

Table S1 Changes in the expression levels of genes induced by sevoflurane

Gene ID	Gene abbreviation	log₂ ratio*
Rtn4rl2	Reticulon 4 receptor-like 2	7.80
Mas1	MAS1 oncogene	7.76
Gpx6	Glutathione peroxidase 6	7.62
Ovol2	Ovo-like 2 (Drosophila)	7.19
Calcr	Calcitonin receptor	6.81
Impg1	Interphotoreceptor matrix proteoglycan 1	6.72
Neurod6	Neurogenic differentiation 6	6.33
Neurod2	Neurogenic differentiation 2	6.30
Dio3	Deiodinase, iodothyronine type III	5.91
Cd6	CD6 antigen	5.80
Gucy2g	Guanylate cyclase 2g	5.75
Jsrp1	Junctional sarcoplasmic reticulum protein 1	5.56
Slc38a4	Solute carrier family 38, member 4	5.51
Tmprss6	Transmembrane serine protease 6	5.47
Sh3rf2	SH3 domain containing ring finger 2	5.41
Ccbp2	Chemokine binding protein 2	5.33
Gprc5a	G protein-coupled receptor, family C, group 5, member A	5.27
Clspn	Claspin homolog (Xenopus laevis)	5.21
Robo3	Roundabout homolog 3 (Drosophila)	5.21
Figf	C-fos induced growth factor	5.20
Trpc6	Transient receptor potential cation channel, subfamily C, member 6	5.19
Adora2a	Adenosine A2a receptor	5.12
Tbx15	T-box 15	5.07
Cdsn	Corneodesmosin	5.02
Cd4	CD4 antigen	5.02
Col19a1	Collagen, type XIX, alpha 1	4.98
Kcnh3	Potassium voltage-gated channel, subfamily H (eag-related), member 3	4.94
Gpr88	G-protein coupled receptor 88	4.90

C1qtnf7	C1q and tumor necrosis factor related protein 7	4.88
Serpina9	Serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antitrypsin, antitrypsin), member 9	4.87
Il20ra	Interleukin 20 receptor, alpha	4.79
Lrg1	Leucine-rich alpha-2-glycoprotein 1	4.78
Rpe65	Retinal pigment epithelium 65	4.78
Hs3st2	Heparan sulfate (glucosamine) 3-O-sulfotransferase 2	4.74
Cyp2c44	Cytochrome P450, family 2, subfamily c, polypeptide 44	4.71
Npc1l1	NPC1-like 1	4.71
Spink8	Serine peptidase inhibitor, Kazal type 8	4.70
Prss16	Protease, serine, 16 (thymus)	4.64
Sim1	Single-minded homolog 1 (Drosophila)	4.64
Sstr4	Somatostatin receptor 4	4.62
Olf1393	Olfactory receptor 1393	4.60
Kcnv1	Potassium channel, subfamily V, member 1	4.60
Kcnh4	Potassium voltage-gated channel, subfamily H (eag-related), member 4	4.57
Ttc22	Tetratricopeptide repeat domain 22	4.55
Olf178	Olfactory receptor 78	4.55
Mtap4	Microtubule-associated protein 4	4.53
Ly6g6e	Lymphocyte antigen 6 complex, locus G6E	4.47
Egr4	Early growth response 4	4.46
Asb11	Ankyrin repeat and SOCS box-containing protein 11	4.45
Slc17a7	Solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 7	4.41
Gpr6	G protein-coupled receptor 6	4.40
Wnt2	Wingless-related MMTV integration site 2	4.40
Cabp5	Calcium binding protein 5	4.39
Pthlh	Parathyroid hormone-like peptide	4.39
Rin1	Ras and Rab interactor 1	4.38
Tmem16c	Transmembrane protein 16C	4.37

Chrna6	Cholinergic receptor, nicotinic, alpha polypeptide 6	4.34
Insl6	Insulin-like 6	4.33
Rprml	Reprimo-like	4.32
Hpse	Heparanase	4.32
Bcl11b	B-cell leukemia/lymphoma 11B	4.31
Igsf9	Immunoglobulin superfamily, member 9	4.29
Nr4a2	Nuclear receptor subfamily 4, group A, member 2	4.29
Lpl	Lipoprotein lipase	4.27
Nrgn	Neurogranin	4.26
Klf14	Kruppel-like factor 14	4.26
Igfbp1b	Immunoglobulin (CD79A) binding protein 1b	4.25
Vsig2	V-set and immunoglobulin domain containing 2	4.25
Hoxa5	Homeo box A5	4.23
Tac1	Tachykinin 1	4.22
Agtr1a	Angiotensin II receptor, type 1a	4.21
Chrm1	Cholinergic receptor, muscarinic 1, CNS	4.20
Rgs9	Regulator of G-protein signaling 9	4.19
Rxrg	Retinoid X receptor gamma	4.19
Nxph2	Neurexophilin 2	4.17
Icam5	Intercellular adhesion molecule 5, telencephalin	4.17
Golt1a	Golgi transport 1 homolog A (<i>S. cerevisiae</i>)	4.17
Tmem40	Transmembrane protein 40	4.17
Lct	Lactase	4.16
Ddn	Dendrin	4.16
Pkp1	Plakophilin 1	4.15
Slc6a5	Solute carrier family 6 (neurotransmitter transporter, glycine), member 5	4.15
Serpinb8	Serine (or cysteine) peptidase inhibitor, clade B, member 8	4.12
Lipg	Lipase, endothelial	4.11
Adamts13	A disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 13	4.09

Gm587	Gene model 587, (NCBI)	4.09
Hpx	Hemopexin	4.06
Crh	Corticotropin releasing hormone	4.04
Alx4	Aristaless 4	4.04
Slc17a8	Solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 8	4.03
Chrm5	Cholinergic receptor, muscarinic 5	4.03
Indo	Indoleamine-pyrrole 2,3 dioxygenase	4.00
Cyp19a1	Cytochrome P450, family 19, subfamily a, polypeptide 1	3.99
Krt9	Keratin 9	3.98
Cd7	CD7 antigen	3.98
Gm1337	Gene model 1337, (NCBI)	3.95
Egr2	Early growth response 2	3.92
Scn4b	Sodium channel, type IV, beta	3.91
Dkk2	Dickkopf homolog 2 (<i>Xenopus laevis</i>)	3.90
Pcdhb1	Protocadherin beta 1	3.90
Wfikkn1	WAP, FS, Ig, KU, and NTR-containing protein 1	3.89
Egr1	Early growth response 1	3.89
Acr	Preproacrosin	3.88
Htr3a	5-hydroxytryptamine (serotonin) receptor 3A	3.88
Pcsk9	Proprotein convertase subtilisin/kexin type 9	3.88
Prdm1	PR domain containing 1, with ZNF domain	3.88
Ptgs2	Prostaglandin-endoperoxide synthase 2	3.87
Igfbp6	Insulin-like growth factor binding protein 6	3.87
Epyc	Epiphycan	3.87
Il1f5	Interleukin 1 family, member 5 (delta)	3.87
Tpbp	Trophoblast glycoprotein	3.82
Tmem16b	Transmembrane protein 16B	3.80
Tgm3	Transglutaminase 3, E polypeptide	3.79
Prss22	Protease, serine, 22	3.79

Drd1a	Dopamine receptor D1A	3.78
Insrr	Insulin receptor-related receptor	3.76
Hpca	Hippocalcin	3.76
Trim14	Tripartite motif-containing 14	3.76
Htr2a	5-hydroxytryptamine (serotonin) receptor 2A	3.74
Abi3bp	ABI gene family, member 3 (NESH) binding protein	3.73
Grasp	GRP1 (general receptor for phosphoinositides 1)-associated scaffold protein	3.70
Zbtb32	Zinc finger and BTB domain containing 32	3.67
Penk1	Preproenkephalin 1	3.67
Pptrh	Protein tyrosine phosphatase, receptor type, H	3.65
Arhgap15	Rho GTPase activating protein 15	3.62
AW536275	Expressed sequence AW536275	3.61
Cacna1e	Calcium channel, voltage-dependent, R type, alpha 1E subunit	3.61
Ras10a	RAS-like, family 10, member A	3.61
Mup5	Major urinary protein 5	3.60
Alox12b	Arachidonate 12-lipoxygenase, 12R type	3.59
Actn2	Actinin alpha 2	3.58
Igfbp4	Insulin-like growth factor binding protein 4	3.58
Zdhhc23	Zinc finger, DHHC domain containing 23	3.55
H60	Histocompatibility 60	3.54
Krt73	Keratin 73	3.54
Espnl	Espin-like	3.54
Ccdc129	Coiled-coil domain containing 129	3.53
Cyp4b1	Cytochrome P450, family 4, subfamily b, polypeptide 1	3.52
Fgf23	Fibroblast growth factor 23	3.52
Tmprss4	Transmembrane protease, serine 4	3.51
Acmsd	Amino carboxymuconate semialdehyde decarboxylase	3.51
Fosb	FBJ osteosarcoma oncogene B	3.50
Dusp2	Dual specificity phosphatase 2	3.49

Glp2r	Glucagon-like peptide 2 receptor	3.49
Mesp2	Mesoderm posterior 2	3.49
Homer1	Homer homolog 1 (Drosophila)	3.47
Nov	Nephroblastoma overexpressed gene	3.46
Htr1f	5-hydroxytryptamine (serotonin) receptor 1F	3.43
Mei1	Meiosis defective 1	3.43
Kcnip2	Kv channel-interacting protein 2	3.43
Gpr81	G protein-coupled receptor 81	3.43
Sgcd	Sarcoglycan, delta (dystrophin-associated glycoprotein)	3.43
Drd2	Dopamine receptor 2	3.41
Pnpla1	Patatin-like phospholipase domain containing 1	3.41
Corin	Corin	3.41
C1qtnf9	C1q and tumor necrosis factor related protein 9	3.41
Chrdl1	Chordin-like 1	3.40
Cyr61	Cysteine rich protein 61	3.38
Tbr1	T-box brain gene 1	3.38
Prdm8	PR domain containing 8	3.37
Pcdh12	Protocadherin 12	3.36
Krt12	Keratin 12	3.33
Vipr1	Vasoactive intestinal peptide receptor 1	3.32
Phex	Phosphate regulating gene with homologies to endopeptidases on the X chromosome (hypophosphatemia, vitamin D resistant rickets)	3.32
Lrrc26	Leucine rich repeat containing 26	3.32
Htra4	HtrA serine peptidase 4	3.32
Neto1	Neuropilin (NRP) and tolloid (TLL)-like 1	3.29
Nlrp6	NLR family, pyrin domain containing 6	3.29
Caln1	Calneuron 1	3.26
	Transcribed locus, weakly similar to XP_001088224.1 hypothetical protein, partial [Macaca mulatta]	3.26
Olfir316	Olfactory receptor 316	3.25

Tmprss9	Transmembrane protease, serine 9	3.25
Kcng3	Potassium voltage-gated channel, subfamily G, member 3	3.25
Tph2	Tryptophan hydroxylase 2	3.25
Duox1	Dual oxidase 1	3.25
Scn11a	Sodium channel, voltage-gated, type XI, alpha	3.25
Smpd3	Sphingomyelin phosphodiesterase 3, neutral	3.20
Stk32a	Serine/threonine kinase 32A	3.20
Gcnt2	Glucosaminyl (N-acetyl) transferase 2, I-branching enzyme	3.20
Maff	V-maf musculoaponeurotic fibrosarcoma oncogene family, protein F (avian)	3.20
Gng7	Guanine nucleotide binding protein (G protein), gamma 7 subunit	3.20
Pnmt	Phenylethanolamine-N-methyltransferase	3.19
BC050196	CDNA sequence BC050196	3.19
Prss12	Protease, serine, 12 neurotrypsin (motopsin)	3.18
Kcng5	Potassium voltage-gated channel, subfamily Q, member 5	3.16
Hipk4	Homeodomain interacting protein kinase 4	3.15
Enc1	Ectodermal-neural cortex 1	3.11
Ankk1	Ankyrin repeat and kinase domain containing 1	3.11
Col6a1	Collagen, type VI, alpha 1	3.10
Lzts1	Leucine zipper, putative tumor suppressor 1	3.09
Xkrx	X Kell blood group precursor related X linked	3.09
Trhde	TRH-degrading enzyme	3.08
Accn4	Amiloride-sensitive cation channel 4, pituitary	3.07
Ucn3	Urocortin 3	3.07
Ankrd43	Ankyrin repeat domain 43	3.06
Atp2b4	ATPase, Ca ⁺⁺ transporting, plasma membrane 4	3.05
Dach1	Dachshund 1 (Drosophila)	3.04
Ccl12	Chemokine (C-C motif) ligand 12	3.03
Trpv6	Transient receptor potential cation channel, subfamily V, member 6	3.02
Mchr1	Melanin-concentrating hormone receptor 1	3.01

Lyve1	Lymphatic vessel endothelial hyaluronan receptor 1	3.00
Rgs14	Regulator of G-protein signaling 14	3.00
Mpped1	Metallophosphoesterase domain containing 1	3.00
Rnf39	Ring finger protein 39	2.99
Cadps2	Ca ²⁺ -dependent activator protein for secretion 2	2.98
	Transcribed locus, strongly similar to XP_340808.3 similar to obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF [Rattus norvegicus]	2.97
Rem2	Rad and gem related GTP binding protein 2	2.96
Mctp1	Multiple C2 domains, transmembrane 1	2.96
Myo3b	Myosin IIIB	2.96
Pxdn	Peroxidasin homolog (Drosophila)	2.96
Ngef	Neuronal guanine nucleotide exchange factor	2.94
Rasgef1a	RasGEF domain family, member 1A	2.92
Iqgap2	IQ motif containing GTPase activating protein 2	2.91
Adra2c	Adrenergic receptor, alpha 2c	2.91
Caacng3	Calcium channel, voltage-dependent, gamma subunit 3	2.90
Bhlhb5	Basic helix-loop-helix domain containing, class B5	2.90
Sstr2	Somatostatin receptor 2	2.89
Syt6	Synaptotagmin VI	2.89
Cdh1	Cadherin 1	2.87
Ppp3ca	Protein phosphatase 3, catalytic subunit, alpha isoform	2.86
Acvr1c	Activin A receptor, type IC	2.86
Arpp19	CAMP-regulated phosphoprotein 19	2.86
Nts	Neurotensin	2.86
	11 days embryo head cDNA, RIKEN full-length enriched library, clone:6230419C23 product:unclassifiable, full insert sequence	2.85
Gpr83	G protein-coupled receptor 83	2.84
Asb14	Ankyrin repeat and SOCS box-containing protein 14	2.84
Cnr1	Cannabinoid receptor 1 (brain)	2.83

Irs4	Insulin receptor substrate 4	2.82
Frzb	Frizzled-related protein	2.80
Gsg1	Germ cell-specific gene 1	2.80
Rarb	Retinoic acid receptor, beta	2.80
Synpo	Synaptopodin	2.79
Moxd1	Monooxygenase, DBH-like 1	2.78
Islr2	Immunoglobulin superfamily containing leucine-rich repeat 2	2.78
Rasd2	RASD family, member 2	2.78
Itga8	Integrin alpha 8	2.77
Arhgap10	Rho GTPase activating protein 10	2.77
Hpcal4	Hippocalcin-like 4	2.77
Scgn	Secretagoin, EF-hand calcium binding protein	2.77
Rab40b	Rab40b, member RAS oncogene family	2.77
Myh3	Myosin, heavy polypeptide 3, skeletal muscle, embryonic	2.76
Itga11	Integrin, alpha 11	2.76
Rprm	Reprimo, TP53 dependent G2 arrest mediator candidate	2.76
Nr4a3	Nuclear receptor subfamily 4, group A, member 3	2.75
Slc30a3	Solute carrier family 30 (zinc transporter), member 3	2.75
Gpr26	G protein-coupled receptor 26	2.75
Myo5b	Myosin Vb	2.74
Kcnab1	Potassium voltage-gated channel, shaker-related subfamily, beta member 1	2.74
	Transcribed locus, moderately similar to XP_001093677.1 similar to calcium/calmodulin-dependent protein kinase kinase 2 beta isoform 1 isoform 9 [Macaca mulatta]	2.74
Actn1	Actinin, alpha 1	2.69
Sec16b	SEC16 homolog B (S. cerevisiae)	2.68
Rasgef1c	RasGEF domain family, member 1C	2.67
Junb	Jun-B oncogene	2.66

Fbx116	F-box and leucine-rich repeat protein 16	2.64
Col6a2	Collagen, type VI, alpha 2	2.63
Slc30a2	Solute carrier family 30 (zinc transporter), member 2	2.62
Chrn3	Cholinergic receptor, nicotinic, beta polypeptide 3	2.62
Inhba	Inhibin beta-A	2.62
Cplx2	Complexin 2	2.61
Scube1	Signal peptide, CUB domain, EGF-like 1	2.61
Dclk3	Doublecortin-like kinase 3	2.61
Camk2a	Calcium/calmodulin-dependent protein kinase II alpha	2.60
Acta1	Actin, alpha 1, skeletal muscle	2.60
Tesc	Tescalcin	2.58
Ier5	Immediate early response 5	2.57
Mkl2	MKL/myocardin-like 2	2.56
Nr4a1	Nuclear receptor subfamily 4, group A, member 1	2.56
Cdh9	Cadherin 9	2.56
Rgs4	Regulator of G-protein signaling 4	2.55
	0 day neonate cerebellum cDNA, RIKEN full-length enriched library, clone:C230003D17 product:hypothetical protein, full insert sequence	2.54
Bruno15	Bruno-like 5, RNA binding protein (Drosophila)	2.54
Klhl34	Kelch-like 34 (Drosophila)	2.53
Htr1b	5-hydroxytryptamine (serotonin) receptor 1B	2.53
Kcne4	Potassium voltage-gated channel, Isk-related subfamily, gene 4	2.53
Speg	SPEG complex locus	2.51
Plxnd1	Plexin D1	2.49
Snx26	Sorting nexin 26	2.49
Sphk1	Sphingosine kinase 1	2.49
Klf2	Kruppel-like factor 2 (lung)	2.48
Prkcb1	Protein kinase C, beta 1	2.48
Tmem158	Transmembrane protein 158	2.48
Acvr1l	Activin A receptor, type II-like 1	2.47

Cpne8	Copine VIII	2.47
Slc8a2	Solute carrier family 8 (sodium/calcium exchanger), member 2	2.47
Chrna5	Cholinergic receptor, nicotinic, alpha polypeptide 5	2.45
Foxp2	Forkhead box P2	2.44
Pcdh21	Protocadherin 21	2.44
Kcnh5	Potassium voltage-gated channel, subfamily H (eag-related), member 5	2.44
Anpep	Alanyl (membrane) aminopeptidase	2.44
Gprn3	GPRIN family member 3	2.43
Gadd45b	Growth arrest and DNA-damage-inducible 45 beta	2.43
Ldb2	LIM domain binding 2	2.42
Itpr1	Inositol 1,4,5-triphosphate receptor 1	2.42
Rasl11b	RAS-like, family 11, member B	2.42
Foxp1	Forkhead box P1	2.42
Kit	Kit oncogene	2.42
Tacr1	Tachykinin receptor 1	2.41
Dcc	Deleted in colorectal carcinoma	2.40
Pcdhb15	Protocadherin beta 15	2.40
Skil	SKI-like	2.39
Slc22a6	Solute carrier family 22 (organic anion transporter), member 6	2.39
Gpr139	G protein-coupled receptor 139	2.39
C1r	Complement component 1, r subcomponent	2.39
Msc	Musculin	2.38
Myh7	Myosin, heavy polypeptide 7, cardiac muscle, beta	2.38
Sbsn	Suprabasin	2.37
Tmem90a	Transmembrane protein 90a	2.37
Phyhip	Phytanoyl-CoA hydroxylase interacting protein	2.37
	Transcribed locus, weakly similar to XP_001114243.1 similar to neurotrophic tyrosine kinase, receptor, type 1 isoform 2 [Macaca mulatta]	2.37
Neurod4	Neurogenic differentiation 4	2.36
Dlk1	Delta-like 1 homolog (Drosophila)	2.36

Gria2	Glutamate receptor, ionotropic, AMPA2 (alpha 2)	2.35
Acpp	Acid phosphatase, prostate	2.35
Rcor2	REST corepressor 2	2.35
Sipa111	Signal-induced proliferation-associated 1 like 1	2.33
Ryr2	Ryanodine receptor 2, cardiac	2.33
Fmn11	Formin-like 1	2.33
Npbwr1	Neuropeptides B/W receptor 1	2.33
Abhd7	Abhydrolase domain containing 7	2.32
Sv2c	Synaptic vesicle glycoprotein 2c	2.32
Dgkb	Diacylglycerol kinase, beta	2.31
Wnt10a	Wingless related MMTV integration site 10a	2.30
Prkca	Protein kinase C, alpha	2.30
Rnasel	Ribonuclease L (2', 5'-oligoadenylate synthetase-dependent)	2.29
Prg4	Proteoglycan 4 (megakaryocyte stimulating factor, articular superficial zone protein)	2.29
Hspb3	Heat shock protein 3	2.29
Adcy5	Adenylate cyclase 5	2.28
Htr1d	5-hydroxytryptamine (serotonin) receptor 1D	2.28
Tnfrsf8	Tumor necrosis factor receptor superfamily, member 8	2.27
Mast3	Microtubule associated serine/threonine kinase 3	2.27
Ctxn1	Cortexin 1	2.26
Spnb3	Spectrin beta 3	2.26
Neu2	Neuraminidase 2	2.25
Gsg11	GSG1-like	2.25
Lrrc6	Leucine rich repeat containing 6 (testis)	2.25
Npas2	Neuronal PAS domain protein 2	2.24
	Transcribed locus, strongly similar to XP_001100347.1 similar to nesprin 1 isoform longer [Macaca mulatta]	2.24
Btg3	B-cell translocation gene 3	2.24

Myoc	Myocilin	2.24
Brs3	Bombesin-like receptor 3	2.23
BC051142	CDNA sequence BC051142	2.23
Trerf1	Transcriptional regulating factor 1	2.23
Dio2	Deiodinase, iodothyronine, type II	2.22
Ppp1r9a	Protein phosphatase 1, regulatory (inhibitor) subunit 9A	2.22
Foxo1	Forkhead box O1	2.21
Tal2	T-cell acute lymphocytic leukemia 2	2.21
Kcnk2	Potassium channel, subfamily K, member 2	2.21
Rasal1	RAS protein activator like 1 (GAP1 like)	2.21
Kcnj4	Potassium inwardly-rectifying channel, subfamily J, member 4	2.20
Olfm4	Olfactomedin 4	2.19
Tll1	Tolloid-like	2.18
Amhr2	Anti-Mullerian hormone type 2 receptor	2.18
Tshr	Thyroid stimulating hormone receptor	2.18
Gm603	Gene model 603, (NCBI)	2.17
	Transcribed locus, weakly similar to XP_001104487.1 eosinophil chemotactic cytokine [Macaca mulatta]	2.17
D9Erttd280e	DNA segment, Chr 9, ERATO Doi 280, expressed	2.17
Prr7	Proline rich 7 (synaptic)	2.17
Eya1	Eyes absent 1 homolog (Drosophila)	2.17
Pde8b	Phosphodiesterase 8B	2.17
Mmd	Monocyte to macrophage differentiation-associated	2.16
Islr	Immunoglobulin superfamily containing leucine-rich repeat	2.16
Plk2	Polo-like kinase 2 (Drosophila)	2.16
Trpc4	Transient receptor potential cation channel, subfamily C, member 4	2.15
Neurl	Neuralized-like homolog (Drosophila)	2.15
Ror1	Receptor tyrosine kinase-like orphan receptor 1	2.14
Epha4	Eph receptor A4	2.14
Chn1	Chimerin (chimaerin) 1	2.14

Scarf1	Scavenger receptor class F, member 1	2.14
Krt10	Keratin 10	2.13
Tuba8	Tubulin, alpha 8	2.13
Sertad4	SERTA domain containing 4	2.12
Myo1b	Myosin IB	2.12
Jph2	Junctophilin 2	2.11
Ccdc88c	Coiled-coil domain containing 88C	2.11
Efnb2	Ephrin B2	2.10
Ptch2	Patched homolog 2	2.10
Tcfap2b	Transcription factor AP-2 beta	2.09
Camk1g	Calcium/calmodulin-dependent protein kinase I gamma	2.09
Ptk2b	PTK2 protein tyrosine kinase 2 beta	2.09
Igsf5	Immunoglobulin superfamily, member 5	2.09
Zfp238	Zinc finger protein 238	2.09
Adamts3	ADAM metalloproteinase with thrombospondin type 1 motif, 3	2.08
Tmem132d	Transmembrane protein 132D	2.08
Filip1	Filamin A interacting protein 1	2.08
Lrrk2	Leucine-rich repeat kinase 2	2.07
Tusc5	Tumor suppressor candidate 5	2.07
Cacng1	Calcium channel, voltage-dependent, gamma subunit 1	2.06
Sebox	SEBOX homeobox	2.06
Phactr1	Phosphatase and actin regulator 1	2.06
Mpped2	Metallophosphoesterase domain containing 2	2.06
Usp28	Ubiquitin specific peptidase 28	2.05
Pdzrn3	PDZ domain containing RING finger 3	2.05
BB146404	Expressed sequence BB146404	2.04
D3Bwg0562e	DNA segment, Chr 3, Brigham & Women's Genetics 0562 expressed	2.04
Catsper2	Cation channel, sperm associated 2	2.03
Spata2L	Spermatogenesis associated 2-like	2.02
Prkab2	Protein kinase, AMP-activated, beta 2 non-catalytic subunit	2.02

Lrrc4	Leucine rich repeat containing 4	2.02
Glt28d2	Glycosyltransferase 28 domain containing 2	2.02
Fgf3	Fibroblast growth factor 3	2.02
Tmco5	Transmembrane and coiled-coil domains 5	2.01
Ccdc18	Coiled-coil domain containing 18	2.01
Lypd6	LY6/PLAUR domain containing 6	2.01
Nog	Noggin	2.01
Mn1	Meningioma 1	2.00
Tle4	Transducin-like enhancer of split 4, homolog of Drosophila E(spl)	2.00
Cdkn2d	Cyclin-dependent kinase inhibitor 2D (p19, inhibits CDK4)	1.99
Snca	Synuclein, alpha	1.99
Cdkn1a	Cyclin-dependent kinase inhibitor 1A (P21)	1.99
D11Bwg0517e	DNA segment, Chr 11, Brigham & Women's Genetics 0517 expressed	1.98
Pou3f1	POU domain, class 3, transcription factor 1	1.98
D17H6S56E-3	DNA segment, Chr 17, human D6S56E 3	1.97
Prss23	Protease, serine, 23	1.97
Ablim2	Actin-binding LIM protein 2	1.97
Epor	Erythropoietin receptor	1.97
Pla2g4e	Phospholipase A2, group IVE	1.96
Pde2a	Phosphodiesterase 2A, cGMP-stimulated	1.95
Rdh9	Retinol dehydrogenase 9	1.95
Rragd	Ras-related GTP binding D	1.95
Cenpf	Centromere protein F	1.95
Cacnb1	Calcium channel, voltage-dependent, beta 1 subunit	1.94
LOC624784	Similar to T:G mismatch-specific thymine-DNA glycosylase TDGb	1.94
Glce	Glucuronyl C5-epimerase	1.94
Zfp365	Zinc finger protein 365	1.93
Rspo2	R-spondin 2 homolog (Xenopus laevis)	1.93
Tcf15	Transcription factor-like 5 (basic helix-loop-helix)	1.93
Epha2	Eph receptor A2	1.93

Csmd2	CUB and Sushi multiple domains 2	1.93
Mpp3	Membrane protein, palmitoylated 3 (MAGUK p55 subfamily member 3)	1.93
Gpr21	G protein-coupled receptor 21	1.93
Igf2bp2	Insulin-like growth factor 2 mRNA binding protein 2	1.92
Ets2	E26 avian leukemia oncogene 2, 3' domain	1.92
Cd163	CD163 antigen	1.92
Jph4	Junctophilin 4	1.91
Crtc1	CREB regulated transcription coactivator 1	1.91
Omd	Osteomodulin	1.91
Atp6v1c2	ATPase, H ⁺ transporting, lysosomal V1 subunit C2	1.91
Arhgap6	Rho GTPase activating protein 6	1.90
Wasf1	WASP family 1	1.90
Cbr3	Carbonyl reductase 3	1.90
	Transcribed locus, moderately similar to XP_001102239.1 A kinase (PRKA) anchor protein (yotiao) 9 isoform 2 [Macaca mulatta]	1.90
Ltk	Leukocyte tyrosine kinase	1.90
Dusp14	Dual specificity phosphatase 14	1.90
Strn	Striatin, calmodulin binding protein	1.89
Csmd1	CUB and Sushi multiple domains 1	1.89
Camk1d	Calcium/calmodulin-dependent protein kinase ID	1.89
LOC665683	Hypothetical LOC665683	1.89
Kremen2	Kringle containing transmembrane protein 2	1.88
St8sia3	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 3	1.88
Lhx2	LIM homeobox protein 2	1.87
Robo2	Roundabout homolog 2 (Drosophila)	1.87
	Transcribed locus, strongly similar to XP_341471.3 similar to WD repeat domain 17 [Rattus norvegicus]	1.87
Diras2	DIRAS family, GTP-binding RAS-like 2	1.86
E2f1	E2F transcription factor 1	1.85

Slc35d3	Solute carrier family 35, member D3	1.85
Pgr15l	G protein-coupled receptor 15-like	1.85
Cox4i2	Cytochrome c oxidase subunit IV isoform 2	1.84
Stard8	START domain containing 8	1.84
Slc47a1	Solute carrier family 47, member 1	1.83
Centg1	Centaurin, gamma 1	1.83
Rab15	RAB15, member RAS oncogene family	1.83
Asphd2	Aspartate beta-hydroxylase domain containing 2	1.83
Caacb3	Calcium channel, voltage-dependent, beta 3 subunit	1.82
Bcr	Breakpoint cluster region homolog	1.81
Frem2	Fras1 related extracellular matrix protein 2	1.81
Rai14	Retinoic acid induced 14	1.81
Erc2	ELKS/RAB6-interacting/CAST family member 2	1.81
Dgki	Diacylglycerol kinase, iota	1.81
Slc9a2	Solute carrier family 9 (sodium/hydrogen exchanger), member 2	1.80
Tlr9	Toll-like receptor 9	1.80
Thrb	Thyroid hormone receptor beta	1.80
Atp2b1	ATPase, Ca ⁺⁺ transporting, plasma membrane 1	1.80
Man1a	Mannosidase 1, alpha	1.79
Cbln2	Cerebellin 2 precursor protein	1.79
Rasgrp2	RAS, guanyl releasing protein 2	1.78
Fosl2	Fos-like antigen 2	1.78
Limd2	LIM domain containing 2	1.77
Dcst1	DC-STAMP domain containing 1	1.77
	Mammary gland RCB-0526 Jyg-MC(A) cDNA, RIKEN full-length enriched library, clone:G830001D04 product:hypothetical protein, full insert sequence	1.77
Dlk2	Delta-like 2 homolog (Drosophila)	1.77
Cacna1h	Calcium channel, voltage-dependent, T type, alpha 1H subunit	1.77

Grhl1	Grainyhead-like 1 (Drosophila)	1.77
Fibcd1	Fibrinogen C domain containing 1	1.76
Scube3	Signal peptide, CUB domain, EGF-like 3	1.76
Runx2	Runt related transcription factor 2	1.76
Fat3	FAT tumor suppressor homolog 3 (Drosophila)	1.76
Sema3a	Sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A	1.75
Sgk	Serum/glucocorticoid regulated kinase	1.75
Ephb6	Eph receptor B6	1.75
Alcam	Activated leukocyte cell adhesion molecule	1.75
Tpsg1	Tryptase gamma 1	1.74
Fnbp1l	Formin binding protein 1-like	1.74
Abi2	Abl-interactor 2	1.73
Crocc	Ciliary rootlet coiled-coil, rootletin	1.73
Kcnt2	Potassium channel, subfamily T, member 2	1.72
Plcb2	Phospholipase C, beta 2	1.72
Pknox2	Pbx/knotted 1 homeobox 2	1.72
Proz	Protein Z, vitamin K-dependent plasma glycoprotein	1.72
Hfe2	Hemochromatosis type 2 (juvenile) (human homolog)	1.72
Grin2b	Glutamate receptor, ionotropic, NMDA2B (epsilon 2)	1.71
Plxna2	Plexin A2	1.71
Per2	Period homolog 2 (Drosophila)	1.71
Etv5	Ets variant gene 5	1.71
Crispld1	Cysteine-rich secretory protein LCCL domain containing 1	1.71
Lingo1	Leucine rich repeat and Ig domain containing 1	1.71
Rasl10b	RAS-like, family 10, member B	1.70
Lrrc7	Leucine rich repeat containing 7	1.70
Tgfa	Transforming growth factor alpha	1.70
Klhl3	Kelch-like 3 (Drosophila)	1.69
Arhgdib	Rho, GDP dissociation inhibitor (GDI) beta	1.69

Tmem45a	Transmembrane protein 45a	1.69
Gpr44	G protein-coupled receptor 44	1.69
Ryr3	Ryanodine receptor 3	1.69
Rgs20	Regulator of G-protein signaling 20	1.69
Tyro3	TYRO3 protein tyrosine kinase 3	1.67
Mark2	MAP/microtubule affinity-regulating kinase 2	1.67
Smpd13b	Sphingomyelin phosphodiesterase, acid-like 3B	1.67
Axud1	AXIN1 up-regulated 1	1.67
Efcbp1	EF hand calcium binding protein 1	1.66
Tnfaip8l3	Tumor necrosis factor, alpha-induced protein 8-like 3	1.66
Grit	Rho GTPase-activating protein	1.66
Lix1	Limb expression 1 homolog (chicken)	1.66
Fmod	Fibromodulin	1.65
Cacna2d3	Calcium channel, voltage-dependent, alpha2/delta subunit 3	1.65
Stac2	SH3 and cysteine rich domain 2	1.65
Hkdc1	Hexokinase domain containing 1	1.65
Atp1a1	ATPase, Na ⁺ /K ⁺ transporting, alpha 1 polypeptide	1.65
Tbc1d8	TBC1 domain family, member 8	1.65
Pcdh7	Protocadherin 7	1.65
Snx7	Sorting nexin 7	1.65
Mcm5	Minichromosome maintenance deficient 5, cell division cycle 46 (S. cerevisiae)	1.64
Spata13	Spermatogenesis associated 13	1.64
Nucb2	Nucleobindin 2	1.64
Sv2b	Synaptic vesicle glycoprotein 2 b	1.64
	Transcribed locus, moderately similar to XP_001104143.1 phosphoglycerate mutase 1 (brain) isoform 2 [Macaca mulatta]	1.64
Scn5a	Sodium channel, voltage-gated, type V, alpha	1.64
Unc13a	Unc-13 homolog A (C. elegans)	1.64

Ccdc42	Coiled-coil domain containing 42	1.64
Oprd1	Opioid receptor, delta 1	1.64
Slfn2	Schlafen 2	1.63
Arg2	Arginase type II	1.63
Slitrk5	SLIT and NTRK-like family, member 5	1.63
Dmrtc1a	DMRT-like family C1a	1.63
Sec14l1	SEC14-like 1 (<i>S. cerevisiae</i>)	1.63
Gabre	Gamma-aminobutyric acid (GABA-A) receptor, subunit epsilon	1.62
Arl4d	ADP-ribosylation factor-like 4D	1.62
Galr1	Galanin receptor 1	1.62
	Transcribed locus, moderately similar to XP_001117391.1 similar to thrombospondin, type I, domain containing 6 [<i>Macaca mulatta</i>]	1.62
Nol4	Nucleolar protein 4	1.62
Gpr133	G protein-coupled receptor 133	1.62
Frmd6	FERM domain containing 6	1.62
Gabra5	Gamma-aminobutyric acid (GABA-A) receptor, subunit alpha 5	1.62
Plvap	Plasmalemma vesicle associated protein	1.61
Cage1	Cancer antigen 1	1.61
Cbx6	Chromobox homolog 6	1.60
Add2	Adducin 2 (beta)	1.60
Me3	Malic enzyme 3, NADP(+)-dependent, mitochondrial	1.60
Ankrd56	Ankyrin repeat domain 56	1.60
Prkce	Protein kinase C, epsilon	1.60
Tcf19	Transcription factor 19	1.60
Gm207	Gene model 207, (NCBI)	1.59
Lrrc33	Leucine rich repeat containing 33	1.59
Car11	Carbonic anhydrase 11	1.59
Gpr101	G protein-coupled receptor 101	1.58
Orai2	Calcium release-activated calcium channel 2	1.58
Slc2a1	Solute carrier organic anion transporter family, member 2a1	1.58

Rapgef11	Rap guanine nucleotide exchange factor (GEF)-like 1	1.57
Lyst	Lysosomal trafficking regulator	1.57
Syt12	Synaptotagmin XII	1.57
Fancd2	Fanconi anemia, complementation group D2	1.57
Zswim6	Zinc finger, SWIM domain containing 6	1.57
Hmcn1	Hemicentin 1	1.57
Fgf17	Fibroblast growth factor 17	1.56
Mapk1	Mitogen activated protein kinase 1	1.56
Rap2b	RAP2B, member of RAS oncogene family	1.56
Eda	Ectodysplasin-A	1.56
	Transcribed locus, moderately similar to XP_223454.4 similar to Stromal interaction molecule 2 precursor [Rattus norvegicus]	1.56
Grin2a	Glutamate receptor, ionotropic, NMDA2A (epsilon 1)	1.56
Ecm1	Extracellular matrix protein 1	1.56
Cacnb4	Calcium channel, voltage-dependent, beta 4 subunit	1.55
D12Ert553e	DNA segment, Chr 12, ERATO Doi 553, expressed	1.55
Kcna5	Potassium voltage-gated channel, shaker-related subfamily, member 5	1.55
Pld3	Phospholipase D family, member 3	1.55
Ypel1	Yippee-like 1 (Drosophila)	1.54
Plekhg5	Pleckstrin homology domain containing, family G (with RhoGef domain) member 5	1.54
Dock4	Dedicator of cytokinesis 4	1.53
Lrrtm3	Leucine rich repeat transmembrane neuronal 3	1.53
N28178	Expressed sequence N28178	1.53
Cdcp1	CUB domain containing protein 1	1.52
Rpusd1	RNA pseudouridylate synthase domain containing 1	1.52
Tacc1	Transforming, acidic coiled-coil containing protein 1	1.52
Trim46	Tripartite motif protein 46	1.52
Cyld	Cylindromatosis (turban tumor syndrome)	1.52

Mapkbp1	Mitogen activated protein kinase binding protein 1	1.51
Wdr92	WD repeat domain 92	1.51
Atf3	Activating transcription factor 3	1.51
Lox	Lysyl oxidase	1.51
Arhgap20	Rho GTPase activating protein 20	1.51
	Mus musculus, clone IMAGE:4219318, mRNA	1.51
Ccdc112	Coiled-coil domain containing 112	1.51
Pak7	P21 (CDKN1A)-activated kinase 7	1.50
Slc26a8	Solute carrier family 26, member 8	1.50
Ntng2	Netrin G2	1.50
Tmem46	Transmembrane protein 46	1.49
Cugbp1	CUG triplet repeat, RNA binding protein 1	1.49
Slc16a7	Solute carrier family 16 (monocarboxylic acid transporters), member 7	1.49
Rgs7bp	Regulator of G-protein signalling 7 binding protein	1.49
Btg2	B-cell translocation gene 2, anti-proliferative	1.49
Arf3	ADP-ribosylation factor 3	1.48
Diap1	Diaphanous homolog 1 (Drosophila)	1.48
	Adult male hypothalamus cDNA, RIKEN full-length enriched library, clone:A230069E07 product:unclassifiable, full insert sequence	1.48
Tnfrsf11b	Tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)	1.48
Mc4r	Melanocortin 4 receptor	1.48
Ltbp1	Latent transforming growth factor beta binding protein 1	1.47
Per3	Period homolog 3 (Drosophila)	1.47
Dab1	Disabled homolog 1 (Drosophila)	1.47
	CDNA, clone:Y0G0107D21, strand:minus, reference:ENSEMBL:Mouse-Transcript-ENST:ENSMUST00000042251, based on BLAT search	1.46
Mical2	Microtubule associated monooxygenase, calponin and LIM domain containing 2	1.46

Mme	Membrane metallo endopeptidase	1.46
Col5a2	Collagen, type V, alpha 2	1.46
Itga9	Integrin alpha 9	1.45
Npy	Neuropeptide Y	1.45
Atf6	Activating transcription factor 6	1.45
Slc7a4	Solute carrier family 7 (cationic amino acid transporter, y+ system), member 4	1.45
Rps6ka5	Ribosomal protein S6 kinase, polypeptide 5	1.45
Dusp11	Dual specificity phosphatase 11 (RNA/RNP complex 1-interacting)	1.45
Syt5	Synaptotagmin V	1.44
Gnal	Guanine nucleotide binding protein, alpha stimulating, olfactory type	1.44
Sntb2	Syntrophin, basic 2	1.44
Wnt5b	Wingless-related MMTV integration site 5B	1.44
Dbn1	Drebrin 1	1.44
Prmt8	Protein arginine N-methyltransferase 8	1.43
Tiam2	T-cell lymphoma invasion and metastasis 2	1.43
Tram2	Translocating chain-associating membrane protein 2	1.43
Arhgef9	Cdc42 guanine nucleotide exchange factor (GEF) 9	1.43
Nbea	Neurobeachin	1.43
Myt1l	Myelin transcription factor 1-like	1.43
Nfkbiz	Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta	1.42
Lgi1	Leucine-rich repeat LGI family, member 1	1.42
Camk2n1	Calcium/calmodulin-dependent protein kinase II inhibitor 1	1.42
Ctla2a	Cytotoxic T lymphocyte-associated protein 2 alpha	1.42
Sh3md4	SH3 multiple domains 4	1.42
Myom3	Myomesin family, member 3	1.42
Smardc1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 1	1.42

Tshz3	Teashirt zinc finger family member 3	1.41
Gse1	Genetic suppressor element 1	1.41
Grik5	Glutamate receptor, ionotropic, kainate 5 (gamma 2)	1.41
Lba1	Lupus brain antigen 1	1.41
C1qtnf1	C1q and tumor necrosis factor related protein 1	1.41
Zfp459	Zinc finger protein 459	1.41
Ctnnap3	Contactin associated protein-like 3	1.41
Slc39a10	Solute carrier family 39 (zinc transporter), member 10	1.41
Gm1060	Gene model 1060, (NCBI)	1.40
Slc26a7	Solute carrier family 26, member 7	1.40
Pip5k1a	Phosphatidylinositol-4-phosphate 5-kinase, type 1 alpha	1.40
Rgl1	Ral guanine nucleotide dissociation stimulator,-like 1	1.40
Rps6ka3	Ribosomal protein S6 kinase polypeptide 3	1.39
Anks1b	Ankyrin repeat and sterile alpha motif domain containing 1B	1.39
Tnfaip3	Tumor necrosis factor, alpha-induced protein 3	1.38
Klf9	Kruppel-like factor 9	1.38
Zfyve28	Zinc finger, FYVE domain containing 28	1.38
Zfp533	Zinc finger protein 533	1.38
Sprn	Shadow of prion protein	1.38
Nfx1	Nuclear transcription factor, X-box binding 1	1.37
Tmtc1	Transmembrane and tetratricopeptide repeat containing 1	1.37
Car12	Carbonic anhydrase 12	1.37
Ncan	Neurocan	1.37
Lmtk2	Lemur tyrosine kinase 2	1.37
Kcnk6	Potassium inwardly-rectifying channel, subfamily K, member 6	1.37
Ski	Sloan-Kettering viral oncogene homolog	1.37
LOC620695	Hypothetical protein LOC620695	1.37
P2rx11	Purinergic receptor P2X-like 1, orphan receptor	1.37
Nek2	NIMA (never in mitosis gene a)-related expressed kinase 2	1.36
Gins2	GINS complex subunit 2 (Psf2 homolog)	1.36

Efna3	Ephrin A3	1.35
Tspan11	Tetraspanin 11	1.35
Bbc3	Bcl-2 binding component 3	1.35
Crabp2	Cellular retinoic acid binding protein II	1.35
Thbd	Thrombomodulin	1.35
Prkar2b	Protein kinase, cAMP dependent regulatory, type II beta	1.35
Cdh22	Cadherin 22	1.35
Tmem120b	Transmembrane protein 120B	1.35
Mgl1	Monoglyceride lipase	1.35
Gfod1	Glucose-fructose oxidoreductase domain containing 1	1.35
Lrrc8b	Leucine rich repeat containing 8 family, member B	1.35
Srr	Serine racemase	1.34
Kbtbd11	Kelch repeat and BTB (POZ) domain containing 11	1.34
Mkl1	MKL (megakaryoblastic leukemia)/myocardin-like 1	1.34
Ccdc131	Coiled-coil domain containing 131	1.34
Nlgn1	Neuroigin 1	1.34
Rab39	RAB39, member RAS oncogene family	1.34
Stk32c	Serine/threonine kinase 32C	1.34
Negr1	Neuronal growth regulator 1	1.34
Sh3pxd2a	SH3 and PX domains 2A	1.34
A530080P10	Hypothetical protein A530080P10	1.33
Erf	Ets2 repressor factor	1.33
Snph	Syntaphilin	1.33
Gpd1	Glycerol-3-phosphate dehydrogenase 1 (soluble)	1.33
Sh3tc1	SH3 domain and tetratricopeptide repeats 1	1.33
Gp1bb	Glycoprotein Ib, beta polypeptide	1.32
Zbtb16	Zinc finger and BTB domain containing 16	1.32
Rgs2	Regulator of G-protein signaling 2	1.32
C78409	Expressed sequence C78409	1.31
Cx3cl1	Chemokine (C-X3-C motif) ligand 1	1.31

Slmo1	Slowmo homolog 1 (<i>Drosophila</i>)	1.31
Gpr135	G protein-coupled receptor 135	1.31
Ccnd2	Cyclin D2	1.30
Col4a5	Collagen, type IV, alpha 5	1.30
Mafb	V-maf musculoaponeurotic fibrosarcoma oncogene family, protein B (avian)	1.30
Chrm3	Cholinergic receptor, muscarinic 3, cardiac	1.30
Sfrs18	Splicing factor, arginine/serine-rich 18	1.29
Prrt1	Proline-rich transmembrane protein 1	1.29
Grik2	Glutamate receptor, ionotropic, kainate 2 (beta 2)	1.29
Rxfp3	Relaxin family peptide receptor 3	1.29
Extl1	Exostoses (multiple)-like 1	1.29
Aff1	AF4/FMR2 family, member 1	1.29
	Transcribed locus, weakly similar to XP_001107984.1 similar to HMG2 like isoform 1 [<i>Macaca mulatta</i>]	1.29
Cdc42ep3	CDC42 effector protein (Rho GTPase binding) 3	1.29
Bdnf	Brain derived neurotrophic factor	1.29
Ccl27	Chemokine (C-C motif) ligand 27	1.29
Inha	Inhibin alpha	1.29
Pla2g4b	Phospholipase A2, group IVB (cytosolic)	1.29
Oaf	OAF homolog (<i>Drosophila</i>)	1.28
	Transcribed locus, moderately similar to XP_001107400.1 similar to amphoterin-induced gene and ORF 3 [<i>Macaca mulatta</i>]	1.28
Cap2	CAP, adenylate cyclase-associated protein, 2 (yeast)	1.28
Mpzl3	Myelin protein zero-like 3	1.28
Tm2d3	TM2 domain containing 3	1.28
Dock3	Dedicator of cyto-kinesis 3	1.28
Cd248	CD248 antigen, endosialin	1.28
Fosl1	Fos-like antigen 1	1.27

Ccl28	Chemokine (C-C motif) ligand 28	1.27
Col23a1	Collagen, type XXIII, alpha 1	1.27
Kcnb1	Potassium voltage gated channel, Shab-related subfamily, member 1	1.27
Srf	Serum response factor	1.26
Jph3	Junctophilin 3	1.26
Btrc	Beta-transducin repeat containing protein	1.26
Jph1	Junctophilin 1	1.26
Gpr158	G protein-coupled receptor 158	1.26
Thsd7a	Thrombospondin, type I, domain containing 7A	1.26
Nab2	Ngfi-A binding protein 2	1.26
Igsf21	Immunoglobulin superfamily, member 21	1.26
Npnt	Nephronectin	1.25
Sema4f	Sema domain, immunoglobulin domain (Ig), TM domain, and short cytoplasmic domain	1.25
Osbpl8	Oxysterol binding protein-like 8	1.25
Dlg4	Discs, large homolog 4 (Drosophila)	1.25
Nfyb	Nuclear transcription factor-Y beta	1.24
Shank2	SH3/ankyrin domain gene 2	1.24
Rgs8	Regulator of G-protein signaling 8	1.24
Spcs3	Signal peptidase complex subunit 3 homolog (S. cerevisiae)	1.24
Sept5	Septin 5	1.24
Mink1	Misshapen-like kinase 1 (zebrafish)	1.24
Gpr27	G protein-coupled receptor 27	1.24
Zcchc14	Zinc finger, CCHC domain containing 14	1.23
Rbm24	RNA binding motif protein 24	1.23
Galnt14	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14	1.23
Rundc3b	RUN domain containing 3B	1.23
Gnb5	Guanine nucleotide binding protein, beta 5	1.23

Pip5k1c	Phosphatidylinositol-4-phosphate 5-kinase, type 1 gamma	1.22
Map2k1	Mitogen activated protein kinase kinase 1	1.22
Prtg	Protogenin homolog (Gallus gallus)	1.22
Zfp189	Zinc finger protein 189	1.22
Epb4.9	Erythrocyte protein band 4.9	1.22
Tusc3	Tumor suppressor candidate 3	1.22
Arhgap26	Rho GTPase activating protein 26	1.22
Npy1r	Neuropeptide Y receptor Y1	1.22
Efcfb2	EF hand calcium binding protein 2	1.22
Lrrtm4	Leucine rich repeat transmembrane neuronal 4	1.22
Ikzf4	IKAROS family zinc finger 4	1.22
Glcci1	Glucocorticoid induced transcript 1	1.21
Centb5	Centaurin, beta 5	1.21
Tanc2	Tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 2	1.21
Ivns1abp	Influenza virus NS1A binding protein	1.21
Ptprr	Protein tyrosine phosphatase, receptor type, R	1.21
Apba2bp	Amyloid beta (A4) precursor protein-binding, family A, member 2 binding protein	1.21
Pnma1	Paraneoplastic antigen MA1	1.20
Ppp2r2a	Protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), alpha isoform	1.20
Cyfip2	Cytoplasmic FMR1 interacting protein 2	1.20
Sfrp1	Secreted frizzled-related protein 1	1.20
Acpl2	Acid phosphatase-like 2	1.20
Cdh4	Cadherin 4	1.20
Coro2b	Coronin, actin binding protein, 2B	1.20
Xtrp3s1	X transporter protein 3 similar 1 gene	1.20
Bsn	Bassoon	1.20
Ctnbp2	Cortactin binding protein 2	1.20

Chst1	Carbohydrate (keratan sulfate Gal-6) sulfotransferase 1	1.19
Tef	Thyrotroph embryonic factor	1.19
Kcnf1	Potassium voltage-gated channel, subfamily F, member 1	1.19
Thbs4	Thrombospondin 4	1.19
Ppp1r16b	Protein phosphatase 1, regulatory (inhibitor) subunit 16B	1.19
Arntl	Aryl hydrocarbon receptor nuclear translocator-like	1.19
Entpd3	Ectonucleoside triphosphate diphosphohydrolase 3	1.19
Pde5a	Phosphodiesterase 5A, cGMP-specific	1.19
Ogn	Osteoglycin	1.18
B4galnt1	Beta-1,4-N-acetyl-galactosaminyl transferase 1	1.18
Atp8a1	ATPase, aminophospholipid transporter (APLT), class I, type 8A, member 1	1.18
Otof	Otoferlin	1.18
Ahctf1	AT hook containing transcription factor 1	1.18
Htr4	5 hydroxytryptamine (serotonin) receptor 4	1.17
Nxph4	Neurexophilin 4	1.17
Mtap9	Microtubule-associated protein 9	1.17
BC046404	CDNA sequence BC046404	1.17
Trib3	Tribbles homolog 3 (Drosophila)	1.17
Tmem44	Transmembrane protein 44	1.17
Maml3	Mastermind like 3 (Drosophila)	1.17
Edn1	Endothelin 1	1.17
Csmd3	CUB and Sushi multiple domains 3	1.16
Arhgef2	Rho/rac guanine nucleotide exchange factor (GEF) 2	1.16
Per1	Period homolog 1 (Drosophila)	1.16
Psd4	Pleckstrin and Sec7 domain containing 4	1.16
Pip4k2c	Phosphatidylinositol-5-phosphate 4-kinase, type II, gamma	1.16
Tomm70a	Translocase of outer mitochondrial membrane 70 homolog A (yeast)	1.16
Myh11	Myosin, heavy polypeptide 11, smooth muscle	1.16
Ifrd1	Interferon-related developmental regulator 1	1.15

Actr3b	ARP3 actin-related protein 3 homolog B (yeast)	1.15
Gipc2	GIPC PDZ domain containing family, member 2	1.15
Mtpn	Myotrophin	1.15
Gng4	Guanine nucleotide binding protein (G protein), gamma 4 subunit	1.15
	CDNA, clone:Y2G0115A01, strand:plus, reference:ENSEMBL:Mouse-Transcript-ENST:ENSMUST00000040967, based on BLAT search	1.15
Nxph3	Neurexophilin 3	1.14
Dlx6	Distal-less homeobox 6	1.14
Lphn1	Latrophilin 1	1.14
Prkcz	Protein kinase C, zeta	1.14
Cited4	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 4	1.14
Lmcd1	LIM and cysteine-rich domains 1	1.14
Ippk	Inositol 1,3,4,5,6-pentakisphosphate 2-kinase	1.14
Icam2	Intercellular adhesion molecule 2	1.14
Espn	Espin	1.14
Zdhhc14	Zinc finger, DHHC domain containing 14	1.14
Pde4b	Phosphodiesterase 4B, cAMP specific	1.13
Gldc	Glycine decarboxylase	1.13
Gucy1b3	Guanylate cyclase 1, soluble, beta 3	1.13
Rgs12	Regulator of G-protein signaling 12	1.13
Rnf169	Ring finger protein 169	1.13
Rasgrf2	RAS protein-specific guanine nucleotide-releasing factor 2	1.13
Samd8	Sterile alpha motif domain containing 8	1.13
Fem1a	Feminization 1 homolog a (C. elegans)	1.13
Lrp1b	Low density lipoprotein-related protein 1B (deleted in tumors)	1.13
Rims1	Regulating synaptic membrane exocytosis 1	1.13
Ppp1r1a	Protein phosphatase 1, regulatory (inhibitor) subunit 1A	1.13

Ddit4l	DNA-damage-inducible transcript 4-like	1.13
Rundc1	RUN domain containing 1	1.13
Pitpnm2	Phosphatidylinositol transfer protein, membrane-associated 2	1.13
Prickle2	Prickle-like 2 (Drosophila)	1.12
Slc35f3	Solute carrier family 35, member F3	1.12
Zfp239	Zinc finger protein 239	1.12
P2ry1	Purinergic receptor P2Y, G-protein coupled 1	1.12
Fras1	Fraser syndrome 1 homolog (human)	1.12
Erlin1	ER lipid raft associated 1	1.11
Wnt2b	Wingless related MMTV integration site 2b	1.11
Cyb561d1	Cytochrome b-561 domain containing 1	1.11
Bcl6b	B-cell CLL/lymphoma 6, member B	1.11
Ext1	Exostoses (multiple) 1	1.11
Fbxo41	F-box protein 41	1.11
Trrap	Transformation/transcription domain-associated protein	1.11
Sema4a	Sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A	1.11
Hvcn1	Hydrogen voltage-gated channel 1	1.11
Lmo2	LIM domain only 2	1.11
Lrrc4c	Leucine rich repeat containing 4C	1.11
C1qtnf6	C1q and tumor necrosis factor related protein 6	1.11
Eya2	Eyes absent 2 homolog (Drosophila)	1.10
Zfp711	Zinc finger protein 711	1.10
Ints7	Integrator complex subunit 7	1.10
Unc84a	Unc-84 homolog A (C. elegans)	1.10
Zfp36	Zinc finger protein 36	1.09
Plekhh2	Pleckstrin homology domain containing, family H (with MyTH4 domain) member 2	1.09
Fstl4	Follistatin-like 4	1.09

E2f3	E2F transcription factor 3	1.09
Gzmm	Granzyme M (lymphocyte met-ase 1)	1.09
Rock2	Rho-associated coiled-coil containing protein kinase 2	1.08
Jmjd1a	Jumonji domain containing 1A	1.08
Klhl23	Kelch-like 23 (Drosophila)	1.08
Tsr1	TSR1, 20S rRNA accumulation, homolog (yeast)	1.08
Med14	Mediator complex subunit 14	1.08
Prss35	Protease, serine, 35	1.08
B3galt2	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 2	1.08
Lamb1-1	Laminin B1 subunit 1	1.08
Dlg1	Discs, large homolog 1 (Drosophila)	1.08
Brpf3	Bromodomain and PHD finger containing, 3	1.08
Sertad2	SERTA domain containing 2	1.08
Slc9a5	Solute carrier family 9 (sodium/hydrogen exchanger), member 5	1.08
Sipa1l3	Signal-induced proliferation-associated 1 like 3	1.07
Ubn1	Ubiquitin 1	1.07
Coch	Coagulation factor C homolog (Limulus polyphemus)	1.07
Pcsk1	Proprotein convertase subtilisin/kexin type 1	1.07
Nr2e1	Nuclear receptor subfamily 2, group E, member 1	1.07
Josd1	Josephin domain containing 1	1.07
Slit3	Slit homolog 3 (Drosophila)	1.06
Rnf165	Ring finger protein 165	1.06
Cacng8	Calcium channel, voltage-dependent, gamma subunit 8	1.06
Slc16a2	Solute carrier family 16 (monocarboxylic acid transporters), member 2	1.06
Nuak1	NUAK family, SNF1-like kinase, 1	1.06
BC002199	CDNA sequence BC002199	1.06
Creg2	Cellular repressor of E1A-stimulated genes 2	1.06
Tmem132b	Transmembrane protein 132B	1.06
Tia1	Cytotoxic granule-associated RNA binding protein 1	1.06
Plcxdl	Phosphatidylinositol-specific phospholipase C, X domain containing 1	1.06

H2-DMa	Histocompatibility 2, class II, locus DMa	1.06
Nmnat3	Nicotinamide nucleotide adenylyltransferase 3	1.06
Tmem16a	Transmembrane protein 16A	1.06
Cdc40	Cell division cycle 40 homolog (yeast)	1.05
Mras	Muscle and microspikes RAS	1.05
Wnt6	Wingless-related MMTV integration site 6	1.05
Lrfn2	Leucine rich repeat and fibronectin type III domain containing 2	1.05
Hes1	Hairy and enhancer of split 1 (Drosophila)	1.05
Zdhhc13	Zinc finger, DHHC domain containing 13	1.05
Slitrk2	SLIT and NTRK-like family, member 2	1.04
Car10	Carbonic anhydrase 10	1.04
Pou6f1	POU domain, class 6, transcription factor 1	1.04
Commd1	COMM domain containing 1	1.04
Nkx3-1	NK-3 transcription factor, locus 1 (Drosophila)	1.04
Inpp5d	Inositol polyphosphate-5-phosphatase D	1.04
Hivep3	Human immunodeficiency virus type I enhancer binding protein 3	1.04
Darc	Duffy blood group, chemokine receptor	1.04
Spred1	Sprouty protein with EVH-1 domain 1, related sequence	1.04
Bcor	Bcl6 interacting corepressor	1.04
Acot3	Acyl-CoA thioesterase 3	1.04
Perld1	Per1-like domain containing 1	1.03
Hrbl	HIV-1 Rev binding protein-like	1.03
Foxo3a	Forkhead box O3a	1.03
Zfp280c	Zinc finger protein 280c	1.03
Snn	Stannin	1.03
Prkag2	Protein kinase, AMP-activated, gamma 2 non-catalytic subunit	1.02
BC057893	CDNA sequence BC057893	1.02
Gal3st3	Galactose-3-O-sulfotransferase 3	1.02
Syt12	Synaptotagmin-like 2	1.02
Matn2	Matrilin 2	1.02

Ddit4	DNA-damage-inducible transcript 4	1.02
Arid3a	AT rich interactive domain 3A (Bright like)	1.02
Hrh1	Histamine receptor H 1	1.02
Pik3r2	Phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 2 (p85 beta)	1.02
Cacna1a	Calcium channel, voltage-dependent, P/Q type, alpha 1A subunit	1.02
Gpr124	G protein-coupled receptor 124	1.01
Dusp6	Dual specificity phosphatase 6	1.01
BC043118	CDNA sequence BC043118	1.01
March4	Membrane-associated ring finger (C3HC4) 4	1.01
Sidt1	SID1 transmembrane family, member 1	1.01
Bai3	Brain-specific angiogenesis inhibitor 3	1.01
Ppp1r10	Protein phosphatase 1, regulatory subunit 10	1.01
	Transcribed locus, strongly similar to NP_079698.2 antigen [Mus musculus]	1.01
Galnt2	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 2	1.00
Cpxm1	Carboxypeptidase X 1 (M14 family)	1.00
Shf	Src homology 2 domain containing F	1.00
Smg7	Smg-7 homolog, nonsense mediated mRNA decay factor (C. elegans)	1.00
Socs3	Suppressor of cytokine signaling 3	1.00
Slc24a2	Solute carrier family 24 (sodium/potassium/calcium exchanger), member 2	1.00
St3gal1	ST3 beta-galactoside alpha-2,3-sialyltransferase 1	0.99
Lrrc55	Leucine rich repeat containing 55	0.99
Adcyap1	Adenylate cyclase activating polypeptide 1	0.99
Myc	Myelocytomatosis oncogene	0.99
Txnip	Thioredoxin interacting protein	0.99
Bahd1	Bromo adjacent homology domain containing 1	0.99
Med27	Mediator complex subunit 27	0.99

Abhd2	Abhydrolase domain containing 2	0.99
Lypd1	Ly6/Plaur domain containing 1	0.99
Rnf166	Ring finger protein 166	0.99
Epha6	Eph receptor A6	0.99
Ppp1r7	Protein phosphatase 1, regulatory (inhibitor) subunit 7	0.99
Rapgef2	Rap guanine nucleotide exchange factor (GEF) 2	0.99
Opcml	Opioid binding protein/cell adhesion molecule-like	0.99
Clic5	Chloride intracellular channel 5	0.99
Gng10	Guanine nucleotide binding protein (G protein), gamma 10	0.98
Usp13	Ubiquitin specific peptidase 13 (isopeptidase T-3)	0.98
Acyl1	Aminoacylase 1	0.98
Kcni3	Kv channel interacting protein 3, calsenilin	0.98
Tut1	Terminal uridylyl transferase 1, U6 snRNA-specific	0.98
Rbck1	RanBP-type and C3HC4-type zinc finger containing 1	0.98
Klhl1	Kelch-like 1 (Drosophila)	0.98
Kcnh7	Potassium voltage-gated channel, subfamily H (eag-related), member 7	0.98
Prkcc	Protein kinase C, gamma	0.97
Tmem178	Transmembrane protein 178	0.97
BC068157	CDNA sequence BC068157	0.97
Mysm1	Myb-like, SWIRM and MPN domains 1	0.97
Asah3l	N-acylsphingosine amidohydrolase 3-like	0.97
Pcdhb13	Protocadherin beta 13	0.97
Ythdc2	YTH domain containing 2	0.97
Mllt1	Myeloid/lymphoid or mixed lineage-leukemia translocation to 1 homolog (Drosophila)	0.97
Adat2	Adenosine deaminase, tRNA-specific 2, TAD2 homolog (S. cerevisiae) Transcribed locus, moderately similar to XP_001106577.1 similar to gene model 608, [Macaca mulatta]	0.97
Nsg2	Neuron specific gene family member 2	0.96

Ppp2r2c	Protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), gamma isoform	0.96
Dmtf1	Cyclin D binding myb-like transcription factor 1	0.96
Tbc1d20	TBC1 domain family, member 20	0.96
Zfp503	Zinc finger protein 503	0.96
LOC622469	Similar to SRp40-1	0.96
Sertad1	SERTA domain containing 1	0.96
Gnao1	Guanine nucleotide binding protein, alpha o	0.96
Ranbp17	RAN binding protein 17	0.96
Dusp5	Dual specificity phosphatase 5	0.96
Wdr13	WD repeat domain 13	0.96
Scn2a1	Sodium channel, voltage-gated, type II, alpha 1	0.96
Camta2	Calmodulin binding transcription activator 2	0.96
LanC1	LanC (bacterial lantibiotic synthetase component C)-like 1	0.96
Mcf2l	Mcf.2 transforming sequence-like	0.95
Stra6	Stimulated by retinoic acid gene 6	0.95
Pdpk1	3-phosphoinositide dependent protein kinase-1	0.95
Abl2	V-abl Abelson murine leukemia viral oncogene 2 (arg, Abelson-related gene)	0.95
Mpp2	Membrane protein, palmitoylated 2 (MAGUK p55 subfamily member 2)	0.95
Lhx6	LIM homeobox protein 6	0.95
Hpd1	4-hydroxyphenylpyruvate dioxygenase-like	0.95
Yrdc	YrdC domain containing (E.coli)	0.95
Agpat7	1-acylglycerol-3-phosphate O-acyltransferase 7 (lysophosphatidic acid acyltransferase, eta)	0.95
Ngb	Neuroglobin	0.95
Mettl8	Methyltransferase like 8	0.95
Stim1	Stromal interaction molecule 1	0.95
Ebf3	Early B-cell factor 3	0.95

Rasgef1b	RasGEF domain family, member 1B	0.95
Atf7ip	Activating transcription factor 7 interacting protein	0.95
Mark1	MAP/microtubule affinity-regulating kinase 1	0.95
Tpm1	Tropomyosin 1, alpha	0.95
Zfp112	Zinc finger protein 112	0.95
Lingo2	Leucine rich repeat and Ig domain containing 2	0.94
Itgav	Integrin alpha V	0.94
BC002230	CDNA sequence BC002230	0.94
Irak2	Interleukin-1 receptor-associated kinase 2	0.94
Gprin1	G protein-regulated inducer of neurite outgrowth 1	0.94
Mfsd4	Major facilitator superfamily domain containing 4	0.94
Dpy1913	Dpy-19-like 3 (C. elegans)	0.94
Nudt10	Nudix (nucleoside diphosphate linked moiety X)-type motif 10	0.94
Mylk	Myosin, light polypeptide kinase	0.94
Spnb1	Spectrin beta 1	0.94
Egln3	EGL nine homolog 3 (C. elegans)	0.94
Ttl	Tubulin tyrosine ligase	0.94
Dnajc13	DnaJ (Hsp40) homolog, subfamily C, member 13	0.93
Clstn2	Calsyntenin 2	0.93
Sh3rf1	SH3 domain containing ring finger 1	0.93
Slk	STE20-like kinase (yeast)	0.93
Tspan7	Tetraspanin 7	0.93
Foxk2	Forkhead box K2	0.93
Macro2	MACRO domain containing 2	0.93
Ubox5	U box domain containing 5	0.93
Svop	SV2 related protein	0.93
Ldha	Lactate dehydrogenase A	0.93
Clcn1	Chloride channel 1	0.93
Epb4.111	Erythrocyte protein band 4.1-like 1	0.93
Jakmip1	Janus kinase and microtubule interacting protein 1	0.93

Nat14	N-acetyltransferase 14	0.92
BC067047	CDNA sequence BC067047	0.92
Nrip1	Nuclear receptor interacting protein 1	0.92
Dlg2	Discs, large homolog 2 (Drosophila)	0.92
Gm129	Gene model 129, (NCBI)	0.92
Zc3h12b	Zinc finger CCCH-type containing 12B	0.92
BC011426	CDNA sequence BC011426	0.92
Chgb	Chromogranin B	0.92
Slc25a23	Solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 23	0.91
Glmn	Glomulin, FKBP associated protein	0.91
	Transcribed locus, strongly similar to NP_065390.1 factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha [Homo sapiens]	0.91
Xrn2	5'-3' exoribonuclease 2	0.91
Tmem74	Transmembrane protein 74	0.91
Phactr3	Phosphatase and actin regulator 3	0.91
Kifc2	Kinesin family member C2	0.91
Obfc1	Oligonucleotide/oligosaccharide-binding fold containing 1	0.91
Mbd5	Methyl-CpG binding domain protein 5	0.91
Lin7a	Lin-7 homolog A (C. elegans)	0.91
Lipt1	Lipoyltransferase 1	0.91
Pdzk1	PDZ domain containing 1	0.91
Leng8	Leukocyte receptor cluster (LRC) member 8	0.91
Sema3f	Sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F	0.91
Stox1	Storkhead box 1	0.91
Cd68	CD68 antigen	0.90
AW551984	Expressed sequence AW551984	0.90

Xpnpep3	X-prolyl aminopeptidase (aminopeptidase P) 3, putative	0.90
Cntnap5a	Contactin associated protein-like 5A	0.90
Bbs2	Bardet-Biedl syndrome 2 homolog (human)	0.90
Socs7	Suppressor of cytokine signaling 7	0.90
Kcnk4	Potassium channel, subfamily K, member 4	0.90
Ptprj	Protein tyrosine phosphatase, receptor type, J	0.90
Pcdhb2	Protocadherin beta 2	0.90
Pcdh1	Protocadherin 1	0.90
Drd5	Dopamine receptor 5	0.90
Xpo6	Exportin 6	0.90
Ppapdc2	Phosphatidic acid phosphatase type 2 domain containing 2	0.89
Tnks1bp1	Tankyrase 1 binding protein 1	0.89
Rara	Retinoic acid receptor, alpha	0.89
Mrc2	Mannose receptor, C type 2	0.89
Gpr39	G protein-coupled receptor 39	0.89
Eya4	Eyes absent 4 homolog (Drosophila)	0.89
Syt14	Synaptotagmin-like 4	0.89
Nip7	Nuclear import 7 homolog (S. cerevisiae)	0.89
Dyrk2	Dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2	0.89
BC018242	CDNA sequence BC018242	0.89
Dapk1	Death associated protein kinase 1	0.89
Pgbd5	PiggyBac transposable element derived 5	0.89
Gm71	Gene model 71, (NCBI)	0.89
Foxk1	Forkhead box K1	0.89
Pars2	Prolyl-tRNA synthetase (mitochondrial)(putative)	0.88
Jmjd2b	Jumonji domain containing 2B	0.88
Nckap1l	NCK associated protein 1 like	0.88
Smap1l	Stromal membrane-associated protein 1-like	0.88
Thsd7b	Thrombospondin, type I, domain containing 7B	0.88
Map2k6	Mitogen activated protein kinase kinase 6	0.88

Gucy1a3	Guanylate cyclase 1, soluble, alpha 3	0.88
Npy2r	Neuropeptide Y receptor Y2	0.88
Pex26	Peroxisome biogenesis factor 26	0.88
Cnih2	Cornichon homolog 2 (Drosophila)	0.88
Sfrs6	Splicing factor, arginine/serine-rich 6	0.88
Ash1	Ash1 (absent, small, or homeotic)-like (Drosophila)	0.88
Mizf	MBD2-interacting zinc finger	0.88
D5Ert579e	DNA segment, Chr 5, ERATO Doi 579, expressed	0.88
Lsm14b	LSM14 homolog B (SCD6, <i>S. cerevisiae</i>)	0.88
	Transcribed locus, moderately similar to XP_001100100.1 similar to membrane protein, palmitoylated 4 isoform 2 [<i>Macaca mulatta</i>]	0.88
Zfp704	Zinc finger protein 704	0.87
Tspan5	Tetraspanin 5	0.87
Rab3d	RAB3D, member RAS oncogene family	0.87
	Transcribed locus, moderately similar to XP_001111995.1 similar to family with sequence similarity 76, member A isoform 5 [<i>Macaca mulatta</i>]	0.87
Cst6	Cystatin E/M	0.87
Fgfr1op2	FGFR1 oncogene partner 2	0.87
Dcx	Doublecortin	0.87
Rin3	Ras and Rab interactor 3	0.87
Ap1s1	Adaptor protein complex AP-1, sigma 1	0.87
Mtap2	Microtubule-associated protein 2	0.87
Bag5	BCL2-associated athanogene 5	0.87
Spsb1	SplA/ryanodine receptor domain and SOCS box containing 1	0.87
Abcc9	ATP-binding cassette, sub-family C (CFTR/MRP), member 9	0.87
Atrnl1	Attractin like 1	0.87
Pdzd2	PDZ domain containing 2	0.86
Arrdc2	Arrestin domain containing 2	0.86

Inoc1	INO80 complex homolog 1 (<i>S. cerevisiae</i>)	0.86
Olfm2	Olfactomedin 2	0.86
Usp12	Ubiquitin specific peptidase 12	0.86
Myh10	Myosin, heavy polypeptide 10, non-muscle	0.86
Pcdhb19	Protocadherin beta 19	0.86
Sort1	Sortilin 1	0.86
Scn3a	Sodium channel, voltage-gated, type III, alpha	0.86
Plec1	Plectin 1	0.86
Nfkb2	Nuclear factor of kappa light polypeptide gene enhancer in B-cells 2, p49/p100	0.86
Esam1	Endothelial cell-specific adhesion molecule	0.86
Sfxn3	Sideroflexin 3	0.85
Nrn1	Neuritin 1	0.85
BC025920	CDNA sequence BC025920	0.85
Nptn	Neuroplastin	0.85
Asphd1	Aspartate beta-hydroxylase domain containing 1	0.85
Larp7	La ribonucleoprotein domain family, member 7	0.85
Rtn4r	Reticulon 4 receptor	0.85
Ank3	Ankyrin 3, epithelial	0.85
Nfate2ip	Nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2 interacting protein	0.85
Pfkfb3	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	0.85
Mapk14	Mitogen activated protein kinase 14	0.85
Vrk1	Vaccinia related kinase 1	0.85
Adamts1	A disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 1	0.84
Rnf44	Ring finger protein 44	0.84
Ece1	Endothelin converting enzyme 1	0.84
Gtf2h1	General transcription factor II H, polypeptide 1	0.84

	Transcribed locus, strongly similar to XP_516836.2 cyclin L1 isoform	
	6 [Pan troglodytes]	0.84
Prkci	Protein kinase C, iota	0.84
Dclre1a	DNA cross-link repair 1A, PSO2 homolog (<i>S. cerevisiae</i>)	0.84
Slc22a8	Solute carrier family 22 (organic anion transporter), member 8	0.84
	Transcribed locus, moderately similar to XP_001055368.1 similar to	
	nuclear RNA export factor 2 [<i>Rattus norvegicus</i>]	0.84
Ajap1	Adherens junction associated protein 1	0.84
AA536749	Expressed sequence AA536749	0.84
Pogz	Pogo transposable element with ZNF domain	0.84
D18Ert653e	DNA segment, Chr 18, ERATO Doi 653, expressed	0.84
Accn2	Amiloride-sensitive cation channel 2, neuronal	0.84
Htr5a	5-hydroxytryptamine (serotonin) receptor 5A	0.84
Ikzf1	IKAROS family zinc finger 1	0.83
BC025575	CDNA sequence BC025575	0.83
Pip4k2b	Phosphatidylinositol-5-phosphate 4-kinase, type II, beta	0.83
Pcsk2	Proprotein convertase subtilisin/kexin type 2	0.83
Sgip1	SH3-domain GRB2-like (endophilin) interacting protein 1	0.83
Zmiz1	Zinc finger, MIZ-type containing 1	0.83
Akap6	A kinase (PRKA) anchor protein 6	0.83
Gabrq	Gamma-aminobutyric acid (GABA-A) receptor, subunit theta	0.83
Cyp46a1	Cytochrome P450, family 46, subfamily a, polypeptide 1	0.83
Sdccag3	Serologically defined colon cancer antigen 3	0.83
Zfp661	Zinc finger protein 661	0.83
Epb4.1	Erythrocyte protein band 4.1	0.83
Zfp180	Zinc finger protein 180	0.83
Smad4	MAD homolog 4 (<i>Drosophila</i>)	0.82
Tceal6	Transcription elongation factor A (SII)-like 6	0.82
P2ry14	Purinergic receptor P2Y, G-protein coupled, 14	0.82

Avian musculoaponeurotic fibrosarcoma (v-maf) AS42 oncogene		
Maf	homolog	0.82
Tfb2m	Transcription factor B2, mitochondrial	0.82
Tbc1d23	TBC1 domain family, member 23	0.82
Inpp4a	Inositol polyphosphate-4-phosphatase, type I	0.82
Znf512b	Zinc finger protein 512B	0.82
Pgm5	Phosphoglucomutase 5	0.82
Scn3b	Sodium channel, voltage-gated, type III, beta	0.82
Fzd2	Frizzled homolog 2 (Drosophila)	0.82
Cacla1i	Calcium channel, voltage-dependent, alpha 1I subunit	0.82
Atkbd4	ATP binding domain 4	0.82
Scn8a	Sodium channel, voltage-gated, type VIII, alpha	0.82
Gpc4	Glypican 4	0.82
Spg21	Spastic paraplegia 21 homolog (human)	0.82
Mat2b	Methionine adenosyltransferase II, beta	0.82
Mtfmt	Mitochondrial methionyl-tRNA formyltransferase	0.81
Zc3h11a	Zinc finger CCCH type containing 11A	0.81
Schip1	Schwannomin interacting protein 1	0.81
Smyd3	SET and MYND domain containing 3	0.81
Sorts3	Sortilin-related VPS10 domain containing receptor 3	0.81
Nanos1	Nanos homolog 1 (Drosophila)	0.81
Brwd1	Bromodomain and WD repeat domain containing 1	0.81
Wisp1	WNT1 inducible signaling pathway protein 1	0.81
Srm2	Serine/arginine repetitive matrix 2	0.81
Gpr22	G protein-coupled receptor 22	0.81
	Transcribed locus, moderately similar to XP_001053534.1 similar to	
	Bex4 protein [Rattus norvegicus]	0.81
Ehbp111	EH domain binding protein 1-like 1	0.81
Cdh11	Cadherin 11	0.81
Lmbrd2	LMBR1 domain containing 2	0.81

Dgat2	Diacylglycerol O-acyltransferase 2	0.80
Arhgef4	Rho guanine nucleotide exchange factor (GEF) 4	0.80
Sirpa	Signal-regulatory protein alpha	0.80
Arl4a	ADP-ribosylation factor-like 4A	0.80
Grid1	Glutamate receptor, ionotropic, delta 1	0.80
Slc25a16	Solute carrier family 25 (mitochondrial carrier, Graves disease autoantigen), member 16	0.80
Gm996	Gene model 996, (NCBI)	0.80
Atxn3	Ataxin 3	0.80
Ccny	Cyclin Y	0.80
Ncoa1	Nuclear receptor coactivator 1	0.80
Galnt13	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 13	0.80
Ncoa6	Nuclear receptor coactivator 6	0.80
Bbx	Bobby sox homolog (Drosophila)	0.80
Arcp2	Actin related protein 2/3 complex, subunit 2	0.79
Tigd3	Tigger transposable element derived 3	0.79
Ubqln4	Ubiquilin 4	0.79
Pcnx12	Pecanex-like 2 (Drosophila)	0.79
Prima1	Proline rich membrane anchor 1	0.79
Pak6	P21 (CDKN1A)-activated kinase 6	0.79
Crcp	Calcitonin gene-related peptide-receptor component protein	0.79
Neto2	Neuropilin (NRP) and tolloid (TLL)-like 2	0.79
	9 days embryo whole body cDNA, RIKEN full-length enriched library, clone:D030065H24 product:unclassifiable, full insert sequence	0.79
Cblb	Casitas B-lineage lymphoma b	0.79
Ctsk	Cathepsin K	0.79
Rtn1	Reticulon 1	0.79
Wsb2	WD repeat and SOCS box-containing 2	0.79

Setbp1	SET binding protein 1	0.79
Ids	Iduronate 2-sulfatase	0.79
Cacng4	Calcium channel, voltage-dependent, gamma subunit 4	0.79
Fn1	Fibronectin 1	0.79
Zcchc6	Zinc finger, CCHC domain containing 6	0.79
Pgr	Progesterone receptor	0.78
Taf1b	TATA box binding protein (Tbp)-associated factor, RNA polymerase I, B	0.78
Vgf	VEGF nerve growth factor inducible	0.78
Dbr1	Debranching enzyme homolog 1 (<i>S. cerevisiae</i>)	0.78
Slc16a11	Solute carrier family 16 (monocarboxylic acid transporters), member 11	0.78
Adcy1	Adenylate cyclase 1	0.78
Birc6	Baculoviral IAP repeat-containing 6	0.78
Nrcam	Neuron-glia-CAM-related cell adhesion molecule	0.78
Zfp446	Zinc finger protein 446	0.78
Arnt	Aryl hydrocarbon receptor nuclear translocator	0.78
Map3k5	Mitogen activated protein kinase kinase kinase 5	0.78
Gnaz	Guanine nucleotide binding protein, alpha z subunit	0.78
Zmym3	Zinc finger, MYM-type 3	0.78
	Transcribed locus, weakly similar to XP_001110352.1 calcium channel, voltage-dependent, alpha 1E subunit [<i>Macaca mulatta</i>]	0.78
Mfge8	Milk fat globule-EGF factor 8 protein	0.78
Lin7b	Lin-7 homolog B (<i>C. elegans</i>)	0.78
Cdkl2	Cyclin-dependent kinase-like 2 (CDC2-related kinase)	0.77
Actr3	ARP3 actin-related protein 3 homolog (yeast)	0.77
Spred2	Sprouty-related, EVH1 domain containing 2	0.77
Trpc5	Transient receptor potential cation channel, subfamily C, member 5	0.77
Ppil4	Peptidylprolyl isomerase (cyclophilin)-like 4	0.77
Kcna3	Potassium voltage-gated channel, shaker-related subfamily, member 3	0.77
Ywhaz	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, zeta polypeptide	0.77

Khdrbs3	KH domain containing, RNA binding, signal transduction associated 3	0.77
BC007180	CDNA sequence BC007180	0.77
Pan3	PAN3 polyA specific ribonuclease subunit homolog (<i>S. cerevisiae</i>)	0.77
Slc4a10	Solute carrier family 4, sodium bicarbonate cotransporter-like, member 10	0.77
BC016423	CDNA sequence BC016423	0.77
Il6ra	Interleukin 6 receptor, alpha	0.77
Tbc1d22a	TBC1 domain family, member 22a	0.77
Ankrd12	Ankyrin repeat domain 12	0.77
Slc7a14	Solute carrier family 7 (cationic amino acid transporter, y+ system), member 14	0.77
	Transcribed locus, strongly similar to NP_067544.1 receptor 1 isoform NR1-2 precursor [<i>Homo sapiens</i>]	0.77
Ptcd1	Pentatricopeptide repeat domain 1	0.77
Tcf3	Transcription factor 3	0.77
Ccdc130	Coiled-coil domain containing 130	0.77
Tyw3	TRNA-yW synthesizing protein 3 homolog (<i>S. cerevisiae</i>)	0.77
Zbtb34	Zinc finger and BTB domain containing 34	0.77
Srpx	Sushi-repeat-containing protein	0.77
Ppp1r9b	Protein phosphatase 1, regulatory subunit 9B	0.77
Dnalc4	Dynein, axonemal, light chain 4	0.77
Topbp1	Topoisomerase (DNA) II beta binding protein	0.77
Gpr150	G protein-coupled receptor 150	0.76
Gemin8	Gem (nuclear organelle) associated protein 8	0.76
Reep6	Receptor accessory protein 6	0.76
Tbc1d8b	TBC1 domain family, member 8B	0.76
Usp2	Ubiquitin specific peptidase 2	0.76
Dennd3	DENN/MADD domain containing 3	0.76
Lrrc20	Leucine rich repeat containing 20	0.76

Zscan18	Zinc finger and SCAN domain containing 18	0.76
Arl6ip2	ADP-ribosylation factor-like 6 interacting protein 2	0.76
Kctd16	Potassium channel tetramerisation domain containing 16	0.76
Fert2	Fer (fms/fps related) protein kinase, testis specific 2	0.76
Thsd4	Thrombospondin, type I, domain containing 4	0.76
Evc2	Ellis van Creveld syndrome 2 homolog (human)	0.76
Olfml2a	Olfactomedin-like 2A	0.76
Chka	Choline kinase alpha	0.76
Man2a2	Mannosidase 2, alpha 2	0.76
Jhdm1d	Jumonji C domain-containing histone demethylase 1 homolog D (S. cerevisiae)	0.76
Ccm2	Cerebral cavernous malformation 2 homolog (human)	0.76
Basp1	Brain abundant, membrane attached signal protein 1	0.76
Ift57	Intraflagellar transport 57 homolog (Chlamydomonas)	0.75
Sntg1	Syntrophin, gamma 1	0.75
Braf	Braf transforming gene	0.75
Rnf157	Ring finger protein 157	0.75
D1Ert622e	DNA segment, Chr 1, ERATO Doi 622, expressed	0.75
Pcgf3	Polycomb group ring finger 3	0.75
Ddef1	Development and differentiation enhancing	0.75
Arhgap1	Rho GTPase activating protein 1	0.75
Smndc1	Survival motor neuron domain containing 1	0.75
Zdhhc8	Zinc finger, DHHC domain containing 8	0.75
Itsn2	Intersectin 2	0.75
Spin1	Spindlin 1	0.75
Spock3	Sparc/osteonectin, cwcv and kazal-like domains proteoglycan 3	0.75
C1galt1	Core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase, 1	0.75
Pitpnb	Phosphatidylinositol transfer protein, beta	0.75

Dusp7	Dual specificity phosphatase 7	0.75
Flot2	Flotillin 2	0.74
Tnfrsf19	Tumor necrosis factor receptor superfamily, member 19	0.74
Bdp1	B double prime 1, subunit of RNA polymerase III transcription initiation factor IIIB	0.74
Adam22	A disintegrin and metallopeptidase domain 22	0.74
Wfs1	Wolfram syndrome 1 homolog (human)	0.74
St3gal5	ST3 beta-galactoside alpha-2,3-sialyltransferase 5	0.74
Qsox2	Quiescin Q6 sulfhydryl oxidase 2	0.74
Hmbs	Hydroxymethylbilane synthase	0.74
Gramd2	GRAM domain containing 2	0.74
Coro7	Coronin 7	0.74
Mina	Myc induced nuclear antigen	0.74
Dbpht2	DNA binding protein with his-thr domain	0.74
Abcd2	ATP-binding cassette, sub-family D (ALD), member 2	0.74
Kcna1	Potassium voltage-gated channel, shaker-related subfamily, member 1	0.74
Net1	Neuroepithelial cell transforming gene 1	0.74
Akap11	A kinase (PRKA) anchor protein 11	0.74
Fbxo34	F-box protein 34	0.74
Etv6	Ets variant gene 6 (TEL oncogene)	0.74
Gnb11	Guanine nucleotide binding protein (G protein), beta polypeptide 1-like	0.74
BC021381	CDNA sequence BC021381	0.74
Hnrpdl	Heterogeneous nuclear ribonucleoprotein D-like	0.73
Dclre1c	DNA cross-link repair 1C, PSO2 homolog (S. cerevisiae)	0.73
Ncam2	Neural cell adhesion molecule 2	0.73
Kcna4	Potassium voltage-gated channel, shaker-related subfamily, member 4	0.73
Slc1a2	Solute carrier family 1 (glial high affinity glutamate transporter), member 2	0.73
Rybp	RING1 and YY1 binding protein	0.73
Rab27b	RAB27b, member RAS oncogene family	0.73

Add1	Adducin 1 (alpha)	0.73
Slc6a13	Solute carrier family 6 (neurotransmitter transporter, GABA), member 13	0.73
	Transcribed locus, moderately similar to XP_001113453.1 similar to	
	tropomyosin 3, gamma isoform 14 [Macaca mulatta]	0.73
Adam23	A disintegrin and metallopeptidase domain 23	0.73
Cd44	CD44 antigen	0.73
Mex3a	Mex3 homolog A (C. elegans)	0.73
Ankrd13b	Ankyrin repeat domain 13b	0.73
Rev1	REV1 homolog (S. cerevisiae)	0.73
Sgsm2	Small G protein signaling modulator 2	0.73
Hectd2	HECT domain containing 2	0.73
Hmgcs2	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2	0.73
Zfp382	Zinc finger protein 382	0.73
Kpna1	Karyopherin (importin) alpha 1	0.73
BC020002	CDNA sequence BC020002	0.73
Usp7	Ubiquitin specific peptidase 7	0.72
Kcnd1	Potassium voltage-gated channel, Shal-related family, member 1	0.72
Tomm34	Translocase of outer mitochondrial membrane 34	0.72
	15 days embryo head cDNA, RIKEN full-length enriched library, clone:D930025C07 product:unclassifiable, full insert sequence	0.72
Sdccag8	Serologically defined colon cancer antigen 8	0.72
Zfp3	Zinc finger protein 3	0.72
Pten	Phosphatase and tensin homolog	0.72
Zfp580	Zinc finger protein 580	0.72
Zbed3	Zinc finger, BED domain containing 3	0.72
Slc30a4	Solute carrier family 30 (zinc transporter), member 4	0.72
Dopey2	Dopey family member 2	0.72
Zgpat	Zinc finger, CCCH-type with G patch domain	0.72
Ttbk1	Tau tubulin kinase 1	0.72

Cntnap4	Contactin associated protein-like 4	0.72
Fig4	FIG4 homolog (<i>S. cerevisiae</i>)	0.72
Col4a1	Collagen, type IV, alpha 1	0.72
Ddx5	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5	0.72
Pclo	Piccolo (presynaptic cytomatrix protein)	0.71
Armc9	Armadillo repeat containing 9	0.71
Wdr5	WD repeat domain 5	0.71
Gpm6a	Glycoprotein m6a	0.71
Nol6	Nucleolar protein family 6 (RNA-associated)	0.71
Rapgef1	Rap guanine nucleotide exchange factor (GEF) 1	0.71
Ogfrl1	Opioid growth factor receptor-like 1	0.71
Map3k10	Mitogen activated protein kinase kinase kinase 10	0.71
Man2a1	Mannosidase 2, alpha 1	0.71
Vasn	Vasorin	0.71
	Transcribed locus, strongly similar to XP_001077020.1 similar to SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1 (SWI/SNF complex 155 kDa subunit) (BRG1-associated factor 155) (SWI3-related protein) isoform 5	0.71
	Transcribed locus, moderately similar to XP_001095179.1 hypothetical protein isoform 1 [<i>Macaca mulatta</i>]	0.71
Sufu	Suppressor of fused homolog (<i>Drosophila</i>)	0.71
Tshz1	Teashirt zinc finger family member 1	0.71
Odz4	Odd Oz/ten-m homolog 4 (<i>Drosophila</i>)	0.71
Tagln	Transgelin	0.71
Herc1	Hect (homologous to the E6-AP (UBE3A) carboxyl terminus) domain and RCC1 (CHC1)-like domain (RLD) 1	0.70
Thg11	TRNA-histidine guanylyltransferase 1-like (<i>S. cerevisiae</i>)	0.70
Tnks2	Tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase 2	0.70
Sp2	Sp2 transcription factor	0.70

Frat2	Frequently rearranged in advanced T-cell lymphomas 2	0.70
Pcdh15	Protocadherin 15	0.70
Vps33a	Vacuolar protein sorting 33A (yeast)	0.70
Ddx51	DEAD (Asp-Glu-Ala-Asp) box polypeptide 51	0.70
Sema4b	Sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B	0.70
Cdc216	Cell division cycle 2-like 6 (CDK8-like)	0.70
Nme7	Non-metastatic cells 7, protein expressed in	0.70
Nup62	Nucleoporin 62	0.70
Calb1	Calbindin-28K	0.70
Znrf3	Zinc and ring finger 3	0.69
Rmnd5b	Required for meiotic nuclear division 5 homolog B (<i>S. cerevisiae</i>)	0.69
Chst11	Carbohydrate sulfotransferase 11	0.69
Fbxl22	F-box and leucine-rich repeat protein 22	0.69
Col12a1	Collagen, type XII, alpha 1	0.69
Flrt3	Fibronectin leucine rich transmembrane protein 3	0.69
Pcmt2	Protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 2	0.69
Mcm3ap	Minichromosome maintenance deficient 3 (<i>S. cerevisiae</i>) associated protein	0.69
Ubtf	Upstream binding transcription factor, RNA polymerase I	0.69
Als2cr13	Amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 13 (human)	0.69
Arid1a	AT rich interactive domain 1A (Swi1 like)	0.69
Ccnt2	Cyclin T2	0.69
Zfp574	Zinc finger protein 574	0.69
BC039093	Transcribed locus, moderately similar to XP_001114820.1 NCK adaptor protein 1 isoform 3 [<i>Macaca mulatta</i>] CDNA sequence BC039093	0.69

Dscam11	Down syndrome cell adhesion molecule-like 1	0.69
Smarca1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1	0.69
Pscd2	Pleckstrin homology, Sec7 and coiled-coil domains 2	0.69
Pde4dip	Phosphodiesterase 4D interacting protein (myomegalin)	0.69
Zmynd11	Zinc finger, MYND domain containing 11	0.69
Lin54	Lin-54 homolog (C. elegans)	0.69
Usp27x	Ubiquitin specific peptidase 27, X chromosome	0.69
LOC434156	Similar to EID-2-like inhibitor of differentiation-3	0.69
	Transcribed locus, strongly similar to XP_001089607.1 similar to dynein, cytoplasmic, light peptide isoform 2 [Macaca mulatta]	0.69
	Transcribed locus, weakly similar to XP_001095360.1 similar to Nedd4 family interacting protein 1 [Macaca mulatta]	0.69
Zfp148	Zinc finger protein 148	0.68
Ranbp2	RAN binding protein 2	0.68
Wdr44	WD repeat domain 44	0.68
Ankrd28	Ankyrin repeat domain 28	0.68
Lmtk3	Lemur tyrosine kinase 3	0.68
Cspg4	Chondroitin sulfate proteoglycan 4	0.68
	Transcribed locus, moderately similar to XP_001054207.1 similar to MASK-4E-BP3 protein [Rattus norvegicus]	0.68
Serinc2	Serine incorporator 2	0.68
Sestd1	SEC14 and spectrin domains 1	0.68
Fbxw5	F-box and WD-40 domain protein 5	0.68
Zfr	Zinc finger RNA binding protein	0.68
Perp	PERP, TP53 apoptosis effector	0.68
Ascc3	Activating signal cointegrator 1 complex subunit 3	0.68
Prmt7	Protein arginine N-methyltransferase 7	0.68
Fli1	Friend leukemia integration 1	0.68

Aqp11	Aquaporin 11	0.68
Exoc5	Exocyst complex component 5	0.68
Abi1	Abl-interactor 1	0.67
Ahi1	Abelson helper integration site	0.67
Zfp407	Zinc finger protein 407	0.67
Serping1	Serine (or cysteine) peptidase inhibitor, clade G, member 1	0.67
	Transcribed locus, weakly similar to XP_001107426.1 similar to UPF3 regulator of nonsense transcripts homolog A isoform hUpf3p [Macaca mulatta]	0.67
Tspyl5	Testis-specific protein, Y-encoded-like 5	0.67
Tmem118	Transmembrane protein 118	0.67
Sf3b3	Splicing factor 3b, subunit 3	0.67
Jak2	Janus kinase 2	0.67
Stat6	Signal transducer and activator of transcription 6	0.67
Socs5	Suppressor of cytokine signaling 5	0.67
Zswim5	Zinc finger, SWIM domain containing 5	0.67
Cntnap1	Contactin associated protein-like 1	0.67
Arhgef17	Rho guanine nucleotide exchange factor (GEF) 17	0.67
Frm4b	FERM domain containing 4B	0.67
Lsm8	LSM8 homolog, U6 small nuclear RNA associated (<i>S. cerevisiae</i>)	0.67
Tle1	Transducin-like enhancer of split 1, homolog of <i>Drosophila</i> E(spl)	0.67
Tmem164	Transmembrane protein 164	0.67
Csnk1g1	Casein kinase 1, gamma 1	0.67
	Transcribed locus, weakly similar to XP_001110315.1 similar to chromosome 17 open reading frame 27 [Macaca mulatta]	0.67
Jundm2	Jun dimerization protein 2	0.67
Zfand2a	Zinc finger, AN1-type domain 2A	0.67
Scara3	Scavenger receptor class A, member 3	0.66
Lycat	Lysocardiolipin acyltransferase	0.66

	Transcribed locus, weakly similar to XP_573190.1 similar to	
	hypothetical protein [Rattus norvegicus]	0.66
Slc13a5	Solute carrier family 13 (sodium-dependent citrate transporter), member	
	5	0.66
Ccnyl1	Cyclin Y-like 1	0.66
R3hdm2	R3H domain containing 2	0.66
Rbak	RB-associated KRAB repressor	0.66
Ddx26b	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 26B	0.66
Bag4	BCL2-associated athanogene 4	0.66
Shb	Src homology 2 domain-containing transforming protein B	0.66
Irak1bp1	Interleukin-1 receptor-associated kinase 1 binding protein 1	0.66
Mcrs1	Microspherule protein 1	0.66
Vcan	Versican	0.66
Usp46	Ubiquitin specific peptidase 46	0.66
Sulf1	Sulfatase 1	0.66
Fbx110	F-box and leucine-rich repeat protein 10	0.66
	Transcribed locus, moderately similar to XP_001087260.1 similar to	
	pantothenate kinase 1 isoform alpha isoform 4 [Macaca mulatta]	0.66
Pcdhga12	Protocadherin gamma subfamily A, 12	0.66
Ralgps1	Ral GEF with PH domain and SH3 binding motif 1	0.65
Fscn1	Fascin homolog 1, actin bundling protein (Strongylocentrotus purpuratus)	0.65
RbmX2	RNA binding motif protein, X-linked 2	0.65
Chst2	Carbohydrate sulfotransferase 2	0.65
Aldh1b1	Aldehyde dehydrogenase 1 family, member B1	0.65
Tbc1d25	TBC1 domain family, member 25	0.65
Tmem68	Transmembrane protein 68	0.65
Celsr2	Cadherin EGF LAG seven-pass G-type receptor 2	0.65
Hif3a	Hypoxia inducible factor 3, alpha subunit	0.65
Mthfr	5,10-methylenetetrahydrofolate reductase	0.65
Tmem56	Transmembrane protein 56	0.65

Samd1	Sterile alpha motif domain containing 1	0.65
Ube3b	Ubiquitin protein ligase E3B	0.65
Nin	Ninein	0.65
Actb	Actin, beta, cytoplasmic	0.65
D10Bwg1379e	DNA segment, Chr 10, Brigham & Women's Genetics 1379 expressed	0.65
Stxbp5	Syntaxin binding protein 5 (tomosyn)	0.65
Sult2b1	Sulfotransferase family, cytosolic, 2B, member 1	0.65
Ar	Androgen receptor	0.65
Rnf24	Ring finger protein 24	0.65
Lamc2	Laminin, gamma 2	0.65
Grm7	Glutamate receptor, metabotropic 7	0.65
Dhdh	Dihydrodiol dehydrogenase (dimeric)	0.64
Mll5	Myeloid/lymphoid or mixed-lineage leukemia 5	0.64
Ccdc80	Coiled-coil domain containing 80	0.64
Gabrd	Gamma-aminobutyric acid (GABA-A) receptor, subunit delta	0.64
Rbm13	RNA binding motif protein 13	0.64
Mbtps1	Membrane-bound transcription factor peptidase, site 1	0.64
Dagla	Diacylglycerol lipase, alpha	0.64
Fkbp5	FK506 binding protein 5	0.64
Vstm2l	V-set and transmembrane domain containing 2-like	0.64
Smarca2	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2	0.64
Fbxo31	F-box protein 31	0.64
Tbc1d1	TBC1 domain family, member 1	0.64
Rcan1	Regulator of calcineurin 1	0.64
Pldn	Pallidin	0.64
Ccrn4l	CCR4 carbon catabolite repression 4-like (<i>S. cerevisiae</i>)	0.64
Afap111	Actin filament associated protein 1-like 1	0.64
Sgsm1	Small G protein signaling modulator 1	0.64
Mllt6	Myeloid/lymphoid or mixed lineage-leukemia translocation to 6 homolog	0.64

(Drosophila)

Gfra2	Glial cell line derived neurotrophic factor family receptor alpha 2	0.64
Tinagl	Tubulointerstitial nephritis antigen-like	0.64
Huwe1	HECT, UBA and WWE domain containing 1	0.64
Rbm11	RNA binding motif protein 11	0.64
Cntd1	Cyclin N-terminal domain containing 1	0.64
Pak1	P21 (CDKN1A)-activated kinase 1	0.64
Lhfp14	Lipoma HMGIC fusion partner-like protein 4	0.63
Erc6	Excision repair cross-complementing rodent repair deficiency, complementation group 6	0.63
Ctdspl2	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase like 2	0.63
Zdhc12	Zinc finger, DHHC domain containing 12	0.63
Prosc	Proline synthetase co-transcribed	0.63
Hey1	Hairy/enhancer-of-split related with YRPW motif 1	0.63
Cxcl12	Chemokine (C-X-C motif) ligand 12	0.63
Nlgn2	Neurologin 2	0.63
Vtn	Vitronectin	0.63
Med8	Mediator of RNA polymerase II transcription, subunit 8 homolog (yeast)	0.63
Crmp1	Collapsin response mediator protein 1	0.63
Sesn1	Sestrin 1	0.63
Hmgcr	3-hydroxy-3-methylglutaryl-Coenzyme A reductase	0.63
Ddx21	DEAD (Asp-Glu-Ala-Asp) box polypeptide 21	0.63
Ubr2	Ubiquitin protein ligase E3 component n-recognin 2	0.63
Mll1	Myeloid/lymphoid or mixed-lineage leukemia 1	0.63
Mybph	Myosin binding protein H	0.63
Etnk1	Ethanolamine kinase 1	0.63
Rc3h2	Ring finger and CCCH-type zinc finger domains 2	0.63
Paqr9	Progesterin and adipoQ receptor family member IX	0.63

Notch2	Notch gene homolog 2 (Drosophila)	0.62
Txnrd1	Thioredoxin reductase 1	0.62
Pdk4	Pyruvate dehydrogenase kinase, isoenzyme 4	0.62
Zfp1	Zinc finger protein 1	0.62
Dhx33	DEAH (Asp-Glu-Ala-His) box polypeptide 33	0.62
Stxbp51	Syntaxin binding protein 5-like	0.62
Ankrd45	Ankyrin repeat domain 45	0.62
Rbm6	RNA binding motif protein 6	0.62
Lrrc47	Leucine rich repeat containing 47	0.62
Sidt2	SID1 transmembrane family, member 2	0.62
Cpne4	Copine IV	0.62
	Transcribed locus, strongly similar to XP_001087228.1 similar to DnaJ (Hsp40) homolog, subfamily C, member 2 [Macaca mulatta]	0.62
	Transcribed locus, strongly similar to NP_066390.1 histone family, member A [Homo sapiens]	0.62
Cpeb4	Cytoplasmic polyadenylation element binding protein 4	0.62
Shank3	SH3/ankyrin domain gene 3	0.62
Tmem180	Transmembrane protein 180	0.62
Gpc3	Glypican 3	0.62
Zfp697	Zinc finger protein 697	0.62
Ap3b1	Adaptor-related protein complex 3, beta 1 subunit	0.62
Bmp7	Bone morphogenetic protein 7	0.62
	Transcribed locus, strongly similar to XP_001102995.1 similar to CG4845-PA [Macaca mulatta]	0.62
BC057627	CDNA sequence BC057627	0.61
Nsun6	NOL1/NOP2/Sun domain family 6	0.61
Vamp4	Vesicle-associated membrane protein 4	0.61
Thop1	Thimet oligopeptidase 1	0.61
Fzd3	Frizzled homolog 3 (Drosophila)	0.61

Myo18a	Myosin XVIIIa	0.61
	Transcribed locus, moderately similar to XP_001099471.1 myeloid/lymphoid or mixed-lineage leukemia 2 [Macaca mulatta]	0.61
Cnm1	Cyclin M1	0.61
Uvrag	UV radiation resistance associated gene	0.61
Spred3	Sprouty-related, EVH1 domain containing 3	0.61
Upf2	UPF2 regulator of nonsense transcripts homolog (yeast)	0.61
Zik1	Zinc finger protein interacting with K protein 1	0.61
Sfxn1	Sideroflexin 1	0.61
Zfp81	Zinc finger protein 81	0.61
Zzef1	Zinc finger, ZZ-type with EF hand domain 1	0.61
Ppp1r2	Protein phosphatase 1, regulatory (inhibitor) subunit 2	0.61
Gmppa	GDP-mannose pyrophosphorylase A	0.61
Phf15	PHD finger protein 15	0.61
Nptx2	Neuronal pentraxin 2	0.61
Bcl9	B-cell CLL/lymphoma 9	0.61
Gsk3b	Glycogen synthase kinase 3 beta	0.61
Cspg5	Chondroitin sulfate proteoglycan 5	0.61
Ccdc6	Coiled-coil domain containing 6	0.61
Gdf1	Growth differentiation factor 1	0.61
Siah1a	Seven in absentia 1A	0.61
Pomgnt1	Protein O-linked mannose beta1,2-N-acetylglucosaminyltransferase	0.61
Msr2	Macrophage scavenger receptor 2	0.60
Dip2c	DIP2 disco-interacting protein 2 homolog C (Drosophila)	0.60
Dullard	Dullard homolog (Xenopus laevis)	0.60
Lin7c	Lin-7 homolog C (C. elegans)	0.60
Prrt3	Proline-rich transmembrane protein 3	0.60
Zfp61	Zinc finger protein 61	0.60
	Transcribed locus, moderately similar to NP_001038855.1 protein LOC751674 [Danio rerio]	0.60

Snapc2	Small nuclear RNA activating complex, polypeptide 2	0.60
Nr1d1	Nuclear receptor subfamily 1, group D, member 1	0.60
Slc35c1	Solute carrier family 35, member C1	0.60
Tpst2	Protein-tyrosine sulfotransferase 2	0.60
Ypel2	Yippee-like 2 (Drosophila)	0.60
Epn2	Epsin 2	0.60
Pcmdt1	Protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 1	0.60
Mapre2	Microtubule-associated protein, RP/EB family, member 2	0.60
Abcb9	ATP-binding cassette, sub-family B (MDR/TAP), member 9	0.60
	Transcribed locus, weakly similar to XP_001073504.1 similar to Rab6 interacting protein 1 [Rattus norvegicus]	0.60
Rnf19b	Ring finger protein 19B	0.60
Nudt11	Nudix (nucleoside diphosphate linked moiety X)-type motif 11	0.60
Zfp39	Zinc finger protein 39	0.60
Dzip11	DAZ interacting protein 1-like	0.60
Ccdc21	Coiled-coil domain containing 21	0.60
Klhl26	Kelch-like 26 (Drosophila)	0.60
Pacs1	Phosphofurin acidic cluster sorting protein 1	0.60
Cenpo	Centromere protein O	0.60
Mesdc1	Mesoderm development candidate 1	0.59
Rps6ka2	Ribosomal protein S6 kinase, polypeptide 2	0.59
Pi4ka	Phosphatidylinositol 4-kinase, catalytic, alpha polypeptide	0.59
Trio	Triple functional domain (PTPRF interacting)	0.59
Nolc1	Nucleolar and coiled-body phosphoprotein 1	0.59
Nucks1	Nuclear casein kinase and cyclin-dependent kinase substrate 1	0.59
Ints2	Integrator complex subunit 2	0.59
Mxd1	MAX dimerization protein 1	0.59
Abcg2	ATP-binding cassette, sub-family G (WHITE), member 2	0.59

Fbxo11	F-box protein 11	0.59
D5Ert585e	DNA segment, Chr 5, ERATO Doi 585, expressed	0.59
Sec22a	SEC22 vesicle trafficking protein-like A (<i>S. cerevisiae</i>)	0.59
Tb11xr1	Transducin (beta)-like 1X-linked receptor 1	0.59
Ndel1	Nuclear distribution gene E-like homolog 1 (<i>A. nidulans</i>)	0.59
Hras1	Harvey rat sarcoma virus oncogene 1	0.59
Hlf	Hepatic leukemia factor	0.59
Id2	Inhibitor of DNA binding 2	0.59
Smug1	Single-strand selective monofunctional uracil DNA glycosylase	0.59
Jarid1b	Jumonji, AT rich interactive domain 1B (Rbp2 like)	0.59
Grem2	Gremlin 2 homolog, cysteine knot superfamily (<i>Xenopus laevis</i>)	0.59
Igf2r	Insulin-like growth factor 2 receptor	0.59
Srrp	Serine-arginine repressor protein	0.59
Vps54	Vacuolar protein sorting 54 (yeast)	0.59
Ptprb	Protein tyrosine phosphatase, receptor type, B	0.59
Yod1	YOD1 OTU deubiquitinating enzyme 1 homologue (<i>S. cerevisiae</i>)	0.59
Dhrs4	Dehydrogenase/reductase (SDR family) member 4	-0.59
Trim45	Tripartite motif-containing 45	-0.59
	Transcribed locus, moderately similar to NP_077182.1 dehydrogenase (ubiquinone) 1, subcomplex unknown, 2 [<i>Mus musculus</i>]	-0.59
C1qb	Complement component 1, q subcomponent, beta polypeptide	-0.59
Clcc1	Chloride channel CLIC-like 1	-0.59
Tesk2	Testis-specific kinase 2	-0.59
Rcctb1	Regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 1	-0.59
Dusp26	Dual specificity phosphatase 26 (putative)	-0.59
Gm323	Gene model 323, (NCBI)	-0.59
Pdcl	Phosducin-like	-0.59
Acox3	Acyl-Coenzyme A oxidase 3, pristanoyl	-0.59

DcblD2	Discoidin, CUB and LCCL domain containing 2	-0.59
Wdfy1	WD repeat and FYVE domain containing 1	-0.59
	Transcribed locus, moderately similar to XP_001086024.1 cathepsin L isoform 3 [Macaca mulatta]	-0.59
Prkcn	Protein kinase C, nu	-0.59
Zfp110	Zinc finger protein 110	-0.59
	Transcribed locus, strongly similar to XP_001087506.1 similar to vestigial like 4 [Macaca mulatta]	-0.59
	Transcribed locus, moderately similar to XP_001095686.1 isocitrate dehydrogenase 2 (NADP+), mitochondrial [Macaca mulatta]	-0.59
Nt5c3l	5'-nucleotidase, cytosolic III-like	-0.59
Zfp329	Zinc finger protein 329	-0.59
Fzd9	Frizzled homolog 9 (Drosophila)	-0.59
Slc9a7	Solute carrier family 9 (sodium/hydrogen exchanger), isoform 7	-0.59
Gtf3a	General transcription factor III A	-0.59
Dleu7	Deleted in lymphocytic leukemia, 7	-0.59
Gja9	Gap junction protein, alpha 9	-0.59
Zfp14	Zinc finger protein 14	-0.59
Ssh1	Slingshot homolog 1 (Drosophila)	-0.59
Pcsk1n	Proprotein convertase subtilisin/kexin type 1 inhibitor	-0.59
Dis3l	DIS3 mitotic control homolog (S. cerevisiae)-like	-0.59
Ets1	E26 avian leukemia oncogene 1, 5' domain	-0.60
Gm444	Gene model 444, (NCBI)	-0.60
	Transcribed locus, moderately similar to XP_001113353.1 glioma tumor suppressor candidate region gene 2 isoform 4 [Macaca mulatta]	-0.60
Limk2	LIM motif-containing protein kinase 2	-0.60
Hcfc1r1	Host cell factor C1 regulator 1 (XPO1-dependent)	-0.60
Rbj	Rab and DnaJ domain containing	-0.60
Lama2	Laminin, alpha 2	-0.60

Mthfd2	Methylenetetrahydrofolate dehydrogenase (NAD ⁺ dependent), methenyltetrahydrofolate cyclohydrolase	-0.60
Prkaa1	Protein kinase, AMP-activated, alpha 1 catalytic subunit	-0.60
Ctsc	Cathepsin C	-0.60
Arhgef6	Rac/Cdc42 guanine nucleotide exchange factor (GEF) 6	-0.60
Gpr137	G protein-coupled receptor 137	-0.60
Rspo3	R-spondin 3 homolog (<i>Xenopus laevis</i>)	-0.60
Limd1	LIM domains containing 1	-0.60
Manba	Mannosidase, beta A, lysosomal	-0.60
Cln8	Ceroid-lipofuscinosis, neuronal 8	-0.60
Sv2a	Synaptic vesicle glycoprotein 2 a	-0.60
Smad5	MAD homolog 5 (<i>Drosophila</i>)	-0.60
Rnf135	Ring finger protein 135	-0.60
Vwa1	Von Willebrand factor A domain containing 1	-0.60
Prkcm	Protein kinase C, mu	-0.60
Ints8	Integrator complex subunit 8	-0.60
	CDNA, clone:Y1G0102N19, strand:minus, reference:ENSEMBL:Mouse-Transcript-ENST:ENSMUST00000042546, based on BLAT search	-0.60
Gpr108	G protein-coupled receptor 108	-0.60
Il12rb2	Interleukin 12 receptor, beta 2	-0.60
Chrn2	Cholinergic receptor, nicotinic, beta polypeptide 2 (neuronal)	-0.61
Gm114	Gene model 114, (NCBI)	-0.61
Lypla1	Lysophospholipase 1	-0.61
B3galnt2	UDP-GalNAc:betaGlcNAc beta 1,3-galactosaminyltransferase, polypeptide 2	-0.61
Akr7a5	Aldo-keto reductase family 7, member A5 (aflatoxin aldehyde reductase)	-0.61
Ccdc22	Coiled-coil domain containing 22	-0.61
Cdr2l	Cerebellar degeneration-related protein 2-like	-0.61

Itih5	Inter-alpha (globulin) inhibitor H5	-0.61
BC065085	CDNA sequence BC065085	-0.61
P2rx4	Purinergic receptor P2X, ligand-gated ion channel 4	-0.61
	Transcribed locus, strongly similar to XP_001053409.1 similar to CG6878-PA isoform 2 [Rattus norvegicus]	-0.61
Rassf2	Ras association (RalGDS/AF-6) domain family 2	-0.61
Lyplal1	Lysophospholipase-like 1	-0.61
Serpind1	Serine (or cysteine) peptidase inhibitor, clade D, member 1	-0.61
Maged2	Melanoma antigen, family D, 2	-0.61
Stk39	Serine/threonine kinase 39, STE20/SPS1 homolog (yeast)	-0.61
	Transcribed locus, moderately similar to XP_001108259.1 similar to acyl-CoA synthetase long-chain family member 3 isoform 2 [Macaca mulatta]	-0.61
Slco3a1	Solute carrier organic anion transporter family, member 3a1	-0.61
Hexim2	Hexamethylene bis-acetamide inducible 2	-0.61
Trim66	Tripartite motif-containing 66	-0.61
Acsbg1	Acyl-CoA synthetase bubblegum family member 1	-0.61
Golga7	Golgi autoantigen, golgin subfamily a, 7	-0.61
	Transcribed locus, weakly similar to XP_001104789.1 similar to CG10889-PA [Macaca mulatta]	-0.61
D4Wsu53e	DNA segment, Chr 4, Wayne State University 53, expressed	-0.61
D0H4S114	DNA segment, human D4S114	-0.61
Mcm4	Minichromosome maintenance deficient 4 homolog (<i>S. cerevisiae</i>)	-0.62
Pkp4	Plakophilin 4	-0.62
Rin2	Ras and Rab interactor 2	-0.62
Rab31	RAB31, member RAS oncogene family	-0.62
Atp1a3	ATPase, Na ⁺ /K ⁺ transporting, alpha 3 polypeptide	-0.62
Sema5a	Sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain,	-0.62

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Rfc2	Replication factor C (activator 1) 2	-0.62
Acaa2	Acetyl-Coenzyme A acyltransferase 2 (mitochondrial 3-oxoacyl-Coenzyme A thiolase)	-0.62
Pcdhb3	Protocadherin beta 3	-0.62
H1f0	H1 histone family, member 0	-0.62
Pbxip1	Pre-B-cell leukemia transcription factor interacting protein 1	-0.62
Htr1a	5-hydroxytryptamine (serotonin) receptor 1A	-0.62
	Transcribed locus, strongly similar to XP_001069806.1 hypothetical protein [Rattus norvegicus]	-0.62
Mrpl51	Mitochondrial ribosomal protein L51	-0.62
Megf10	Multiple EGF-like-domains 10	-0.62
Enpp6	Ectonucleotide pyrophosphatase/phosphodiesterase 6	-0.62
Pcdhb22	Protocadherin beta 22	-0.62
Lgmn	Legumain	-0.62
Stx4a	Syntaxin 4A (placental)	-0.62
Tyw1	TRNA-yW synthesizing protein 1 homolog (<i>S. cerevisiae</i>)	-0.62
Anapc10	Anaphase promoting complex subunit 10	-0.62
AK129128	CDNA sequence AK129128	-0.62
Tekt5	Tektin 5	-0.62
Wipf1	WAS/WASL interacting protein family, member 1	-0.63
Paqr7	Progesterin and adipoQ receptor family member VII	-0.63
Kcnip4	Kv channel interacting protein 4	-0.63
Gnas	GNAS (guanine nucleotide binding protein, alpha stimulating) complex locus	-0.63
Zfp787	Zinc finger protein 787	-0.63
Cd97	CD97 antigen	-0.63
Cyp26b1	Cytochrome P450, family 26, subfamily b, polypeptide 1	-0.63

Zfp606	Zinc finger protein 606	-0.63
Plxnb2	Plexin B2	-0.63
Epha10	Eph receptor A10	-0.63
Ctss	Cathepsin S	-0.63
Cnm4	Cyclin M4	-0.63
Zfp213	Zinc finger protein 213	-0.63
Kif16b	Kinesin family member 16B	-0.63
Rusc1	RUN and SH3 domain containing 1	-0.63
Syn3	Synapsin III	-0.63
Mpp6	Membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6)	-0.63
Efha1	EF hand domain family A1	-0.64
Cd151	CD151 antigen	-0.64
Map4k4	Mitogen-activated protein kinase kinase kinase kinase 4	-0.64
Hps4	Hermansky-Pudlak syndrome 4 homolog (human)	-0.64
	Transcribed locus, moderately similar to XP_001094389.1 hypothetical protein isoform 2 [Macaca mulatta]	-0.64
Snta1	Syntrophin, acidic 1	-0.64
Cplx1	Complexin 1	-0.64
Serpnb1b	Serine (or cysteine) peptidase inhibitor, clade B, member 1b	-0.64
P4ha2	Procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha II polypeptide	-0.64
Stat5b	Signal transducer and activator of transcription 5B	-0.64
Kcnj16	Potassium inwardly-rectifying channel, subfamily J, member 16	-0.64
Upp2	Uridine phosphorylase 2	-0.64
Ecel1	Endothelin converting enzyme-like 1	-0.64
Litaf	LPS-induced TN factor	-0.64
Def8	Differentially expressed in FDCP 8	-0.64
Ppm1e	Protein phosphatase 1E (PP2C domain containing)	-0.64
Gprasp2	G protein-coupled receptor associated sorting protein 2	-0.64

Lpin1	Lipin 1	-0.64
Tbc1d12	TBC1D12: TBC1 domain family, member 12	-0.64
Scd2	Stearoyl-Coenzyme A desaturase 2	-0.64
Med30	Mediator complex subunit 30	-0.64
Dbnnd2	Dysbindin (dystrobrevin binding protein 1) domain containing 2	-0.64
Atp10b	ATPase, class V, type 10B	-0.65
Snap23	Synaptosomal-associated protein 23	-0.65
BC018371	CDNA sequence BC018371	-0.65
Vat1	Vesicle amine transport protein 1 homolog (T californica)	-0.65
Gcnt1	Glucosaminyl (N-acetyl) transferase 1, core 2	-0.65
Pxmp2	Peroxisomal membrane protein 2	-0.65
Sepn1	Selenoprotein N, 1	-0.65
Nedd8	Neural precursor cell expressed, developmentally down-regulated gene 8	-0.65
Hus1	Hus1 homolog (S. pombe)	-0.65
Nxt2	Nuclear transport factor 2-like export factor 2	-0.65
Itgb3bp	Integrin beta 3 binding protein (beta3-endonexin)	-0.65
Ctso	Cathepsin O	-0.65
Lypla2	Lysophospholipase 2	-0.65
Qsox1	Quiescin Q6 sulfhydryl oxidase 1	-0.65
Slc25a10	Solute carrier family 25 (mitochondrial carrier, dicarboxylate transporter), member 10	-0.65
Dok7	Docking protein 7	-0.65
Gpr177	G protein-coupled receptor 177	-0.65
Fundc1	FUN14 domain containing 1	-0.65
Tmem176b	Transmembrane protein 176B	-0.65
Adpgk	ADP-dependent glucokinase	-0.66
Ndufa13	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 13	-0.66
Rftn2	Raftlin family member 2	-0.66
Tkt	Transketolase	-0.66
Gpr56	G protein-coupled receptor 56	-0.66

Pigt	Phosphatidylinositol glycan anchor biosynthesis, class T	-0.66
Nudt4	Nudix (nucleoside diphosphate linked moiety X)-type motif 4	-0.66
Xrcc6	X-ray repair complementing defective repair in Chinese hamster cells 6	-0.66
Kbtbd3	Kelch repeat and BTB (POZ) domain containing 3	-0.66
Slc20a2	Solute carrier family 20, member 2	-0.66
Prkar2a	Protein kinase, cAMP dependent regulatory, type II alpha	-0.66
Jrkl	Jerky homolog-like (mouse)	-0.66
Cdc14b	CDC14 cell division cycle 14 homolog B (<i>S. cerevisiae</i>)	-0.66
Stard5	StAR-related lipid transfer (START) domain containing 5	-0.66
Rwdd4a	RWD domain containing 4A	-0.66
LOC627626	Similar to CG11212-PA	-0.66
Sncb	Synuclein, beta	-0.66
BC002216	CDNA sequence BC002216	-0.66
Agl	Amylo-1,6-glucosidase, 4-alpha-glucanotransferase	-0.66
Ttf2	Transcription termination factor, RNA polymerase II	-0.66
Tjp2	Tight junction protein 2	-0.66
Atg9b	ATG9 autophagy related 9 homolog B (<i>S. cerevisiae</i>)	-0.66
Kif5b	Kinesin family member 5B	-0.66
Zfp521	Zinc finger protein 521	-0.66
Mycbp	C-myc binding protein	-0.66
Slc29a3	Solute carrier family 29 (nucleoside transporters), member 3	-0.67
Csf1	Colony stimulating factor 1 (macrophage)	-0.67
Rcn2	Reticulocalbin 2	-0.67
Ppargc1b	Peroxisome proliferative activated receptor, gamma, coactivator 1 beta	-0.67
Fnta	Farnesyltransferase, CAAX box, alpha	-0.67
Uqcrcq	Ubiquinol-cytochrome c reductase, complex III subunit VII	-0.67
Sergef	Secretion regulating guanine nucleotide exchange factor	-0.67
Bmp2k	BMP2 inducible kinase	-0.67
Shroom4	Shroom family member 4	-0.67
Mrps5	Mitochondrial ribosomal protein S5	-0.67

Myo1c	Myosin IC	-0.67
Fkbp4	FK506 binding protein 4	-0.67
Pofut1	Protein O-fucosyltransferase 1	-0.68
Lage3	L antigen family, member 3	-0.68
Axin2	Axin2	-0.68
Scly	Selenocysteine lyase	-0.68
Phka1	Phosphorylase kinase alpha 1	-0.68
Ankrd44	Ankyrin repeat domain 44	-0.68
Crkl	V-crk sarcoma virus CT10 oncogene homolog (avian)-like	-0.68
Gab2	Growth factor receptor bound protein 2-associated protein 2	-0.68
Adra1d	Adrenergic receptor, alpha 1d	-0.68
Nhlrc2	NHL repeat containing 2	-0.68
Chst3	Carbohydrate (chondroitin 6/keratan) sulfotransferase 3	-0.68
Scrt1	Scratch homolog 1, zinc finger protein (Drosophila)	-0.68
Slc16a9	Solute carrier family 16 (monocarboxylic acid transporters), member 9	-0.68
Npc2	Niemann Pick type C2	-0.68
Hdac8	Histone deacetylase 8	-0.68
Ccdc100	Coiled-coil domain containing 100	-0.68
Zfp764	Zinc finger protein 764	-0.68
Tubb4	Tubulin, beta 4	-0.68
Mamdc4	MAM domain containing 4	-0.68
Tmc7	Transmembrane channel-like gene family 7	-0.69
Stxbp6	Syntaxin binding protein 6 (amisyn)	-0.69
Acot11	Acyl-CoA thioesterase 11	-0.69
Slc35e3	Solute carrier family 35, member E3	-0.69
Gstcd	Glutathione S-transferase, C-terminal domain containing	-0.69
Prkra	Protein kinase, interferon inducible double stranded RNA dependent activator	-0.69
BC030046	CDNA sequence BC030046	-0.69
BC006662	CDNA sequence BC006662	-0.69

Unc119b	Unc-119 homolog B (<i>C. elegans</i>)	-0.69
Trp53inp2	Transformation related protein 53 inducible nuclear protein 2	-0.69
Mrpl39	Mitochondrial ribosomal protein L39	-0.69
B3gnt1	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase-like 1	-0.69
Csda	Cold shock domain protein A	-0.69
	Transcribed locus, moderately similar to XP_001089760.1 similar to glutaminyl-tRNA synthase (glutamine-hydrolyzing)-like 1 isoform 3 [Macaca mulatta]	-0.69
Sdc4	Syndecan 4	-0.69
Gpr165	G protein-coupled receptor 165	-0.69
Zfp454	Zinc finger protein 454	-0.69
Sirt6	Sirtuin 6 (silent mating type information regulation 2, homolog) 6 (<i>S. cerevisiae</i>)	-0.69
Nab1	Ngfi-A binding protein 1	-0.69
Parp12	Poly (ADP-ribose) polymerase family, member 12	-0.69
Klf6	Kruppel-like factor 6	-0.70
Cebpg	CCAAT/enhancer binding protein (C/EBP), gamma	-0.70
Ube2l6	Ubiquitin-conjugating enzyme E2L 6	-0.70
BC053440	CDNA sequence BC053440	-0.70
Itsn1	Intersectin 1 (SH3 domain protein 1A)	-0.70
Crtap	Cartilage associated protein	-0.70
Spg20	Spastic paraplegia 20, spartin (Troyer syndrome) homolog (human)	-0.70
Adamtsl4	ADAMTS-like 4	-0.70
Ptpla	Protein tyrosine phosphatase-like (proline instead of catalytic arginine), member a	-0.70
Rrbp1	Ribosome binding protein 1	-0.70
Msi2	Musashi homolog 2 (<i>Drosophila</i>)	-0.70
Rpa1	Replication protein A1	-0.70

Gabpb2	GA repeat binding protein, beta 2	-0.70
Adam17	A disintegrin and metallopeptidase domain 17	-0.70
Cep250	Centrosomal protein 250	-0.70
Pigv	Phosphatidylinositol glycan anchor biosynthesis, class V	-0.70
Mex3d	Mex3 homolog D (C. elegans)	-0.70
Aldh9a1	Aldehyde dehydrogenase 9, subfamily A1	-0.71
LOC100039302	Similar to Motile sperm domain containing 1	-0.71
Bmpr1b	Bone morphogenetic protein receptor, type 1B	-0.71
Arhgap12	Rho GTPase activating protein 12	-0.71
Auh	AU RNA binding protein/enoyl-coenzyme A hydratase	-0.71
Il6st	Interleukin 6 signal transducer	-0.71
Zfp449	Zinc finger protein 449	-0.71
Fgfr2	Fibroblast growth factor receptor 2	-0.71
	Transcribed locus, moderately similar to XP_001091569.1 similar to Ca ²⁺ -dependent secretion activator isoform 3 [Macaca mulatta]	-0.71
Ubtd1	Ubiquitin domain containing 1	-0.71
Tsc22d4	TSC22 domain family 4	-0.71
Txnl1	Thioredoxin-like 1	-0.71
	Transcribed locus, weakly similar to XP_001082646.1 similar to NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 8, 19kDa [Macaca mulatta]	-0.71
Cpm	Carboxypeptidase M	-0.71
Paqr4	Progesterin and adipoQ receptor family member IV	-0.71
Acsl3	Acyl-CoA synthetase long-chain family member 3	-0.71
Tubb2c	Tubulin, beta 2c	-0.71
Kdelc1	KDEL (Lys-Asp-Glu-Leu) containing 1	-0.71
Zbtb12	Zinc finger and BTB domain containing 12	-0.71
Gpt1	Glutamic pyruvic transaminase 1, soluble	-0.72
Bace2	Beta-site APP-cleaving enzyme 2	-0.72

Psen2	Presenilin 2	-0.72
D8Ert82e	DNA segment, Chr 8, ERATO Doi 82, expressed	-0.72
Slc35f5	Solute carrier family 35, member F5	-0.72
Amt	Aminomethyltransferase	-0.72
Ppp1r14b	Protein phosphatase 1, regulatory (inhibitor) subunit 14B	-0.72
Ntn4	Netrin 4	-0.72
Mad111	Mitotic arrest deficient 1-like 1	-0.72
	Transcribed locus, moderately similar to XP_001092745.1 similar to ribosomal protein L18 [Macaca mulatta]	-0.72
Maob	Monoamine oxidase B	-0.72
Mdm1	Transformed mouse 3T3 cell double minute 1	-0.72
Ninj1	Ninjurin 1	-0.72
Gpr37l1	G protein-coupled receptor 37-like 1	-0.72
Pacs2	Phosphofurin acidic cluster sorting protein 2	-0.72
Car2	Carbonic anhydrase 2	-0.72
Gna12	Guanine nucleotide binding protein, alpha 12	-0.72
Ubfd1	Ubiquitin family domain containing 1	-0.72
Ermp1	Endoplasmic reticulum metalloproteinase 1	-0.72
BC034090	CDNA sequence BC034090	-0.72
Gpr17	G protein-coupled receptor 17	-0.72
Ccdc51	Coiled-coil domain containing 51	-0.72
Tcte1	T-complex-associated testis expressed 1	-0.73
Ndph	Norrie disease homolog	-0.73
Pank1	Pantothenate kinase 1	-0.73
Chst8	Carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 8	-0.73
Gm973	Gene model 973, (NCBI)	-0.73
Zfp748	Zinc finger protein 748	-0.73
Klc4	Kinesin light chain 4	-0.73
Fuca2	Fucosidase, alpha-L- 2, plasma	-0.73
Lrch1	Leucine-rich repeats and calponin homology (CH) domain containing 1	-0.73

Dalrd3	DALR anticodon binding domain containing 3	-0.73
Aldh3b1	Aldehyde dehydrogenase 3 family, member B1	-0.73
Tmem106c	Transmembrane protein 106C	-0.73
Zscan20	Zinc finger and SCAN domains 20	-0.74
Efna1	Ephrin A1	-0.74
Unc13c	Unc-13 homolog C (<i>C. elegans</i>)	-0.74
Cflar	CASP8 and FADD-like apoptosis regulator	-0.74
	Transcribed locus, moderately similar to XP_001116342.1 similar to K11G12.6 [<i>Macaca mulatta</i>]	-0.74
Lgi4	Leucine-rich repeat LGI family, member 4	-0.74
Abca2	ATP-binding cassette, sub-family A (ABC1), member 2	-0.74
Wdr46	WD repeat domain 46	-0.74
Rcan3	Regulator of calcineurin 3	-0.74
Sema6d	Sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D	-0.74
Hrasl3	HRAS like suppressor 3	-0.74
Trim56	Tripartite motif-containing 56	-0.74
Tns3	Tensin 3	-0.74
	Transcribed locus, weakly similar to XP_001106167.1 similar to protein tyrosine phosphatase, non-receptor type 14 isoform 1 [<i>Macaca mulatta</i>]	-0.74
Adipor2	Adiponectin receptor 2	-0.74
Rpp25	Ribonuclease P 25 subunit (human)	-0.74
Socs4	Suppressor of cytokine signaling 4	-0.75
BB181834	Expressed sequence BB181834	-0.75
Slc43a2	Solute carrier family 43, member 2	-0.75
Pcaf	P300/CBP-associated factor	-0.75
Ethe1	Ethylmalonic encephalopathy 1	-0.75
Col8a1	Collagen, type VIII, alpha 1	-0.75

Hspb8	Heat shock protein 8	-0.75
Tbkbp1	TBK1 binding protein 1	-0.75
Kcnc1	Potassium voltage gated channel, Shaw-related subfamily, member 1	-0.75
Faf1	Fas-associated factor 1	-0.75
Il17rd	Interleukin 17 receptor D	-0.75
Ube112	Ubiquitin-activating enzyme E1-like 2	-0.75
Kctd12b	Potassium channel tetramerisation domain containing 12b	-0.75
	Transcribed locus, weakly similar to XP_001108910.1 similar to vasoactive intestinal peptide receptor 1 [Macaca mulatta]	-0.75
Prlr	Prolactin receptor	-0.75
Tmc3	Transmembrane channel-like gene family 3	-0.75
Mif4gd	MIF4G domain containing	-0.75
Bche	Butyrylcholinesterase	-0.75
Tmem8	Transmembrane protein 8 (five membrane-spanning domains)	-0.76
Mrm1	Mitochondrial rRNA methyltransferase 1 homolog (<i>S. cerevisiae</i>)	-0.76
Olfml1	Olfactomedin-like 1	-0.76
Acss1	Acyl-CoA synthetase short-chain family member 1	-0.76
Zfp566	Zinc finger protein 566	-0.76
Capn10	Calpain 10	-0.76
Gad2	Glutamic acid decarboxylase 2	-0.76
Pftk1	PFTAIRE protein kinase 1	-0.76
Prps2	Phosphoribosyl pyrophosphate synthetase 2	-0.76
Wnk4	WNK lysine deficient protein kinase 4	-0.76
C1ql1	Complement component 1, q subcomponent-like 1	-0.76
Oxr1	Oxidation resistance 1	-0.76
Mtap4	Microtubule-associated protein 4	-0.76
Alk	Anaplastic lymphoma kinase	-0.76
Itfg3	Integrin alpha FG-GAP repeat containing 3	-0.76
LOC244958	Similar to Chromosome 6 open reading frame 117	-0.76
Galk1	Galactokinase 1	-0.76

Lin9	Lin-9 homolog (<i>C. elegans</i>)	-0.77
Cat	Catalase	-0.77
Ranbp6	RAN binding protein 6	-0.77
Bcl2	B-cell leukemia/lymphoma 2	-0.77
Ppp1r3c	Protein phosphatase 1, regulatory (inhibitor) subunit 3C	-0.77
Zfp219	Zinc finger protein 219	-0.77
Prrx1	Paired related homeobox 1	-0.77
	Transcribed locus, moderately similar to XP_001106618.1 similar to NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 11, mitochondrial precursor (NADH-ubiquinone oxidoreductase ESSS subunit) (Complex I-ESSS) (CI-ESSS) (Neuronal protein 17.3) (p17	-0.77
Cnksr3	Cnksr family member 3	-0.77
Fads2	Fatty acid desaturase 2	-0.77
Plekhq1	Pleckstrin homology domain containing, family Q member 1	-0.77
Tnfrsf1a	Tumor necrosis factor receptor superfamily, member 1a	-0.77
Cmtm3	CKLF-like MARVEL transmembrane domain containing 3	-0.77
Clic4	Chloride intracellular channel 4 (mitochondrial)	-0.78
	Transcribed locus, moderately similar to XP_001102188.1 similar to peroxiredoxin 1 isoform 2 [<i>Macaca mulatta</i>]	-0.78
Mynn	Myoneurin	-0.78
Phkg1	Phosphorylase kinase gamma 1	-0.78
Relt	RELT tumor necrosis factor receptor	-0.78
Nfe2l2	Nuclear factor, erythroid derived 2, like 2	-0.78
Cyp4v3	Cytochrome P450, family 4, subfamily v, polypeptide 3	-0.78
Crtc3	CREB regulated transcription coactivator 3	-0.78
Kcnj9	Potassium inwardly-rectifying channel, subfamily J, member 9	-0.78
Zfp760	Zinc finger protein 760	-0.78
Mtap	Methylthioadenosine phosphorylase	-0.78

Parvb	Parvin, beta	-0.79
Fndc4	Fibronectin type III domain containing 4	-0.79
Ammecr1	Alport syndrome, mental retardation, midface hypoplasia and elliptocytosis chromosomal region gene 1 homolog (human)	-0.79
Chac1	ChaC, cation transport regulator-like 1 (E. coli)	-0.79
Eif5a2	Eukaryotic translation initiation factor 5A2	-0.79
Piga	Phosphatidylinositol glycan anchor biosynthesis, class A	-0.79
Efcab2	EF-hand calcium binding domain 2	-0.79
Slc25a24	Solute carrier family 25 (mitochondrial carrier, phosphate carrier), member 24	-0.79
Txlnb	Taxilin beta	-0.79
Abca1	ATP-binding cassette, sub-family A (ABC1), member 1	-0.79
Npas3	Neuronal PAS domain protein 3	-0.79
Xylt2	Xylosyltransferase II	-0.79
Antxr1	Anthrax toxin receptor 1	-0.79
Cntfr	Ciliary neurotrophic factor receptor	-0.79
Cdh19	Cadherin 19, type 2	-0.80
Cuedc1	CUE domain containing 1	-0.80
Unc5b	Unc-5 homolog B (C. elegans)	-0.80
Rgma	RGM domain family, member A	-0.80
Ublcp1	Ubiquitin-like domain containing CTD phosphatase 1	-0.80
Rac3	RAS-related C3 botulinum substrate 3	-0.80
Abcd1	ATP-binding cassette, sub-family D (ALD), member 1	-0.80
Mpnd	MPN domain containing	-0.80
Sema6a	Sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6A	-0.80
Mxra8	Matrix-remodelling associated 8	-0.80
Slc37a2	Solute carrier family 37 (glycerol-3-phosphate transporter), member 2	-0.81
D4Ert22e	DNA segment, Chr 4, ERATO Doi 22, expressed	-0.81

Pmvk	Phosphomevalonate kinase	-0.81
Tmem47	Transmembrane protein 47	-0.81
Lyar	Ly1 antibody reactive clone	-0.81
Sox9	SRY-box containing gene 9	-0.81
Lrrc50	Leucine rich repeat containing 50	-0.81
Mtmr10	Myotubularin related protein 10	-0.81
Fbln5	Fibulin 5	-0.81
Pcdhb8	Protocadherin beta 8	-0.81
Dock5	Dedicator of cytokinesis 5	-0.81
	Transcribed locus, weakly similar to XP_001111351.1 similar to glutamate receptor 7 precursor isoform 2 [Macaca mulatta]	-0.81
Nkx2-2	NK2 transcription factor related, locus 2 (Drosophila)	-0.81
Tmem80	Transmembrane protein 80	-0.81
Gpld1	Glycosylphosphatidylinositol specific phospholipase D1	-0.81
AF529169	CDNA sequence AF529169	-0.81
Lass2	Longevity assurance homolog 2 (S. cerevisiae)	-0.81
T2bp	Traf2 binding protein	-0.81
Zfp51	Zinc finger protein 51	-0.81
Adamts1	ADAMTS-like 1	-0.81
Klhl11	Kelch-like 11 (Drosophila)	-0.82
Ifrg15	Interferon alpha responsive gene	-0.82
Rffl	Ring finger and FYVE like domain containing protein	-0.82
Pea15a	Phosphoprotein enriched in astrocytes 15A	-0.82
Ifit2	Interferon-induced protein with tetratricopeptide repeats 2	-0.82
Evc	Ellis van Creveld gene homolog (human)	-0.82
Ntsr2	Neurotensin receptor 2	-0.82
Oxsr1	Oxidative-stress responsive 1	-0.82
Cd9	CD9 antigen	-0.82
Casz1	Castor homolog 1, zinc finger (Drosophila)	-0.82
Rnf13	Ring finger protein 13	-0.82

Map3k1	Mitogen activated protein kinase kinase kinase 1	-0.82
Hr	Hairless	-0.82
Nek11	NIMA (never in mitosis gene a)-related expressed kinase 11	-0.83
March8	Membrane-associated ring finger (C3HC4) 8	-0.83
Twistnb	TWIST neighbor	-0.83
Lhfp13	Lipoma HMGIC fusion partner-like 3	-0.83
Ubx4	UBX domain containing 4	-0.83
	Transcribed locus, strongly similar to NP_001074866.1 heavy chain	
	Myr 8 [Mus musculus]	-0.83
Tacr3	Tachykinin receptor 3	-0.83
Gm266	Gene model 266, (NCBI)	-0.83
Dpyd	Dihydropyrimidine dehydrogenase	-0.83
Btbd3	BTB (POZ) domain containing 3	-0.83
Samd14	Sterile alpha motif domain containing 14	-0.83
Cntn6	Contactin 6	-0.83
Dip2a	DIP2 disco-interacting protein 2 homolog A (Drosophila)	-0.83
G6pc3	Glucose 6 phosphatase, catalytic, 3	-0.83
Phyh	Phytanoyl-CoA hydroxylase	-0.84
Ehd4	EH-domain containing 4	-0.84
Slc24a3	Solute carrier family 24 (sodium/potassium/calcium exchanger), member 3	-0.84
Tgfb2	Transforming growth factor, beta 2	-0.84
Rftn1	Raftlin lipid raft linker 1	-0.84
Cln5	Ceroid-lipofuscinosis, neuronal 5	-0.84
Slc12a2	Solute carrier family 12, member 2	-0.84
F11r	F11 receptor	-0.84
Lrrc8a	Leucine rich repeat containing 8A	-0.84
Cyp2j9	Cytochrome P450, family 2, subfamily j, polypeptide 9	-0.84
Nfatc3	Nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 3	-0.84
Cth	Cystathionase (cystathionine gamma-lyase)	-0.84

BC066107	CDNA sequence BC066107	-0.84
Sqrdl	Sulfide quinone reductase-like (yeast)	-0.84
Scpep1	Serine carboxypeptidase 1	-0.84
Heatr5a	HEAT repeat containing 5A	-0.84
Sacm11	SAC1 (suppressor of actin mutations 1, homolog)-like (<i>S. cerevisiae</i>)	-0.84
Ldlrap1	Low density lipoprotein receptor adaptor protein 1	-0.84
	Transcribed locus, moderately similar to XP_001096448.1 similar to F16A11.1 [<i>Macaca mulatta</i>]	-0.84
Micall1	Microtubule associated monooxygenase, calponin and LIM domain containing -like 1	-0.84
Whdc1	WAS protein homology region 2 domain containing 1	-0.85
Fhl1	Four and a half LIM domains 1	-0.85
Gpr64	G protein-coupled receptor 64	-0.85
	Transcribed locus, moderately similar to XP_001059875.1 similar to early B-cell factor 4 [<i>Rattus norvegicus</i>]	-0.85
Egfl6	EGF-like-domain, multiple 6	-0.85
Gje1	Gap junction membrane channel protein epsilon 1	-0.85
	Transcribed locus, moderately similar to XP_001104482.1 apolipoprotein E [<i>Macaca mulatta</i>]	-0.85
Tep1	Telomerase associated protein 1	-0.85
Lhx8	LIM homeobox protein 8	-0.85
Sorbs3	Sorbin and SH3 domain containing 3	-0.85
Usp40	Ubiquitin specific peptidase 40	-0.85
Disp2	Dispatched homolog 2 (<i>Drosophila</i>)	-0.85
Man2b2	Mannosidase 2, alpha B2	-0.85
Slc5a6	Solute carrier family 5 (sodium-dependent vitamin transporter), member 6	-0.86
Pnpo	Pyridoxine 5'-phosphate oxidase	-0.86
Tgfb3	Transforming growth factor, beta 3	-0.86

Galnt6	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 6	-0.86
Spr	Sepiapterin reductase	-0.86
Myh14	Myosin, heavy polypeptide 14	-0.86
AA960436	Expressed sequence AA960436	-0.86
Fancm	Fanconi anemia, complementation group M	-0.86
Gins4	GINS complex subunit 4 (Sld5 homolog)	-0.86
Lats2	Large tumor suppressor 2	-0.86
	Transcribed locus, strongly similar to XP_001104838.1 electron transfer flavoprotein, alpha polypeptide isoform 2 [Macaca mulatta]	-0.86
Plcl1	Phospholipase C-like 1	-0.86
Ripk1	Receptor (TNFRSF)-interacting serine-threonine kinase 1	-0.86
Tbc1d4	TBC1 domain family, member 4	-0.86
Prmt2	Protein arginine N-methyltransferase 2	-0.87
Flt4	FMS-like tyrosine kinase 4	-0.87
Tpm2	Tropomyosin 2, beta	-0.87
Lca5	Leber congenital amaurosis 5 (human)	-0.87
Ctps2	Cytidine 5'-triphosphate synthase 2	-0.87
Lonrf3	LON peptidase N-terminal domain and ring finger 3	-0.87
Nup50	Nucleoporin 50	-0.87
D16Ert472e	DNA segment, Chr 16, ERATO Doi 472, expressed	-0.87
Necap2	NECAP endocytosis associated 2	-0.87
Taf13	TAF13 RNA polymerase II, TATA box binding protein (TBP)-associated factor	-0.87
Ache	Acetylcholinesterase	-0.87
Osbpl5	Oxysterol binding protein-like 5	-0.87
Nudt1	Nudix (nucleoside diphosphate linked moiety X)-type motif 1	-0.88
Gas6	Growth arrest specific 6	-0.88
Nod1	Nucleotide-binding oligomerization domain containing 1	-0.88

March11	Membrane-associated ring finger (C3HC4) 11	-0.88
	Transcribed locus, strongly similar to NP_037067.1 alpha B [Rattus norvegicus]	-0.88
	Transcribed locus, moderately similar to XP_001075241.1 similar to Phosphatidylinositol-4-phosphate 3-kinase C2 domain-containing alpha polypeptide (Phosphoinositide 3-Kinase-C2-alpha) (PtdIns-3-kinase C2 alpha) (PI3K-C2alpha) (Cpk-m) (p170) [Rattus norv	-0.88
Timp2	Tissue inhibitor of metalloproteinase 2	-0.88
Tspan2	Tetraspanin 2	-0.88
Ttc21b	Tetratricopeptide repeat domain 21B	-0.88
Cdh20	Cadherin 20	-0.88
Triobp	TRIO and F-actin binding protein	-0.88
Sipa112	Signal-induced proliferation-associated 1 like 2	-0.88
Gltf	Glycolipid transfer protein	-0.88
Trdmt1	TRNA aspartic acid methyltransferase 1	-0.88
Mecr	Mitochondrial trans-2-enoyl-CoA reductase	-0.89
Il33	Interleukin 33	-0.89
Kcnn2	Potassium intermediate/small conductance calcium-activated channel, subfamily N, member 2	-0.89
Podxl2	Podocalyxin-like 2	-0.89
Gpr4	G protein-coupled receptor 4	-0.89
Mipol1	Mirror-image polydactyly gene 1 homolog (human)	-0.89
Ccdc82	Coiled-coil domain containing 82	-0.89
Acadvl	Acyl-Coenzyme A dehydrogenase, very long chain	-0.89
Sgsh	N-sulfoglucosamine sulfohydrolase (sulfamidase)	-0.89
Tmem38b	Transmembrane protein 38B	-0.89
Rnh1	Ribonuclease/angiogenin inhibitor 1	-0.89
Tmem63a	Transmembrane protein 63a	-0.89

Hdx	Highly divergent homeobox	-0.89
Tox3	TOX high mobility group box family member 3	-0.89
Pycl1	Pyrroline-5-carboxylate reductase-like	-0.89
Pcsk6	Proprotein convertase subtilisin/kexin type 6	-0.89
	Transcribed locus, moderately similar to XP_221404.4 similar to Poly [ADP-ribose] polymerase 9 (B aggressive lymphoma protein homolog) [Rattus norvegicus]	-0.89
Abhd5	Abhydrolase domain containing 5	-0.90
Endod1	Endonuclease domain containing 1	-0.90
Igfbp5	Insulin-like growth factor binding protein 5	-0.90
Fv1	Friend virus susceptibility 1	-0.90
Lrrc2	Leucine rich repeat containing 2	-0.90
Zc3hav1	Zinc finger CCCH type, antiviral 1	-0.90
Hspb6	Heat shock protein, alpha-crystallin-related, B6	-0.90
Odz1	Odd Oz/ten-m homolog 1 (Drosophila)	-0.90
Cgref1	Cell growth regulator with EF hand domain 1	-0.91
Otud7b	OTU domain containing 7B	-0.91
Nat1	N-acetyltransferase 1 (arylamine N-acetyltransferase)	-0.91
Ccdc134	Coiled-coil domain containing 134	-0.91
Lzts2	Leucine zipper, putative tumor suppressor 2	-0.91
Muted	Muted	-0.91
Olig1	Oligodendrocyte transcription factor 1	-0.91
Uck11	Uridine-cytidine kinase 1-like 1	-0.91
Lifr	Leukemia inhibitory factor receptor	-0.91
Cyp27a1	Cytochrome P450, family 27, subfamily a, polypeptide 1	-0.91
Hdac1	Histone deacetylase 1	-0.92
Fahd2a	Fumarylacetoacetate hydrolase domain containing 2A	-0.92
Zfp719	Zinc finger protein 719	-0.92
Tubb3	Tubulin, beta 3	-0.92

Sept10	Septin 10	-0.92
Sgk2	Serum/glucocorticoid regulated kinase 2	-0.92
Calcr1	Calcitonin receptor-like	-0.92
Padi2	Peptidyl arginine deiminase, type II	-0.92
Mrgpre	MAS-related GPR, member E	-0.92
Camk2d	Calcium/calmodulin-dependent protein kinase II, delta	-0.92
Prr13	Proline rich 13	-0.92
Dusp16	Dual specificity phosphatase 16	-0.93
Bok	Bcl-2-related ovarian killer protein	-0.93
Rhog	Ras homolog gene family, member G	-0.93
Lcat	Lecithin cholesterol acyltransferase	-0.93
Wbp1	WW domain binding protein 1	-0.93
Gjb6	Gap junction protein, beta 6	-0.93
Dlx2	Distal-less homeobox 2	-0.93
Pnma3	Paraneoplastic antigen MA3	-0.93
Rapgef3	Rap guanine nucleotide exchange factor (GEF) 3	-0.94
Camk2n2	Calcium/calmodulin-dependent protein kinase II inhibitor 2	-0.94
Nhs1l	NHS-like 1	-0.94
D1Ert471e	DNA segment, Chr 1, ERATO Doi 471, expressed	-0.94
Paip2	Polyadenylate-binding protein-interacting protein 2	-0.94
Wdr6	WD repeat domain 6	-0.94
Rreb1	Ras responsive element binding protein 1	-0.94
Serpinh1	Serine (or cysteine) peptidase inhibitor, clade H, member 1	-0.94
Cdc42ep4	CDC42 effector protein (Rho GTPase binding) 4	-0.94
Exosc3	Exosome component 3	-0.94
Ocln	Occludin	-0.94
Fhit	Fragile histidine triad gene	-0.95
Tox2	TOX high mobility group box family member 2	-0.95
Plec1	Plectin 1	-0.95
Ttl5	Tubulin tyrosine ligase-like family, member 5	-0.95

Atf7	Activating transcription factor 7	-0.95
Gnpnat1	Glucosamine-phosphate N-acetyltransferase 1	-0.95
Abhd3	Abhydrolase domain containing 3	-0.95
Mlc1	Megalencephalic leukoencephalopathy with subcortical cysts 1 homolog (human)	-0.95
Sparcl1	SPARC-like 1 (mast9, hevin)	-0.95
Ammecr11	AMME chromosomal region gene 1-like	-0.95
Krcc1	Lysine-rich coiled-coil 1	-0.95
Traf4	Tnf receptor associated factor 4	-0.95
Trip10	Thyroid hormone receptor interactor 10	-0.95
Trim25	Tripartite motif protein 25	-0.96
Emb	Embigin	-0.96
Myo1d	Myosin ID	-0.96
Panx2	Pannexin 2	-0.96
Traf3ip2	Traf3 interacting protein 2	-0.96
ErbB3	V-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian)	-0.96
Bag3	Bcl2-associated athanogene 3	-0.96
Zfp608	Zinc finger protein 608	-0.96
Adi1	Acireductone dioxygenase 1	-0.96
SyngR2	Synaptogyrin 2	-0.96
Gem	GTP binding protein (gene overexpressed in skeletal muscle)	-0.96
Slc40a1	Solute carrier family 40 (iron-regulated transporter), member 1	-0.96
Ckap4	Cytoskeleton-associated protein 4	-0.96
	Transcribed locus, moderately similar to XP_001114960.1 similar to UPF0315 protein AD-001 [Macaca mulatta]	-0.97
Stk32b	Serine/threonine kinase 32B	-0.97
St3gal4	ST3 beta-galactoside alpha-2,3-sialyltransferase 4	-0.97
	11 days embryo head cDNA, RIKEN full-length enriched library, clone:6230413C19 product:unclassifiable, full insert sequence	-0.97

Pvrl4	Poliovirus receptor-related 4	-0.97
Snrk	SNF related kinase	-0.97
Sfmbt2	Scm-like with four mbt domains 2	-0.97
Dner	Delta/notch-like EGF-related receptor	-0.97
Gad1	Glutamic acid decarboxylase 1	-0.97
Fbxl21	F-box and leucine-rich repeat protein 21	-0.97
Il1rap	Interleukin 1 receptor accessory protein	-0.98
Mmp14	Matrix metalloproteinase 14 (membrane-inserted)	-0.98
Efs	Embryonal Fyn-associated substrate	-0.98
Sgms2	Sphingomyelin synthase 2	-0.98
Tmem163	Transmembrane protein 163	-0.98
Nkx6-2	NK6 transcription factor related, locus 2 (Drosophila)	-0.98
Pld1	Phospholipase D1	-0.98
Echdc2	Enoyl Coenzyme A hydratase domain containing 2	-0.99
Chchd8	Coiled-coil-helix-coiled-coil-helix domain containing 8	-0.99
Eml3	Echinoderm microtubule associated protein like 3	-0.99
Pltp	Phospholipid transfer protein	-0.99
Lhfp12	Lipoma HMGIC fusion partner-like 2	-0.99
Hapln4	Hyaluronan and proteoglycan link protein 4	-0.99
Itga7	Integrin alpha 7	-0.99
Tprkb	Tp53 binding protein	-0.99
Ky	Kyphoscoliosis peptidase	-0.99
Usp6nl	USP6 N-terminal like	-0.99
Tsku	Tsukushin	-0.99
Fah	Fumarylacetoacetate hydrolase	-1.00
C1qtnf5	C1q and tumor necrosis factor related protein 5	-1.00
M6prbp1	Mannose-6-phosphate receptor binding protein 1	-1.00
BC022623	CDNA sequence BC022623	-1.00
Ssbp1	Single-stranded DNA binding protein 1	-1.00
Id3	Inhibitor of DNA binding 3	-1.00

Fbxo39	F-box protein 39	-1.00
Arid5a	AT rich interactive domain 5A (Mrf1 like)	-1.00
Timp4	Tissue inhibitor of metalloproteinase 4	-1.00
Gm962	Gene model 962, (NCBI)	-1.01
Smox	Spermine oxidase	-1.01
Zfp595	Zin finger protein 595	-1.01
Rassf8	Ras association (RalGDS/AF-6) domain family 8	-1.01
Car9	Carbonic anhydrase 9	-1.01
Trappc6a	Trafficking protein particle complex 6A	-1.01
Nudt7	Nudix (nucleoside diphosphate linked moiety X)-type motif 7	-1.01
St3gal6	ST3 beta-galactoside alpha-2,3-sialyltransferase 6	-1.01
Kif1c	Kinesin family member 1C	-1.01
Ndrp2	N-myc downstream regulated gene 2	-1.01
Zswim3	Zinc finger, SWIM domain containing 3	-1.01
Gale	Galactose-4-epimerase, UDP	-1.02
Psd2	Pleckstrin and Sec7 domain containing 2	-1.02
Megf11	Multiple EGF-like-domains 11	-1.02
Rfx2	Regulatory factor X, 2 (influences HLA class II expression)	-1.02
Akna	AT-hook transcription factor	-1.02
Dock2	Dedicator of cyto-kinesis 2	-1.02
Ppargc1a	Peroxisome proliferative activated receptor, gamma, coactivator 1 alpha	-1.02
Acot7	Acyl-CoA thioesterase 7	-1.02
Rnf144b	Ring finger protein 144B	-1.02
Arl4c	ADP-ribosylation factor-like 4C	-1.03
Mal	Myelin and lymphocyte protein, T-cell differentiation protein	-1.03
Csrp1	Cysteine and glycine-rich protein 1	-1.03
Arhgap28	Rho GTPase activating protein 28	-1.03
Edg8	Endothelial differentiation, sphingolipid G-protein-coupled receptor, 8	-1.03
Rnf182	Ring finger protein 182	-1.03
	Transcribed locus, moderately similar to NP_956426.2 channel,	-1.03

	voltage-gated, type I, alpha [Danio rerio]	
Zfp488	Zinc finger protein 488	-1.03
Gpr98	G protein-coupled receptor 98	-1.03
Foxn3	Forkhead box N3	-1.03
Slc39a8	Solute carrier family 39 (metal ion transporter), member 8	-1.03
Sntb1	Syntrophin, basic 1	-1.04
Rps6ka1	Ribosomal protein S6 kinase polypeptide 1	-1.04
Aurka	Aurora kinase A	-1.04
Cldn14	Claudin 14	-1.04
Kcnc4	Potassium voltage gated channel, Shaw-related subfamily, member 4	-1.04
Trabd	TraB domain containing	-1.04
Mab2112	Mab-21-like 2 (C. elegans)	-1.05
Itga3	Integrin alpha 3	-1.05
Scn9a	Sodium channel, voltage-gated, type IX, alpha	-1.05
Pgpep1	Pyroglutamyl-peptidase I	-1.05
Rest	RE1-silencing transcription factor	-1.05
Tgfbr2	Transforming growth factor, beta receptor II	-1.05
Als2cl	ALS2 C-terminal like	-1.05
Vegfa	Vascular endothelial growth factor A	-1.05
Aph1a	Anterior pharynx defective 1a homolog (C. elegans)	-1.05
Abhd4	Abhydrolase domain containing 4	-1.06
	Transcribed locus, weakly similar to XP_001092629.1 similar to chromogranin A precursor [Macaca mulatta]	-1.06
Xrcc2	X-ray repair complementing defective repair in Chinese hamster cells 2	-1.06
Gal3st1	Galactose-3-O-sulfotransferase 1	-1.06
Tirap	Toll-interleukin 1 receptor (TIR) domain-containing adaptor protein	-1.06
Gpr103	G protein-coupled receptor 103	-1.06
Steap1	Six transmembrane epithelial antigen of the prostate 1	-1.06
Cmb1	Carboxymethylenebutenolidase-like (Pseudomonas)	-1.07

Hcn3	Hyperpolarization-activated, cyclic nucleotide-gated K+ 3	-1.07
Csk	C-src tyrosine kinase	-1.07
Rhobtb3	Rho-related BTB domain containing 3	-1.07
Cdc25a	Cell division cycle 25 homolog A (<i>S. pombe</i>)	-1.07
Tmbim1	Transmembrane BAX inhibitor motif containing 1	-1.07
Qdpr	Quinoid dihydropteridine reductase	-1.07
Sepp1	Selenoprotein P, plasma, 1	-1.07
Tdrd3	Tudor domain containing 3	-1.07
Slc4a2	Solute carrier family 4 (anion exchanger), member 2	-1.07
Zcchc16	Zinc finger, CCHC domain containing 16	-1.07
Slc10a7	Solute carrier family 10 (sodium/bile acid cotransporter family), member 7	-1.07
Comtd1	Catechol-O-methyltransferase domain containing 1	-1.07
Thnsl2	Threonine synthase-like 2 (bacterial)	-1.07
Pnp	Purine-nucleoside phosphorylase	-1.08
Sdsl	Serine dehydratase-like	-1.08
	Transcribed locus, moderately similar to XP_001068349.1 similar to Nucleoporin Nup43 [<i>Rattus norvegicus</i>]	-1.08
Pacsin2	Protein kinase C and casein kinase substrate in neurons 2	-1.08
	Transcribed locus, weakly similar to XP_001111245.1 CD63 molecule isoform 2 [<i>Macaca mulatta</i>]	-1.08
Anln	Anillin, actin binding protein (scraps homolog, <i>Drosophila</i>)	-1.08
Fgfr1op	Fgfr1 oncogene partner	-1.08
Tspan4	Tetraspanin 4	-1.08
Nsun7	NOL1/NOP2/Sun domain family, member 7	-1.08
Ghdc	GH3 domain containing	-1.08
Coro6	Coronin, actin binding protein 6	-1.08
Spag5	Sperm associated antigen 5	-1.08
Tmc6	Transmembrane channel-like gene family 6	-1.08

Fgf1	Fibroblast growth factor 1	-1.08
Flvcr1	Feline leukemia virus subgroup C cellular receptor 1	-1.08
Anub11	AN1, ubiquitin-like, homolog (<i>Xenopus laevis</i>)	-1.08
Mcam	Melanoma cell adhesion molecule	-1.09
Phldb1	Pleckstrin homology-like domain, family B, member 1	-1.09
Zfp677	Zinc finger protein 677	-1.09
Tgm4	Transglutaminase 4 (prostate)	-1.09
Foxo4	Forkhead box O4	-1.09
Hadhb	Hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzyme A hydratase (trifunctional protein), beta subunit	-1.09
Frs3	Fibroblast growth factor receptor substrate 3	-1.09
Rnf122	Ring finger protein 122	-1.09
Tpk1	Thiamine pyrophosphokinase	-1.09
Gins3	GINS complex subunit 3 (Psf3 homolog)	-1.09
Ugt8a	UDP galactosyltransferase 8A	-1.09
Hhat1	Hedgehog acyltransferase-like	-1.09
Pcdhb4	Protocadherin beta 4	-1.10
Dhfr	Dihydrofolate reductase	-1.10
Rsrc1	Arginine/serine-rich coiled-coil 1	-1.10
Nkain1	Na ⁺ /K ⁺ transporting ATPase interacting 1	-1.10
Tmem10	Transmembrane protein 10	-1.10
Itga4	Integrin alpha 4	-1.10
Slc1a6	Solute carrier family 1 (high affinity aspartate/glutamate transporter), member 6	-1.10
Anks1	Ankyrin repeat and SAM domain containing 1	-1.10
Scd1	Stearoyl-Coenzyme A desaturase 1	-1.10
Scd3	Stearoyl-coenzyme A desaturase 3	-1.11
Stxbp3b	Syntaxin-binding protein 3B	-1.11
Ebf2	Early B-cell factor 2	-1.11

Diras1	DIRAS family, GTP-binding RAS-like 1	-1.11
Zbtb7b	Zinc finger and BTB domain containing 7B	-1.11
Ctnnbip1	Catenin beta interacting protein 1	-1.11
Cygb	Cytoglobin	-1.11
Ednrb	Endothelin receptor type B	-1.11
Dab2	Disabled homolog 2 (Drosophila)	-1.12
Zfp804a	Zinc finger protein 804A	-1.12
Prkd2	Protein kinase D2	-1.12
Fem1c	Fem-1 homolog c (C.elegans)	-1.12
Zfp36l2	Zinc finger protein 36, C3H type-like 2	-1.12
Kcns3	Potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3	-1.13
Dbndd1	Dysbindin (dystrobrevin binding protein 1) domain containing 1	-1.13
Aqp4	Aquaporin 4	-1.13
Grip2	Glutamate receptor interacting protein 2	-1.13
Tnfaip6	Tumor necrosis factor alpha induced protein 6	-1.13
Elovl7	ELOVL family member 7, elongation of long chain fatty acids (yeast)	-1.13
Gprc5b	G protein-coupled receptor, family C, group 5, member B	-1.13
Btbd14a	BTB (POZ) domain containing 14A	-1.13
Tulp3	Tubby-like protein 3	-1.13
Cldn11	Claudin 11	-1.13
Txnrd3	Thioredoxin reductase 3	-1.13
Irf3	Interferon regulatory factor 3	-1.14
Rilp	Rab interacting lysosomal protein	-1.14
Itgb4	Integrin beta 4	-1.14
Gpr153	G protein-coupled receptor 153	-1.14
Trp53i13	Transformation related protein 53 inducible protein 13	-1.14
Zfp300	Zinc finger protein 300	-1.14
Zfp36l1	Zinc finger protein 36, C3H type-like 1	-1.14
Bambi	BMP and activin membrane-bound inhibitor, homolog (Xenopus laevis)	-1.14

Cited2	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2	-1.15
Cables2	Cdk5 and Abl enzyme substrate 2	-1.15
Efemp2	Epidermal growth factor-containing fibulin-like extracellular matrix protein 2	-1.15
Chml	Choroideremia-like	-1.15
Cwf19l2	CWF19-like 2, cell cycle control (<i>S. pombe</i>)	-1.15
Cnp	2',3'-cyclic nucleotide 3' phosphodiesterase	-1.15
Myo1f	Myosin IF	-1.15
Ccdc108	Coiled-coil domain containing 108	-1.15
Slc25a18	Solute carrier family 25 (mitochondrial carrier), member 18	-1.15
Emid2	EMI domain containing 2	-1.16
Ttyh2	Tweety homolog 2 (<i>Drosophila</i>)	-1.16
Intu	Inturned planar cell polarity effector homolog (<i>Drosophila</i>)	-1.16
MacroD1	MACRO domain containing 1	-1.16
Plce1	Phospholipase C, epsilon 1	-1.16
Efcab1	EF hand calcium binding domain 1	-1.16
Ptprd	Protein tyrosine phosphatase, receptor type, D	-1.16
Amn	Amnionless	-1.16
S100b	S100 protein, beta polypeptide, neural	-1.16
Nkx2-1	NK2 homeobox 1	-1.16
Rhbdf2	Rhomboid 5 homolog 2 (<i>Drosophila</i>)	-1.16
LOC100041985	Similar to Capping protein (actin filament) muscle Z-line, alpha 1	-1.16
Elavl4	ELAV (embryonic lethal, abnormal vision, <i>Drosophila</i>)-like 4 (Hu antigen D)	-1.16
	Transcribed locus, moderately similar to XP_001086547.1	
	mitochondrial trifunctional protein, beta subunit [<i>Macaca mulatta</i>]	-1.16
Prkcd	Protein kinase C, delta	-1.17
Pvr12	Poliovirus receptor-related 2	-1.17

Pcolce2	Procollagen C-endopeptidase enhancer 2	-1.17
Zdhhc22	Zinc finger, DHHC-type containing 22	-1.17
Sgol2	Shugoshin-like 2 (S. pombe)	-1.17
Srebf1	Sterol regulatory element binding factor 1	-1.17
Cd274	CD274 antigen	-1.17
Apod	Apolipoprotein D	-1.17
Pigh	Phosphatidylinositol glycan anchor biosynthesis, class H	-1.18
Abca7	ATP-binding cassette, sub-family A (ABC1), member 7	-1.18
Kif19a	Kinesin family member 19A	-1.18
Adssl1	Adenylosuccinate synthetase like 1	-1.18
BC067074	CDNA sequence BC067074	-1.18
Gprc5c	G protein-coupled receptor, family C, group 5, member C	-1.18
Igsf3	Immunoglobulin superfamily, member 3	-1.18
Epb4.114a	Erythrocyte protein band 4.1-like 4a	-1.18
Olfir1344	Olfactory receptor 1344	-1.18
Smo	Smoothened homolog (Drosophila)	-1.18
Edg7	Endothelial differentiation, lysophosphatidic acid G-protein-coupled receptor 7	-1.19
Tmem98	Transmembrane protein 98	-1.19
Phca	Phytoceramidase, alkaline	-1.19
Defb42	Defensin beta 42	-1.19
Trim21	Tripartite motif protein 21	-1.19
Hspa12b	Heat shock protein 12B	-1.19
Cacna1g	Calcium channel, voltage-dependent, T type, alpha 1G subunit	-1.19
Klhl4	Kelch-like 4 (Drosophila)	-1.20
Sertad3	SERTA domain containing 3	-1.20
Mmp15	Matrix metalloproteinase 15	-1.20
Anxa5	Annexin A5	-1.20
Atp10a	ATPase, class V, type 10A	-1.20
St8sia1	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1	-1.20

Ankrd38	Ankyrin repeat domain 38	-1.20
Ucp2	Uncoupling protein 2 (mitochondrial, proton carrier)	-1.21
Thoc6	THO complex 6 homolog (Drosophila)	-1.21
Fgd3	FYVE, RhoGEF and PH domain containing 3	-1.21
Iqcd	IQ motif containing D	-1.21
Rims3	Regulating synaptic membrane exocytosis 3	-1.21
Taf7	TAF7 RNA polymerase II, TATA box binding protein (TBP)-associated factor	-1.21
Prokr2	Prokineticin receptor 2	-1.21
Ccdc65	Coiled-coil domain containing 65	-1.21
Sfrs17b	Splicing factor, arginine/serine-rich 17b	-1.21
Morn2	MORN repeat containing 2	-1.22
Kcnj10	Potassium inwardly-rectifying channel, subfamily J, member 10	-1.22
Syde1	Synapse defective 1, Rho GTPase, homolog 1 (C. elegans)	-1.22
Pib5pa	Phosphatidylinositol (4,5) bisphosphate 5-phosphatase, A	-1.22
Resp18	Regulated endocrine-specific protein 18	-1.22
Blm	Bloom syndrome homolog (human)	-1.22
Unc119	Unc-119 homolog (C. elegans)	-1.22
Lgi2	Leucine-rich repeat LGI family, member 2	-1.22
Nkd1	Naked cuticle 1 homolog (Drosophila)	-1.22
Dapk2	Death-associated kinase 2	-1.22
Card14	Caspase recruitment domain family, member 14	-1.23
Whrn	Whirlin	-1.23
Prkcq	Protein kinase C, theta	-1.23
Fer113	Fer-1-like 3, myoferlin (C. elegans)	-1.23
Ddefl1	Development and differentiation enhancing factor-like 1	-1.23
Spag6	Sperm associated antigen 6	-1.23
Fbx18	F-box and leucine-rich repeat protein 8	-1.23
Fzd1	Frizzled homolog 1 (Drosophila)	-1.23
Phactr2	Phosphatase and actin regulator 2	-1.23

Arsg	Arylsulfatase G	-1.24
Mcf2	Mcf.2 transforming sequence	-1.24
Efhd1	EF hand domain containing 1	-1.24
Mobk12c	MOB1, Mps One Binder kinase activator-like 2C (yeast)	-1.24
Mtss1	Metastasis suppressor 1	-1.24
Zfp395	Zinc finger protein 395	-1.24
Lrig1	Leucine-rich repeats and immunoglobulin-like domains 1	-1.24
Arhgef10	Rho guanine nucleotide exchange factor (GEF) 10	-1.25
Oplah	5-oxoprolinase (ATP-hydrolysing)	-1.25
Casp3	Caspase 3	-1.25
Acrbp	Proacrosin binding protein	-1.25
Pard3b	Par-3 partitioning defective 3 homolog B (<i>C. elegans</i>)	-1.25
Tuft1	Tuftelin 1	-1.25
Slc5a5	Solute carrier family 5 (sodium iodide symporter), member 5	-1.25
Cit	Citron	-1.25
Optn	Optineurin	-1.25
Frmf5	FERM domain containing 5	-1.25
Trpv4	Transient receptor potential cation channel, subfamily V, member 4	-1.26
Eps8	Epidermal growth factor receptor pathway substrate 8	-1.26
Rnf43	Ring finger protein 43	-1.26
Dpysl3	Dihydropyrimidinase-like 3	-1.26
Elavl2	ELAV (embryonic lethal, abnormal vision, <i>Drosophila</i>)-like 2 (Hu antigen B)	-1.26
Adora2b	Adenosine A2b receptor	-1.26
Ysk4	Yeast Sps1/Ste20-related kinase 4 (<i>S. cerevisiae</i>)	-1.26
Ticam2	Toll-like receptor adaptor molecule 2	-1.27
Pla2g7	Phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)	-1.27
Mag	Myelin-associated glycoprotein	-1.27
Dnali1	Dynein, axonemal, light intermediate polypeptide 1	-1.27

Nxph1	Neurexophilin 1	-1.27
Gjc2	Gap junction protein, chi 2	-1.27
Ahnak2	AHNAK nucleoprotein 2	-1.27
Scnn1a	Sodium channel, nonvoltage-gated, type I, alpha	-1.27
Ascc1	Activating signal cointegrator 1 complex subunit 1	-1.28
Ppp1r3b	Protein phosphatase 1, regulatory (inhibitor) subunit 3B	-1.28
Afmid	Arylformamidase	-1.28
Top3a	Topoisomerase (DNA) III alpha	-1.28
Adarb1	Adenosine deaminase, RNA-specific, B1	-1.28
Dgkk	Diacylglycerol kinase kappa	-1.28
Plcb4	Phospholipase C, beta 4	-1.29
Tppp3	Tubulin polymerization-promoting protein family member 3	-1.29
Slc39a12	Solute carrier family 39 (zinc transporter), member 12	-1.29
Plekhb1	Pleckstrin homology domain containing, family B (evectins) member 1	-1.29
Nup54	Nucleoporin 54	-1.29
Lgi3	Leucine-rich repeat LGI family, member 3	-1.29
Pygm	Muscle glycogen phosphorylase	-1.29
Sox10	SRY-box containing gene 10	-1.29
Ifi35	Interferon-induced protein 35	-1.29
Ppap2c	Phosphatidic acid phosphatase type 2c	-1.29
Frem1	Fras1 related extracellular matrix protein 1	-1.29
Prelp	Proline arginine-rich end leucine-rich repeat	-1.30
Cab39l	Calcium binding protein 39-like	-1.30
Mdfic	MyoD family inhibitor domain containing	-1.30
Ttc30a1	Tetratricopeptide repeat domain 30A1	-1.30
Rgs3	Regulator of G-protein signaling 3	-1.30
Bcat1	Branched chain aminotransferase 1, cytosolic	-1.30
BC022224	CDNA sequence BC022224	-1.30
Mog	Myelin oligodendrocyte glycoprotein	-1.30
Palm2	Paralemmin 2	-1.30

Kctd15	Potassium channel tetramerisation domain containing 15	-1.31
Apob48r	Apolipoprotein B48 receptor	-1.31
Gna15	Guanine nucleotide binding protein, alpha 15	-1.31
Mical2	MICAL-like 2	-1.31
Svil	Supervillin	-1.31
Opn3	Opsin (encephalopsin)	-1.31
Fndc5	Fibronectin type III domain containing 5	-1.31
Cdc42ep1	CDC42 effector protein (Rho GTPase binding) 1	-1.31
Zfp385	Zinc finger protein 385	-1.31
Steap2	Six transmembrane epithelial antigen of prostate 2	-1.31
Dll1	Delta-like 1 (Drosophila)	-1.32
Fadd	Fas (TNFRSF6)-associated via death domain	-1.32
Dmrta2	Doublesex and mab-3 related transcription factor like family A2	-1.32
Nrbp2	Nuclear receptor binding protein 2	-1.33
Adamts4	A disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 4	-1.33
Mdh1b	Malate dehydrogenase 1B, NAD (soluble)	-1.33
Dmpk	Dystrophia myotonica-protein kinase	-1.33
Casp8	Caspase 8	-1.33
Rad51c	Rad51 homolog c (<i>S. cerevisiae</i>)	-1.33
Abhd14b	Abhydrolase domain containing 14b	-1.33
Vipr2	Vasoactive intestinal peptide receptor 2	-1.33
Tlr2	Toll-like receptor 2	-1.34
St5	Suppression of tumorigenicity 5	-1.34
Hps6	Hermansky-Pudlak syndrome 6	-1.35
BC057371	CDNA sequence BC057371	-1.35
Ankrd15	Ankyrin repeat domain 15	-1.35
Clcn5	Chloride channel 5	-1.35
Chek2	CHK2 checkpoint homolog (<i>S. pombe</i>)	-1.35
Ctnnal1	Catenin (cadherin associated protein), alpha-like 1	-1.35

Sh3bgr12	SH3 domain binding glutamic acid-rich protein like 2	-1.35
Fgl2	Fibrinogen-like protein 2	-1.36
Trf	Transferrin	-1.36
Angpt1	Angiopoietin 1	-1.36
Zfp217	Zinc finger protein 217	-1.36
Gm1614	Gene model 1614, (NCBI)	-1.36
Rgs6	Regulator of G-protein signaling 6	-1.36
Myo1e	Myosin IE	-1.37
Sfrp2	Secreted frizzled-related protein 2	-1.37
Gdf11	Growth differentiation factor 11	-1.37
Zscan29	Zinc finger SCAN domains 29	-1.37
Armc3	Armadillo repeat containing 3	-1.37
Pnoc	Prepronociceptin	-1.37
Ndst3	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 3	-1.38
Mccc1	Methylcrotonoyl-Coenzyme A carboxylase 1 (alpha)	-1.38
Vash2	Vasohibin 2	-1.39
Hey2	Hairy/enhancer-of-split related with YRPW motif 2	-1.39
Plekhh1	Pleckstrin homology domain containing, family H (with MyTH4 domain) member 1	-1.39
Tdrd1	Tudor domain containing 1	-1.39
Prr18	Proline rich region 18	-1.39
Gm410	Gene model 410, (NCBI)	-1.39
Cib2	Calcium and integrin binding family member 2	-1.39
Rdh5	Retinol dehydrogenase 5	-1.39
Nudt12	Nudix (nucleoside diphosphate linked moiety X)-type motif 12	-1.40
Zfp423	Zinc finger protein 423	-1.40
Cerk	Ceramide kinase	-1.40
Mobp	Myelin-associated oligodendrocytic basic protein	-1.40
Evi2a	Ecotropic viral integration site 2a	-1.40
Wnt5a	Wingless-related MMTV integration site 5A	-1.40

Irs1	Insulin receptor substrate 1	-1.41
Car14	Carbonic anhydrase 14	-1.41
Lrguk	Leucine-rich repeats and guanylate kinase domain containing	-1.41
Stk33	Serine/threonine kinase 33	-1.41
Cc2d1b	Coiled-coil and C2 domain containing 1B	-1.41
LOC666244	Thymosin beta-like	-1.41
Acan	Aggrecan	-1.42
Pecr	Peroxisomal trans-2-enoyl-CoA reductase	-1.42
Rph3al	Rabphilin 3A-like (without C2 domains)	-1.42
Ppapdc1a	Phosphatidic acid phosphatase type 2 domain containing 1A	-1.42
Ctf1	Cardiotrophin 1	-1.42
Mbp	Myelin basic protein	-1.42
Sox18	SRY-box containing gene 18	-1.42
Capg	Capping protein (actin filament), gelsolin-like	-1.42
Vit	Vitrin	-1.43
Tmem22	Transmembrane protein 22	-1.43
Gpr123	G protein-coupled receptor 123	-1.43
Rnaset2a	Ribonuclease T2A	-1.44
Phyhd1	Phytanoyl-CoA dioxygenase domain containing 1	-1.44
Col8a2	Collagen, type VIII, alpha 2	-1.45
Rgs22	Regulator of G-protein signalling 22	-1.45
Nt5dc2	5'-nucleotidase domain containing 2	-1.45
	10 day old male pancreas cDNA, RIKEN full-length enriched library, clone:1810063E24 product:unclassifiable, full insert sequence	-1.46
Gpr3	G-protein coupled receptor 3	-1.46
Mxra7	Matrix-remodelling associated 7	-1.46
Fstl1	Follistatin-like 1	-1.46
Mettl7a	Methyltransferase like 7A	-1.46
Sh3px3	SH3 and PX domain containing 3	-1.47
Fblim1	Filamin binding LIM protein 1	-1.47

Rora	RAR-related orphan receptor alpha	-1.48
Clmn	Calmin	-1.48
Senp8	SUMO/sentrin specific peptidase 8	-1.48
Gpr126	G protein-coupled receptor 126	-1.49
BC057022	CDNA sequence BC057022	-1.49
Kcnip1	Kv channel-interacting protein 1	-1.49
Dnahc5	Dynein, axonemal, heavy chain 5	-1.49
Evi1	Ecotropic viral integration site 1	-1.49
Ihpk3	Inositol hexaphosphate kinase 3	-1.49
Zfp72	Zinc finger protein 72	-1.49
Vamp1	Vesicle-associated membrane protein 1	-1.49
Gal	Galanin	-1.50
Fmo5	Flavin containing monooxygenase 5	-1.50
Phlda3	Pleckstrin homology-like domain, family A, member 3	-1.50
Lrrc18	Leucine rich repeat containing 18	-1.50
Ccdc33	Coiled-coil domain containing 33	-1.50
Kif9	Kinesin family member 9	-1.50
Rom1	Rod outer segment membrane protein 1	-1.51
Zfp568	Zinc finger protein 568	-1.51
Cd160	CD160 antigen	-1.51
Zfp354b	Zinc finger protein 354B	-1.51
Epha8	Eph receptor A8	-1.52
Zfp105	Zinc finger protein 105	-1.52
Rarres1	Retinoic acid receptor responder (tazarotene induced) 1	-1.52
Rhpn2	Rhopilin, Rho GTPase binding protein 2	-1.53
Vdr	Vitamin D receptor	-1.53
Calr3	Calreticulin 3	-1.53
Serpib1a	Serine (or cysteine) peptidase inhibitor, clade B, member 1a	-1.53
Egflam	EGF-like, fibronectin type III and laminin G domains	-1.53
Kctd11	Potassium channel tetramerisation domain containing 11	-1.53

Card10	Caspase recruitment domain family, member 10	-1.53
BC043476	CDNA sequence BC043476	-1.53
Smyd1	SET and MYND domain containing 1	-1.53
Ttc12	Tetratricopeptide repeat domain 12	-1.53
Zfp618	Zinc fingerprotein 618	-1.54
Zfp768	Zinc finger protein 768	-1.54
Trim47	Tripartite motif protein 47	-1.54
Kctd9	Potassium channel tetramerisation domain containing 9	-1.55
Slc6a7	Solute carrier family 6 (neurotransmitter transporter, L-proline), member 7	-1.55
Psg16	Pregnancy specific glycoprotein 16	-1.55
Ccdc60	Coiled-coil domain containing 60	-1.56
Snx8	Sorting nexin 8	-1.56
Nuak2	NUAK family, SNF1-like kinase, 2	-1.56
Alox8	Arachidonate 8-lipoxygenase	-1.56
Tmlhe	Trimethyllysine hydroxylase, epsilon	-1.57
Gdpd2	Glycerophosphodiester phosphodiesterase domain containing 2	-1.57
Ebi2	Epstein-Barr virus induced gene 2	-1.57
Tmem132e	Transmembrane protein 132E	-1.58
Muc15	Mucin 15	-1.58
Tpmt	Thiopurine methyltransferase ST6	-1.58
St6galnac3	(alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosami nide alpha-2,6-sialyltransferase 3	-1.58
Gstt2	Glutathione S-transferase, theta 2	-1.59
Ush1g	Usher syndrome 1G homolog (human)	-1.59
Ptpn4	Protein tyrosine phosphatase, non-receptor type 4	-1.60
Cd109	CD109 antigen	-1.60
Ccdc96	Coiled-coil domain containing 96	-1.60
Kcnk12	Potassium channel, subfamily K, member 12	-1.60

Btbd16	BTB (POZ) domain containing 16	-1.60
Adamts20	A disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 20	-1.61
Nhlh2	Nescient helix loop helix 2	-1.61
Heph	Hephaestin	-1.61
Fbxo30	F-box protein 30	-1.62
Adrb3	Adrenergic receptor, beta 3	-1.62
Npal2	NIPA-like domain containing 2	-1.62
Parp3	Poly (ADP-ribose) polymerase family, member 3	-1.62
FlnC	Filamin C, gamma (actin binding protein 280)	-1.62
Asc11	Achaete-scute complex homolog-like 1 (Drosophila)	-1.62
Lrrc23	Leucine rich repeat containing 23	-1.62
Slc41a3	Solute carrier family 41, member 3	-1.62
Terf1	Telomeric repeat binding factor 1	-1.63
Tdrd6	Tudor domain containing 6	-1.63
Glipr2	GLI pathogenesis-related 2	-1.63
Wdr63	WD repeat domain 63	-1.63
Gja7	Gap junction membrane channel protein alpha 7	-1.63
Asb16	Ankyrin repeat and SOCS box-containing 16	-1.63
Emilin2	Elastin microfibril interfacier 2	-1.63
Col9a3	Collagen, type IX, alpha 3	-1.64
Klhl6	Kelch-like 6 (Drosophila)	-1.65
Cachd1	Cache domain containing 1	-1.65
Dnahc7a	Dynein, axonemal, heavy chain 7A	-1.65
BC026585	CDNA sequence BC026585	-1.65
Zfp366	Zinc finger protein 366	-1.65
Plch1	Phospholipase C, eta 1	-1.65
Pctk3	PCTAIRE-motif protein kinase 3	-1.66
Nudt21	Nudix (nucleoside diphosphate linked moiety X)-type motif 21	-1.66
Ppp1r14a	Protein phosphatase 1, regulatory (inhibitor) subunit 14A	-1.66

Gss	Glutathione synthetase	-1.67
Slc6a9	Solute carrier family 6 (neurotransmitter transporter, glycine), member 9	-1.67
S3-12	Plasma membrane associated protein, S3-12	-1.67
Adcy7	Adenylate cyclase 7	-1.67
Prtn3	Proteinase 3	-1.67
Lrrtm1	Leucine rich repeat transmembrane neuronal 1	-1.68
Trim59	Tripartite motif-containing 59	-1.68
Slc39a13	Solute carrier family 39 (metal ion transporter), member 13	-1.68
Frmpd1	FERM and PDZ domain containing 1	-1.68
Arhgef5	Rho guanine nucleotide exchange factor (GEF) 5	-1.68
Zmat4	Zinc finger, matrin type 4	-1.69
Zmynd10	Zinc finger, MYND domain containing 10	-1.69
Mtfr1	Mitochondrial fission regulator 1	-1.70
Cdkn1c	Cyclin-dependent kinase inhibitor 1C (P57)	-1.70
	Transcribed locus, weakly similar to XP_001111709.1 similar to beta globin [Macaca mulatta]	-1.70
Neu3	Neuraminidase 3	-1.71
Prr11	Proline rich 11	-1.71
Slc14a1	Solute carrier family 14 (urea transporter), member 1	-1.71
Slc27a2	Solute carrier family 27 (fatty acid transporter), member 2	-1.72
Nat2	N-acetyltransferase 2 (arylamine N-acetyltransferase)	-1.72
Icosl	Icos ligand	-1.72
Map3k14	Mitogen-activated protein kinase kinase kinase 14	-1.73
Xkr8	X Kell blood group precursor related family member 8 homolog	-1.74
Amotl2	Angiomotin like 2	-1.74
Tnfaip8	Tumor necrosis factor, alpha-induced protein 8	-1.74
Mylip	Myosin regulatory light chain interacting protein	-1.74
Syt9	Synaptotagmin IX	-1.74
Tmem170	Transmembrane protein 170	-1.74
Trh	Thyrotropin releasing hormone	-1.74

Aldh1a1	Aldehyde dehydrogenase family 1, subfamily A1	-1.74
Pthr1	Parathyroid hormone receptor 1	-1.75
Rttm	Rotatin	-1.75
Dnaic2	Dynein, axonemal, intermediate chain 2	-1.75
Lbh	Limb-bud and heart	-1.75
Cd24a	CD24a antigen	-1.75
Aox4	Aldehyde oxidase 4	-1.76
Dnahc9	Dynein, axonemal, heavy chain 9	-1.76
Ccdc102a	Coiled-coil domain containing 102A	-1.76
Cbx8	Chromobox homolog 8 (Drosophila Pc class)	-1.77
Cd38	CD38 antigen	-1.77
Gstm7	Glutathione S-transferase, mu 7	-1.77
Cdc42ep2	CDC42 effector protein (Rho GTPase binding) 2	-1.77
Tll2	Tolloid-like 2	-1.78
Col14a1	Collagen, type XIV, alpha 1	-1.78
Hs3st3b1	Heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	-1.78
Foxd1	Forkhead box D1	-1.79
	Transcribed locus, moderately similar to NP_067735.1	
	A-kinase-anchoring-protein [Rattus norvegicus]	-1.80
Dnaic1	Dynein, axonemal, intermediate chain 1	-1.80
Tmhs	Tetraspan transmembrane protein, hair cell stereocilia	-1.80
Alas2	Aminolevulinic acid synthase 2, erythroid	-1.81
Tbc1d2	TBC1 domain family, member 2	-1.81
Grin2d	Glutamate receptor, ionotropic, NMDA2D (epsilon 4)	-1.81
Adcy8	Adenylate cyclase 8	-1.81
Rshl3	Radial spokehead-like 3	-1.81
Tdrd5	Tudor domain containing 5	-1.82
Hs3st1	Heparan sulfate (glucosamine) 3-O-sulfotransferase 1	-1.82
Lrriq1	Leucine-rich repeats and IQ motif containing 1	-1.82
Iigp2	Interferon inducible GTPase 2	-1.82

Folh1	Folate hydrolase	-1.83
Dusp4	Dual specificity phosphatase 4	-1.83
Six4	Sine oculis-related homeobox 4 homolog (Drosophila)	-1.83
Itpkb	Inositol 1,4,5-trisphosphate 3-kinase B	-1.84
Slc4a5	Solute carrier family 4, sodium bicarbonate cotransporter, member 5	-1.84
Hist1h4h	Histone cluster 1, H4h	-1.84
Pkib	Protein kinase inhibitor beta, cAMP dependent, testis specific	-1.84
Bmper	BMP-binding endothelial regulator	-1.84
Slc25a13	Solute carrier family 25 (mitochondrial carrier, adenine nucleotide translocator), member 13	-1.85
Slc26a4	Solute carrier family 26, member 4	-1.86
Paqr6	Progesterin and adipoQ receptor family member VI	-1.87
Artn	Artemin	-1.87
Tcp11	T-complex protein 11	-1.88
Cpt2	Carnitine palmitoyltransferase 2	-1.89
Ly11	Lymphoblastomic leukemia	-1.89
P4ha3	Procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxylase), alpha polypeptide III	-1.89
Rassf7	Ras association (RalGDS/AF-6) domain family 7	-1.90
Sp7	Trans-acting transcription factor 7	-1.90
BC060267	CDNA sequence BC060267	-1.90
Fbn2	Fibrillin 2	-1.90
Amotl1	Angiotensin-like 1	-1.91
Tec	Cytoplasmic tyrosine kinase, Dscr28C related (Drosophila)	-1.91
Scara5	Scavenger receptor class A, member 5 (putative)	-1.91
Trim29	Tripartite motif protein 29	-1.91
Il1a	Interleukin 1 alpha	-1.91
Lrrc46	Leucine rich repeat containing 46	-1.92
Six3	Sine oculis-related homeobox 3 homolog (Drosophila)	-1.92

Gli1	GLI-Kruppel family member GLI1	-1.92
Pgbd1	PiggyBac transposable element derived 1	-1.92
Stard6	StAR-related lipid transfer (START) domain containing 6	-1.93
Ccdc89	Coiled-coil domain containing 89	-1.94
Rassf4	Ras association (RalGDS/AF-6) domain family 4	-1.94
Rnf152	Ring finger protein 152	-1.94
Trim67	Tripartite motif-containing 67	-1.94
Aldh3b2	Aldehyde dehydrogenase 3 family, member B2	-1.94
Tmprss5	Transmembrane protease, serine 5 (spinesin)	-1.94
Atp7b	ATPase, Cu ⁺⁺ transporting, beta polypeptide	-1.95
Hdc	Histidine decarboxylase	-1.95
Lrrc38	Leucine rich repeat containing 38	-1.95
Calb2	Calbindin 2	-1.95
Myom1	Myomesin 1	-1.95
Nefh	Neurofilament, heavy polypeptide	-1.96
Myct1	Myc target 1	-1.97
Plcg2	Phospholipase C, gamma 2	-1.98
Erv3	Endogenous retroviral sequence 3	-1.99
Slc39a4	Solute carrier family 39 (zinc transporter), member 4	-1.99
Ankrd57	Ankyrin repeat domain 57	-1.99
Marveld2	MARVEL (membrane-associating) domain containing 2	-1.99
Kcnh2	Potassium voltage-gated channel, subfamily H (eag-related), member 2	-1.99
Rorc	RAR-related orphan receptor gamma	-1.99
Rab11fip1	RAB11 family interacting protein 1 (class I)	-2.00
Trim36	Tripartite motif-containing 36	-2.02
Rsph1	Radial spoke head 1 homolog (Chlamydomonas)	-2.03
Trim34	Tripartite motif protein 34	-2.04
Grp	Gastrin releasing peptide	-2.04
Ptpn3	Protein tyrosine phosphatase, non-receptor type 3	-2.05
Slc16a5	Solute carrier family 16 (monocarboxylic acid transporters), member 5	-2.05

Kcnc2	Potassium voltage gated channel, Shaw-related subfamily, member 2	-2.05
Gm216	Gene model 216, (NCBI)	-2.06
Irx2	Iroquois related homeobox 2 (Drosophila)	-2.06
Chrna4	Cholinergic receptor, nicotinic, alpha polypeptide 4	-2.07
Vav3	Vav 3 oncogene	-2.07
Ptgfr	Prostaglandin F receptor	-2.07
Pdgfd	Platelet-derived growth factor, D polypeptide	-2.08
Lincr	Lung-inducible neuralized-related C3HC4 RING domain protein	-2.08
Slc6a11	Solute carrier family 6 (neurotransmitter transporter, GABA), member 11	-2.08
Lrig3	Leucine-rich repeats and immunoglobulin-like domains 3	-2.08
Meox1	Mesenchyme homeobox 1	-2.09
Nrip3	Nuclear receptor interacting protein 3	-2.09
Dnahc7l	Dynein, axonemal, heavy chain 7-like	-2.09
Slc45a3	Solute carrier family 45, member 3	-2.10
Rasd1	RAS, dexamethasone-induced 1	-2.10
Tekt1	Tektin 1	-2.10
Serpinf1	Serine (or cysteine) peptidase inhibitor, clade F, member 1	-2.10
Inhbb	Inhibin beta-B	-2.10
Lpo	Lactoperoxidase	-2.11
Hes5	Hairy and enhancer of split 5 (Drosophila)	-2.11
Flt3	FMS-like tyrosine kinase 3	-2.11
Col25a1	Collagen, type XXV, alpha 1	-2.11
Dhx58	DEXH (Asp-Glu-X-His) box polypeptide 58	-2.13
Dsp	Desmoplakin	-2.13
Foxj1	Forkhead box J1	-2.14
Cd48	CD48 antigen	-2.14
Fgd5	FYVE, RhoGEF and PH domain containing 5	-2.16
BC064033	CDNA sequence BC064033	-2.17
Cacna2d4	Calcium channel, voltage-dependent, alpha 2/delta subunit 4	-2.18
Galnt12	UDP-N-acetyl-alpha-D-galactosamine:polypeptide	-2.18

	N-acetylgalactosaminyltransferase 12	
Btbd11	BTB (POZ) domain containing 11	-2.18
Lif	Leukemia inhibitory factor	-2.18
Gfap	Glial fibrillary acidic protein	-2.19
Efhc1	EF-hand domain (C-terminal) containing 1	-2.19
Chrm2	Cholinergic receptor, muscarinic 2, cardiac	-2.19
Ptger3	Prostaglandin E receptor 3 (subtype EP3)	-2.19
Baiap211	BAI1-associated protein 2-like 1	-2.20
Synpo2	Synaptopodin 2	-2.20
Zic3	Zinc finger protein of the cerebellum 3	-2.20
Spsb4	SplA/ryanodine receptor domain and SOCS box containing 4	-2.21
Ccdc121	Coiled-coil domain containing 121	-2.21
Slc2a4	Solute carrier family 2 (facilitated glucose transporter), member 4	-2.22
Hs3st3a1	Heparan sulfate (glucosamine) 3-O-sulfotransferase 3A1	-2.23
Ubx3	UBX domain containing 3	-2.25
Plscr2	Phospholipid scramblase 2	-2.26
Iigp1	Interferon inducible GTPase 1	-2.26
Tmem16e	Transmembrane protein 16E	-2.27
Casq1	Calsequestrin 1	-2.27
Zfp185	Zinc finger protein 185	-2.28
Prrg4	Proline rich Gla (G-carboxyglutamic acid) 4 (transmembrane)	-2.28
Stac	Src homology three (SH3) and cysteine rich domain	-2.28
Arsj	Arylsulfatase J	-2.28
Clic6	Chloride intracellular channel 6	-2.29
Tanc1	Tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 1	-2.29
Lrrc36	Leucine rich repeat containing 36	-2.29
Pln	Phospholamban	-2.29
Cdca7l	Cell division cycle associated 7 like	-2.29
Tm7sf4	Transmembrane 7 superfamily member 4	-2.29
	Transcribed locus, weakly similar to XP_001083967.1 coronin, actin	-2.30

	binding protein, 2B [Macaca mulatta]	
Mab2111	Mab-21-like 1 (C. elegans)	-2.30
Slc29a4	Solute carrier family 29 (nucleoside transporters), member 4	-2.31
Mrv1	MRV integration site 1	-2.31
Vwc2	Von Willebrand factor C domain containing 2	-2.32
Wnt3	Wingless-related MMTV integration site 3	-2.33
Aqp1	Aquaporin 1	-2.36
Cecr2	Cat eye syndrome chromosome region, candidate 2 homolog (human)	-2.36
	Transcribed locus, strongly similar to XP_900926.1 hypothetical protein LOC208213 isoform 2 [Mus musculus]	-2.38
Rab20	RAB20, member RAS oncogene family	-2.39
Fut4	Fucosyltransferase 4	-2.39
Ccdc40	Coiled-coil domain containing 40	-2.39
Gm221	Gene model 221, (NCBI)	-2.40
Depdc1b	DEP domain containing 1B	-2.41
Ces3	Carboxylesterase 3	-2.41
Igsf1	Immunoglobulin superfamily, member 1	-2.41
	Transcribed locus, moderately similar to XP_001094404.1 similar to alpha 2 globin [Macaca mulatta]	-2.42
F2r	Coagulation factor II (thrombin) receptor	-2.43
Kcng4	Potassium voltage-gated channel, subfamily G, member 4	-2.43
A2m	Alpha-2-macroglobulin	-2.44
P2rx5	Purinergic receptor P2X, ligand-gated ion channel, 5	-2.44
Rgs16	Regulator of G-protein signaling 16	-2.45
Zap70	Zeta-chain (TCR) associated protein kinase	-2.46
Prrx11	Paired related homeobox protein-like 1	-2.46
Gabbr2	Gamma-aminobutyric acid (GABA-C) receptor, subunit rho 2	-2.47
BC051019	CDNA sequence BC051019	-2.47
BC024139	CDNA sequence BC024139	-2.48

AU021034	Expressed sequence AU021034	-2.48
Slc14a2	Solute carrier family 14 (urea transporter), member 2	-2.49
St8sia6	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 6	-2.50
Larp2	La ribonucleoprotein domain family, member 2	-2.51
Crb3	Crumbs homolog 3 (Drosophila)	-2.53
Irx5	Iroquois related homeobox 5 (Drosophila)	-2.55
Adra2b	Adrenergic receptor, alpha 2b	-2.56
Capsl	Calcyphosine-like	-2.56
Zic2	Zic finger protein of the cerebellum 2	-2.57
Ltb4dh	Leukotriene B4 12-hydroxydehydrogenase	-2.59
F5	Coagulation factor V	-2.59
Rab38	Rab38, member of RAS oncogene family	-2.59
Dnajb13	DnaJ (Hsp40) related, subfamily B, member 13	-2.60
Styx11	Serine/threonine/tyrosine interacting-like 1	-2.61
Gpr35	G protein-coupled receptor 35	-2.62
Tmem26	Transmembrane protein 26	-2.62
Spata17	Spermatogenesis associated 17	-2.64
Tacstd2	Tumor-associated calcium signal transducer 2	-2.65
Esrrb	Estrogen related receptor, beta	-2.65
Abca4	ATP-binding cassette, sub-family A (ABC1), member 4	-2.67
Asf1b	ASF1 anti-silencing function 1 homolog B (S. cerevisiae)	-2.67
Ccdc67	Coiled-coil domain containing 67	-2.67
Bbox1	Butyrobetaine (gamma), 2-oxoglutarate dioxygenase 1 (gamma-butyrobetaine hydroxylase)	-2.67
Adamts15	A disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 15	-2.67
Dusp27	Dual specificity phosphatase 27 (putative)	-2.68
Folr1	Folate receptor 1 (adult)	-2.68
Lbp	Lipopolysaccharide binding protein	-2.68
Spag8	Sperm associated antigen 8	-2.69

Pklr	Pyruvate kinase liver and red blood cell	-2.70
Tmem27	Transmembrane protein 27	-2.71
Hrc	Histidine rich calcium binding protein	-2.74
T2	Brachyury 2	-2.74
Pomc	Pro-opiomelanocortin-alpha	-2.74
Alpk2	Alpha-kinase 2	-2.74
Dennd2d	DENN/MADD domain containing 2D	-2.75
Prox1	Prospero-related homeobox 1	-2.75
Dnahc11	Dynein, axonemal, heavy chain 11	-2.77
Spef2	Sperm flagellar 2	-2.78
Cxcr4	Chemokine (C-X-C motif) receptor 4	-2.81
Nr2f2	Nuclear receptor subfamily 2, group F, member 2	-2.83
Cckar	Cholecystokinin A receptor	-2.84
Nek5	NIMA (never in mitosis gene a)-related expressed kinase 5	-2.85
Hydin	Hydrocephalus inducing	-2.85
Akr1c13	Aldo-keto reductase family 1, member C13	-2.86
Npsr1	Neuropeptide S receptor 1	-2.86
Sh3d19	SH3 domain protein D19	-2.87
Got1l1	Glutamic-oxaloacetic transaminase 1-like 1	-2.89
Rgs9bp	Regulator of G-protein signalling 9 binding protein	-2.90
Ttc18	Tetratricopeptide repeat domain 18	-2.90
Olfir658	Olfactory receptor 658	-2.92
Wdr69	WD repeat domain 69	-2.95
Ak7	Adenylate kinase 7	-2.96
Lancl3	LanC lantibiotic synthetase component C-like 3 (bacterial)	-2.96
Aqp6	Aquaporin 6	-2.97
Marveld3	MARVEL (membrane-associating) domain containing 3	-2.99
Elf4	E74-like factor 4 (ets domain transcription factor)	-2.99
Nmur2	Neuromedin U receptor 2	-2.99
LOC100040591	Potassium inwardly-rectifying channel, subfamily J, member 13	-3.01

Rec8	REC8 homolog (yeast)	-3.04
Rbp3	Retinol binding protein 3, interstitial	-3.04
Trpm8	Transient receptor potential cation channel, subfamily M, member 8	-3.05
Grid2ip	Glutamate receptor, ionotropic, delta 2 (Grid2) interacting protein 1	-3.05
Prom2	Prominin 2	-3.06
Trp63	Transformation related protein 63	-3.07
Srxp2	Sushi-repeat-containing protein, X-linked 2	-3.08
Wdr72	WD repeat domain 72	-3.09
Ptpn20	Protein tyrosine phosphatase, non-receptor type 20	-3.09
Spag16	Sperm associated antigen 16	-3.10
Klhdc8a	Kelch domain containing 8A	-3.11
Mlf1	Myeloid leukemia factor 1	-3.11
Cdh26	Cadherin-like 26	-3.12
Msx1	Homeo box, msh-like 1	-3.14
Serpinb6b	Serine (or cysteine) peptidase inhibitor, clade B, member 6b	-3.14
Gm1110	Gene model 1110, (NCBI)	-3.15
LOC100043490	Similar to Ran-interacting protein MOG1	-3.15
Ube2u	Ubiquitin-conjugating enzyme E2U (putative)	-3.16
Fgr	Gardner-Rasheed feline sarcoma viral (Fgr) oncogene homolog	-3.16
Cldn2	Claudin 2	-3.17
Hoxa1	Homeo box A1	-3.17
Lgals3	Lectin, galactose binding, soluble 3	-3.19
Mycn	V-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian)	-3.19
Acaa1b	Acetyl-Coenzyme A acyltransferase 1B	-3.19
	Transcribed locus, weakly similar to NP_055333.2 finger protein 229 [Homo sapiens]	-3.20
Ccdc135	Coiled-coil domain containing 135	-3.21
Irx1	Iroquois related homeobox 1 (Drosophila)	-3.22

Ttc21a	Tetratricopeptide repeat domain 21A	-3.24
Crygn	Crystallin, gamma N	-3.24
Abca13	ATP-binding cassette, sub-family A (ABC1), member 13	-3.24
Zic1	Zinc finger protein of the cerebellum 1	-3.24
Plek2	Pleckstrin 2	-3.27
Tcf23	Transcription factor 23	-3.29
Ramp3	Receptor (calcitonin) activity modifying protein 3	-3.30
Nmur1	Neuromedin U receptor 1	-3.31
Lrrc43	Leucine rich repeat containing 43	-3.31
Bcl2l15	Bcl2-like 15	-3.31
Serpnb7	Serine (or cysteine) peptidase inhibitor, clade B, member 7	-3.31
Serpina3c	Serine (or cysteine) peptidase inhibitor, clade A, member 3C	-3.31
Cd19	CD19 antigen	-3.31
BC048644	CDNA sequence BC048644	-3.32
Actn3	Actinin alpha 3	-3.35
	CDNA, clone:Y1G0108I18, strand:plus, reference:ENSEMBL:Mouse-Transcript-ENST:ENSMUST00000058914, based on BLAT search	-3.35
Kcnk15	Potassium channel, subfamily K, member 15	-3.37
Il7r	Interleukin 7 receptor	-3.38
Wnt9b	Wingless-type MMTV integration site 9B	-3.39
Agt	Angiotensinogen (serpin peptidase inhibitor, clade A, member 8)	-3.40
Kcnmb2	Potassium large conductance calcium-activated channel, subfamily M, beta member 2	-3.42
Lingo4	Leucine rich repeat and Ig domain containing 4	-3.43
Epx	Eosinophil peroxidase	-3.44
Klrg1	Killer cell lectin-like receptor subfamily G, member 1	-3.45
Slco1a5	Solute carrier organic anion transporter family, member 1a5	-3.45
Lhb	Luteinizing hormone beta	-3.48

Bdkrb1	Bradykinin receptor, beta 1	-3.49
Scube2	Signal peptide, CUB domain, EGF-like 2	-3.50
Trpm6	Transient receptor potential cation channel, subfamily M, member 6	-3.51
Gpr179	G protein-coupled receptor 179	-3.52
Depdc7	DEP domain containing 7	-3.54
Fcna	Ficolin A	-3.54
Spag17	Sperm associated antigen 17	-3.56
Ripk4	Receptor-interacting serine-threonine kinase 4	-3.56
Trim40	Tripartite motif-containing 40	-3.57
Stoml3	Stomatin (Epb7.2)-like 3	-3.58
Ntng1	Netrin G1	-3.58
Klhl31	Kelch-like 31 (Drosophila)	-3.58
Itgad	Integrin, alpha D	-3.58
AU015836	Expressed sequence AU015836	-3.58
Sall4	Sal-like 4 (Drosophila)	-3.58
Zfp541	Zinc finger protein 541	-3.60
Tmem156	Transmembrane protein 156	-3.61
Nkx2-9	NK2 transcription factor related, locus 9 (Drosophila)	-3.61
Ngfr	Nerve growth factor receptor (TNFR superfamily, member 16)	-3.66
Ccdc69	Coiled-coil domain containing 69	-3.69
Nms	Neuromedin S	-3.70
Tmem45b	Transmembrane protein 45b	-3.72
Fign	Fidgetin	-3.73
Spata18	Spermatogenesis associated 18	-3.75
Sh2d4b	SH2 domain containing 4B	-3.77
Creb3l3	CAMP responsive element binding protein 3-like 3	-3.77
Il22ra1	Interleukin 22 receptor, alpha 1	-3.80
Has2	Hyaluronan synthase 2	-3.80
Kcnk7	Potassium channel, subfamily K, member 7	-3.80
Ccdc110	Coiled-coil domain containing 110	-3.80

Gm941	Gene model 941, (NCBI)	-3.81
Mctp2	Multiple C2 domains, transmembrane 2	-3.85
Anxa8	Annexin A8	-3.86
Gm693	Gene model 693, (NCBI)	-3.87
Sptlc3	Serine palmitoyltransferase, long chain base subunit 3	-3.90
Tmprss2	Transmembrane protease, serine 2	-3.90
Dsg1a	Desmoglein 1 alpha	-3.92
Klhl14	Kelch-like 14 (Drosophila)	-3.92
Gtf2a11	General transcription factor IIA, 1-like	-3.93
Notum	Notum pectinacylesterase homolog (Drosophila)	-3.96
Gimap9	GTPase, IMAP family member 9	-3.99
Gpr111	G protein-coupled receptor 111	-3.99
Cldn19	Claudin 19	-4.00
Adamts14	A disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 14	-4.01
Gpr174	G protein-coupled receptor 174	-4.03
Kcne2	Potassium voltage-gated channel, Isk-related subfamily, gene 2	-4.03
Uts2r	Urotensin 2 receptor	-4.05
Irx3	Iroquois related homeobox 3 (Drosophila)	-4.07
Pp11r	Placental protein 11 related	-4.16
Ccdc11	Coiled-coil domain containing 11	-4.16
Zfp750	Zinc finger protein 750	-4.17
Krt18	Keratin 18	-4.17
Slc17a6	Solute carrier family 17 (sodium-dependent inorganic phosphate cotransporter), member 6	-4.18
Frem3	Fras1 related extracellular matrix protein 3	-4.20
Opn4	Opsin 4 (melanopsin)	-4.23
	Transcribed locus, moderately similar to XP_001093456.1 similar to slit and trk like 6 [Macaca mulatta]	-4.24

Padi1	Peptidyl arginine deiminase, type I	-4.25
Uncx4.1	Unc4.1 homeobox (<i>C. elegans</i>)	-4.25
Nrtn	Neurturin	-4.27
C1ql2	Complement component 1, q subcomponent-like 2	-4.30
Bhmt2	Betaine-homocysteine methyltransferase 2	-4.32
Slc43a3	Solute carrier family 43, member 3	-4.32
Clec12b	C-type lectin domain family 12, member B	-4.34
Snai2	Snail homolog 2 (<i>Drosophila</i>)	-4.38
Ret	Ret proto-oncogene	-4.38
Gdf2	Growth differentiation factor 2	-4.40
Neurog2	Neurogenin 2	-4.40
Tgtp	T-cell specific GTPase	-4.43
Fbxo40	F-box protein 40	-4.48
Zfp474	Zinc finger protein 474	-4.52
Mogat1	Monoacylglycerol O-acyltransferase 1	-4.58
Dmrt3	Doublesex and mab-3 related transcription factor 3	-4.58
Glr1	Glycine receptor, alpha 1 subunit	-4.59
Magix	MAGI family member, X-linked	-4.60
Tcf7l2	Transcription factor 7-like 2, T-cell specific, HMG-box	-4.64
Colq	Collagen-like tail subunit (single strand of homotrimer) of asymmetric acetylcholinesterase	-4.76
Lrrc34	Leucine rich repeat containing 34	-4.81
Nr0b2	Nuclear receptor subfamily 0, group B, member 2	-4.85
Pappa	Pregnancy-associated plasma protein A	-5.00
Foxb1	Forkhead box B1	-5.10
Calca	Calcitonin/calcitonin-related polypeptide, alpha	-5.30
Ldlrad2	Low density lipoprotein receptor A domain containing 2	-5.36
Sh3bgr	SH3-binding domain glutamic acid-rich protein	-5.52
Otop1	Otopetrin 1	-5.66

Gnb3	Guanine nucleotide binding protein, beta 3	-5.68
Lmx1a	LIM homeobox transcription factor 1 alpha	-5.89
Lmod2	Leiomodin 2 (cardiac)	-6.09
Lhx9	LIM homeobox protein 9	-7.40

(*: Log₂ ratio means up-regulation. The log₂ ratio < 0 means down-regulated).