Tpm4	Tropomyosin alpha-4 chain	-0.086931801	0.555776119
Q6IRU5	Cltb	Clathrin light chain B	0.07327404	0.258076986
Q6KAU4	Mvb12b	Multivesicular body subunit 12B	-0.428875828	0.345953782
Q6NSR8	Npepl1	Probable aminopeptidase NPEPL1	-0.26645209	0.208477338
Q6NT99	Dusp23	Dual specificity protein phosphatase 23	-0.236228848	0.207702319
Q6NVE8	Wdr44	WD repeat-containing protein 44	0.000288518	0.178058147
Q6NVE9	Pptc7	Protein phosphatase PTC7 homolog	-0.223176702	0.429542859
Q6NVF0	Ocrl	Inositol polyphosphate 5-phosphatase OCRL	-0.096425311	0.007899761
Q6NXH9	Krt73	Keratin, type II cytoskeletal 73	-0.073678144	-0.285926819
Q6NZD2	Snx1	Sorting nexin-1	-0.034701188	0.485878309
Q6NZL0	Soga3	Protein SOGA3	0.197152615	-0.097639243
Q6NZM9	Hdac4	Histone deacetylase 4	0.352978452	-0.193738461
Q6NZR5	Skiv2l	Superkiller viralicidic activity 2-like (S. cerevisiae)	0.475995	1.933543205
Q6P069	Sri	Sorcin	-0.023439598	0.326384544
Q6P1B9	Bin1	Bin1 protein	-0.040282027	-0.524842898
Q6P1E1	Zmiz1	Zinc finger MIZ domain-containing protein 1	0.738157972	-0.169791381
Q6P1F6	Ppp2r2a	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B alpha isoform	0.006680234	0.123216311
Q6P1J1	Crmp1	Crmp1 protein	0.085648473	-1.066135724
Q6P2B1	Tnpo3	Transportin-3	-0.322579988	0.711047331
Q6P3A8	Bckdhd	2-oxoisovalerate dehydrogenase subunit beta, mitochondrial	-0.699572277	0.411450704

Q6P4T2	Snrnp200	U5 small nuclear ribonucleoprotein 200 kDa helicase	-0.003151417	-0.674342155
Q6P542	Abcf1	ATP-binding cassette sub-family F member 1	-0.395079358	-0.04486831
Q6P5B5	Fxr2	Fragile X mental retardation syndrome-related protein 2	-0.420950794	0.505917708
Q6P5E4	Uggt1	UDP-glucose:glycoprotein glucosyltransferase 1	0.263593006	0.545001189
Q6P5E8	Dgkq	Diacylglycerol kinase theta	0.025664552	-0.335867087
Q6P5F9	Xpo1	Exportin-1	-0.124911594	0.776514212
Q6P5H2	Nes	Nestin	0.246646039	-0.017240763
Q6P5U7	Nwd2	NACHT and WD repeat domain-containing protein 2	0.229583327	0.424346447
Q6P6I6	Polr2m	DNA-directed RNA polymerase II subunit GRINL1A	0.359180355	0.971937656
Q6P8I4	Pcnp	PEST proteolytic signal-containing nuclear protein	0.235143185	0.775417964
Q6P8J2	Sat2	Thialysine N-epsilon-acetyltransferase	-0.187627761	0.760414759
Q6P8J7	Ckmt2	Creatine kinase S-type, mitochondrial	1.635727024	1.244046688
Q6P8K8	Cpa4	Carboxypeptidase A4	0.315567843	-0.541555087
Q6P8N8	Clpx	ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial	0.977558613	0.551648299
Q6P8X1	Snx6	Sorting nexin-6	-0.053203297	0.29050382
Q6P9J5	Kank4	KN motif and ankyrin repeat domain-containing protein 4	-0.329730765	1.043198586
Q6P9K8	Caskin1	Caskin-1	0.059540685	0.369708856
Q6P9Q6	Fkbp15	FK506-binding protein 15	-0.710351912	0.23544693
Q6P9R2	Oxsr1	Serine/threonine-protein kinase OSR1	-0.050048478	0.322756608
Q6P9S0	Mtss2	Protein MTSS 2	0.330000178	0.490110238
Q6PAJ1	Bcr	Breakpoint cluster region protein	-3.80E-05	0.1249005
Q6PAK3	Prmt8	Protein arginine N-methyltransferase 8	0.10497853	0.062774658
Q6PAM0	Prkab2	5'-AMP-activated protein kinase subunit beta-2	0.543174712	1.779740969
Q6PAR5	Gapvd1	GTPase-activating protein and VPS9 domain-containing protein 1	-0.180804094	-0.164512634
Q6PAV2	Herc4	Probable E3 ubiquitin-protein ligase HERC4	-0.365306918	-0.488464673
Q6PB44	Ptpn23	Tyrosine-protein phosphatase non-receptor type 23	0.01136783	0.303129514
Q6PB66	Lrpprc	Leucine-rich PPR motif-containing protein, mitochondrial	-0.044860999	0.265798251
Q6PCN3	Ttbk1	Tau-tubulin kinase 1	0.14630305	0.586991469
Q6PD03	Ppp2r5a	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform	0.242453067	0.003877958
Q6PD10	Ip6k1	Inositol hexakisphosphate kinase 1	-0.344308503	-0.056727091
Q6PD19	Armh3	Armadillo-like helical domain-containing protein 3	0.119421577	0.835006078
Q6PD24	Ankrd13d	Ankyrin repeat domain-containing protein 13D	0.488953749	2.220701377
Q6PD28	Ppp2r5b	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit beta isoform	0.218540064	0.503246625
Q6PDJ6	Fbxo42	F-box only protein 42	0.424653657	0.74574693
Q6PDL0	Dync1li2	Cytoplasmic dynein 1 light intermediate chain 2	0.320173518	0.2720294
Q6PDS3	Sarm1	NAD(+) hydrolase SARM1	-0.25917956	-1.024649779
Q6PDX6	Rnf220	E3 ubiquitin-protein ligase Rnf220	-0.256131999	0.751439412
Q6PDY2	Ado	2-aminoethanethiol dioxygenase	-0.152783171	0.483461062
Q6PE15	Abhd10	Palmitoyl-protein thioesterase ABHD10, mitochondrial	0.163672161	0.726527691
Q6PEE3	Rrm2b	Ribonucleoside-diphosphate reductase subunit M2 B	0.181885624	0.296338399
Q6PER3	Mapre3	Microtubule-associated protein RP/EB family member 3	0.106908353	0.342697461
Q6PF96	Etfdh	Electron transfer flavoprotein-ubiquinone oxidoreductase	0.730936972	1.247580051
Q6PGB6	Naa50	N-alpha-acetyltransferase 50	0.252284114	-0.983263969
Q6PGF2	Morn4	MORN repeat-containing protein 4	0.495602544	0.641591708
Q6PGF7	Exoc8	Exocyst complex component 8	0.043000158	-0.070786635

Q6PGH0	Ubtd2	Ubiquitin domain-containing protein 2	0.812969144	0.201040427
Q6PGH2	Jpt2	Jupiter microtubule associated homolog 2	0.084830697	-0.137568315
Q6PGK3	2700097O09Rik	RIKEN cDNA 2700097O09 gene	-0.082906246	-0.166299582
Q6PGL7	Washc2	WASH complex subunit 2	0.069937611	0.293315411
Q6PHN9	Rab35	Ras-related protein Rab-35	0.361570962	0.760713577
Q6PHU5	Sort1	Sortilin	0.567804845	-0.300097307
Q6PIE5	Atp1a2	Sodium/potassium-transporting ATPase subunit alpha-2	0.349588108	0.36712424
Q6PIU9		Uncharacterized protein FLJ45252 homolog	-0.423905754	0.169822057
Q6Q899	Ddx58	Antiviral innate immune response receptor RIG-I	-0.417561118	0.158212582
Q6R891	Ppp1r9b	Neurabin-2	0.15991478	-0.277362982
Q6SKR2	N6amt1	Methyltransferase N6AMT1	-0.371687635	-0.300957203
Q6W8Q3	Pcp4l1	Purkinje cell protein 4-like protein 1	0.422820473	0.658443769
Q6WKZ8	Ubr2	E3 ubiquitin-protein ligase UBR2	0.066646067	0.61778752
Q6XE40	Mpp3	MAGUK p55 subfamily member 3	-0.063879744	0.085825443
Q6XLQ8	Calu	Calumenin	-0.243348567	0.06573232
Q6XPS7	Tha1	L-threonine aldolase	-0.10908521	-0.762520154
Q6ZPE2	Sbf1	Myotubularin-related protein 5	0.069088109	-0.238424301
Q6ZPJ3	Ube2o	(E3-independent) E2 ubiquitin-conjugating enzyme UBE2O	-0.274082247	0.156109492
Q6ZPU9	Kifbp	KIF-binding protein	0.018831285	0.063643138
Q6ZQ29	Taok2	Serine/threonine-protein kinase TAO2	0.309956328	1.840564728
Q6ZQ38	Cand1	Cullin-associated NEDD8-dissociated protein 1	-0.032763036	0.215666453
Q6ZQ58	Larp1	La-related protein 1	0.285857582	-0.78552866
Q6ZQI3	Mlec	Malectin	-1.292472363	0.837581635
Q6ZWM4	Lsm8	U6 snRNA-associated Sm-like protein LSm8	-0.191112868	-0.015534242
Q6ZWN5	Rps9	40S ribosomal protein S9	0.219314575	0.898462137
Q6ZWR6	Syne1	Nesprin-1	-0.009836102	-0.248994509
Q6ZVV7	Rpl35	60S ribosomal protein L35	0.830810006	0.721066475
Q6ZWX6	Eif2s1	Eukaryotic translation initiation factor 2 subunit 1	0.080535603	0.388485909
Q6ZWY8	Tmsb10	Thymosin beta-10	0.166703574	1.116142273
Q6ZWZ2	Ube2r2	Ubiquitin-conjugating enzyme E2 R2	-0.131626002	0.77562205
Q6ZWZ7	Rpl17	60S ribosomal protein L17	0.78682181	1.577475548
Q71M36	Cspg5	Chondroitin sulfate proteoglycan 5	-0.563055325	-0.645074526
Q71RI9	Kyat3	Kynurenine--oxoglutarate transaminase 3	-0.268520228	-0.47812144
Q76LS9	Mindy1	Ubiquitin carboxyl-terminal hydrolase MINDY-1	-0.23294611	0.117382844
Q76MZ3	Ppp2r1a	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	-0.072193209	0.243757884
Q78IK2	Atp5mk	ATP synthase membrane subunit K, mitochondrial	1.066624928	1.114952087
Q78J03	Msrb2	Methionine-R-sulfoxide reductase B2, mitochondrial	-0.040592353	0.260954698
Q78JE5	Fbxo22	F-box only protein 22	-0.13379453	0.32014211
Q78JW9	Ubfd1	Ubiquitin domain-containing protein Ubfd1	0.214680004	0.751449426
Q78PG9	Ccdc25	Coiled-coil domain-containing protein 25	0.567833074	0.715143363
Q78PY7	Snd1	Staphylococcal nuclease domain-containing protein 1	-0.172128677	0.613730907
Q78ZM0	Snx3	Sorting nexin-3	0.114730231	0.539102395
Q791V5	Mtch2	Mitochondrial carrier homolog 2	0.231516234	1.392058531
Q792Z1	Try10	Trypsin 10	0.06419398	0.162413597
Q7M6W1	Rtn1	Reticulon	0.268539174	-0.244544824

Q7M6Y3	Picalm	Phosphatidylinositol-binding clathrin assembly protein	-0.057958126	0.431426366
Q7TMB8	Cyfp1	Cytoplasmic FMR1-interacting protein 1	0.059460068	0.115797361
Q7TMC8	Fcsk	L-fucose kinase	-0.910086346	0.698811213
Q7TMM9	Tubb2a	Tubulin beta-2A chain	0.246436691	0.782925606
Q7TMR0	Prcp	Lysosomal Pro-X carboxypeptidase	-0.375557105	-0.043436527
Q7TMW6	Ciao3	Cytosolic iron-sulfur assembly component 3	-1.593631474	0.257064899
Q7TN29	Smap2	Stromal membrane-associated protein 2	-0.074360625	0.533500512
Q7TNC4	Luc7l2	Putative RNA-binding protein Luc7-like 2	-0.948862012	1.355705579
Q7TNE3	Spag7	Sperm-associated antigen 7	0.326091067	1.891360044
Q7TNF0	Doc2a	Double C2-like domain-containing protein alpha	-0.646186288	-0.642726262
Q7TNG8	Ldhd	Probable D-lactate dehydrogenase, mitochondrial	-1.338798618	0.724160353
Q7TNL5	Ppp2r5d	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit	-0.277805901	0.07485199
Q7TNV0	Dek	Protein DEK	-1.089197858	0.148350557
Q7TPC1	Cdsn	Corneodesmosin	0.368588352	-1.445136547
Q7TPD2	Fam185a	Protein FAM185A	-0.101557795	0.467683156
Q7TPE5	Slc7a6os	Probable RNA polymerase II nuclear localization protein SLC7A6OS	0.508993149	0.708413601
Q7TPM6	Fsd1	Fibronectin type III and SPRY domain-containing protein 1	0.010577901	0.392287413
Q7TPR4	Actn1	Alpha-actinin-1	0.847716014	0.079220295
Q7TQ95	Ln timer	Endoplasmic reticulum junction formation protein lunapark	0.555681292	0.946762562
Q7TQD2	Tppp	Tubulin polymerization-promoting protein	0.013963445	0.291582743
Q7TQG7	Adam11	Adam11 protein	-0.442648633	0.482263803
Q7TQK5	Ccdc93	Coiled-coil domain-containing protein 93	0.319679737	0.355121295
Q7TRZ9	Olfir312	Olfactory receptor	0.949635792	0.483444532
Q7TSE6	Stk38l	Serine/threonine-protein kinase 38-like	-0.332013639	0.482535998
Q7TSF1	Dsg1b	Desmoglein-1-beta	0.031404463	-0.443448385
Q7TSG2	Ctdp1	RNA polymerase II subunit A C-terminal domain phosphatase	0.051988029	-0.334081809
Q7TSH2	Phkb	Phosphorylase b kinase regulatory subunit beta	0.388126914	0.403439522
Q7TSI3	Ppp6r1	Serine/threonine-protein phosphatase 6 regulatory subunit 1	0.305022144	0.68235143
Q7TSJ2	Map6	Microtubule-associated protein 6	0.273548571	0.485069275
Q7TSJ7	Mapk8	Mitogen-activated protein kinase	0.9000995	-1.492467086
Q7TSQ8	Pdpr	Pyruvate dehydrogenase phosphatase regulatory subunit, mitochondrial	-0.29457531	0.421745459
Q7TSS2	Ube2q1	Ubiquitin-conjugating enzyme E2 Q1	-0.227155813	0.552832127
Q7TSV4	Pgm2	Phosphoglucomutase-2	-0.013216209	0.735293229
Q7TT23		Uncharacterized protein C20orf194 homolog	-0.491174126	1.016781807
Q7TT37	Elp1	Elongator complex protein 1	-0.00745163	-0.168318907
Q7TT50	Cdc42bpb	Serine/threonine-protein kinase MRCK beta	0.00462335	-0.27755324
Q80SW1	Ahcyl1	S-adenosylhomocysteine hydrolase-like protein 1	-0.022745768	0.410754045
Q80SY6	Adal	Adenosine deaminase-like protein	-0.953258006	1.063742797
Q80T85	Dcaf5	DBF1- and CUL4-associated factor 5	-0.6258358	-0.077109973
Q80TA6	Mtmt12	Myotubularin-related protein 12	-0.241131496	1.931982597
Q80TA9	Epg5	Ectopic P granules protein 5 homolog	0.884714047	0.384875774
Q80TB7	Zswim6	Zinc finger SWIM domain-containing protein 6	1.527328968	-0.045001189
Q80TB8	Vat1l	Synaptic vesicle membrane protein VAT-1 homolog-like	0.110993417	0.489087582
Q80TJ1	Cadps	Calcium-dependent secretion activator 1	-0.083664322	0.12709713

Q80TL0	Ppm1e	Protein phosphatase 1E	-0.270921485	0.221811295
Q80TL4	Phf24	PHD finger protein 24	-0.182445335	0.177793185
Q80TL7	Mon2	Protein MON2 homolog	-0.064841715	-0.945752621
Q80TM9	Nisch	Nischarin	-0.010954475	0.304620266
Q80TQ2	Cyld	Ubiquitin carboxyl-terminal hydrolase CYLD	0.48758262	-0.599018574
Q80TZ3	Dnajc6	Putative tyrosine-protein phosphatase auxilin	-0.218188032	-0.109421412
Q80U04	Pja2	E3 ubiquitin-protein ligase Praja-2	0.210405223	-1.239048958
Q80U23	Snph	Syntaphilin	-0.14553655	0.760373036
Q80U35	Arhgef17	Rho guanine nucleotide exchange factor 17	-1.231989638	0.624525944
Q80U56	Avl9	Late secretory pathway protein AVL9 homolog	-0.137871424	-0.124960105
Q80U57	Rims3	Regulating synaptic membrane exocytosis protein 3	-0.143714778	0.256457965
Q80U72	Scrib	Protein scribble homolog	1.516682259	2.087606112
Q80U78	Pum1	Pumilio homolog 1	-0.660385227	1.180075089
Q80U93	Nup214	Nuclear pore complex protein Nup214	-1.082579613	0.479476452
Q80U95	Ube3c	Ubiquitin-protein ligase E3C	0.95236365	-0.196115335
Q80UE5	Epb41l2	Band 4.1-like protein 2	-0.093268744	0.179458777
Q80UG2	Plxna4	Plexin-A4	0.020692539	0.103056749
Q80UK0	Sestd1	SEC14 domain and spectrin repeat-containing protein 1	0.036922963	-0.172175407
Q80UP5	Ankrd13a	Ankyrin repeat domain-containing protein 13A	1.964610585	-0.068935692
Q80UU9	Pgrmc2	Membrane-associated progesterone receptor component 2	0.722681522	1.129594008
Q80UW2	Fbxo2	F-box only protein 2	-0.472193527	-0.595115821
Q80UW8	Polr2e	DNA-directed RNA polymerases I, II, and III subunit RPABC1	-0.432606379	-0.265276273
Q80VC9	Camsap3	Calmodulin-regulated spectrin-associated protein 3	-0.000707372	0.187024752
Q80VD1	Fam98b	Protein FAM98B	0.085677973	0.544098457
Q80VE5	Tbc1d22b	TBC1 domain family, member 22B	-0.652106317	0.132188479
Q80VJ2	Sra1	Steroid receptor RNA activator 1	0.31187528	1.458879471
Q80VJ3	Dnph1	2'-deoxynucleoside 5'-phosphate N-hydrolase 1	0.237231541	1.101596514
Q80VM5	Dpp6	Dipeptidyl aminopeptidase-like protein 6	0.436607456	0.177724202
Q80VP0	Tecpr1	Tectonin beta-propeller repeat-containing protein 1	0.26524566	0.794640779
Q80VP1	Epn1	Epsin-1	-0.043510024	0.398200671
Q80W21	Gstm7	Glutathione S-transferase Mu 7	-0.212208303	0.708268801
Q80W22	Thnsl2	Threonine synthase-like 2	0.023596287	0.59452343
Q80W47	Wipi2	WD repeat domain phosphoinositide-interacting protein 2	-0.079104265	0.587289492
Q80WB5	Ntaq1	Protein N-terminal glutamine amidohydrolase	-0.172578144	-0.400469621
Q80WM4	Hapln4	Hyaluronan and proteoglycan link protein 4	-0.149168142	-0.26554362
Q80X50	Ubap2l	Ubiquitin-associated protein 2-like	0.424148814	0.277990341
Q80X68	Csl	Citrate synthase	0.362049421	1.775975704
Q80X71	Tmem106b	Transmembrane protein 106B	0.46568807	-0.06154712
Q80X73	Pelo	Protein pelota homolog	0.048651759	-0.011533101
Q80X80	C2cd2l	Phospholipid transfer protein C2CD2L	-0.30590814	0.779869397
Q80X81	Acat3	Acetyl-Coenzyme A acetyltransferase 3	0.021242332	-0.014291604
Q80X90	Flnb	Filamin-B	0.336802769	0.455751896
Q80X95	Rraga	Ras-related GTP-binding protein A	-0.441330465	0.395596663
Q80XE1	Ric8b	Synembryn-B	1.200025845	0.1464324
Q80XI4	Pip4k2b	Phosphatidylinositol 5-phosphate 4-kinase type-2 beta	0.218952688	1.044852257

Q80XK6	Atg2b	Autophagy-related protein 2 homolog B	0.09910752	-0.535398165
Q80XN0	Bdh1	D-beta-hydroxybutyrate dehydrogenase, mitochondrial	0.020101833	1.324875673
Q80Y14	Glrx5	Glutaredoxin-related protein 5, mitochondrial	-0.839184348	0.923842112
Q80Y55	Bsdc1	BSD domain-containing protein 1	0.122365316	1.150143981
Q80Y81	Elac2	Zinc phosphodiesterase ELAC protein 2	0.005215804	0.907659849
Q80YA7	Dpp8	Dipeptidyl peptidase 8	0.194452	0.002380848
Q80YA9	Cnksr2	Connector enhancer of kinase suppressor of ras 2	0.473487155	-0.216724555
Q80YD1	Supv3l1	ATP-dependent RNA helicase SUPV3L1, mitochondrial	0.048165735	1.815255006
Q80YN3	Bcas1	Breast carcinoma-amplified sequence 1 homolog	0.003467687	0.363075733
Q80YV4	Pank4	4'-phosphopantetheine phosphatase	0.071705151	0.291451613
Q80YX1	Tnc	Tenascin	-0.417029572	-0.181005319
Q80ZI6	Lrsam1	E3 ubiquitin-protein ligase LRSAM1	0.103596433	0.478055
Q80ZJ1	Rap2a	Ras-related protein Rap-2a	0.960349178	0.26412344
Q80ZJ6	Zer1	Protein zer-1 homolog	-0.24441913	-0.098625978
Q80ZU0	Arl5a	ADP-ribosylation factor-like protein 5A	0.517166074	0.994525274
Q80ZX0	Sec24b	Sec24-related gene family, member B (<i>S. cerevisiae</i>)	0.008097871	0.569176197
Q80ZX8	Spag1	Sperm-associated antigen 1	-0.26020778	0.5914011
Q810A3	Ttc9c	Tetratricopeptide repeat protein 9C	0.149229749	0.261379083
Q810A7	Ddx42	ATP-dependent RNA helicase DDX42	-0.344580396	0.326231639
Q810B6	Ankfy1	Rabankyrin-5	-0.174981531	0.05206426
Q810C1	Slitrk1	SLIT and NTRK-like protein 1	0.529592864	-0.02374649
Q810J8	Zfyve1	Zinc finger FYVE domain-containing protein 1	-0.036912028	0.965298812
Q810U3	Nfasc	Neurofascin	0.103088156	0.352467696
Q811C2	Atg4c	Cysteine protease ATG4C	-2.368456333	-1.077321256
Q811J3	Ireb2	Iron-responsive element-binding protein 2	-0.415608597	-0.20205005
Q811P8	Arhgap32	Rho GTPase-activating protein 32	-0.100567118	-0.53407828
Q8BFP9	Pdk1	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial	1.388220167	-0.00076739
Q8BFQ4	Wdr82	WD repeat-containing protein 82	-0.071194299	-0.19628032
Q8BFQ8	Gatd1	Glutamine amidotransferase-like class 1 domain-containing protein 1	0.039971987	0.042501609
Q8BFR4	Gns	N-acetylglucosamine-6-sulfatase	-0.010961501	-0.198413054
Q8BFR5	Tufm	Elongation factor Tu, mitochondrial	-0.112779299	0.324631055
Q8BFS6	Cpped1	Serine/threonine-protein phosphatase CPPED1	-0.375229073	-0.034481366
Q8BFU3	Rnf214	RING finger protein 214	0.109148916	0.477322896
Q8BFV2	Pcid2	PCI domain-containing protein 2	-0.005099869	0.352238496
Q8BFW7	Lpp	Lipoma-preferred partner homolog	-0.104405403	0.362423102
Q8BFY6	Pef1	Peflin	0.137917709	0.532099088
Q8BFY9	Tnpo1	Transportin-1	0.241189671	0.79087925
Q8BFZ3	Actbl2	Beta-actin-like protein 2	-0.610813459	4.182333151
Q8BFZ9	Erlin2	Erlin-2	1.182799021	0.837165674
Q8BG02	Ppp2r2c	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B gamma isoform	-0.871231778	1.686516672
Q8BG18	Necab1	N-terminal EF-hand calcium-binding protein 1	-0.004554272	0.504945119
Q8BG32	Psmc11	26S proteasome non-ATPase regulatory subunit 11	0.187581507	-0.049268087
Q8BG39	Sv2b	Synaptic vesicle glycoprotein 2B	0.82773908	0.004124959
Q8BG40	Katnb1	Katanin p80 WD40 repeat-containing subunit B1	-0.216057301	0.425825596
Q8BG92	Clvs2	Clavesin-2	0.314795526	1.213814894

Q8BG93	Nudt15	Nucleotide triphosphate diphosphatase NUDT15	-0.887290096	0.225235144
Q8BG95	Ppp1r12b	Protein phosphatase 1 regulatory subunit 12B	0.161867491	1.026614507
Q8BGB7	Enoph1	Enolase-phosphatase E1	-0.081519159	-0.900074323
Q8BGC0	Htatsf1	HIV Tat-specific factor 1 homolog	0.124332205	0.280557315
Q8BGC4	Zadh2	Prostaglandin reductase-3	-0.20078853	0.95217514
Q8BGD8	Coa6	Cytochrome c oxidase assembly factor 6 homolog	0.227926763	0.632167657
Q8BGD9	Eif4b	Eukaryotic translation initiation factor 4B	-0.098432255	0.087754091
Q8BGF0	AW551984	Expressed sequence AW551984	-0.716811975	-0.447520574
Q8BGG7	Ubash3b	Ubiquitin-associated and SH3 domain-containing protein B	0.251265717	1.562318484
Q8BGH2	Samm50	Sorting and assembly machinery component 50 homolog	-0.027670701	1.820824941
Q8BGJ5	Ptbp1	Polypyrimidine tract-binding protein 1	0.896607717	0.634516756
Q8BGN2	D3ErtD751e	UPF0462 protein C4orf33 homolog	-0.108764521	0.277912458
Q8BGQ1	Vipas39	Spermatogenesis-defective protein 39 homolog	-1.161328411	-0.086910407
Q8BGQ7	Aars1	Alanine--tRNA ligase, cytoplasmic	-0.111465263	0.183178902
Q8BGR6	Arl15	ADP-ribosylation factor-like protein 15	0.072501723	0.647528807
Q8BGR9	Ublcp1	Ubiquitin-like domain-containing CTD phosphatase 1	-0.304408805	0.689018567
Q8BGS2	Bola2	Bola-like protein 2	-0.837822628	0.225236098
Q8BGT5	Gpt2	Alanine aminotransferase 2	-0.13554519	0.192231496
Q8BGT6	Micall1	MICAL-like protein 1	-0.076082993	0.652941068
Q8BGT8	Phyhipl	Phytanoyl-CoA hydroxylase-interacting protein-like	-0.149734116	0.383816401
Q8BGU5	Ccny	Cyclin-Y	0.204346307	2.183387756
Q8BGW1	Fto	Alpha-ketoglutarate-dependent dioxygenase FTO	-0.260881805	0.192595641
Q8BGY2	Eif5a2	Eukaryotic translation initiation factor 5A-2	-0.093474197	0.474980036
Q8BGZ1	Hpcal4	Hippocalcin-like protein 4	0.002998606	0.56670475
Q8BGZ7	Krt75	Keratin, type II cytoskeletal 75	-0.054673386	-0.150022507
Q8BH44	Coro2b	Coronin-2B	0.057575448	-0.804594358
Q8BH55	Thnsl1	Threonine synthase-like 1	0.080729612	0.174511115
Q8BH57	Wdr48	WD repeat-containing protein 48	0.05712293	0.123665333
Q8BH58	Tiprl	TIP41-like protein	0.00228459	0.393550873
Q8BH59	Slc25a12	Calcium-binding mitochondrial carrier protein Aralar1	0.289130179	1.49694411
Q8BH61	F13a1	Coagulation factor XIII A chain	0.619049358	0.242031892
Q8BH66	Atl1	Atlastin-1	0.533389409	0.027565161
Q8BH69	Sephs1	Selenide, water dikinase 1	0.210608832	-0.148662408
Q8BH70	Fbxl4	F-box/LRR-repeat protein 4	-3.917089196	-1.997200807
Q8BH80	Vapb	Vesicle-associated membrane protein, associated protein B and C	0.00260458	0.796519121
Q8BH95	Echs1	Enoyl-CoA hydratase, mitochondrial	0.127539221	0.341389497
Q8BHB9	Clic6	Chloride intracellular channel protein 6	0.121612263	0.259355704
Q8BHE3	Atcay	Caytaxin	-0.170726776	0.084390958
Q8BHH2	Rab9b	Ras-related protein Rab-9B	1.070349439	2.964892069
Q8BHI4	Kbtbd3	Kelch repeat and BTB domain-containing protein 3	0.160344156	0.119229635
Q8BHJ5	Tbl1xr1	F-box-like/WD repeat-containing protein TBL1XR1	1.1738259	1.773448865
Q8BHL3	Tbc1d10b	TBC1 domain family member 10B	0.569266129	0.514144739
Q8BHL5	Elmo2	Engulfment and cell motility protein 2	0.082115618	0.51341629
Q8BHL8	Psmf1	Proteasome inhibitor PI31 subunit	0.327966118	-0.781153679
Q8BHN3	Ganab	Neutral alpha-glucosidase AB	0.133228588	0.437770526

Q8BHN7		Uncharacterized protein C12orf29 homolog	-1.140007019	0.203687509
Q8BHS6	Armcx3	Armado repeat-containing X-linked protein 3	0.000464662	0.521597385
Q8BHZ0	Cyria	CYFIP-related Rac1 interactor A	1.400999546	2.485837777
Q8BI08	Mal2	Protein MAL2	0.044056543	-2.496575435
Q8BI72	Cdkn2aip	CDKN2A-interacting protein	-0.328268115	0.399813652
Q8BIF2	Rbfox3	RNA binding protein fox-1 homolog 3	-0.47727677	0.842040539
Q8BIJ6	Iars2	Isoleucine--tRNA ligase, mitochondrial	-0.329563109	0.204429309
Q8BIJ7	Rufy1	RUN and FYVE domain-containing protein 1	-0.488938999	0.026425838
Q8BIP0	Dars2	Aspartate--tRNA ligase, mitochondrial	-0.13123134	1.167041063
Q8BIQ6	Zfp947	Predicted gene, EG210853	0.466498788	0.204500993
Q8BIQ9	Prkag2	5'-AMP-activated protein kinase subunit gamma-2	-0.773742739	0.886057695
Q8BIV3	Ranbp6	Ran-binding protein 6	-0.811003304	0.682578405
Q8BIW1	Prune1	Exopolyphosphatase PRUNE1	-0.066274484	0.216100534
Q8BIZ1	Anks1b	Ankyrin repeat and sterile alpha motif domain-containing protein 1B	0.191554228	-0.203473409
Q8BJ71	Nup93	Nuclear pore complex protein Nup93	0.212963518	-0.285391649
Q8BJH1	Zc2hc1a	Zinc finger C2HC domain-containing protein 1A	-0.228832912	-0.055965583
Q8BJU0	Sgta	Small glutamine-rich tetratricopeptide repeat-containing protein alpha	-0.141247145	0.722181638
Q8BJW6	Eif2a	Eukaryotic translation initiation factor 2A	1.087608624	0.716138124
Q8BJY1	Psmd5	26S proteasome non-ATPase regulatory subunit 5	0.0885547	1.239552339
Q8BK64	Ahsa1	Activator of 90 kDa heat shock protein ATPase homolog 1	-0.080615075	0.292329311
Q8BK67	Rcc2	Protein RCC2	0.314540863	0.064171155
Q8BKC5	Ipo5	Importin-5	-0.06943922	0.359156291
Q8BKG3	Ptk7	Inactive tyrosine-protein kinase 7	0.290457185	-0.855557442
Q8BKP1	Tpd52l2	Tumor protein D54	-0.022621377	-0.434201717
Q8BKR5	Ppp1r37	Protein phosphatase 1 regulatory subunit 37	-1.090636253	-0.285182476
Q8BKY8	Mterf2	Transcription termination factor 2, mitochondrial	0.12603639	0.253593286
Q8BKZ9	Pdhx	Pyruvate dehydrogenase protein X component, mitochondrial	0.291837025	0.173852126
Q8BL65	Ablim2	Actin-binding LIM protein 2	-0.184917132	0.349423885
Q8BL66	Eea1	Early endosome antigen 1	0.015165933	0.30761528
Q8BLF1	Nceh1	Neutral cholesterol ester hydrolase 1	-1.710932954	-0.812528928
Q8BLR2	Cpne4	Copine-4	-0.025202306	0.447949886
Q8BLR9	Hif1an	Hypoxia-inducible factor 1-alpha inhibitor	0.054606088	0.467098236
Q8BLY2	Tars3	Threonine--tRNA ligase 2, cytoplasmic	0.056318537	1.272580783
Q8BM72	Hspa13	Heat shock 70 kDa protein 13	0.514150842	-0.234237989
Q8BMA6	Srp68	Signal recognition particle subunit SRP68	-0.00640281	0.476372878
Q8BMF3	Me3	NADP-dependent malic enzyme, mitochondrial	-0.135707633	-0.240033786
Q8BMF4	Dlat	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial	0.684811115	0.111936092
Q8BMJ2	Lars1	Leucine--tRNA ligase, cytoplasmic	0.370909437	0.777165731
Q8BMJ3	Eif1ax	Eukaryotic translation initiation factor 1A, X-chromosomal	0.114420255	0.523802757
Q8BMS1	Hadha	Trifunctional enzyme subunit alpha, mitochondrial	-0.059902318	0.141976515
Q8BMS9	Rassf2	Ras association domain-containing protein 2	-0.587350623	0.457927704
Q8BN51	Tk2	Thymidine kinase 2, mitochondrial	-0.02887907	0.447208087
Q8BN59	Larp6	La-related protein 6	0.701721064	0.708542903
Q8BNN1	Spata2l	Spermatogenesis-associated protein 2-like protein	0.694874287	0.25734059
Q8BNU0	Armc6	Armado repeat-containing protein 6	-0.004449272	0.088895162

Q8BNW9	Kbtbd11	Kelch repeat and BTB domain-containing protein 11	0.002860387	0.264926434
Q8BNY6	Ncs1	Neuronal calcium sensor 1	0.090812747	0.475630124
Q8BP00	Iqcb1	IQ calmodulin-binding motif-containing protein 1	0.095499579	0.04186511
Q8BP27	Sfr1	Swi5-dependent recombination DNA repair protein 1 homolog	0.215318998	0.788536231
Q8BP40	Acp6	Lysophosphatidic acid phosphatase type 6	0.226416111	0.609262149
Q8BP47	NARS1	Asparagine--tRNA ligase, cytoplasmic	0.021622976	0.383698781
Q8BP48	Metap1	Methionine aminopeptidase 1	-0.538866297	-0.172587077
Q8BP56	Pgghg	Protein-glucosylgalactosylhydroxylysine glucosidase	-0.330820417	0.260459105
Q8BP67	Rpl24	60S ribosomal protein L24	0.44317131	1.162758986
Q8BP92	Rcn2	Reticulocalbin-2	-0.429462592	-0.485616843
Q8BPA8	Dpcd	Protein DPCD	-0.923490938	-1.115410169
Q8BPG6	Sumf2	Inactive C-alpha-formylglycine-generating enzyme 2	-0.671592585	-0.906045437
Q8BPN8	Dmxl2	DmX-like protein 2	0.028433228	0.028101762
Q8BPU7	Elmo1	Engulfment and cell motility protein 1	0.728471279	0.355749766
Q8BQP9	Rgs7bp	Regulator of G-protein signaling 7-binding protein	-1.045146306	1.088516633
Q8BQV2	Chat	Choline O-acetyltransferase	0.738257535	0.962938468
Q8BR63	Fam177a1	Protein FAM177A1	0.350548458	1.214540005
Q8BR90		UPF0600 protein C5orf51 homolog	-0.733008226	1.01380221
Q8BR92	Palm2	Paralemmin-2	0.080664698	0.444057782
Q8BRF7	Scfd1	Sec1 family domain-containing protein 1	0.534486548	1.38579917
Q8BRK8	Prkaa2	5'-AMP-activated protein kinase catalytic subunit alpha-2	0.026793067	-0.866528193
Q8BS40	Cptp	Ceramide-1-phosphate transfer protein	-0.506152185	0.636813482
Q8BSK8	Rps6kb1	Ribosomal protein S6 kinase beta-1	-0.230538591	2.057852268
Q8BSL7	Arf2	ADP-ribosylation factor 2	0.248879147	0.205346743
Q8BSZ2	Ap3s2	AP-3 complex subunit sigma-2	0.274848048	0.882814089
Q8BT60	Cpne3	Copine-3	0.062125492	0.409797986
Q8BTG3	Tcp11l1	T-complex protein 11-like protein 1	0.469493961	1.66875114
Q8BTG7	Ndrp4	Protein NDRG4	0.087691752	0.616393248
Q8BTI8	Srrm2	Serine/arginine repetitive matrix protein 2	-0.397304789	-0.112341722
Q8BTI9	Pik3cb	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit beta isoform	0.247688675	0.644475301
Q8BTR5	Dusp28	Dual specificity phosphatase 28	0.306079578	-0.105065028
Q8BTS4	Nup54	Nuclear pore complex protein Nup54	-0.553299872	-0.647776763
Q8BTU1	Cfap20	Cilia- and flagella-associated protein 20	-1.008282407	-0.241309961
Q8BTV2	Cpsf7	Cleavage and polyadenylation specificity factor subunit 7	0.495920022	-0.491909663
Q8BTW3	Exosc6	Exosome complex component MTR3	0.656770039	0.340975285
Q8BTY1	Kyat1	Kynurenine--oxoglutarate transaminase 1	-0.041560459	0.679425557
Q8BTY8	Scfd2	Sec1 family domain-containing protein 2	-0.109877268	0.788179954
Q8BTZ7	Gmppb	Mannose-1-phosphate guanylttransferase beta	0.050008106	0.225201607
Q8BU30	Iars1	Isoleucine--tRNA ligase, cytoplasmic	0.342742856	-2.303542147
Q8BU31	Rap2c	Ras-related protein Rap-2c	0.51945672	0.301744143
Q8BUK6	Hook3	Protein Hook homolog 3	0.284744008	0.448263963
Q8BUY8	Gprasp2	G-protein coupled receptor-associated sorting protein 2	0.432216422	0.369824648
Q8BV13	Cops7b	COP9 signalosome complex subunit 7b	0.620962207	-0.281792641
Q8BVG4	Dpp9	Dipeptidyl peptidase 9	0.330816619	-0.28583622
Q8BVI4	Qdpr	Dihydropteridine reductase	-0.224942843	0.537818909

Q8BVL3	Snx17	Sorting nexin-17	-0.298909632	-0.3445762
Q8BVQ5	Ppme1	Protein phosphatase methylesterase 1	-0.105286312	0.218147119
Q8BVU5	Nudt9	ADP-ribose pyrophosphatase, mitochondrial	-0.351451524	-0.456127961
Q8BW22	Ss18l1	Calcium-responsive transactivator	0.303496726	0.887789965
Q8BW86	Arhgef33	Rho guanine nucleotide exchange factor 33	-1.105587228	0.273666064
Q8BW96	Camk1d	Calcium/calmodulin-dependent protein kinase type 1D	-0.372634029	-0.114926497
Q8BWF0	Aldh5a1	Succinate-semialdehyde dehydrogenase, mitochondrial	-0.16963431	0.051366488
Q8BWP8	B4gat1	Beta-1,4-glucuronyltransferase 1	-0.001312733	0.299232642
Q8BWQ6	Vps35l	VPS35 endosomal protein-sorting factor-like	-0.016478825	-1.181271712
Q8BWR2	Pithd1	PITH domain-containing protein 1	-0.175303586	0.335299174
Q8BWS5	Gprin3	G protein-regulated inducer of neurite outgrowth 3	0.318308417	0.396136443
Q8BWT1	Acaa2	3-ketoacyl-CoA thiolase, mitochondrial	-0.096791172	0.782644749
Q8BWT5	Dip2a	Disco-interacting protein 2 homolog A	-0.308169397	-0.340144793
Q8BWW3	Pgm3	Phosphoacetylglucosamine mutase	-0.134230487	0.31534481
Q8BWY3	Etf1	Eukaryotic peptide chain release factor subunit 1	0.477100436	0.728235722
Q8BWY4	Mblac1	Metallo-beta-lactamase domain-containing protein 1	-0.131287225	0.625902494
Q8BWZ3	Naa25	N-alpha-acetyltransferase 25, NatB auxiliary subunit	-0.117849223	-0.296561718
Q8BX02	Kank2	KN motif and ankyrin repeat domain-containing protein 2	0.363099257	0.312647661
Q8BX70	Vps13c	Vacuolar protein sorting-associated protein 13C	-0.022667726	0.899317582
Q8BX94	Osbpl2	Oxysterol-binding protein-related protein 2	-0.461566703	0.04561917
Q8BXC6	Commd2	COMM domain-containing protein 2	-0.127258428	-0.103215694
Q8BXN7	Ppm1k	Protein phosphatase 1K, mitochondrial	-0.54669536	1.341994603
Q8BXR9	Osbpl6	Oxysterol-binding protein-related protein 6	0.387300968	0.793394645
Q8BYA0	Tbcd	Tubulin-specific chaperone D	-0.149177933	-0.169558843
Q8BYH7	Tbc1d17	TBC1 domain family member 17	-0.015610917	0.259803931
Q8BYI9	Tnr	Tenascin-R	-0.135923958	0.034891446
Q8BYK6	Ythdf3	YTH domain-containing family protein 3	0.079560089	0.605550607
Q8BYM8	Cars2	Probable cysteine--tRNA ligase, mitochondrial	-0.900481447	0.684776306
Q8BYN3	Itpk1	Inositol-tetrakisphosphate 1-kinase	0.194605128	-0.473605951
Q8BYW1	Arhgap25	Rho GTPase-activating protein 25	0.465131124	-0.568192164
Q8BYW9	Eogt	EGF domain-specific O-linked N-acetylglucosamine transferase	-0.305868085	-0.140700976
Q8BYY4	Ttc39b	Tetratricopeptide repeat protein 39B	0.137214661	-0.494461536
Q8BZ98	Dnm3	Dynamin-3	-0.495233472	-0.289961338
Q8BZA9	Tigar	Fructose-2,6-bisphosphatase TIGAR	-0.814181964	-0.432661057
Q8BZB2	Ppcdc	Phosphopantothenoylcysteine decarboxylase	-0.126968384	1.334772905
Q8BZF8	Pgm5	Phosphoglucomutase-like protein 5	0.110592079	0.653280258
Q8BZM1	Glmn	Glomulin	0.016647212	1.589565754
Q8BZQ7	Anapc2	Anaphase-promoting complex subunit 2	3.799725056	1.666471799
Q8BZR6	Tom1l1	TOM1-like protein 1	-0.535867532	0.543732643
Q8BZW8	Nhlrc2	NHL repeat-containing protein 2	-0.025385157	0.471206506
Q8BZZ3	Wwp1	NEDD4-like E3 ubiquitin-protein ligase WWP1	0.078899542	0.052646478
Q8C033	Arhgef10	Rho guanine nucleotide exchange factor 10	-0.466099644	1.083836953
Q8C050	Rps6ka5	Ribosomal protein S6 kinase alpha-5	-0.369280497	0.035712083
Q8C052	Map1s	Microtubule-associated protein 1S	0.783590094	-0.196927547
Q8C078	Camkk2	Calcium/calmodulin-dependent protein kinase kinase 2	-0.094486078	0.135866324
Q8C079	Strip1	Striatin-interacting protein 1	-0.456082821	0.28748099

Q8C080	Snx16	Sorting nexin-16	0.485235087	0.780821164
Q8C0D5	Efl1	Elongation factor-like GTPase 1	-0.21337862	-0.37327973
Q8C0E2	Vps26b	Vacuolar protein sorting-associated protein 26B	-0.03842446	-0.141214212
Q8C0J2	Atg16l1	Autophagy-related protein 16-1	0.173893007	0.357227484
Q8C0L6	Paox	Peroxisomal N(1)-acetyl-spermine/spermidine oxidase	-0.072026189	0.20812877
Q8C0L9	Gpcpd1	Glycerophosphocholine phosphodiesterase GPCPD1	0.069943619	-0.147298336
Q8C0M9	Asrgl1	Isoaspartyl peptidase/L-asparaginase	-0.318671354	0.244773547
Q8C0P5	Coro2a	Coronin-2A	0.183656089	-0.139715513
Q8C0Y0	Ppp4r4	Serine/threonine-protein phosphatase 4 regulatory subunit 4	-0.250545406	-1.220035175
Q8C166	Cpne1	Copine-1	-0.072697862	0.032712142
Q8C167	Prepl	Prolyl endopeptidase-like	-0.114505895	0.349875609
Q8C1Y8	Ccz1	Vacuolar fusion protein CCZ1 homolog	-0.56908954	0.542846243
Q8C2E7	Washc5	WASH complex subunit 5	-0.731758118	-0.184702237
Q8C2Q3	Rbm14	RNA-binding protein 14	0.078797563	-0.005248388
Q8C2Q8	Atp5c1	ATP synthase subunit gamma	0.317393716	0.815160751
Q8C3I8	Hgh1	Protein HGH1 homolog	0.15349261	0.587465763
Q8C3W1		Uncharacterized protein C1orf198 homolog	0.436323166	0.687178453
Q8C419	Gpr158	Probable G-protein coupled receptor 158	0.42585001	0.363578637
Q8C460	Eri3	ERI1 exoribonuclease 3	0.232151572	1.042383353
Q8C4B4	Unc119b	Protein unc-119 homolog B	0.547692839	1.860544523
Q8C4Q6	Aida	Axin interactor, dorsalization-associated protein	0.517901198	-0.315965494
Q8C522	Endod1	Endonuclease domain-containing 1 protein	-0.203235086	0.610269388
Q8C547	Heatr5b	HEAT repeat-containing protein 5B	-0.054802163	-0.202531179
Q8C570	Rae1	mRNA export factor	0.259538905	-0.079579035
Q8C5H8	Nadk2	NAD kinase 2, mitochondrial	-0.107414532	0.296300252
Q8C5K5		Uncharacterized protein CXorf38 homolog	-1.560977586	0.141998927
Q8C5P7	Tdrp	Testis development-related protein	0.782183997	1.05349652
Q8C5W0	Clmn	Calmin	-0.168809827	0.329178492
Q8C5W3	Tbcel	Tubulin-specific chaperone cofactor E-like protein	0.006645393	-0.384305318
Q8C605	Pfkip	ATP-dependent 6-phosphofructokinase	-0.178648822	-0.002505302
Q8C6B0	Mettl7a1	Methyltransferase-like 7A1	0.466946475	-0.358151505
Q8C6B2	Rtkn	Rhotekin	0.011434873	0.10260884
Q8C6E0	Cfap36	Cilia- and flagella-associated protein 36	-0.286559232	0.198441664
Q8C729	Fam126b	Protein FAM126B	0.343119367	0.988874912
Q8C754	Vps52	Vacuolar protein sorting-associated protein 52 homolog	-0.35836455	-2.918374976
Q8C788	Snx18	Sorting nexin	-0.103353691	1.95364809
Q8C7D2	Crbn	Protein cereblon	-0.236252117	0.056039174
Q8C7E4	Rnase4	Ribonuclease 4	-0.075614675	0.890564124
Q8C845	Efhd2	EF-hand domain-containing protein D2	-0.081234423	0.198036194
Q8C854	Myef2	Myelin expression factor 2	0.478128242	-0.238602797
Q8C863	Itch	E3 ubiquitin-protein ligase Itchy	-0.662436517	-1.288058678
Q8C878	Uba3	NEDD8-activating enzyme E1 catalytic subunit	-0.080610275	0.349834442
Q8C8N2	Scai	Protein SCAI	-0.105301189	0.414747715
Q8C8T8	Tsr2	Pre-rRNA-processing protein TSR2 homolog	0.364516449	0.628343423
Q8CA72	Gan	Gigaxonin	0.203093942	0.373336951
Q8CAA7	Pgm2l1	Glucose 1,6-bisphosphate synthase	-0.094875717	0.2136844

Q8CAB8	Castor2	Cytosolic arginine sensor for mTORC1 subunit 2	-0.090663083	0.209300995
Q8CAK1	Iba57	Putative transferase CAF17 homolog, mitochondrial	-0.015131219	0.631553332
Q8CAK3	Shfl	Shiftless antiviral inhibitor of ribosomal frameshifting protein homolog	0.071394094	0.526209195
Q8CAQ8	Immt	MICOS complex subunit Mic60	0.3687452	0.692931811
Q8CAY6	Acat2	Acetyl-CoA acetyltransferase, cytosolic	-0.145860736	0.122007688
Q8CB27	Yod1	Ubiquitin thioesterase OTU1	0.94323225	-0.357859453
Q8CBC8	Bcat1	Branched-chain-amino-acid aminotransferase	-0.25806516	0.605383873
Q8CBE3	Wdr37	WD repeat-containing protein 37	0.113282077	0.255950133
Q8CBY8	Dctn4	Dynactin subunit 4	0.101091925	0.487111092
Q8CC21	Ttc19	Tetratricopeptide repeat protein 19, mitochondrial	0.560514005	-0.325310548
Q8CC86	Naprt	Nicotinate phosphoribosyltransferase	-0.105428664	0.86686182
Q8CC88	Vwa8	von Willebrand factor A domain-containing protein 8	0.126666164	-0.926846186
Q8CCB4	Vps53	Vacuolar protein sorting-associated protein 53 homolog	0.035052872	0.079567432
Q8CCF0	Prpf31	U4/U6 small nuclear ribonucleoprotein Prp31	-1.05769186	-0.173776309
Q8CCP0	Nemf	Nuclear export mediator factor Nemf	-1.042628765	0.816792965
Q8CCT4	Tceal5	Transcription elongation factor A protein-like 5	-0.294230747	0.219264984
Q8CD19	Lancl3	LanC-like protein 3	0.953286076	0.415565968
Q8CD92	Ttc27	Tetratricopeptide repeat protein 27	0.758433119	0.379905383
Q8CDA1	Inpp5f	Phosphatidylinositol phosphatase SAC2	0.063158258	0.4544185
Q8CDM8	Fam160b1	Protein FAM160B1	0.268674469	0.028145631
Q8CE50	Snx30	Sorting nexin-30	-0.039411418	0.50533088
Q8CE90	Map2k7	Dual specificity mitogen-activated protein kinase kinase 7	-1.499874369	1.29652818
Q8CF66	Lamtor4	Ragulator complex protein LAMTOR4	0.177798208	1.192450841
Q8CF89	Tab1	TGF-beta-activated kinase 1 and MAP3K7-binding protein 1	-0.124369685	0.435895602
Q8CFR5	Dtna	Dystrobrevin	-0.017016792	0.432409922
Q8CFV9	Rfk	Riboflavin kinase	-0.450981331	-0.356180509
Q8CG72	Adprs	ADP-ribose glycohydrolase ARH3	-0.414118512	1.12614584
Q8CG76	Akr7a2	Aflatoxin B1 aldehyde reductase member 2	-0.118587112	0.170492808
Q8CGA0	Ppm1f	Protein phosphatase 1F	-0.163475037	0.230916818
Q8CGC7	Eprs1	Bifunctional glutamate/proline--tRNA ligase	-0.086045043	-0.009633541
Q8CGF6	Wdr47	WD repeat-containing protein 47	0.014553897	0.108405908
Q8CGK3	Lonp1	Lon protease homolog, mitochondrial	-0.155716515	0.30804348
Q8CGP0	H2bu1	Histone H2B type 3-B	0.361374029	1.818208059
Q8CGV2	Tph2	Tryptophan 5-hydroxylase 2	-0.874079227	0.368160089
Q8CGY8	Ogt	UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110 kDa subunit	0.120527617	0.374338786
Q8CH02	Sugp1	SURP and G-patch domain-containing protein 1	0.998266474	-0.214963913
Q8CH18	Ccar1	Cell division cycle and apoptosis regulator protein 1	-0.33401432	-0.896574815
Q8CH72	Trim32	E3 ubiquitin-protein ligase TRIM32	-0.015533606	0.488903046
Q8CHP5	Pym1	Partner of Y14 and mago	0.386111387	-0.785372893
Q8CHP8	Pgp	Glycerol-3-phosphate phosphatase	-0.080153529	0.545369784
Q8CHQ0	Fbxo4	F-box only protein 4	-0.164615059	0.110329946
Q8CHS8	Vps37a	Vacuolar protein sorting-associated protein 37A	0.591400464	-0.20203495
Q8CHT0	Aldh4a1	Delta-1-pyrroline-5-carboxylate dehydrogenase, mitochondrial	-0.232975578	-0.052076181
Q8CHU3	Epn2	Epsin-2	0.153995482	0.550879161
Q8CHW4	Eif2b5	Translation initiation factor eIF-2B subunit epsilon	0.399991385	0.513252258

Q8CHX7	Rftn2	Raftlin-2	-0.132441648	0.668132782
Q8CHY3	Dym	Dymeclin	-0.185787837	0.525414467
Q8CI32	Bag5	BAG family molecular chaperone regulator 5	0.030359936	0.00157245
Q8CI43	Myl6b	Myosin light chain 6B	0.650672754	-1.584209919
Q8CI51	Pdlim5	PDZ and LIM domain protein 5	0.205829334	-0.198307673
Q8CI61	Bag4	BAG family molecular chaperone regulator 4	-0.154522419	0.268816789
Q8CI70	Lrrc20	Leucine-rich repeat-containing protein 20	-0.143248272	-0.898879051
Q8CI71	Vps50	Syndetin	0.43571043	1.072530746
Q8CI75	Dis3l2	DIS3-like exonuclease 2	-0.090810776	-0.324402968
Q8CI94	Pygb	Glycogen phosphorylase, brain form	-0.342697525	0.088403384
Q8CIB5	Fermt2	Fermitin family homolog 2	-0.306264559	0.23811388
Q8CIH9	Ppat	Amidophosphoribosyltransferase	-0.083696651	-0.256107648
Q8CII2	Cdc123	Cell division cycle protein 123 homolog	-0.151696841	0.499389489
Q8CIN4	Pak2	Serine/threonine-protein kinase PAK 2	0.085457007	0.568425814
Q8CIV8	Tbce	Tubulin-specific chaperone E	-0.180818272	-0.070213954
Q8CJ40	Crocc	Rootletin	1.586733532	1.126062075
Q8CJG0	Ago2	Protein argonaute-2	0.846697776	0.275514603
Q8JZK9	Hmgcs1	Hydroxymethylglutaryl-CoA synthase, cytoplasmic	-0.128525925	0.747345765
Q8JZL3	Thtpa	Thiamine-triphosphatase	-0.215628783	-0.123932362
Q8JZM7	Cdc73	Parafibromin	0.6394859	-0.067053795
Q8JZN5	Acad9	Complex I assembly factor ACAD9, mitochondrial	-0.170466455	0.302189986
Q8JZP2	Syn3	Synapsin-3	0.209610844	0.197952429
Q8JZQ2	Afg3l2	AFG3-like protein 2	0.608994675	1.011293093
Q8JZQ9	Eif3b	Eukaryotic translation initiation factor 3 subunit B	0.020618661	-0.030973434
Q8JZR2	Crk	Adapter molecule crk	-0.054295286	1.276694854
Q8JZS0	Lin7a	Protein lin-7 homolog A	0.032500076	0.202963829
Q8JZW4	Cpne5	Copine-5	-0.225939655	0.689935843
Q8JZW5	Sh2d5	SH2 domain-containing protein 5	-0.253377628	1.004168193
Q8JZX4	Rbm17	Splicing factor 45	-1.199905841	0.311106841
Q8JZX9	Cdc42ep2	Cdc42 effector protein 2	0.933548641	0.569840193
Q8JZZ5	Pitpnb	Phosphatidylinositol transfer protein beta isoform	-0.18499279	0.639811993
Q8K004	Spata2	Spermatogenesis-associated protein 2	0.301771164	-0.605805477
Q8K010	Oplah	5-oxoprolinase	-0.148788452	0.143495242
Q8K070	Samd14	Sterile alpha motif domain-containing protein 14	-0.257280858	0.743020217
Q8K0C9	Gmds	GDP-mannose 4,6 dehydratase	-0.152428786	0.412470182
Q8K0D5	Gfm1	Elongation factor G, mitochondrial	-0.07172486	0.626548449
Q8K0E8	Fgb	Fibrinogen beta chain	0.306364409	1.24892664
Q8K0G5	Eipr1	EARP and GARP complex-interacting protein 1	-0.052587891	0.070620537
Q8K0S0	Phyhip	Phytanoyl-CoA hydroxylase-interacting protein	-0.176099714	0.050858816
Q8K0T0	Rtn1	Reticulon-1	0.009141699	0.421490987
Q8K0T4	Katnal1	Katanin p60 ATPase-containing subunit A-like 1	0.225892131	0.916118781
Q8K0U4	Hspa12a	Heat shock 70 kDa protein 12A	0.005013021	0.120767593
Q8K0V4	Cnot3	CCR4-NOT transcription complex subunit 3	0.356858571	0.00236702
Q8K0X8	Fez1	Fasciculation and elongation protein zeta-1	0.779892763	0.785654863
Q8K0Z7	Taco1	Translational activator of cytochrome c oxidase 1	0.21195701	0.430428505
Q8K124	Plekho2	Pleckstrin homology domain-containing family O member 2	0.862951597	0.768147469

Q8K157	Galm	Galactose mutarotase	-0.101082993	0.504035791
Q8K183	Pdxk	Pyridoxal kinase	-0.357738177	-0.069083214
Q8K1J6	Trnt1	CCA tRNA nucleotidyltransferase 1, mitochondrial	0.06977307	0.223182519
Q8K1M6	Dnm1l	Dynamin-1-like protein	-0.104074923	0.146929423
Q8K1R3	Pnpt1	Polyribonucleotide nucleotidyltransferase 1, mitochondrial	-0.696231842	-0.304948966
Q8K1R7	Nek9	Serine/threonine-protein kinase Nek9	0.012953377	0.266138077
Q8K1Z0	Coq9	Ubiquinone biosynthesis protein COQ9, mitochondrial	-0.008801937	0.675560474
Q8K212	Pacs1	Phosphofurin acidic cluster sorting protein 1	0.02344443	0.370788415
Q8K215	Lym4	LYR motif-containing protein 4	-0.083842119	-0.278153578
Q8K268	Abcf3	ATP-binding cassette sub-family F member 3	0.832872327	-1.727993965
Q8K274	Fn3krp	Ketosamine-3-kinase	-0.001858075	0.22122256
Q8K298	Anln	Anillin	0.148200353	1.345070521
Q8K2B3	Sdha	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial	0.076145299	0.288562775
Q8K2C6	Sirt5	NAD-dependent protein deacylase sirtuin-5, mitochondrial	-0.542811807	0.502058824
Q8K2C9	Hacd3	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 3	0.657298628	0.462436676
Q8K2D3	Edc3	Enhancer of mRNA-decapping protein 3	-0.266074371	0.851089001
Q8K2D8	Fibp	Acidic fibroblast growth factor intracellular-binding protein	-1.013722388	0.466014703
Q8K2F8	Lsm14a	Protein LSM14 homolog A	-0.629163965	-0.093486627
Q8K2I1	Fntb	Protein farnesyltransferase subunit beta	0.103578758	0.406298637
Q8K2L8	Trappc12	Trafficking protein particle complex subunit 12	-0.17356898	1.078652859
Q8K2P6	Rfcsd	Rieske domain-containing protein	0.283133666	0.290521781
Q8K2Q7	Brox	BRO1 domain-containing protein BROX	-0.042364375	0.675657113
Q8K2Q9	Shtn1	Shootin-1	0.330892245	0.290789604
Q8K2T8	Paf1	RNA polymerase II-associated factor 1 homolog	-1.156661844	0.643885692
Q8K2V6	Ipo11	Importin-11	0.062808132	-0.734014988
Q8K310	Matr3	Matrin-3	-0.012857087	0.189569155
Q8K337	Inpp5b	Type II inositol 1,4,5-trisphosphate 5-phosphatase	-0.457377497	-0.015350342
Q8K341	Atat1	Alpha-tubulin N-acetyltransferase 1	-0.025021458	1.110980352
Q8K354	Cbr3	Carbonyl reductase [NADPH] 3	-0.086393197	0.497793198
Q8K356	Ly6h	Lymphocyte antigen 6 complex, locus H	0.593301519	1.183066368
Q8K382	Dennd1a	DENN domain-containing protein 1A	-1.521039486	-0.61286815
Q8K394	Plcl2	Inactive phospholipase C-like protein 2	-0.25971489	0.348484516
Q8K3C3	Lzic	Protein LZIC	0.10966905	-0.213016033
Q8K3G9	Appl2	DCC-interacting protein 13-beta	-0.132514699	0.354853471
Q8K3H0	Appl1	DCC-interacting protein 13-alpha	0.059927622	-0.010603269
Q8K3K8	Optn	Optineurin	-1.891958046	0.312669436
Q8K3P0	Sdr9c7	Short-chain dehydrogenase/reductase family 9C member 7	-0.770282968	1.445872227
Q8K3W0	Babam2	BRIS and BRCA1-A complex member 2	-0.236654727	0.970631917
Q8K3X4	Irf2bpl	Probable E3 ubiquitin-protein ligase IRF2BPL	0.657615948	0.875715017
Q8K406	Lgi3	Leucine-rich repeat LGI family member 3	-0.902065404	0.649775187
Q8K411	Pitrm1	Presequence protease, mitochondrial	-0.359428183	0.424261252
Q8K4F5	Abhd11	Protein ABHD11	-0.258556016	0.208482901
Q8K4M5	Comm1d	COMM domain-containing protein 1	-0.932910283	-0.06341966
Q8K4R4	Pitpnc1	Cytoplasmic phosphatidylinositol transfer protein 1	-0.013973999	0.518194675
Q8K4Z3	Naxe	NAD(P)H-hydrate epimerase	-0.223296293	0.389488856

Q8K4Z5	Sf3a1	Splicing factor 3A subunit 1	-0.033933957	-0.244813919
Q8K596	Slc8a2	Sodium/calcium exchanger 2	0.771301301	1.341629028
Q8N7N5	Dcaf8	DDB1- and CUL4-associated factor 8	-0.411174806	0.234188239
Q8QZR5	Gpt	Alanine aminotransferase 1	-0.06228714	0.063066483
Q8QZS1	Hibch	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial	-0.262197336	0.287148794
Q8QZT1	Acat1	Acetyl-CoA acetyltransferase, mitochondrial	-0.003321012	-0.092624029
Q8QZT2	Ccsap	Centriole, cilia and spindle-associated protein	0.502982871	-0.013242881
Q8QZV4	Stk32c	Serine/threonine-protein kinase 32C	0.097459857	0.032892227
Q8QZY1	Eif3l	Eukaryotic translation initiation factor 3 subunit L	-0.044376882	0.177191257
Q8QZY9	Sf3b4	Splicing factor 3B subunit 4	0.655044715	1.229158719
Q8R010	Aimp2	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2	1.686579593	-0.051557779
Q8R016	Blmh	Bleomycin hydrolase	0.006238015	-0.130881945
Q8R050	Gspt1	Eukaryotic peptide chain release factor GTP-binding subunit ERF3A	-0.065550709	0.161916256
Q8R059	Gale	UDP-glucose 4-epimerase	-0.013177077	0.137655735
Q8R071	Itpka	Inositol-trisphosphate 3-kinase A	-0.156593672	-0.25872612
Q8R086	Suox	Sulfite oxidase, mitochondrial	0.069276301	0.12142849
Q8R0A0	Gtf2f2	General transcription factor IIF subunit 2	-1.685119851	-0.914644082
Q8R0F6	Ilkap	Integrin-linked kinase-associated serine/threonine phosphatase 2C	-0.085875448	0.13191398
Q8R0F8	Fahd1	Acylpyruvase FAHD1, mitochondrial	-0.30597194	-0.236639659
Q8R0H9	Gga1	ADP-ribosylation factor-binding protein GGA1	-0.184040546	0.427615643
Q8R0Y6	Aldh1l1	Cytosolic 10-formyltetrahydrofolate dehydrogenase	-0.187041283	-0.125972748
Q8R104	Sirt3	NAD-dependent protein deacetylase sirtuin-3	0.434025987	-0.452869892
Q8R123	Flad1	FAD synthase	-0.131472588	0.148158391
Q8R124	Klhl36	Kelch-like protein 36	0.310830243	0.911561966
Q8R127	Sccpdh	Saccharopine dehydrogenase-like oxidoreductase	0.164060497	1.114615758
Q8R151	Znfx1	NFX1-type zinc finger-containing protein 1	-0.986621698	0.342249076
Q8R164	Bphl	Valacyclovir hydrolase	-0.174298477	0.510542552
Q8R180	Ero1a	ERO1-like protein alpha	0.424495029	-0.004249414
Q8R191	Syng3	Synaptogyrin-3	0.495824909	0.489670595
Q8R1B0	Stac2	SH3 and cysteine-rich domain-containing protein 2	-0.148241297	0.682179769
Q8R1B4	Eif3c	Eukaryotic translation initiation factor 3 subunit C	-0.170407645	-0.090592066
Q8R1F1	Niban2	Protein Niban 2	0.41926225	-0.441527843
Q8R1F6	Hid1	Protein HID1	0.012881438	0.739973863
Q8R1G2	Cmb1	Carboxymethylenebutenolide homolog	-0.38439846	0.322692235
Q8R1N4	Nudcd3	NudC domain-containing protein 3	0.124280357	0.348981857
Q8R1Q8	Dync1li1	Cytoplasmic dynein 1 light intermediate chain 1	0.039755185	0.115817865
Q8R1Q9	Rbks	Ribokinase	-1.069792112	0.684732755
Q8R1R3	Stard7	StAR-related lipid transfer protein 7, mitochondrial	-0.3581508	0.520936966
Q8R1T1	Chmp7	Charged multivesicular body protein 7	0.002932326	0.734620094
Q8R1X6	Spart	Spartin	0.058260155	1.057812691
Q8R238	Sdsl	Serine dehydratase-like	0.080168152	2.272026539
Q8R242	Ctbs	Di-N-acetylchitinase	1.605978028	2.477790435
Q8R2H9	Phospho1	Phosphoethanolamine/phosphocholine phosphatase	0.007987404	0.348694801
Q8R2K3	Ssbp1	Single-stranded DNA-binding protein, mitochondrial	0.541190561	0.875566959
Q8R2Q0	Trim29	Tripartite motif-containing protein 29	-0.596175575	-1.224279404

Q8R2R3	Aagab	Alpha- and gamma-adaptin-binding protein p34	-0.07053016	0.40758419
Q8R2R9	Ap3m2	AP-3 complex subunit mu-2	-0.105444908	0.050539017
Q8R2U0	Seh1l	Nucleoporin SEH1	0.024672381	-0.893491586
Q8R2U6	Nudt4	Diphosphoinositol polyphosphate phosphohydrolase 2	-0.119299539	0.294368744
Q8R2Y2	Mcam	Cell surface glycoprotein MUC18	-0.786964766	1.325664043
Q8R307	Vps18	Vacuolar protein sorting-associated protein 18 homolog	0.589009031	0.272706191
Q8R317	Ubqln1	Ubiquilin-1	-0.16323398	0.564133326
Q8R326	Pspc1	Paraspeckle component 1	0.526135953	0.167268912
Q8R332	Nup58	Nucleoporin p58/p45	1.945273336	3.000532468
Q8R349	Cdc16	Cell division cycle protein 16 homolog	-0.597811476	-0.101898829
Q8R366	Igsf8	Immunoglobulin superfamily member 8	0.268263594	0.353216966
Q8R3C0	Mcmbp	Mini-chromosome maintenance complex-binding protein	-0.328615824	0.947628975
Q8R3D1	Tbc1d13	TBC1 domain family member 13	0.0699687	0.066681385
Q8R3E3	Wipi1	WD repeat domain phosphoinositide-interacting protein 1	-0.016462421	-0.406279405
Q8R3F5	Mcat	Malonyl-CoA-acyl carrier protein transacylase, mitochondrial	0.762881978	0.32626311
Q8R3H9	Ttc4	Tetratricopeptide repeat protein 4	0.20430212	0.138894081
Q8R3P0	Aspa	Aspartoacylase	0.029443963	0.597601255
Q8R3R8	Gabarapl1	Gamma-aminobutyric acid receptor-associated protein-like 1	0.239139811	-0.162152926
Q8R3V5	Sh3glb2	Endophilin-B2	1.615563679	-0.437187513
Q8R3W2	0610009B22Rik	RIKEN cDNA 0610009B22 gene	-0.41176974	0.682080746
Q8R429	Atp2a1	Sarcoplasmic/endoplasmic reticulum calcium ATPase 1	0.64828585	2.47030735
Q8R464	Cadm4	Cell adhesion molecule 4	-0.388210042	-0.1472435
Q8R480	Nup85	Nuclear pore complex protein Nup85	-0.121883202	-0.428246816
Q8R4N0	Clybl	Citramalyl-CoA lyase, mitochondrial	-0.15930481	0.488135179
Q8R4S0	Ppp1r14c	Protein phosphatase 1 regulatory subunit 14C	0.091178068	-0.616526127
Q8R4U7	Luzp1	Leucine zipper protein 1	-0.645433521	0.448566119
Q8R4X3	Rbm12	RNA-binding protein 12	0.199666087	-0.1069959
Q8R550	Sh3kbp1	SH3 domain-containing kinase-binding protein 1	0.035692533	-0.192720095
Q8R554	Otud7a	OTU domain-containing protein 7A	0.464116891	0.448504289
Q8R570	Snap47	Synaptosomal-associated protein 47	0.149373086	0.183420022
Q8R574	Prpsap2	Phosphoribosyl pyrophosphate synthase-associated protein 2	0.108938662	-0.351229986
Q8R5A3	Apbb1ip	Amyloid beta A4 precursor protein-binding family B member 1-interacting protein	0.824045086	0.77036794
Q8R5A6	Tbc1d22a	TBC1 domain family member 22A	-1.471911605	0.27564923
Q8R5C5	Actr1b	Beta-centractin	0.637362989	0.12872982
Q8R5H1	Usp15	Ubiquitin carboxyl-terminal hydrolase 15	-0.074866962	0.297751427
Q8R5H6	Wasf1	Wiskott-Aldrich syndrome protein family member 1	0.020515124	-0.36484321
Q8R5I6	Gstm4	Glutathione S-transferase Mu 4	0.398007902	0.680769285
Q8R5J9	Arl6ip5	PRA1 family protein 3	0.09853878	-0.156041463
Q8VBT9	Aspscr1	Tether containing UBX domain for GLUT4	-0.150788562	0.068645477
Q8VBV7	Cops8	COP9 signalosome complex subunit 8	-1.075989278	-1.106131554
Q8VBY2	Camkk1	Calcium/calmodulin-dependent protein kinase kinase 1	-0.106699467	0.243233045
Q8VC88	Gca	Grancalcin	0.075254122	0.410122077
Q8VCA8	Scrn2	Secernin-2	-0.663048426	-0.456105391
Q8VCC9	Spon1	Spondin-1	-0.962943236	-0.516453584
Q8VCE6	Nt5m	5'(3')-deoxyribonucleotidase, mitochondrial	0.08516407	0.380611579

Q8VCG1	Dut	Deoxyuridine 5'-triphosphate nucleotidohydrolase	0.211456712	0.43898042
Q8VCI5	Pex19	Peroxisomal biogenesis factor 19	0.355650171	-0.078274568
Q8VCN5	Cth	Cystathionine gamma-lyase	0.3220143	-0.098072052
Q8VCR4	Trmt112	Multifunctional methyltransferase subunit TRM112-like protein	-0.32671601	0.646141688
Q8VCT3	Rnpep	Aminopeptidase B	-0.066480319	0.194350402
Q8VCW8	Acsf2	Medium-chain acyl-CoA ligase ACSF2, mitochondrial	-0.255444717	0.273453712
Q8VD33	Sgtb	Small glutamine-rich tetratricopeptide repeat-containing protein beta	0.022876485	0.155180454
Q8VD37	Sgip1	SH3-containing GRB2-like protein 3-interacting protein 1	-0.061391608	0.036458333
Q8VD62	Bles03	UPF0696 protein C11orf68 homolog	0.076718807	0.212815762
Q8VD63	Tspyl4	Testis-specific Y-encoded-like protein 4	-1.43747584	1.593574206
Q8VD65	Pik3r4	Phosphoinositide 3-kinase regulatory subunit 4	0.497967307	0.132773161
Q8VD75	Hip1	Huntingtin-interacting protein 1	-0.248626073	-0.867031654
Q8VDC0	Lars2	Probable leucine--tRNA ligase, mitochondrial	0.157423306	1.229387124
Q8VDD5	Myh9	Myosin-9	-0.134419982	0.251080354
Q8VDD8	Washc1	WASH complex subunit 1	-0.271800518	0.976522128
Q8VDG5	Ppcs	Phosphopantothenate--cysteine ligase	0.093712552	-0.228953362
Q8VDH1	Fbxo21	F-box only protein 21	0.022930908	0.262555917
Q8VDI7	Ubac1	Ubiquitin-associated domain-containing protein 1	-0.387068876	0.500991503
Q8VDJ3	Hdlbp	Vigilin	-0.006914139	0.07251056
Q8VDK1	Nit1	Deaminated glutathione amidase	-0.327186044	0.521464348
Q8VDM4	Psmc2	26S proteasome non-ATPase regulatory subunit 2	0.07387689	0.036984762
Q8VDM6	Hnrnpul1	Heterogeneous nuclear ribonucleoprotein U-like protein 1	-0.78108689	-0.635503292
Q8VDN2	Atp1a1	Sodium/potassium-transporting ATPase subunit alpha-1	0.193309625	0.376791636
Q8VDP3	Mical1	[F-actin]-monooxygenase MICAL1	0.040965652	1.406604449
Q8VDP4	Ccar2	Cell cycle and apoptosis regulator protein 2	-0.155519231	-0.067056815
Q8VDQ1	Ptgr2	Prostaglandin reductase 2	-0.096980063	0.380737305
Q8VDQ8	Sirt2	NAD-dependent protein deacetylase sirtuin-2	0.125472705	0.659579277
Q8VDS4	Rprd1a	Regulation of nuclear pre-mRNA domain-containing protein 1A	-0.710939217	1.921153188
Q8VDU5	Snrk	SNF-related serine/threonine-protein kinase	-0.264336427	0.007811069
Q8VDW0	Ddx39a	ATP-dependent RNA helicase DDX39A	-0.981262461	0.627005974
Q8VDZ4	Zdhhc5	Palmitoyltransferase ZDHHC5	0.378660901	0.222889741
Q8VE11	Mtmt6	Myotubularin-related protein 6	-0.300703589	0.761203289
Q8VE38	Oxnad1	Oxidoreductase NAD-binding domain-containing protein 1	0.168594551	2.028571606
Q8VE47	Uba5	Ubiquitin-like modifier-activating enzyme 5	-0.189935207	-1.359376431
Q8VE62	Paip1	Polyadenylate-binding protein-interacting protein 1	-0.022806327	-0.210825761
Q8VE70	Pdcd10	Programmed cell death protein 10	0.465170288	0.189881643
Q8VE80	Thoc3	THO complex subunit 3	-0.453183015	0.84502546
Q8VE88	Fam114a2	Protein FAM114A2	-0.259243647	0.490633806
Q8VE95		UPF0598 protein C8orf82 homolog	0.04192756	0.206084092
Q8VE99	Ccdc115	Coiled-coil domain-containing protein 115	2.024008497	2.245189349
Q8VEA4	Chchd4	Mitochondrial intermembrane space import and assembly protein 40	0.05266463	1.693985144
Q8VEB4	Pla2g15	Phospholipase A2 group XV	-0.217740726	-0.07675155
Q8VEB6	Elac1	Zinc phosphodiesterase ELAC protein 1	0.01669302	-0.072455565
Q8VED2	Bloc1s4	Biogenesis of lysosome-related organelles complex 1 subunit 4	-0.402323214	-0.251909415

Q8VED5	Krt79	Keratin, type II cytoskeletal 79	0.263965797	-0.456306458
Q8VED9	Lgalsl	Galectin-related protein	-0.160593383	0.59998401
Q8VEE1	Lmcd1	LIM and cysteine-rich domains protein 1	-0.007072894	0.335590045
Q8VEH3	Arl8a	ADP-ribosylation factor-like protein 8A	0.298111216	0.91179959
Q8VEH5	Epm2aip1	EPM2A-interacting protein 1	-0.0451677	0.344143391
Q8VEH6	Cbwd1	COBW domain-containing protein 1	-1.694678656	-1.414625486
Q8VEJ9	Vps4a	Vacuolar protein sorting-associated protein 4A	0.050650247	0.241815249
Q8VEK3	Hnrnpu	Heterogeneous nuclear ribonucleoprotein U	-0.235235786	0.140583038
Q8VH37	Hdac8	Histone deacetylase 8	-0.074087461	0.387062709
Q8VH51	Rbm39	RNA-binding protein 39	-0.715822442	1.457015673
Q8VHI6	Wasf3	Wiskott-Aldrich syndrome protein family member 3	0.2848423	0.746824582
Q8VHJ5	Mark1	Serine/threonine-protein kinase MARK1	0.034186268	0.4150184
Q8VHL1	Setd7	Histone-lysine N-methyltransferase SETD7	-0.192851448	0.436105887
Q8VHM5	Hnrnpr	Heterogeneous nuclear ribonucleoprotein R	-0.446521568	-0.439696153
Q8VHP7	Serpinb1b	Leukocyte elastase inhibitor B	-0.550955931	0.246768951
Q8VHQ9	Acot11	Acyl-coenzyme A thioesterase 11	-0.255144024	0.210988681
Q8VHX6	Flnc	Filamin-C	0.053393777	0.917430083
Q8VHY0	Cspg4	Chondroitin sulfate proteoglycan 4	-0.567929618	0.870972157
Q8VI63	Mob2	MOB kinase activator 2	0.390504328	1.311010838
Q8VI75	Ipo4	Importin-4	0.202965069	0.676428318
Q8VIJ6	Sfpq	Splicing factor, proline- and glutamine-rich	0.222809156	-0.066669782
Q8VIM9	Irgq	Immunity-related GTPase family Q protein	-0.022054704	0.583837668
Q8WTY4	Ciapi1	Anamorsin	-0.243173091	0.088416735
Q8WUR0		Protein C19orf12 homolog	-0.005206935	1.120481014
Q91UZ5	Impa2	Inositol monophosphatase 2	0.276477655	-3.156291087
Q91V09	Wdr13	WD repeat-containing protein 13	-0.166521422	0.268857002
Q91V35	Ptpa	Receptor-type tyrosine-protein phosphatase alpha	-0.093621127	-0.046324571
Q91V36	Nrbp2	Nuclear receptor-binding protein 2	0.316383012	0.315980752
Q91V41	Rab14	Ras-related protein Rab-14	-0.033042717	1.182196935
Q91V57	Chn1	N-chimaerin	0.475673612	0.919750849
Q91V64	Isoc1	Isochorismatase domain-containing protein 1	0.066522916	0.5937953
Q91V76		Ester hydrolase C11orf54 homolog	-0.162936433	0.35240221
Q91VA7	Idh3b	Isocitrate dehydrogenase [NAD] subunit, mitochondrial	-0.076229858	0.272317886
Q91VB8	Hba-a1	Alpha globin 1	-0.260482661	0.467582703
Q91VC7	Ppp1r14a	Protein phosphatase 1 regulatory subunit 14A	0.109999371	0.800837517
Q91VD9	Ndufs1	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial	0.073567041	0.436040719
Q91VF2	Hnmt	Histamine N-methyltransferase	-0.094189771	0.329570134
Q91VH2	Snx9	Sorting nexin-9	-0.266657416	0.099229018
Q91VH6	Memo1	Protein MEMO1	0.452783902	0.804620902
Q91VI7	Rnh1	Ribonuclease inhibitor	-0.064398638	0.567121506
Q91VJ4	Stk38	Serine/threonine-protein kinase 38	-0.159309069	-0.157721202
Q91VJ5	Pqbp1	Polyglutamine-binding protein 1	0.040424093	-0.167495728
Q91VK1	Bzw2	Basic leucine zipper and W2 domain-containing protein 2	1.919921271	0.523825963
Q91VM3	Wdr45	WD repeat domain phosphoinositide-interacting protein 4	-0.180427742	0.519887447
Q91VM9	Ppa2	Inorganic pyrophosphatase 2, mitochondrial	-0.10844628	-0.724035422

Q91VR5	Ddx1	ATP-dependent RNA helicase DDX1	0.168309402	0.062530677
Q91VR7	Map1lc3a	Microtubule-associated proteins 1A/1B light chain 3A	-0.381587537	0.637643059
Q91VT4	Cbr4	Carbonyl reductase family member 4	-0.531456343	0.281889915
Q91VU6	Dcaf11	DDB1- and CUL4-associated factor 11	0.910110346	-0.215268532
Q91VW3	Sh3bgrl3	SH3 domain-binding glutamic acid-rich-like protein 3	-0.029626624	0.406696796
Q91VZ6	Smap1	Stromal membrane-associated protein 1	-0.467103163	-0.517109712
Q91W50	Csde1	Cold shock domain-containing protein E1	-0.156543668	-0.017767747
Q91W61	Fbxl15	F-box/LRR-repeat protein 15	-0.120945072	0.244757493
Q91W67	Ubl7	Ubiquitin-like protein 7	-1.075248369	0.873835882
Q91W69	Epn3	Epsin-3	0.394874748	-0.263289054
Q91W86	Vps11	Vacuolar protein sorting-associated protein 11 homolog	0.104053752	-0.862790108
Q91W96	Anapc4	Anaphase-promoting complex subunit 4	-1.266385841	-0.532330831
Q91WC0	Setd3	Actin-histidine N-methyltransferase	-0.165757402	0.485581875
Q91WD5	Ndufs2	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial	0.545457649	2.030831973
Q91WD9	Scgn	Secretagogin	-0.697123051	0.725361824
Q91WE2	Psme3ip1	PSME3-interacting protein	0.258147653	-0.734381199
Q91WG2	Rabep2	Rab GTPase-binding effector protein 2	-0.197931163	1.065500736
Q91WG4	Elp2	Elongator complex protein 2	0.287255859	0.137126287
Q91WG7	Dgkg	Diacylglycerol kinase gamma	-0.355174383	1.388930837
Q91WK1	Spryd4	SPRY domain-containing protein 4	-0.068456936	-0.383808931
Q91WK2	Eif3h	Eukaryotic translation initiation factor 3 subunit H	0.455346743	0.376506805
Q91WK5	Gcsh	Glycine cleavage system H protein, mitochondrial	-0.584472656	-0.893083731
Q91WL8	Wwox	WW domain-containing oxidoreductase	-1.1472085	0.004454613
Q91WM1	Strbp	Spermatid perinuclear RNA-binding protein	-0.812377135	2.152539372
Q91WM2	Hdhd5	Haloacid dehalogenase-like hydrolase domain-containing 5	-0.074610233	-0.047791004
Q91WQ3	Yars1	Tyrosine--tRNA ligase, cytoplasmic	-0.032011541	0.104057312
Q91WS0	Cisd1	CDGSH iron-sulfur domain-containing protein 1	2.241358081	2.322579304
Q91WT9	Cbs	Cystathionine beta-synthase	-0.35200421	0.360882282
Q91WU5	As3mt	Arsenite methyltransferase	-0.26240956	0.005432447
Q91WV0	Dr1	Protein Dr1	-0.708668041	0.798562368
Q91X51	Gorasp1	Golgi reassembly-stacking protein 1	0.342002773	-0.541252772
Q91X52	Dcxr	L-xylulose reductase	-0.219271088	-0.22631073
Q91X72	Hpx	Hemopexin	0.920481269	0.460367521
Q91X83	Mat1a	S-adenosylmethionine synthase isoform type-1	-0.554376825	0.701128483
Q91X91	Qprt	Nicotinate-nucleotide pyrophosphorylase [carboxylating]	-0.58975331	-1.004924297
Q91X96	Rabif	Guanine nucleotide exchange factor MSS4	0.32444919	1.313590844
Q91XD6	Vps36	Vacuolar protein-sorting-associated protein 36	0.141054726	-0.022558212
Q91XE4	Acy3	N-acyl-aromatic-L-amino acid amidohydrolase (carboxylate-forming)	-0.103434531	0.164122423
Q91XF0	Pnpo	Pyridoxine-5'-phosphate oxidase	0.323683071	0.429743131
Q91XH5	Spr	Sepiapterin reductase	-0.271719869	0.457389037
Q91XL1	Lrg1	Leucine-rich HEV glycoprotein	-0.578473345	-0.223804633
Q91XU0	Wrnip1	ATPase WRNIP1	-0.195628802	-0.030597051
Q91XU3	Pip4k2c	Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma	0.051455021	-0.173671722
Q91XV3	Basp1	Brain acid soluble protein 1	0.551816082	0.501047611
Q91XW9	Pcdhgc5	Pcdhgc5 protein	-0.128622691	1.161222617

Q91YD9	Wasl	Neural Wiskott-Aldrich syndrome protein	0.482044983	0.22233359
Q91YE3	Egln1	Egl nine homolog 1	-0.063383547	0.40273269
Q91YI0	Asl	Argininosuccinate lyase	-0.053867277	0.08283631
Q91YJ2	Snx4	Sorting nexin-4	0.046404012	0.337801139
Q91YJ5	Mtif2	Translation initiation factor IF-2, mitochondrial	0.370283794	-0.042106311
Q91YL2	Rnf126	E3 ubiquitin-protein ligase RNF126	0.105793603	-0.295631886
Q91YL3	Uckl1	Uridine-cytidine kinase-like 1	-0.600328318	-0.143395742
Q91YM2	Arhgap35	Rho GTPase-activating protein 35	0.077625974	0.561376095
Q91YM4	Tbrg4	FAST kinase domain-containing protein 4	-0.148737812	2.606926123
Q91YP0	L2hgdh	L-2-hydroxyglutarate dehydrogenase, mitochondrial	0.067795531	0.207067966
Q91YP2	Nln	Neurolysin, mitochondrial	-0.058258979	-0.007057985
Q91YQ3	Csdc2	Cold shock domain-containing protein C2	0.136333275	-1.092834314
Q91YQ5	Rpn1	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1	0.641856035	1.615575155
Q91YR1	Twf1	Twinfilin-1	0.037419383	0.256459077
Q91YS8	Camk1	Calcium/calmodulin-dependent protein kinase type 1	-0.246380615	-0.218213399
Q91YT7	Ythdf2	YTH domain-containing family protein 2	1.767501211	0.534998735
Q91YW3	Dnajc3	DnaJ homolog subfamily C member 3	0.290599759	0.588115692
Q91Z25	Arpc1b	Actin-related protein 2/3 complex subunit	0.797653834	0.945922375
Q91Z31	Ptbp2	Polypyrimidine tract-binding protein 2	-0.238659922	0.106164138
Q91Z40	Gbp7	Gbp6 protein	-1.358831914	0.559219758
Q91Z53	Grhpr	Glyoxylate reductase/hydroxypyruvate reductase	-0.279452705	0.250795046
Q91Z61	Diras1	GTP-binding protein Di-Ras1	-0.040148958	-0.069457849
Q91Z67	Srgap2	SLIT-ROBO Rho GTPase-activating protein 2	-0.015944513	-0.139618874
Q91ZA3	Pcca	Propionyl-CoA carboxylase alpha chain, mitochondrial	-0.048662313	0.344310602
Q91ZJ5	Ugp2	UTP--glucose-1-phosphate uridylyltransferase	0.028428396	0.129938126
Q91ZM2	Sh2b1	SH2B adapter protein 1	-0.090909608	0.477970441
Q91ZP9	Necab2	N-terminal EF-hand calcium-binding protein 2	0.195916971	0.624421438
Q91ZR1	Rab4b	Ras-related protein Rab-4B	0.273435084	0.812461217
Q91ZZ3	Sncb	Beta-synuclein	-0.202662977	0.835526784
Q920A5	Scpep1	Retinoid-inducible serine carboxypeptidase	0.169043668	-0.31194973
Q920E5	Fdps	Farnesyl pyrophosphate synthase	-0.409920406	0.022694747
Q920I9	Wdr7	WD repeat-containing protein 7	0.00076952	-0.252443155
Q920N7	Syt12	Synaptotagmin-12	-0.189964994	0.270138741
Q920P5	Ak5	Adenylate kinase isoenzyme 5	0.218412654	-0.201496919
Q920Q6	Msi2	RNA-binding protein Musashi homolog 2	0.308050744	-0.280154546
Q920Q8	Ivns1abp	Influenza virus NS1A-binding protein homolog	-0.03919398	0.322771549
Q920R0	Als2	Alsin	-0.570090485	-1.025410493
Q921C5	Bicd2	Protein bicaudal D homolog 2	-0.375551383	0.915091912
Q921F2	Tardbp	TAR DNA-binding protein 43	-0.044797166	0.091836452
Q921F4	HnrnpII	Heterogeneous nuclear ribonucleoprotein L-like	-0.49257609	0.451447964
Q921H8	Acaa1a	3-ketoacyl-CoA thiolase A, peroxisomal	1.260103353	-1.179642081
Q921H9	Coa7	Cytochrome c oxidase assembly factor 7	0.460624282	1.674479961
Q921I1	Tf	Serotransferrin	-0.199655279	0.203074455
Q921J2	Rheb	GTP-binding protein Rheb	0.003691864	0.339219093
Q921L5	Cog2	Conserved oligomeric Golgi complex subunit 2	-1.931968906	-0.554466407
Q921L6	Ctnn	Ctnn protein	-0.202791977	0.392810742

Q921M3	Sf3b3	Splicing factor 3B subunit 3	-0.088091246	-0.237162272
Q921M7	Cyrib	CYFIP-related Rac1 interactor B	0.293463898	0.703715324
Q922B1	MacroD1	ADP-ribose glycohydrolase MACROD1	-0.239308898	0.423594634
Q922B2	Dars1	Aspartate--tRNA ligase, cytoplasmic	0.134646257	0.203713576
Q922D8	Mthfd1	C-1-tetrahydrofolate synthase, cytoplasmic	-0.180912145	0.05993557
Q922F4	Tubb6	Tubulin beta-6 chain	-0.842893497	1.065086603
Q922H1	Prmt3	Protein arginine N-methyltransferase 3	0.820294603	-0.052745024
Q922H2	Pdk3	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 3, mitochondrial	-0.083305995	1.731898308
Q922H4	Gmppa	Mannose-1-phosphate guanylttransferase alpha	-0.012536971	0.124189218
Q922H9	Znf330	Zinc finger protein 330	-0.867245611	1.538286765
Q922Q4	Pycr2	Pyrroline-5-carboxylate reductase 2	-1.073475488	1.152445157
Q922Q8	Lrrc59	Leucine-rich repeat-containing protein 59	2.806235298	0.81235981
Q922R1		UPF0183 protein C16orf70 homolog	0.774569003	0.458323161
Q922U2	Krt5	Keratin, type II cytoskeletal 5	0.022529666	-0.374526024
Q922X9	Prmt7	Protein arginine N-methyltransferase 7	-0.445237033	0.179262479
Q923D2	Blvrb	Flavin reductase (NADPH)	-0.349578857	0.354917685
Q923M0	Ppp1r16a	Protein phosphatase 1 regulatory subunit 16A	0.002696451	0.062489669
Q923T9	Camk2g	Calcium/calmodulin-dependent protein kinase type II subunit gamma	0.765346527	-0.851905028
Q924B0	Impa1	Inositol-1-monophosphatase	-0.160724322	0.642285665
Q924C1	Xpo5	Exportin-5	0.083662287	0.055758317
Q924M7	Mpi	Mannose-6-phosphate isomerase	0.156943576	-0.129649639
Q924S8	Spred1	Sprouty-related, EVH1 domain-containing protein 1	0.059069538	1.0322752
Q924Y0	Bbox1	Gamma-butyrobetaine dioxygenase	0.728749498	0.408624808
Q924Z6	Xpo6	Exportin-6	-0.295696735	0.618890127
Q925E7	Ppp2r2d	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B delta isoform	0.243736013	0.31114165
Q99J08	Sec14l2	SEC14-like protein 2	-0.181751537	0.19464763
Q99J09	Wdr77	Methylosome protein 50	-0.145357482	1.022399267
Q99J10	Ctu1	Cytoplasmic tRNA 2-thiolation protein 1	-1.604828739	-0.085523605
Q99J36	Thumpd1	THUMP domain-containing protein 1	0.156942113	0.102045695
Q99J39	Mlycd	Malonyl-CoA decarboxylase, mitochondrial	-0.184640598	-0.313372294
Q99J45	Nrbp1	Nuclear receptor-binding protein	0.248416456	0.722288291
Q99J77	Nans	Sialic acid synthase	-0.323771604	-0.153578758
Q99J83	Atg5	Autophagy protein 5	-0.014353021	0.08017985
Q99J95	Cdk9	Cyclin-dependent kinase 9	-0.81996851	0.878895283
Q99J99	Mpst	3-mercaptopyruvate sulfurtransferase	-0.078215408	0.504388014
Q99JB2	Stoml2	Stomatin-like protein 2, mitochondrial	1.358964221	2.467374007
Q99JB8	Pacsin3	Protein kinase C and casein kinase II substrate protein 3	0.368613942	-0.926425616
Q99JF5	Mvd	Diphosphomevalonate decarboxylase	-0.654095936	0.821608861
Q99JI4	Psmd6	26S proteasome non-ATPase regulatory subunit 6	-0.08593003	-0.49314642
Q99JI6	Rap1b	Ras-related protein Rap-1b	0.33217624	0.72062397
Q99JN2	Klhl22	Kelch-like protein 22	-0.095862961	-1.233324051
Q99JP6	Homer3	Homer protein homolog 3	-0.325329431	-0.031007926
Q99JR1	Sfxn1	Sideroflexin-1	-0.652565765	0.661594947
Q99JT9	Adi1	1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase	-0.016499551	-0.277483304
Q99JX4	Eif3m	Eukaryotic translation initiation factor 3 subunit M	0.65942777	0.462137063

Q99JY0	Hadhb	Trifunctional enzyme subunit beta, mitochondrial	0.104572392	0.066486359
Q99JY8	Plpp3	Phospholipid phosphatase 3	1.131997077	-0.45391798
Q99JY9	Actr3	Actin-related protein 3	0.18844951	0.323048433
Q99JZ4	Sar1a	GTP-binding protein SAR1a	0.179868031	0.607690175
Q99K28	Arfgap2	ADP-ribosylation factor GTPase-activating protein 2	-0.182328701	-0.379763285
Q99K30	Eps8l2	Epidermal growth factor receptor kinase substrate 8-like protein 2	-0.774282519	-0.402053833
Q99K46	Usp11	Ubiquitin carboxyl-terminal hydrolase 11	-0.171924178	0.785933654
Q99K48	Nono	Non-POU domain-containing octamer-binding protein	-0.517571195	-0.345868905
Q99K67	Aass	Alpha-aminoadipic semialdehyde synthase, mitochondrial	-1.710954905	0.020132383
Q99K70	Rragc	Ras-related GTP-binding protein C	-0.094811853	0.255571842
Q99K85	Psat1	Phosphoserine aminotransferase	-0.229721705	0.240190506
Q99KC8	Vwa5a	von Willebrand factor A domain-containing protein 5A	-0.230655225	0.230234782
Q99KE1	Me2	NAD-dependent malic enzyme, mitochondrial	-0.217239443	-0.867346605
Q99KG3	Rbm10	RNA-binding protein 10	0.330562814	0.095949173
Q99KH8	Stk24	Serine/threonine-protein kinase 24	-0.311646589	0.355312665
Q99KI0	Aco2	Aconitate hydratase, mitochondrial	-0.304192861	-0.004205704
Q99KJ8	Dctn2	Dynactin subunit 2	0.154614576	0.172335625
Q99KK7	Dpp3	Dipeptidyl peptidase 3	-0.067798678	0.369371891
Q99KK9	Hars2	Histidine--tRNA ligase, mitochondrial	0.233411916	0.604642868
Q99KL7	Rab28	Ras-related protein Rab-28	0.885478306	1.547576269
Q99KN2	Ciao1	Probable cytosolic iron-sulfur protein assembly protein CIAO1	0.143888028	-0.043831984
Q99KP3	Cryl1	Lambda-crystallin homolog	-0.051560752	0.372198741
Q99KP6	Prpf19	Pre-mRNA-processing factor 19	0.386783822	0.11731259
Q99KQ4	Nampt	Nicotinamide phosphoribosyltransferase	-0.060771306	0.337413629
Q99KR3	Lactb2	Endoribonuclease LACTB2	0.18089625	0.722374916
Q99KR7	Ppif	Peptidyl-prolyl cis-trans isomerase F, mitochondrial	-0.26235555	0.087813536
Q99KV1	Dnajb11	DnaJ homolog subfamily B member 11	0.746819305	0.676280975
Q99KX1	Mlf2	Myeloid leukemia factor 2	0.273356501	0.327094873
Q99L04	Dhrs1	Dehydrogenase/reductase SDR family member 1	-0.005300109	2.441308498
Q99L13	Hibadh	3-hydroxyisobutyrate dehydrogenase, mitochondrial	0.023406982	0.38103199
Q99L20	Gstt3	Glutathione S-transferase theta-3	0.296815427	-0.00691843
Q99L27	Gmpr2	GMP reductase 2	-0.259720294	0.362232367
Q99L45	Eif2s2	Eukaryotic translation initiation factor 2 subunit 2	-0.026885414	0.038982709
Q99LB2	Dhrs4	Dehydrogenase/reductase SDR family member 4	0.135066128	0.754166921
Q99LB4	Capg	Macrophage-capping protein	-0.024670283	0.19710207
Q99LB6	Mat2b	Methionine adenosyltransferase 2 subunit beta	-0.253015645	0.249679565
Q99LB7	Sardh	Sarcosine dehydrogenase, mitochondrial	-0.226671219	0.310807705
Q99LC3	Ndufa10	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial	0.360196431	0.916084448
Q99LC5	Etfa	Electron transfer flavoprotein subunit alpha, mitochondrial	-0.177522977	0.364916801
Q99LC8	Eif2b1	Translation initiation factor eIF-2B subunit alpha	0.674225712	0.16754063
Q99LD8	Ddah2	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2	-0.225774924	0.244609515
Q99LD9	Eif2b2	Translation initiation factor eIF-2B subunit beta	-0.081607469	-0.702469985
Q99LE6	Abcf2	ATP-binding cassette sub-family F member 2	-0.346790377	0.347804705
Q99LF4	Rtcb	RNA-splicing ligase RtcB homolog	-0.152346929	-0.365087509
Q99LG2	Tnpo2	Transportin-2	0.107543786	-0.323392868

Q99LG4	Ttc5	Tetratricopeptide repeat protein 5	0.060321426	-0.505596161
Q99LP6	Grpel1	GrpE protein homolog 1, mitochondrial	-0.133936373	0.844027996
Q99LS3	Psph	Phosphoserine phosphatase	0.115680854	0.454929034
Q99LU0	Chmp1b1	Charged multivesicular body protein 1b-1	-0.132370408	-0.01162672
Q99LX0	Park7	Parkinson disease protein 7 homolog	-0.138834572	0.405182203
Q99M28	Rnps1	RNA-binding protein with serine-rich domain 1	-2.10658172	0.929790656
Q99M51	Nck1	Cytoplasmic protein NCK1	-0.02155269	0.384947459
Q99M71	Epdr1	Mammalian ependymin-related protein 1	-0.055272357	-0.00925223
Q99M73	Krt84	Keratin, type II cuticular Hb4	0.274469662	-0.131759644
Q99M74	Krt82	Keratin, type II cuticular Hb2	-0.296761831	0.027814309
Q99M87	Dnaja3	DnaJ homolog subfamily A member 3, mitochondrial	0.725026004	1.263864835
Q99ME2	Wdr6	WD repeat-containing protein 6	-0.044686413	-0.160844803
Q99MK8	Grk2	Beta-adrenergic receptor kinase 1	0.206350676	0.220325947
Q99MN1	Kars1	Lysine--tRNA ligase	0.053460058	-0.480575403
Q99MN9	Pccb	Propionyl-CoA carboxylase beta chain, mitochondrial	-0.435840257	-0.210323334
Q99MP8	Brp	BRCA1-associated protein	-0.050488885	-0.117477973
Q99MR0	Actl6b	Actin-like protein 6B	0.008177598	0.583906015
Q99MR1	Gigyf1	GRB10-interacting GYF protein 1	0.420804469	-0.045562744
Q99MR6	Srrt	Serrate RNA effector molecule homolog	-0.315454992	0.12404569
Q99MR8	Mccc1	Methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial	0.261317507	-0.849467278
Q99N12	Dusp19	Dual specificity phosphatase 19	0.019124158	1.026458104
Q99NB1	Acss1	Acetyl-coenzyme A synthetase 2-like, mitochondrial	-0.069573784	0.247955481
Q99NB8	Ubqln4	Ubiquilin-4	-0.486171436	1.158451557
Q99NF7	Ppm1b	Protein-serine/threonine phosphatase	-0.168075943	0.206560453
Q99P31	Hspbp1	Hsp70-binding protein 1	-0.540505886	0.132482529
Q99P58	Rab27b	Ras-related protein Rab-27B	0.428013452	1.475896994
Q99P72	Rtn4	Reticulon-4	0.054315631	0.413041751
Q99PG2	Ogfr	Opioid growth factor receptor	0.554747295	-0.522898833
Q99PL6	Ubxn6	UBX domain-containing protein 6	0.248359426	-0.010479609
Q99PS0	Krt23	Keratin, type I cytoskeletal 23	0.355544567	-1.438218911
Q99PT1	Arhgdia	Rho GDP-dissociation inhibitor 1	0.055879656	0.25243632
Q99PU5	Acsbg1	Long-chain-fatty-acid--CoA ligase ACSBG1	0.135233625	0.08968242
Q99PV0	Prpf8	Pre-mRNA-processing-splicing factor 8	0.494051647	0.208118916
Q9CPN9	2210010C04Rik	RIKEN cDNA 2210010C04 gene	-0.25067145	2.414047241
Q9CPP6	Ndufa5	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 5	0.361294429	1.64205424
Q9CPQ1	Cox6c	Cytochrome c oxidase subunit 6C	0.480538082	1.054711342
Q9CPQ8	Atp5mg	ATP synthase subunit g, mitochondrial	0.84404761	2.344562372
Q9CPR1	Rwdd4	RWD domain-containing protein 4	-0.081606611	-0.197167397
Q9CPS5	Psmd8	26S proteasome non-ATPase regulatory subunit 8	0.240795708	0.246686459
Q9CPS6	Hint3	Histidine triad nucleotide-binding protein 3	0.202594058	-0.637357712
Q9CPT3	Nanp	N-acylneuraminate-9-phosphatase	0.034366481	0.856114546
Q9CPT4	Mydgf	Myeloid-derived growth factor	-0.037504292	-0.361679872
Q9CPU0	Glo1	Lactoylgutathione lyase	0.032203865	0.399954478
Q9CPU4	Mgst3	Microsomal glutathione S-transferase 3	0.766653824	0.017497222
Q9CPV4	Glod4	Glyoxalase domain-containing protein 4	-0.180279223	0.612804731

Q9CPW2	Fdx2	Ferredoxin-2, mitochondrial	-0.293359534	0.012481689
Q9CPW4	Arpc5	Actin-related protein 2/3 complex subunit 5	0.289819082	1.070185343
Q9CPW7	Zmat2	Zinc finger matrin-type protein 2	-0.937470055	-0.272417863
Q9CPX6	Atg3	Ubiquitin-like-conjugating enzyme ATG3	0.134826183	0.417051792
Q9CPY7	Lap3	Cytosol aminopeptidase	-0.110540136	0.22821792
Q9CPZ8	Cmc1	COX assembly mitochondrial protein homolog	1.156425937	0.030606747
Q9CQ10	Chmp3	Charged multivesicular body protein 3	0.200082652	-0.043589433
Q9CQ20	Mid1ip1	Mid1-interacting protein 1	-0.796034781	-0.538640658
Q9CQ26	Stampb	STAM-binding protein	0.08920873	0.409808795
Q9CQ45	Nenf	Neudesin	-1.866147423	-1.395198504
Q9CQ49	Ncbp2	Nuclear cap-binding protein subunit 2	-0.314728292	-0.441348871
Q9CQ60	Pgls	6-phosphogluconolactonase	-0.140453688	0.997837067
Q9CQ62	Decr1	2,4-dienoyl-CoA reductase [(3E)-enoyl-CoA-producing], mitochondrial	0.29505415	1.783194701
Q9CQ65	Mtap	S-methyl-5'-thioadenosine phosphorylase	-0.188666725	0.608890216
Q9CQ69	Uqcrq	Cytochrome b-c1 complex subunit 8	0.347401206	1.497856458
Q9CQ75	Ndufa2	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2	0.152480952	0.814250787
Q9CQ86	Mien1	Migration and invasion enhancer 1	-0.256930415	-0.143651644
Q9CQA1	Trappc5	Trafficking protein particle complex subunit 5	1.076625156	-0.997790972
Q9CQA3	Sdhb	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial	0.00615139	0.24949042
Q9CQB4	Uqcrb	Cytochrome b-c1 complex subunit 7	0.189001211	0.778785706
Q9CQB7	Lym1	LYR motif-containing protein 1	0.709292126	-0.328081926
Q9CQC6	Bzw1	Basic leucine zipper and W2 domain-containing protein 1	0.076113002	0.431104819
Q9CQC7	Ndufb4	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4	-0.813363171	1.473211567
Q9CQC9	Sar1b	GTP-binding protein SAR1b	0.346105703	1.459559282
Q9CQD1	Rab5a	Ras-related protein Rab-5A	0.136680603	0.657502651
Q9CQD4	Chmp1b2	Charged multivesicular body protein 1b-2	0.984914017	-0.242534161
Q9CQE1	Nipsnap3b	Protein NipSnap homolog 3B	0.428200277	-0.193992615
Q9CQE5	Rgs10	Regulator of G-protein signaling 10	0.013813972	0.756342093
Q9CQE8	RTRAF	RNA transcription, translation and transport factor protein	0.45432663	0.634683132
Q9CQF3	Nudt21	Cleavage and polyadenylation specificity factor subunit 5	0.219377454	0.31084919
Q9CQF4	Mtres1	Mitochondrial transcription rescue factor 1	0.582178911	-0.041949749
Q9CQG1	Chac2	Putative glutathione-specific gamma-glutamylcyclotransferase 2	0.049762821	-1.311399122
Q9CQH7	Btf3l4	Transcription factor BTF3 homolog 4	0.103276475	0.208954016
Q9CQI3	Gmfb	Glia maturation factor beta	0.013359006	0.298250039
Q9CQI6	Cotl1	Coactosin-like protein	0.02097791	0.469311078
Q9CQI7	Snrpb2	U2 small nuclear ribonucleoprotein B''	0.385619736	1.430719614
Q9CQJ6	Denr	Density-regulated protein	0.419896412	0.350137075
Q9CQJ8	Ndufb9	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9	1.110575453	1.925425847
Q9CQK7	Rwdd1	RWD domain-containing protein 1	0.190943877	-0.160598596
Q9CQM5	Txndc17	Thioredoxin domain-containing protein 17	-0.192596944	-0.218744119
Q9CQM9	Glr3	Glutaredoxin-3	-0.050147788	0.699048837
Q9CQN1	Trap1	Heat shock protein 75 kDa, mitochondrial	-0.040216064	0.70780309
Q9CQN6	Tmem14c	Transmembrane protein 14C	1.748123503	0.541096369
Q9CQQ7	Atp5pb	ATP synthase F(0) complex subunit B1, mitochondrial	0.465152359	0.868288676

Q9CQQ8	Lsm7	U6 snRNA-associated Sm-like protein LSm7	0.015574455	0.218568643
Q9CQR2	Rps21	40S ribosomal protein S21	0.248255952	0.735985279
Q9CQR4	Acot13	Acyl-coenzyme A thioesterase 13	0.13105243	0.732195695
Q9CQS8	Sec61b	Protein transport protein Sec61 subunit beta	1.065995185	1.406854312
Q9CQT0	Thg1l	tRNA(His) guanylyltransferase	-0.013272031	0.095161756
Q9CQT1	Mri1	Methylthioribose-1-phosphate isomerase	-0.048339812	0.114230951
Q9CQU0	Txndc12	Thioredoxin domain-containing protein 12	0.309875202	-0.175206184
Q9CQV6	Map1lc3b	Microtubule-associated proteins 1A/1B light chain 3B	0.197794278	0.563353697
Q9CQV8	Ywhab	14-3-3 protein beta/alpha	-0.020331891	0.281334241
Q9CQW1	Ykt6	Synaptobrevin homolog YKT6	0.030015691	0.716917515
Q9CQW2	Arl8b	ADP-ribosylation factor-like protein 8B	0.904728572	1.021373749
Q9CQX6	Gm16286	Predicted gene 16286	-0.024098365	0.112018426
Q9CQX8	Mrps36	28S ribosomal protein S36, mitochondrial	0.568525187	-1.347451687
Q9CQY1	Atg12	Ubiquitin-like protein ATG12	2.461484957	-0.895286719
Q9CQY2	Ramac	RNA guanine-N7 methyltransferase activating subunit	0.34870952	0.490951379
Q9CQZ5	Ndufa6	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6	-0.78185962	-0.439368725
Q9CQZ6	Ndubf3	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3	-0.103890888	0.555858135
Q9CR00	Psmd9	26S proteasome non-ATPase regulatory subunit 9	0.183867296	0.33244578
Q9CR09	Ufc1	Ubiquitin-fold modifier-conjugating enzyme 1	0.03954579	0.255721887
Q9CR16	Ppid	Peptidyl-prolyl cis-trans isomerase D	0.047241402	0.076734225
Q9CR25	Dph2	2-(3-amino-3-carboxypropyl)histidine synthase subunit 2	-0.436863041	0.58396101
Q9CR26	Vta1	Vacuolar protein sorting-associated protein VTA1 homolog	-0.080560621	0.425917943
Q9CR27	Washc3	WASH complex subunit 3	-0.308755302	1.028100808
Q9CR29	Ccdc43	Coiled-coil domain-containing protein 43	-0.042462794	-2.774187041
Q9CR51	Atp6v1g1	V-type proton ATPase subunit G 1	-0.176804352	-1.327363133
Q9CR57	Rpl14	60S ribosomal protein L14	-0.01302592	-1.681727807
Q9CR61	Ndubf7	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7	-0.493537585	0.770555973
Q9CR62	Slc25a11	Mitochondrial 2-oxoglutarate/malate carrier protein	-0.186312103	0.238960107
Q9CR68	Uqcrcf1	Cytochrome b-c1 complex subunit Rieske, mitochondrial	0.261266295	-0.027386824
Q9CR86	Carhsp1	Calcium-regulated heat stable protein 1	0.24569149	0.56755654
Q9CR95	Necap1	Adaptin ear-binding coat-associated protein 1	0.134851837	0.556170781
Q9CR98	Fam136a	Protein FAM136A	0.170453517	0.339132309
Q9CRA5	Golph3	Golgi phosphoprotein 3	-0.518810145	0.628672918
Q9CRA7	Dmac2l	ATP synthase subunit s, mitochondrial	-0.013685767	1.601581573
Q9CRB2	Nhp2	H/ACA ribonucleoprotein complex subunit 2	-0.80028197	0.326580048
Q9CRB4	1700029F12Rik	RIKEN cDNA 1700029F12 gene	-1.373569775	3.493388335
Q9CRB6	Tppp3	Tubulin polymerization-promoting protein family member 3	0.351796532	0.387441794
Q9CRC9	Gnpda2	Glucosamine-6-phosphate isomerase 2	-0.008902232	-0.011956692
Q9CRD4	Dbndd2	Dysbindin domain-containing protein 2	0.489551004	0.650629997
Q9CS42	Prps2	Ribose-phosphate pyrophosphokinase 2	-0.030240409	-0.260152181
Q9CS84	Nrxn1	Neurexin-1	-0.459629409	0.758566221
Q9CVB6	Arpc2	Actin-related protein 2/3 complex subunit 2	0.235042826	0.809438388
Q9CVD2	Atxn3	Ataxin-3	0.655301762	1.168317
Q9CW07	Ppp1r3g	Protein phosphatase 1 regulatory subunit 3G	0.260245164	0.399226348
Q9CW46	Raver1	Ribonucleoprotein PTB-binding 1	0.223395697	0.333305518

Q9CW79	Golga1	Golgin subfamily A member 1	2.595744451	-1.648503304
Q9CWD3	Nudt17	Nucleoside diphosphate-linked moiety X motif 17	-0.354892	0.079901218
Q9CWF2	Tubb2b	Tubulin beta-2B chain	0.08187453	-0.520106634
Q9CWG8	Ndufaf7	Protein arginine methyltransferase NDUFAF7, mitochondrial	-0.155256526	0.030196985
Q9CWI3	Bccip	BRCA2 and CDKN1A-interacting protein	-0.957467111	-0.077167352
Q9CWJ9	Atic	Bifunctional purine biosynthesis protein ATIC	0.001161512	0.605788231
Q9CWK3	Cd2bp2	CD2 antigen cytoplasmic tail-binding protein 2	0.332051309	-0.382962227
Q9CWK8	Snx2	Sorting nexin-2	-0.043019263	0.0327185
Q9CWL8	Ctnnbl1	Beta-catenin-like protein 1	-0.909023857	0.254550139
Q9CWN7	Cnot11	CCR4-NOT transcription complex subunit 11	0.453932667	0.562881708
Q9CWS0	Ddah1	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1	-0.162765185	0.258476893
Q9CWZ3	Rbm8a	RNA-binding protein 8A	0.211080265	-0.439043522
Q9CWZ7	Napg	Gamma-soluble NSF attachment protein	0.005681419	0.361488342
Q9CX00	Ist1	IST1 homolog	0.516192627	0.870552699
Q9CX34	Sugt1	Protein SGT1 homolog	-0.067481931	0.40738074
Q9CX80	Cygb	Cytoglobin	0.081089783	0.344236692
Q9CX86	Hnrnpa0	Heterogeneous nuclear ribonucleoprotein A0	0.232659054	-0.565771262
Q9CXF4	Tbc1d15	TBC1 domain family member 15	-0.310621548	-0.552865505
Q9CXG3	Ppil4	Peptidyl-prolyl cis-trans isomerase-like 4	-0.314405314	-0.07925574
Q9CXJ1	Ears2	Probable glutamate--tRNA ligase, mitochondrial	-0.755601756	0.799687227
Q9CXT8	Pmpcb	Mitochondrial-processing peptidase subunit beta	0.1413421	0.341469765
Q9CXW3	Cacybp	Calcyclin-binding protein	0.12934138	0.187545458
Q9CXW4	Rpl11	60S ribosomal protein L11	0.489271196	0.630515893
Q9CXY6	Ilf2	Interleukin enhancer-binding factor 2	-0.405085627	2.141797225
Q9CY27	Tecr	Very-long-chain enoyl-CoA reductase	0.376054223	0.551691373
Q9CY34	Ube2f	NEDD8-conjugating enzyme UBE2F	0.293479093	1.438507557
Q9CY58	Serbp1	Plasminogen activator inhibitor 1 RNA-binding protein	0.343562794	0.610083262
Q9CY62	Rnf181	E3 ubiquitin-protein ligase RNF181	-0.511585522	1.289090157
Q9CY64	Blvra	Biliverdin reductase A	-0.10236702	0.428557237
Q9CY97	Ssu72	RNA polymerase II subunit A C-terminal domain phosphatase SSU72	-0.189237563	0.323459307
Q9CYA0	Creld2	Protein disulfide isomerase Creld2	0.572075017	0.57668829
Q9CYA6	Zcchc8	Zinc finger CCHC domain-containing protein 8	-1.034908803	-0.055484533
Q9CYG7	Tomm34	Mitochondrial import receptor subunit TOM34	0.05003589	0.158270518
Q9CYT6	Cap2	Adenylyl cyclase-associated protein 2	-0.026615842	-0.339025497
Q9CYU6	Dph7	Diphthine methyltransferase	-0.138802115	-0.04280297
Q9CYW4	Hdhd3	Haloacid dehalogenase-like hydrolase domain-containing protein 3	0.063792578	0.071290175
Q9CZ04	Cops7a	COP9 signalosome complex subunit 7a	-0.255926228	0.406137943
Q9CZ13	Uqcrc1	Cytochrome b-c1 complex subunit 1, mitochondrial	0.111979644	0.594029586
Q9CZ30	Ola1	Obg-like ATPase 1	-0.020484289	0.135638873
Q9CZ44	Nsfl1c	NSFL1 cofactor p47	-0.096943728	0.028851032
Q9CZ49	Klhl35	Kelch-like protein 35	-2.228120359	0.957502842
Q9CZC8	Scrn1	Secernin-1	-0.130798213	0.201165199
Q9CZD3	Gars1	Glycine--tRNA ligase	0.026540947	0.348540147
Q9CZH3	Psmg3	Proteasome assembly chaperone 3	-6.403993758	-5.285201232
Q9CZM2	Rpl15	60S ribosomal protein L15	1.08100996	0.401910146

Q9CZN7	Shmt2	Serine hydroxymethyltransferase, mitochondrial	0.246083132	1.246240775
Q9CZN8	Qrs1	Glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial	-0.240541903	-0.122689088
Q9CZP7	Cdc37l1	Hsp90 co-chaperone Cdc37-like 1	0.280356057	0.55075264
Q9CZR8	Tsfm	Elongation factor Ts, mitochondrial	0.151749198	1.755477111
Q9CZS1	Aldh1b1	Aldehyde dehydrogenase X, mitochondrial	0.393769519	0.283890565
Q9CZT8	Rab3b	Ras-related protein Rab-3B	0.236980597	1.079191844
Q9CZU3	Mtrex	Exosome RNA helicase MTR4	0.21383791	0.383194606
Q9CZU6	Cs	Citrate synthase, mitochondrial	-0.140885862	0.325666746
Q9CZW4	Acs13	Long-chain-fatty-acid--CoA ligase 3	-0.32626044	1.463312149
Q9CZW5	Tomm70	Mitochondrial import receptor subunit TOM70	0.327673054	0.716770808
Q9CZX8	Rps19	40S ribosomal protein S19	0.387564405	0.096848965
Q9CZY3	Ube2v1	Ubiquitin-conjugating enzyme E2 variant 1	0.261027908	0.378947576
Q9D020	Nt5c3a	Cytosolic 5'-nucleotidase 3A	0.072579543	1.000203609
Q9D051	Pdhb	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial	0.431170813	0.70884339
Q9D061	Acbd6	Acyl-CoA-binding domain-containing protein 6	0.108611425	0.475955486
Q9D071	Mms19	MMS19 nucleotide excision repair protein homolog	0.155616665	1.628985564
Q9D0A3	Arpin	Arpin	0.019963042	0.295549711
Q9D0B5	Tstd3	Thiosulfate sulfurtransferase/rhodanese-like domain-containing protein 3	-0.89857591	0.167888165
Q9D0B6	Pbdc1	Protein PBDC1	0.647399426	0.7018013
Q9D0E1	Hnrnpm	Heterogeneous nuclear ribonucleoprotein M	0.118320243	-0.681218147
Q9D0E3	Lysmd1	LysM and putative peptidoglycan-binding domain-containing protein 1	-0.208758068	-0.2833999
Q9D0F9	Pgm1	Phosphoglucomutase-1	-0.219494756	0.012053172
Q9D0I6	Wdsub1	WD repeat, SAM and U-box domain-containing protein 1	-0.526336416	1.187075456
Q9D0I9	Rars1	Arginine--tRNA ligase, cytoplasmic	-0.023154608	0.097572327
Q9D0J4	Arl2	ADP-ribosylation factor-like protein 2	-0.221982797	0.877692858
Q9D0J8	Ptms	Parathymosin	-0.131187216	-0.691634337
Q9D0K2	Oxct1	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial	0.005765851	0.189682007
Q9D0L8	Rnmt	mRNA cap guanine-N7 methyltransferase	-0.188956865	0.064000607
Q9D0M3	Cyc1	Cytochrome c1, heme protein, mitochondrial	0.138555654	0.328148047
Q9D0M5	Dynl12	Dynein light chain 2, cytoplasmic	0.562149111	1.21783034
Q9D0R2	Tars1	Threonine--tRNA ligase 1, cytoplasmic	0.012758986	1.36641264
Q9D0R8	Lsm12	Protein LSM12 homolog	0.014750195	0.05562067
Q9D0S9	Hint2	Histidine triad nucleotide-binding protein 2, mitochondrial	0.036141205	0.777694861
Q9D0T1	Snu13	NHP2-like protein 1	0.085502275	-0.552443504
Q9D0W5	Ppil1	Peptidyl-prolyl cis-trans isomerase-like 1	-0.287996515	-0.414646467
Q9D142	Nudt14	Uridine diphosphate glucose pyrophosphatase NUDT14	0.29092439	-0.316794237
Q9D154	Serp1b1a	Leukocyte elastase inhibitor A	-0.069240443	0.345786413
Q9D172	Gatd3a	Glutamine amidotransferase-like class 1 domain-containing protein 3A, mitochondrial	-0.097226143	0.466411273
Q9D1A2	Cndp2	Cytosolic non-specific dipeptidase	-0.007393837	0.188247681
Q9D1C8	Vps28	Vacuolar protein sorting-associated protein 28 homolog	-0.273992443	0.796913306
Q9D1E6	Tbcb	Tubulin-folding cofactor B	-0.172103691	0.379100482
Q9D1G1	Rab1b	Ras-related protein Rab-1B	-0.044823106	-0.175121625
Q9D1H7	Get4	Golgi to ER traffic protein 4 homolog	0.29963239	0.073179086
Q9D1J1	Necap2	Adaptin ear-binding coat-associated protein 2	-0.395791086	-1.324465195

Q9D1J3	Sarnp	SAP domain-containing ribonucleoprotein	0.269025485	0.483207226
Q9D1K2	Atp6v1f	V-type proton ATPase subunit F	0.001714547	-1.262481372
Q9D1M0	Sec13	Protein SEC13 homolog	0.079809984	0.469106038
Q9D1M4	Eef1e1	Eukaryotic translation elongation factor 1 epsilon-1	1.1593853	-1.218819141
Q9D1P4	Chordc1	Cysteine and histidine-rich domain-containing protein 1	-0.237991778	-0.060557365
Q9D1Q6	Erp44	Endoplasmic reticulum resident protein 44	-0.17235829	0.319630305
Q9D1R9	Rpl34	60S ribosomal protein L34	0.846097755	0.836380323
Q9D273	Mmab	Corrinoid adenosyltransferase	0.267037169	0.214512189
Q9D2C2	Saal1	Protein SAAL1	-0.344705264	-0.209294637
Q9D2G2	Dlst	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial	0.641023318	0.310432911
Q9D2M8	Ube2v2	Ubiquitin-conjugating enzyme E2 variant 2	0.13579642	0.544256687
Q9D2N9	Vps33a	Vacuolar protein sorting-associated protein 33A	-0.616489792	0.27063338
Q9D2Q8	S100a14	Protein S100-A14	0.45364062	-0.846760114
Q9D2R0	Aacs	Acetoacetyl-CoA synthetase	-0.150839806	0.427500884
Q9D2V7	Coro7	Coronin-7	0.074939982	0.257266998
Q9D358	Acp1	Low molecular weight phosphotyrosine protein phosphatase	0.173071734	-0.569061597
Q9D385	Arl2bp	ADP-ribosylation factor-like protein 2-binding protein	-1.18689607	0.116432826
Q9D394	Rufy3	Protein RUFY3	-0.145520083	0.262126446
Q9D3D0	Ttpal	Alpha-tocopherol transfer protein-like	-0.045560551	1.252351681
Q9D3D9	Atp5f1d	ATP synthase subunit delta, mitochondrial	0.478252093	0.575553576
Q9D404	Oxsm	3-oxoacyl-[acyl-carrier-protein] synthase, mitochondrial	0.209889062	1.942657113
Q9D4C9	Clvs1	Clavesin-1	0.181151772	1.328204632
Q9D4H2	Gcc1	GRIP and coiled-coil domain-containing protein 1	0.054934947	-0.324516455
Q9D4H8	Cul2	Cullin-2	-0.012224611	-0.144267718
Q9D4I9	Rab23	Ras-related protein Rab-23	0.052057997	0.387166023
Q9D4J1	Efh1d	EF-hand domain-containing protein D1	-0.240897465	1.245442788
Q9D554	Sf3a3	Splicing factor 3A subunit 3	0.470491123	-0.737774849
Q9D5J6	Shpk	Sedoheptulokinase	0.036063894	1.455506961
Q9D5V5	Cul5	Cullin-5	-0.045363712	0.130580584
Q9D5V6	Syap1	Synapse-associated protein 1	0.345703824	-0.368486722
Q9D646	Krt34	Keratin, type I cuticular Ha4	1.106880093	-0.797065894
Q9D662	Sec23b	Protein transport protein Sec23B	-0.04701821	-0.086735725
Q9D6E4	Ttc9b	Tetratricopeptide repeat protein 9B	0.941756916	0.738278071
Q9D6F9	Tubb4a	Tubulin beta-4A chain	-0.421510887	0.150794983
Q9D6H2	Hspb11	Intraflagellar transport protein 25 homolog	0.508115896	0.073940118
Q9D6J6	Ndufv2	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial	0.593388398	1.171664238
Q9D6L8	Ppil3	Peptidyl-prolyl cis-trans isomerase-like 3	0.385405636	-0.014722029
Q9D6M3	Slc25a22	Mitochondrial glutamate carrier 1	0.213526789	0.571264267
Q9D6P8	Calml3	Calmodulin-like protein 3	0.113606866	-1.796571732
Q9D6R2	Idh3a	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial	-0.095474625	0.54514726
Q9D6S7	Mrrf	Ribosome-recycling factor, mitochondrial	-0.21058197	0.989789883
Q9D6W8	Borcs6	BLOC-1-related complex subunit 6	0.457356008	0.105734984
Q9D6Y7	Msra	Mitochondrial peptide methionine sulfoxide reductase	-0.229800701	0.4281497
Q9D706	Rpap3	RNA polymerase II-associated protein 3	-0.201555665	-0.537773291

Q9D708	S100a16	Protein S100-A16	0.090470664	-0.390022278
Q9D7A8	Armcl	Armadoillo repeat-containing protein 1	0.28950386	0.214905262
Q9D7H3	RtcA	RNA 3'-terminal phosphate cyclase	0.320702998	-0.627337933
Q9D7I5	Lhpp	Phospholysine phosphohistidine inorganic pyrophosphate phosphatase	-0.270536677	1.715363503
Q9D7N9	Apmmap	Adipocyte plasma membrane-associated protein	-0.40054547	1.193078597
Q9D7P6	Iscu	Iron-sulfur cluster assembly enzyme ISCU, mitochondrial	-0.021397177	0.351029078
Q9D7S7	Rpl22l1	60S ribosomal protein L22-like 1	-0.081073475	-0.81424586
Q9D7S9	Chmp5	Charged multivesicular body protein 5	0.22115469	0.54470555
Q9D7X8	Ggct	Gamma-glutamylcyclotransferase	0.068821907	0.463652929
Q9D819	Ppa1	Inorganic pyrophosphatase	-0.005095673	0.71156311
Q9D820	Prorsd1	Prolyl-tRNA synthetase associated domain-containing protein 1	0.064640919	0.699301163
Q9D832	Dnajb4	DnaJ homolog subfamily B member 4	0.769522953	0.659254233
Q9D853	Eef1akmt2	EEF1A lysine methyltransferase 2	0.279551411	0.225643794
Q9D883	U2af1	Splicing factor U2AF 35 kDa subunit	0.110047817	0.676963647
Q9D892	Itpa	Inosine triphosphate pyrophosphatase	0.282217725	0.7628088
Q9D898	Arpc5l	Actin-related protein 2/3 complex subunit 5-like protein	0.225609239	-0.394990762
Q9D8B3	Chmp4b	Charged multivesicular body protein 4b	2.98E-01	0.357741356
Q9D8E6	Rpl4	60S ribosomal protein L4	0.438063272	1.28915596
Q9D8L5	Ccdc91	Coiled-coil domain-containing protein 91	-0.699565379	0.888944467
Q9D8N0	Eef1g	Elongation factor 1-gamma	-0.037552357	0.115379333
Q9D8S4	Rexo2	Oligoribonuclease, mitochondrial	0.133328978	0.776655992
Q9D8S9	Bola1	Bola-like protein 1	-0.068758424	0.205066363
Q9D8U8	Snx5	Sorting nexin-5	0.122349866	-0.166023254
Q9D8W5	Psm12	26S proteasome non-ATPase regulatory subunit 12	-0.126191616	-0.002003034
Q9D964	Gatm	Glycine amidinotransferase, mitochondrial	-0.088460096	0.231538773
Q9D967	Mdp1	Magnesium-dependent phosphatase 1	0.550641696	0.286132813
Q9D9H8		UPF0565 protein C2orf69 homolog	-0.269767348	-0.200796604
Q9D9M5	Phospho2	Pyridoxal phosphate phosphatase PHOSPHO2	-0.450953929	0.246092161
Q9D9V3	Echdc1	Ethylmalonyl-CoA decarboxylase	0.035974948	0.358151277
Q9DA03	Lym7	Complex III assembly factor LYRM7	-0.420396105	-0.34763368
Q9DAI2	Ift22	Intraflagellar transport protein 22 homolog	0.349792067	1.394398212
Q9DAK9	Phpt1	14 kDa phosphohistidine phosphatase	-0.104124896	0.527506034
Q9DAM7	Tmem263	Transmembrane protein 263	0.4941974	1.68179671
Q9DAR7	Dcps	m7GpppX diphosphatase	-0.072466087	0.499771118
Q9DAT5	Trmu	Mitochondrial tRNA-specific 2-thiouridylase 1	-0.10179491	0.478078445
Q9DAU1	Cnpy3	Protein canopy homolog 3	0.614664586	0.501169999
Q9DAW9	Cnn3	Calponin-3	-0.093041007	0.25798734
Q9DAZ9	Zfyve19	Abscission/NoCut checkpoint regulator	0.580169042	0.528602282
Q9DB05	Napa	Alpha-soluble NSF attachment protein	-0.148433558	-0.284953117
Q9DB15	Mrpl12	39S ribosomal protein L12, mitochondrial	0.69306167	2.44163688
Q9DB16	Cab39l	Calcium-binding protein 39-like	0.230880578	0.854097684
Q9DB20	Atp5po	ATP synthase subunit O, mitochondrial	0.168240611	1.7723972
Q9DB27	Mcts1	Malignant T-cell-amplified sequence 1	0.291719913	0.000289281
Q9DB29	Iah1	Isoamyl acetate-hydrolyzing esterase 1 homolog	0.201455911	0.563068708
Q9DB32	Haghl	Hydroxyacylglutathione hydrolase-like protein	-0.205292956	0.322115739

Q9DB34	Chmp2a	Charged multivesicular body protein 2a	0.014757665	-0.114843686
Q9DB50	Ap1s2	AP-1 complex subunit sigma-2	0.118074767	0.044264476
Q9DB60	Prxl2b	Prostamide/prostaglandin F synthase	-0.091587766	0.942902406
Q9DB77	Uqcrc2	Cytochrome b-c1 complex subunit 2, mitochondrial	0.148736095	0.4004275
Q9DBB8	Dhdh	Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase	-0.22556111	0.437476953
Q9DBC0	Selenoo	Protein adenylyltransferase SelO, mitochondrial	-0.149439367	0.088007609
Q9DBC3	Cmtr1	Cap-specific mRNA (nucleoside-2'-O-)-methyltransferase 1	-0.659578164	0.60668246
Q9DBC7	Prkar1a	cAMP-dependent protein kinase type I-alpha regulatory subunit	-0.203060913	0.085992813
Q9DBE0	Csad	Cysteine sulfinic acid decarboxylase	-0.216751226	0.630828698
Q9DBF1	Aldh7a1	Alpha-aminoadipic semialdehyde dehydrogenase	-0.188617039	0.269646486
Q9DBG3	Ap2b1	AP-2 complex subunit beta	-0.047379112	0.334677696
Q9DBG5	Plin3	Perilipin-3	-0.191439374	0.417452494
Q9DBG9	Tax1bp3	Tax1-binding protein 3	-0.400149314	-0.113520304
Q9DBJ1	Pgam1	Phosphoglycerate mutase 1	-0.392658806	0.319819768
Q9DBL1	Acadsb	Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial	-0.192298253	0.506065687
Q9DBL7	Coasy	Bifunctional coenzyme A synthase	-0.081973044	0.391194185
Q9DBP5	Cmpk1	UMP-CMP kinase	-0.165692584	0.26763312
Q9DBR0	Akap8	A-kinase anchor protein 8	-0.415796026	0.257771651
Q9DBR1	Xrn2	5'-3' exoribonuclease 2	-1.353430907	-0.236963908
Q9DBR7	Ppp1r12a	Protein phosphatase 1 regulatory subunit 12A	-0.039984989	-0.010243893
Q9DBS5	Klc4	Kinesin light chain 4	-0.207887236	0.333625793
Q9DBX2	Pdcl	Phosducin-like protein	-0.507782078	0.935072581
Q9DBZ5	Eif3k	Eukaryotic translation initiation factor 3 subunit K	0.186619504	-0.749997934
Q9DC07	Nebi	LIM zinc-binding domain-containing Nebulette	0.041829491	0.401135445
Q9DC22	Dcaf6	DDB1- and CUL4-associated factor 6	-1.140384706	-0.146187147
Q9DC50	Crot	Peroxisomal carnitine O-octanoyltransferase	0.308085155	0.243565083
Q9DC51	Gnai3	Guanine nucleotide-binding protein G(i) subunit alpha-3	-0.80110124	-0.568980853
Q9DC61	Pmpca	Mitochondrial-processing peptidase subunit alpha	0.222509766	0.516581535
Q9DC63	Fbxo3	F-box only protein 3	-0.33538847	-1.181020578
Q9DC70	Ndufs7	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial	-1.050713476	-0.581745942
Q9DCB4	Arpp21	cAMP-regulated phosphoprotein 21	0.443482176	0.408137639
Q9DCC4	Pycr3	Pyrroline-5-carboxylate reductase 3	-0.189449946	-0.047275225
Q9DCD0	Pgd	6-phosphogluconate dehydrogenase, decarboxylating	0.06582648	0.48983558
Q9DCH4	Eif3f	Eukaryotic translation initiation factor 3 subunit F	0.060839144	-0.238871892
Q9DCJ1	Mlst8	Target of rapamycin complex subunit LST8	1.424321306	1.705774943
Q9DCJ5	Ndufa8	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8	-0.316278712	0.158759594
Q9DCJ9	Npl	N-acetylneuraminate lyase	-0.131410599	-0.803738356
Q9DCL8	Ppp1r2	Protein phosphatase inhibitor 2	-0.174108028	0.110277494
Q9DCL9	Paics	Multifunctional protein ADE2	0.111182658	0.640442053
Q9DCM0	Ethe1	Persulfide dioxygenase ETHE1, mitochondrial	-0.074747817	-0.126637618
Q9DCM2	Gstk1	Glutathione S-transferase kappa 1	0.348800087	2.00746568
Q9DCN1	Nudt12	NAD-capped RNA hydrolase NUDT12	1.250739352	-1.69688344
Q9DCR2	Ap3s1	AP-3 complex subunit sigma-1	0.203468609	0.545028369
Q9DCS2	Mettl26	Methyltransferase-like 26	-0.160371017	0.345266183
Q9DCS3	Mecr	Enoyl-[acyl-carrier-protein] reductase, mitochondrial	-0.157481956	0.83151118

Q9DCT1	Akr1e2	1,5-anhydro-D-fructose reductase	0.206502183	0.478045146
Q9DCT2	Ndufs3	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial	-2.032703447	-0.096115748
Q9DCT8	Crip2	Cysteine-rich protein 2	-0.177671719	0.479729176
Q9DCV4	Rmdn1	Regulator of microtubule dynamics protein 1	0.499997902	0.616429806
Q9DCW4	Etfb	Electron transfer flavoprotein subunit beta	-0.057212766	0.444683711
Q9DCZ1	Gmpr	GMP reductase 1	-0.026262919	0.459355354
Q9DCZ4	Apoo	MICOS complex subunit Mic26	0.387436072	0.024131298
Q9DD02	Hikeshi	Protein Hikeshi	-0.948594602	0.078399499
Q9DD18	Dtd1	D-aminoacyl-tRNA deacylase 1	-0.308723132	0.56122216
Q9EP53	Tsc1	Hamartin	0.340252145	0.792668978
Q9EPL2	Clstn1	Calsyntenin-1	0.006975269	0.283500036
Q9EPL8	Ipo7	Importin-7	-0.144386959	0.40314436
Q9EPN1	Nbea	Neurobeachin	-0.026334635	-0.24891154
Q9EPQ7	Stard5	StAR-related lipid transfer protein 5	-0.32086366	-0.264168898
Q9EPU0	Upf1	Regulator of nonsense transcripts 1	0.404827309	1.23537159
Q9EQ06	Hsd17b11	Estradiol 17-beta-dehydrogenase 11	-0.130569935	1.354497433
Q9EQ08	Sgsh	Heparan N-sulfatase	-0.25626564	-0.18197902
Q9EQ20	Aldh6a1	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial	-0.037593969	0.348591169
Q9EQ80	Nif3l1	NIF3-like protein 1	-0.281942972	0.245337327
Q9EQC8	Prcc	Papillary Renal Cell carcinoma (Translocation-associated)	-1.636943404	-0.179983934
Q9EQF6	Dpysl5	Dihydropyrimidinase-related protein 5	0.090829849	0.210102717
Q9EQG7	Enpp5	Ectonucleotide pyrophosphatase/phosphodiesterase family member 5	-0.309972223	-0.760838032
Q9EQG9	Cert1	Ceramide transfer protein	0.526047198	1.425781647
Q9EQH2	Erap1	Endoplasmic reticulum aminopeptidase 1	0.822447968	0.053230286
Q9EQH3	Vps35	Vacuolar protein sorting-associated protein 35	-0.048638153	0.344895681
Q9EQP2	Ehd4	EH domain-containing protein 4	1.34933246	2.687906027
Q9EQQ9	Oga	Protein O-GlcNAcase	-0.097235902	0.411819458
Q9ER00	Stx12	Syntaxin-12	0.177465789	1.029426257
Q9ER05	Ctrl	Chymopasin	0.215825049	0.240746021
Q9ER35	Fn3k	Fructosamine-3-kinase	0.088849449	0.137296995
Q9ER58	Spock2	Testican-2	0.245934391	0.693342527
Q9ER72	Cars1	Cysteine--tRNA ligase, cytoplasmic	0.059147135	0.31087478
Q9ER73	Elp4	Elongator complex protein 4	-0.030184778	0.901927551
Q9ERD7	Tubb3	Tubulin beta-3 chain	-0.235023371	0.653243383
Q9ERE7	Mesd	LRP chaperone MESD	0.047599665	0.485406081
Q9ERF3	Wdr61	WD repeat-containing protein 61	-0.094087442	0.046302954
Q9ERG2	Strn3	Striatin-3	0.048267269	0.150609652
Q9ERI6	Rdh14	Retinol dehydrogenase 14	0.350264041	2.22238938
Q9ERK4	Cse1l	Exportin-2	-0.012914054	0.195955276
Q9ERL9	Gucy1a1	Guanylate cyclase soluble subunit alpha-1	-0.015156778	0.537081401
Q9ERQ8	Ca7	Carbonic anhydrase 7	-0.126340675	0.377914111
Q9ERR1	Ndel1	Nuclear distribution protein nudE-like 1	-0.089865812	-0.022618294
Q9ERS2	Ndufa13	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 13	-0.44875164	1.048749288
Q9ERU9	Ranbp2	E3 SUMO-protein ligase RanBP2	-0.175432173	1.097095788
Q9ES28	Arhgef7	Rho guanine nucleotide exchange factor 7	-0.103737259	-0.195126216

Q9ES56	Trappc4	Trafficking protein particle complex subunit 4	0.43907938	1.262586912
Q9ES74	Nek7	Serine/threonine-protein kinase Nek7	-0.887618351	0.985719522
Q9ES97	Rtn3	Reticulon-3	0.102406534	0.338472366
Q9ESJ4	Nckipsd	NCK-interacting protein with SH3 domain	-0.086725521	0.111334801
Q9ESM3	Hapln2	Hyaluronan and proteoglycan link protein 2	0.019044272	1.064477523
Q9ESN6	Trim2	Tripartite motif-containing protein 2	0.18714625	0.391760031
Q9ESP1	Sdf2l1	Stromal cell-derived factor 2-like protein 1	-1.404926586	0.814697107
Q9EST1	Gsdma	Gasdermin-A	0.241076724	-0.05045716
Q9EST4	Psmg2	Proteasome assembly chaperone 2	0.158635871	0.847113848
Q9EST5	Anp32b	Acidic leucine-rich nuclear phosphoprotein 32 family member B	-0.086920706	-0.2542003
Q9ESW8	Pgpep1	Pyroglutamyl-peptidase 1	-0.272013124	2.4098924
Q9ET01	Pygl	Glycogen phosphorylase, liver form	-0.486029243	-0.21677955
Q9ET22	Dpp7	Dipeptidyl peptidase 2	-0.034938367	0.519420783
Q9ET26	Rnf114	E3 ubiquitin-protein ligase RNF114	-0.171035099	0.740194003
Q9JHG0	Cbln3	Cerebellin-3	-0.582908376	-0.858700434
Q9JHG6	Rcan1	Calcipressin-1	-0.23984979	-0.425274531
Q9JHI5	Ivd	Isovaleryl-CoA dehydrogenase, mitochondrial	-0.254151217	-0.075072765
Q9JHK4	Rabggta	Geranylgeranyl transferase type-2 subunit alpha	-0.034773477	0.486203194
Q9JHQ5	Lztf1	Leucine zipper transcription factor-like protein 1	0.123950068	0.505829016
Q9JHS3	Lamtor2	Ragulator complex protein LAMTOR2	-0.122008546	-0.153224309
Q9JHS9	Cwc15	Spliceosome-associated protein CWC15 homolog	0.399394258	0.333708445
Q9JHU4	Dync1h1	Cytoplasmic dynein 1 heavy chain 1	-0.128191439	-0.362201055
Q9JHU9	Isyna1	Inositol-3-phosphate synthase 1	-0.004401875	0.370164553
Q9JHW2	Nit2	Omega-amidase NIT2	0.112141577	0.425374667
Q9JHX6	Allc	Probable allantoicase	2.027825546	-0.242522796
Q9JI11	Stk4	Serine/threonine-protein kinase 4	-0.057840951	0.333349546
Q9JI46	Nudt3	Diphosphoinositol polyphosphate phosphohydrolase 1	-0.174658585	0.526937167
Q9JI75	Nqo2	Ribosyldihydronicotinamide dehydrogenase [quinone]	-0.28498284	0.240621726
Q9JI90	Rnf14	E3 ubiquitin-protein ligase RNF14	-0.037613869	0.771457036
Q9JI91	Actn2	Alpha-actinin-2	0.491034381	0.261003494
Q9JIA7	Sphk2	Sphingosine kinase 2	-0.68496453	0.464122534
Q9JIF7	Copb1	Coatomer subunit beta	0.020428944	0.065823714
Q9JIG4	Ppp1r3f	Protein phosphatase 1 regulatory subunit 3F	0.664507993	-0.176555951
Q9JIG7	Ccdc22	Coiled-coil domain-containing protein 22	-0.125241788	-0.714517752
Q9JIG8	Praf2	PRA1 family protein 2	0.742333825	-1.3349576
Q9JIH2	Nup50	Nuclear pore complex protein Nup50	0.415918636	-0.650874138
Q9JII6	Akr1a1	Aldo-keto reductase family 1 member A1	-0.108078448	0.221992175
Q9JIS5	Sv2a	Synaptic vesicle glycoprotein 2A	0.508957481	0.356059869
Q9JIY5	Htra2	Serine protease HTRA2, mitochondrial	0.282515748	0.199985027
Q9JJ28	Flii	Protein flightless-1 homolog	-0.219226011	-0.03911225
Q9JJA4	Wdr12	Ribosome biogenesis protein WDR12	-1.53826437	-0.079484105
Q9JJC6	Rilpl1	RILP-like protein 1	0.002129873	0.427700837
Q9JJF0	Nap1l5	Nucleosome assembly protein 1-like 5	1.646271833	1.48287948
Q9JIG0	Tacc2	Transforming acidic coiled-coil-containing protein 2	0.07008969	0.027644475
Q9JJI8	Rpl38	60S ribosomal protein L38	1.02360398	1.3812747
Q9JJK2	Lancl2	LanC-like protein 2	-0.086822478	0.746965885

Q9JL8	Sars2	Serine--tRNA ligase, mitochondrial	-0.193818442	-0.396547318
Q9JU8	Sh3bgrl	SH3 domain-binding glutamic acid-rich-like protein	-0.247832648	0.172148863
Q9JV2	Pfn2	Profilin-2	-0.004963621	0.734194438
Q9JX7	Tdp2	Tyrosyl-DNA phosphodiesterase 2	1.665159289	-0.094973564
Q9JZ2	Tuba8	Tubulin alpha-8 chain	-0.061418883	1.11220932
Q9JK23	Psmg1	Proteasome assembly chaperone 1	-0.178116163	2.336922169
Q9JK38	Gnpnat1	Glucosamine 6-phosphate N-acetyltransferase	-0.673195918	1.324674765
Q9JK42	Pdk2	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 2, mitochondrial	-0.068828487	0.433629036
Q9JK81	Myg1	MYG1 exonuclease	-0.278246403	0.137531122
Q9JK92	Hspb8	Heat shock protein beta-8	0.202277247	-2.09048605
Q9JKB1	Uchl3	Ubiquitin carboxyl-terminal hydrolase isozyme L3	-0.306162262	0.850188573
Q9JKB3	Ybx3	Y-box-binding protein 3	0.826678944	-0.543345928
Q9JKB6	Cend1	Cell cycle exit and neuronal differentiation protein 1	0.869669151	0.474733988
Q9JKB8	Ap3m1	AP-3 complex subunit mu-1	0.761103185	0.877383709
Q9JKB3	Scamp5	Secretory carrier-associated membrane protein 5	-0.016260433	-0.636369864
Q9JKB1	Iqgap1	Ras GTPase-activating-like protein IQGAP1	-0.759422874	0.036413352
Q9JKB0	Rcan3	Calciopressin-3	0.249962521	-0.44731768
Q9JKB7	Tmod2	Tropomodulin-2	0.323860677	-0.009931405
Q9JKB4	Ndudaf3	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 3	0.325108083	0.488463402
Q9JKB6	Nova1	RNA-binding protein Nova-1	0.084812546	0.545608838
Q9JKB6	Hyou1	Hypoxia up-regulated protein 1	0.207761002	0.214867751
Q9JKB6	Nudt5	ADP-sugar pyrophosphatase	0.066856543	0.232856115
Q9JKB0	Cnot9	CCR4-NOT transcription complex subunit 9	0.820779737	3.573826075
Q9JKB5	Hip1r	Huntingtin-interacting protein 1-related protein	-0.266636435	0.292839686
Q9JLB4	Fmn2	Formin-2	-0.160192617	-0.488301913
Q9JLB5	Hmgn5	High mobility group nucleosome-binding domain-containing protein 5	-1.529198027	0.695908388
Q9JLB2	Gltg	Glycolipid transfer protein	0.275670465	0.695176601
Q9JLB0	Mpp6	MAGUK p55 subfamily member 6	-0.131676865	0.246022542
Q9JLB2	Mpp5	MAGUK p55 subfamily member 5	-0.783116945	0.263886929
Q9JLB8	Sart3	Squamous cell carcinoma antigen recognized by T-cells 3	-0.416350651	-0.178068002
Q9JLB2	Aldh9a1	4-trimethylaminobutyraldehyde dehydrogenase	-0.279429054	0.36068964
Q9JLB8	Dcll1	Serine/threonine-protein kinase DCLK1	0.201310031	-0.102779071
Q9JLB9	Mtor	Serine/threonine-protein kinase mTOR	0.252703412	-1.310521762
Q9JLB0	Cd2ap	CD2-associated protein	-1.148249563	0.75780344
Q9JLB1	Bag3	BAG family molecular chaperone regulator 3	0.302851137	0.46707805
Q9JLB5	Cul3	Cullin-3	-0.12078495	0.158657392
Q9JLB3	Rabgef1	Rab5 GDP/GTP exchange factor	0.035465018	0.3195858
Q9JLB4	Nt5c	5'(3')-deoxyribonucleotidase, cytosolic type	-1.926533381	-3.346525788
Q9JLB6	Kcnj10	ATP-sensitive inward rectifier potassium channel 10	0.132454999	0.423060338
Q9JLB7	Arpc3	Actin-related protein 2/3 complex subunit 3	0.220098432	-0.136130015
Q9JLB6	Cdc42ep4	Cdc42 effector protein 4	0.204014015	0.628968716
Q9JLB2	Qtrt1	Queuine tRNA-ribosyltransferase catalytic subunit 1	-0.543324089	0.55806764
Q9JLB3	Dnaja4	DnaJ homolog subfamily A member 4	0.324016794	0.207468351
Q9JLB0	Znf207	BUB3-interacting and GLEBS motif-containing protein ZNF207	0.298949019	0.068638007
Q9JLB3	Stard10	START domain-containing protein 10	0.382273801	0.687183062

Q9JME5	Ap3b2	AP-3 complex subunit beta-2	-0.024757067	0.013994376
Q9JME7	Trappc2l	Trafficking protein particle complex subunit 2-like protein	0.332265186	0.966573715
Q9JMG1	Edf1	Endothelial differentiation-related factor 1	-0.777645048	0.858087619
Q9JMG7	Hdgf3	Hepatoma-derived growth factor-related protein 3	0.25568711	0.554837068
Q9JMH6	Txnrd1	Thioredoxin reductase 1, cytoplasmic	-0.107462025	0.197085539
Q9QUH0	Glrx	Glutaredoxin-1	-0.179892445	1.844085693
Q9QUI0	Rhoa	Transforming protein RhoA	0.19581941	0.481010119
Q9QUK6	Tlr4	Toll-like receptor 4	-0.179458046	-0.710991859
Q9QUM9	Psma6	Proteasome subunit alpha type-6	0.010075633	0.038008849
Q9QUN9	Dkk3	Dickkopf-related protein 3	0.219362895	1.535451392
Q9QUP5	Hapln1	Hyaluronan and proteoglycan link protein 1	-0.436365827	0.170202573
Q9QUR6	Prep	Prolyl endopeptidase	-0.077428595	0.631149292
Q9QUR7	Pin1	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1	-0.275087674	0.544430097
Q9QUR8	Sema7a	Semaphorin-7A	0.042053477	0.733533859
Q9QVP9	Ptk2b	Protein-tyrosine kinase 2-beta	0.130511824	0.316868464
Q9QWL7	Krt17	Keratin, type I cytoskeletal 17	-0.501928329	-0.753131549
Q9QWR8	Naga	Alpha-N-acetylgalactosaminidase	-0.023212465	-0.052299658
Q9QX60	Dguok	Deoxyguanosine kinase, mitochondrial	0.418687153	1.00664409
Q9QXB9	Drg2	Developmentally-regulated GTP-binding protein 2	-0.191457431	0.104245822
Q9QXC1	Fetub	Fetuin-B	-0.080801964	-0.516563972
Q9QXD8	Limd1	LIM domain-containing protein 1	-1.030058479	-0.258509795
Q9QXE7	Tbl1x	F-box-like/WD repeat-containing protein TBL1X	-0.355267588	-0.323601087
Q9QXK3	Copg2	Coatomer subunit gamma-2	0.105205345	0.370618025
Q9QXS1	Plec	Plectin	-0.043397427	0.000507196
Q9QXS6	Dbn1	Drebrin	0.11012586	0.142439206
Q9QXT0	Cnpy2	Protein canopy homolog 2	0.031528727	0.25289615
Q9QXV0	Pcsk1n	ProSAAS	0.821096961	1.313718001
Q9QXY6	Ehd3	EH domain-containing protein 3	0.174005795	0.404179732
Q9QY23	Pkp3	Plakophilin-3	-0.587987455	-0.608235359
Q9QYB1	Clic4	Chloride intracellular channel protein 4	0.00984513	0.140503407
Q9QYB5	Add3	Gamma-adducin	0.028942521	0.0491786
Q9QYB8	Add2	Beta-adducin	0.087429301	0.213655949
Q9QYC0	Add1	Alpha-adducin	-0.013973236	-0.054872831
Q9QYF9	Ndrp3	Protein NDRG3	-0.272017097	-0.472156207
Q9QYG0	Ndrp2	Protein NDRG2	-0.057124647	0.398996989
Q9QYH6	Maged1	Melanoma-associated antigen D1	-0.082194646	0.582821369
Q9QYI5	Dnajb2	DnaJ homolog subfamily B member 2	0.17914896	0.391619205
Q9QYJ0	Dnaja2	DnaJ homolog subfamily A member 2	0.207793935	0.386370341
Q9QYJ3	Dnajb1	DnaJ homolog subfamily B member 1	0.195202128	0.371157964
Q9QYK9	Pnck	Calcium/calmodulin-dependent protein kinase type 1B	-0.224699084	2.142407209
Q9QYP6	Azi2	5-azacytidine-induced protein 2	-1.363344701	-0.702035904
Q9QYR9	Acot2	Acyl-coenzyme A thioesterase 2, mitochondrial	-0.253022321	-0.469224771
Q9QYS9	Qki	Protein quaking	0.120967865	-0.548602422
Q9QYX7	Pclo	Protein piccolo	0.066287772	0.140352726
Q9QZ06	Tollip	Toll-interacting protein	0.11044213	0.66782093
Q9QZ08	Nagk	N-acetyl-D-glucosamine kinase	-0.281176408	0.632123947

Q9QZ73	Dcun1d1	DCN1-like protein 1	-0.136038494	0.915631612
Q9QZA0	Ca5b	Carbonic anhydrase 5B, mitochondrial	-0.347280248	0.135289749
Q9QZB7	Actr10	Actin-related protein 10	-0.666127364	-0.966959318
Q9QZB9	Dctn5	Dynactin subunit 5	0.658474795	-0.009749095
Q9QZD9	Eif3i	Eukaryotic translation initiation factor 3 subunit I	0.06793677	0.187952677
Q9QZE5	Copg1	Coatomer subunit gamma-1	-0.203674571	0.289383888
Q9QZE7	Tsnax	Translin-associated protein X	-0.202720515	0.872801304
Q9QZH3	Ppie	Peptidyl-prolyl cis-trans isomerase E	-0.33622268	-0.465042909
Q9QZM0	Ubqln2	Ubiquilin-2	0.330653286	0.748523394
Q9QZQ8	Macroh2a1	Core histone macro-H2A.1	0.702847481	0.228655656
Q9QZX7	Srr	Serine racemase	0.152975178	0.435303688
Q9R013	Ctsf	Cathepsin F	0.235879993	0.015516917
Q9R060	Nubp1	Cytosolic Fe-S cluster assembly factor NUBP1	-0.157013385	0.191035112
Q9R062	Gyg1	Glycogenin-1	-0.322547181	0.874169827
Q9R069	Bcam	Basal cell adhesion molecule	-0.093005657	0.451111158
Q9R0D8	Wdr54	WD repeat-containing protein 54	0.000596174	-0.463736216
Q9R0H5	Krt71	Keratin, type II cytoskeletal 71	0.264483388	0.378551801
Q9R0N0	Galk1	Galactokinase	0.081622632	0.792551041
Q9R0P4	Smap	Small acidic protein	0.265786457	-0.313777288
Q9R0P5	Dstn	Destrin	-0.131034851	0.65547657
Q9R0P9	Uchl1	Ubiquitin carboxyl-terminal hydrolase isozyme L1	-0.383563105	-0.007361412
Q9R0Q6	Arpc1a	Actin-related protein 2/3 complex subunit 1A	0.198253568	0.155891418
Q9R0Q7	Ptges3	Prostaglandin E synthase 3	-0.0719649	0.431777318
Q9R0X4	Acot9	Acyl-coenzyme A thioesterase 9, mitochondrial	-0.326701196	0.024362564
Q9R0Y5	Ak1	Adenylate kinase isoenzyme 1	-0.090215556	0.64356041
Q9R111	Gda	Guanine deaminase	0.125234222	0.289913813
Q9R171	Cbln1	Cerebellin-1	-0.499575806	0.222829024
Q9R190	Mta2	Metastasis-associated protein MTA2	-0.556608327	-1.144588629
Q9R1E6	Enpp2	Ectonucleotide pyrophosphatase/phosphodiesterase family member 2	-0.176805814	-0.43230025
Q9R1K9	Cetn2	Centrin-2	0.432979266	0.581146558
Q9R1L5	Mast1	Microtubule-associated serine/threonine-protein kinase 1	-0.117659569	0.360205491
Q9R1P0	Psm4	Proteasome subunit alpha type-4	0.166354275	0.275808493
Q9R1P1	Psm3	Proteasome subunit beta type-3	0.102499262	0.540176074
Q9R1P3	Psm2	Proteasome subunit beta type-2	0.275844828	-0.327233791
Q9R1P4	Psm1	Proteasome subunit alpha type-1	-0.109064356	-0.005343437
Q9R1Q8	Tagln3	Transgelin-3	0.116392072	0.323883692
Q9R1T2	Sae1	SUMO-activating enzyme subunit 1	-0.045749124	0.567392349
Q9R1T4	Septin6	Septin-6	0.033084774	0.195815245
Q9R1Z7	Pts	6-pyruvoyl tetrahydrobiopterin synthase	-0.058268388	-0.178336302
Q9WTK7	Stk11	Serine/threonine-protein kinase STK11	-0.003016249	0.295464357
Q9WTL4	Insrr	Insulin receptor-related protein	0.033352343	-1.203959147
Q9WTL7	Lypla2	Acyl-protein thioesterase 2	-0.212176005	0.4801507
Q9WTM5	Ruvbl2	RuvB-like 2	0.091560809	0.49754556
Q9WTN0	Ggps1	Geranylgeranyl pyrophosphate synthase	0.157161681	-0.00158151
Q9WTP6	Ak2	Adenylate kinase 2, mitochondrial	-0.002410825	0.850938002

Q9WTP7	Ak3	GTP:AMP phosphotransferase AK3, mitochondrial	-0.021206188	0.309358279
Q9WTR5	Cdh13	Cadherin-13	0.545769882	0.499493281
Q9WTT4	Atp6v1g2	V-type proton ATPase subunit G 2	-0.646126842	0.450149695
Q9WTU6	Mapk9	Mitogen-activated protein kinase 9	0.204345036	-0.558873812
Q9WTX5	Skp1	S-phase kinase-associated protein 1	-0.210536003	-0.205556393
Q9WTX6	Cul1	Cullin-1	-0.206349754	0.063896656
Q9WTX8	Mad1l1	Mitotic spindle assembly checkpoint protein MAD1	-0.239301936	-0.422130664
Q9WU22	Ptpn4	Tyrosine-protein phosphatase non-receptor type 4	-0.585439173	-0.02038463
Q9WU63	Hebp2	Heme-binding protein 2	0.05216287	0.388056755
Q9WU78	Pdcd6ip	Programmed cell death 6-interacting protein	0.056596025	0.292442163
Q9WUA2	Farsb	Phenylalanine--tRNA ligase beta subunit	0.362950198	0.189582666
Q9WUA6	Akt3	RAC-gamma serine/threonine-protein kinase	-0.051398373	0.519808769
Q9WUB0	Rbck1	RanBP-type and C3HC4-type zinc finger-containing protein 1	0.329178015	1.16882213
Q9WUB3	Pygm	Glycogen phosphorylase, muscle form	-0.390962728	-0.007173538
Q9WUD1	Stub1	E3 ubiquitin-protein ligase CHIP	-0.397202079	0.210207462
Q9WUK2	Eif4h	Eukaryotic translation initiation factor 4H	-0.041253344	0.289371014
Q9WUM3	Coro1b	Coronin-1B	-0.077812862	0.048947175
Q9WUM4	Coro1c	Coronin-1C	-0.202528572	-0.206147671
Q9WUM5	Suclg1	Succinate--CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial	-0.372786649	0.267484347
Q9WUN2	Tbk1	Serine/threonine-protein kinase TBK1	0.387587674	-0.467565219
Q9WUP7	Uchl5	Ubiquitin carboxyl-terminal hydrolase isozyme L5	0.139389515	0.218953133
Q9WUR9	Ak4	Adenylate kinase 4, mitochondrial	-0.221575292	0.358460585
Q9WUT3	Rps6ka2	Ribosomal protein S6 kinase alpha-2	0.039433225	0.324471951
Q9WUU7	Ctsz	Cathepsin Z	-0.129587905	0.469438871
Q9WV03	Fam50a	Protein FAM50A	-1.779832681	0.531392415
Q9WV34	Mpp2	MAGUK p55 subfamily member 2	-0.129451529	0.300715923
Q9WV54	Asah1	Acid ceramidase	0.107243474	0.437470436
Q9WV55	Vapa	Vesicle-associated membrane protein-associated protein A	0.006238111	0.300566832
Q9WV69	Dmtn	Dematin	0.115431023	0.182893912
Q9WV85	Nme3	Nucleoside diphosphate kinase 3	-0.247980372	-0.660310268
Q9WVA4	Tagln2	Transgelin-2	0.28787082	0.684575558
Q9WVE8	Pacsin2	Protein kinase C and casein kinase substrate in neurons protein 2	0.11091493	0.54792436
Q9WVF8	Tusc2	Tumor suppressor candidate 2	0.794257323	0.213198821
Q9WVJ2	Psmd13	26S proteasome non-ATPase regulatory subunit 13	0.03730011	0.044627666
Q9WVK4	Ehd1	EH domain-containing protein 1	-0.060761229	0.280759494
Q9WVQ5	Apip	Methylthioribulose-1-phosphate dehydratase	-0.637831624	-0.352098147
Q9WVS7	Map2k5	Dual specificity mitogen-activated protein kinase kinase 5	1.217860349	-0.660912832
Q9Z0E0	Ncdn	Neurochondrin	-0.056465848	0.237573624
Q9Z0E6	Gbp2	Guanylate-binding protein 2	2.101806935	1.358904998
Q9Z0F7	Sncg	Gamma-synuclein	-0.280657641	0.932051341
Q9Z0G0	Gipc1	PDZ domain-containing protein GIPC1	0.030072212	0.366030216
Q9Z0H8	Clip2	CAP-Gly domain-containing linker protein 2	0.483325259	0.240335782
Q9Z0J0	Npc2	NPC intracellular cholesterol transporter 2	-0.035866229	0.442562262
Q9Z0M5	Lipa	Lysosomal acid lipase/cholesteryl ester hydrolase	0.007903035	-0.032187144
Q9Z0N1	Eif2s3x	Eukaryotic translation initiation factor 2 subunit 3, X-linked	-0.188408184	0.226551215

Q9Z0N2	Eif2s3y	Eukaryotic translation initiation factor 2 subunit 3, Y-linked	-0.339260165	0.461838563
Q9Z0P4	Palm	Paralemmmin-1	0.172211329	0.210491339
Q9Z0P5	Twf2	Twinfilin-2	0.013264592	0.1872859
Q9Z0Y1	Dctn3	Dynactin subunit 3	0.340049394	0.662602901
Q9Z110	Aldh18a1	Delta-1-pyrroline-5-carboxylate synthase	-0.340940158	0.195933342
Q9Z140	Cpne6	Copine-6	0.033953921	0.089443684
Q9Z1A1	Tfg	TFG protein	-0.784008185	0.944347541
Q9Z1B3	Plcb1	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-1	-0.028358523	-0.020558675
Q9Z1D1	Eif3g	Eukaryotic translation initiation factor 3 subunit G	0.02277441	-0.624872526
Q9Z1F9	Uba2	SUMO-activating enzyme subunit 2	-0.062684282	0.130392551
Q9Z1G3	Atp6v1c1	V-type proton ATPase subunit C 1	0.027619712	-0.079423428
Q9Z1J3	Nfs1	Cysteine desulfurase, mitochondrial	-0.061322816	0.287339052
Q9Z1K5	Arih1	E3 ubiquitin-protein ligase ARIH1	-0.061306381	-0.110074997
Q9Z1K6	Arih2	E3 ubiquitin-protein ligase ARIH2	0.225560443	0.83944122
Q9Z1N5	Ddx39b	Spliceosome RNA helicase Ddx39b	-0.193946457	0.451323032
Q9Z1P6	Ndufa7	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7	0.414545504	0.941530704
Q9Z1Q5	Clic1	Chloride intracellular channel protein 1	-0.025916513	0.532421112
Q9Z1Q9	Vars1	Valine--tRNA ligase	-0.301335462	-0.294450601
Q9Z1T1	Ap3b1	AP-3 complex subunit beta-1	-0.743868192	0.833872954
Q9Z1W9	Stk39	STE20/SPS1-related proline-alanine-rich protein kinase	0.023984845	-0.188644568
Q9Z1Z0	Uso1	General vesicular transport factor p115	0.005657291	0.286012173
Q9Z1Z2	Strap	Serine-threonine kinase receptor-associated protein	-0.164052836	-0.060979525
Q9Z204	Hnrnpc	Heterogeneous nuclear ribonucleoproteins C1/C2	0.315890153	0.139149666
Q9Z247	Fkbp9	Peptidyl-prolyl cis-trans isomerase FKBP9	1.32240928	0.173908234
Q9Z268	Rasal1	RasGAP-activating-like protein 1	0.126753139	0.392324448
Q9Z275	Rlbp1	Retinaldehyde-binding protein 1	-0.11244688	0.579019547
Q9Z2C9	Mtmr7	Myotubularin-related protein 7	-0.217960008	0.065370242
Q9Z2D0	Mtmr9	Myotubularin-related protein 9	-0.012821293	0.246071339
Q9Z2D1	Mtmr2	Myotubularin-related protein 2	-0.158534336	-0.43541654
Q9Z2D3	Gsdme	Gasdermin-E	-0.695371914	0.88467137
Q9Z2D6	Mecp2	Methyl-CpG-binding protein 2	-0.330589612	0.762502432
Q9Z2E4	Ppp1r17	Protein phosphatase 1 regulatory subunit 17	-0.678512351	-1.181954543
Q9Z2I2	Fkbp1b	Peptidyl-prolyl cis-trans isomerase FKBP1B	0.566219298	0.532694658
Q9Z2I8	Suclg2	Succinate--CoA ligase [GDP-forming] subunit beta, mitochondrial	-0.292761485	0.260965665
Q9Z2I9	Sucla2	Succinate--CoA ligase [ADP-forming] subunit beta, mitochondrial	-0.101134173	0.410435994
Q9Z2K1	Krt16	Keratin, type I cytoskeletal 16	-0.357904371	-0.78757604
Q9Z2L6	Minpp1	Multiple inositol polyphosphate phosphatase 1	-1.237956429	5.216188272
Q9Z2L7	Crif3	Cytokine receptor-like factor 3	0.206773313	0.837538401
Q9Z2M7	Pmm2	Phosphomannomutase 2	-0.01315012	0.429888884
Q9Z2N8	Actl6a	Actin-like protein 6A	-0.469277318	0.537790934
Q9Z2Q6	Septin5	Septin-5	0.142554601	0.04691871
Q9Z2T6	Krt85	Keratin, type II cuticular Hb5	0.769386832	0.86545976
Q9Z2U0	Psma7	Proteasome subunit alpha type-7	-0.025514221	0.602883021
Q9Z2U1	Psma5	Proteasome subunit alpha type-5	-0.049609598	0.440932433
Q9Z2V5	Hdac6	Histone deacetylase 6	0.015191809	0.200625102

Q9Z2W1	Stk25	Serine/threonine-protein kinase 25	-0.691721789	-1.154807647
Q9Z2X1	Hnrnpf	Heterogeneous nuclear ribonucleoprotein F	-0.00416975	0.234418551
Q9Z2Y3	Homer1	Homer protein homolog 1	0.375238736	0.257457733
Q9Z315	Sart1	U4/U6.U5 tri-snRNP-associated protein 1	0.137492593	0.962741693
Q9Z320	Krt27	Keratin, type I cytoskeletal 27	-0.243314457	0.329675674
S0DHL8	Carmil2	Capping protein, Arp2/3 and myosin-I linker protein 2	0.026145236	-0.097528617
S4R1M4	Ank2	Ankyrin-2 (Fragment)	-0.604065895	0.822883129
S4R1M9	Osbp10	Oxysterol-binding protein-related protein 10	-0.1689785	0.271247864
S4R1P5	Dst	Dystonin	-0.315546258	0.222805341
S4R1W8	Gapdh	Glyceraldehyde-3-phosphate dehydrogenase (Fragment)	-1.114828555	-0.398109277
S4R2F3	Ank2	Ankyrin-2	-0.189231555	0.018699646
S4R2K9	Ank3	Ankyrin-3 (Fragment)	0.14554828	0.046623389
S4R2R5	Ank2	Ankyrin-2	-0.72490619	-1.376724084
S4R2T7	Ank2	Ankyrin-2 (Fragment)	-0.506365617	-0.577418804
V9GX43	Celf2	CUGBP Elav-like family member 2 (Fragment)	0.068168036	-0.350434462
V9GXM1	Arfgap1	ADP-ribosylation factor GTPase-activating protein 1	0.210029666	0.347786585