

Complete list of genes dysregulated by GNS treatment

Complete list of genes up-regulated by GNS treatment

Gene Id	Gene	Z-score
AA008901	No data	1.606293
AA051784	No data	2.068295
AB001432	kinesin family member 15(Kif15)	1.593081
AB008181	protocadherin alpha 5(Pcdha5)	1.672131
AB017136	homer scaffolding protein 2(Homer2)	1.567269
AB022163	F-box and WD-40 domain protein 4(Fbxw4)	1.636583
AB024499	zinc finger homeodomain 4(Zfhx4)	1.799988
AB026046	membrane-spanning 4-domains, subfamily A, member 10(Ms4a10)	1.681275
AB030199	integral membrane protein 2C(Itm2c)	1.611706
AB030912	tripartite motif-containing 3(Trim3)	1.685733
AB033769	killer cell lectin-like receptor, subfamily A, member 17(Klra17)	1.92229
AB035134	TCF3 (E2A) fusion partner(Tfpt)	2.022688
AB037180	aquaporin 9(Aqp9)	2.239226
AB037923	kinesin family member 13A(Kif13a)	1.582968
AB041575	RAB6A, member RAS oncogene family(Rab6a)	2.005738
AB041610	component of oligomeric golgi complex 8(Cog8)	1.830684
AB041651	Morf4 family associated protein 1(Mrfap1)	1.879493
AB049645	mitochondrial ribosomal protein L20(Mrpl20)	1.649548
AB053955	No data	2.0401
AB054987	phosphatidylinositol-5-phosphate 4-kinase, type II, beta(Pip4k2b)	1.717201
AF004833	tissue factor pathway inhibitor(Tfpi)	1.961151
AF010210	No data	1.80628
AF010215	No data	1.925683
AF012178	No data	1.95967
AF014372	No data	2.253014
AF020313	amyloid beta (A4) precursor protein-binding, family B, member 1 interacting protein(Apbb1ip)	2.01112
AF020738	fibroblast growth factor 12(Fgf12)	1.753304
AF022792	ubiquitin specific peptidase 12(Usp12)	1.755325
AF022856	No data	1.780546
AF023238	No data	1.808082
AF029238	No data	2.639422
AF037437	No data	1.878381
AF041409	integrin alpha 8(Itga8)	1.626303

AF041886	No data	1.709967
AF041944	No data	2.115703
AF041951	No data	2.188502
AF041952	No data	1.752747
AF042360	olfactory receptor 1355(Olfr1355)	1.646869
AF044225	No data	1.733827
AF050418	No data	1.630342
AF050423	No data	1.776472
AF056214	No data	1.68233
AF056972	guanine nucleotide binding protein, alpha z subunit(Gnaz)	1.641311
AF062756	No data	1.9313
AF071430	E1A binding protein p300(Ep300)	1.911047
AF089721	smoothened, frizzled class receptor(Smo)	2.044198
AF090373	gamma-aminobutyric acid (GABA) A receptor, subunit alpha 4(Gabra4)	1.79195
AF092039	steroid receptor RNA activator 1(Sra1)	1.502531
AF092093	adaptor-related protein complex AP-4, sigma 1(Ap4s1)	1.625098
AF092507	dipeptidylpeptidase 6(Dpp6)	1.526619
AF093549	No data	1.872212
AF093552	No data	1.52908
AF093563	No data	1.826298
AF093864	No data	2.410693
AF102519	olfactory receptor 45(Olfr45)	1.87788
AF104984	No data	2.170897
AF107018	No data	1.512219
AF108462	eukaryotic translation initiation factor 6(Eif6)	2.804366
AF115339	Lck interacting transmembrane adaptor 1(Lime1)	1.508149
AF117831	integrin-linked kinase-associated serine/threonine phosphatase 2C(Ilkap)	1.509532
AF120469	No data	1.718085
AF121080	solute carrier family 15, member 3(Slc15a3)	1.524148
AF123263	phenylalanyl-tRNA synthetase, beta subunit(Farsb)	1.583831
AF129888	eukaryotic translation initiation factor 1(Eif1)	2.70488
AF130313	NCK interacting protein with SH3 domain(Nckipsd)	1.983926
AF143687	No data	1.898327
AF144899	No data	1.819103
AF144900	No data	1.678695
AF144975	immunoglobulin heavy chain (J558 family)(Igh-VJ558)	1.58637
AF150755	microtubule-actin crosslinking factor 1(Macf1)	1.839097
AF178531	ropporin, rrophilin associated protein 1(Ropn1)	2.319185
AF178751	olfactory receptor 2(Olfr2)	2.630375

AF179425	GATA binding protein 6(Gata6)	1.814614
AF182945	SRY (sex determining region Y)-box 15(Sox15)	2.014908
AF188180	No data	2.049846
AF189817	pleckstrin homology domain containing, family B (evectins) member 2(Plekha2)	1.557045
AF192525	cytohesin 1 interacting protein(Cytip)	2.452069
AF193435	SRY (sex determining region Y)-box 14(Sox14)	1.592429
AF210283	No data	2.045455
AF217002	two pore channel 1(Tpcn1)	1.713081
AF217188	Yip1 domain family, member 7(Yipf7)	1.817842
AF220033	tripartite motif-containing 7(Trim7)	1.556225
AF220154	No data	1.674533
AF221095	N-deacetylase/N-sulfotransferase (heparan glucosaminyl) 3(Ndst3)	2.316668
AF221104	No data	2.403912
AF225707	NFKB inhibitor interacting Ras-like protein 1(Nkiras1)	1.815041
AF233322	solute carrier family 30 (zinc transporter), member 7(Slc30a7)	3.043332
AF237628	leiomodin 2 (cardiac)(Lmod2)	1.799919
AF242214	No data	2.255846
AF242218	No data	1.705921
AF245444	glutamate receptor, ionotropic, kainate 3(Grik3)	1.647822
AF263460	solute carrier family 30 (zinc transporter), member 9(Slc30a9)	2.004339
AF265684	No data	2.038418
AF273672	importin 9(Ipo9)	1.509034
AF276425	signal peptide, CUB domain, EGF-like 1(Scube1)	2.431361
AF276872	solute carrier family 5 (choline transporter), member 7(Slc5a7)	1.910837
AF282272	No data	1.763456
AF282277	No data	1.996543
AF282730	tissue inhibitor of metalloproteinase 4(Timp4)	1.611827
AF286161	pleckstrin homology domain-containing, family A (phosphoinositide binding specific) member 2(Plekha2)	1.746384
AF286212	armadillo repeat gene deleted in velo-cardio-facial syndrome(Arvcf)	1.82658
AF291488	No data	1.722636
AF291496	No data	1.638444
AF291503	No data	1.598848
AF291722	No data	1.704793
AF291821	nuclear receptor subfamily 1, group D, member 1(Nr1d1)	2.083866
AF298810	ATPase, H ⁺ transporting, lysosomal V1 subunit D(Atp6v1d)	1.593443
AF301152	chromosome segregation 1-like (<i>S. cerevisiae</i>)(Cse1l)	1.577029
AF305425	protease, serine 29(Prss29)	1.615934

AF309565	potassium voltage-gated channel, subfamily H (eag-related), member 5(Kcnh5)	1.576903
AF320615	No data	1.575311
AF322194	cleavage stimulation factor, 3' pre-RNA subunit 2, tau(Cstf2t)	1.601487
AF325532	glucuronyl C5-epimerase(Glce)	1.599447
AF326300	protocadherin beta 7(Pcdhb7)	1.903819
AF326303	No data	1.832402
AF331457	RAS guanyl releasing protein 4(Rasgrp4)	2.107184
AF336345	No data	2.165069
AF338424	nudix (nucleoside diphosphate linked moiety X)-type motif 7(Nudt7)	1.80504
AF354708	mitochondrial fission regulator 1(Mtfr1)	1.698218
AF357325	small nucleolar RNA, C/D box 88C(Snord88c)	2.01108
AF357389	small nucleolar RNA, H/ACA box 30(Snora30)	1.797737
AF357392	predicted gene 12238(Gm12238)	1.729773
AF357461	No data	1.944685
AF357499	No data	1.860167
AF360543	carbohydrate sulfotransferase 10(Chst10)	1.635831
AF363030	O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase)(Ogt)	2.107756
AF369894	No data	2.245162
AF387809	SNF related kinase(Snrk)	1.716668
AF412298	LYR motif containing 5(Lyrm5)	1.511218
AF419324	calcium binding protein 7(Cabp7)	1.689972
AI840604	No data	1.819067
AJ001379	testis specific protein-Y encoded, pseudogene(Tspy-ps)	2.203435
AJ005120	B cell translocation gene 4(Btg4)	1.60879
AJ007376	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked(Ddx3y)	2.054269
AJ011080	afamin(Afm)	1.784118
AJ231215	No data	1.595552
AJ245477	No data	2.784866
AJ249354	endothelial cell-specific molecule 1(Esm1)	1.891613
AJ275989	Kruppel like factor 11(KLF11)	1.626952
AJ276796	cysteinyl-tRNA synthetase(Cars)	1.669579
AJ278787	sodium channel, voltage-gated, type IV, alpha(Scn4a)	2.639349
AJ279831	No data	1.906614
AJ279846	small integral membrane protein 11(Smim11)	2.020682
AJ290945	predicted gene 10401(Gm10401)	1.942669
AJ293592	laminin, alpha 3(Lama3)	2.366763
AJ307527	No data	1.539362

AJ344342	integrin alpha 9(Itga9)	1.718521
AJ404616	fructosamine 3 kinase(Fn3k)	1.920171
AK002226	Ly6/Plaur domain containing 2(Ly6d2)	1.701963
AK002346	caspase recruitment domain family, member 11(Card11)	2.150704
AK002462	succinate dehydrogenase complex assembly factor 1(Sdhaf1)	1.602065
AK002584	homogentisate 1, 2-dioxygenase(Hgd)	1.948924
AK002663	RIKEN cDNA 0610025J13 gene(0610025J13Rik)	1.731204
AK002706	zinc finger protein 414(Zfp414)	1.602463
AK002936	iron-sulfur cluster assembly 2(Isca2)	1.784313
AK002958	glutamate receptor, metabotropic 3(Grm3)	1.557527
AK003088	carboxypeptidase A1, pancreatic(Cpa1)	1.506056
AK003201	transmembrane protein 126B(Tmem126b)	1.832918
AK003211	collagen, type VI, alpha 4(Col6a4)	1.814788
AK003230	phosphatidylinositol 3-kinase, catalytic, beta polypeptide(Pik3cb)	1.726165
AK003741	PDZ domain containing RING finger 4(Pdzrn4)	1.583884
AK003802	timeless interacting protein(Tipin)	1.640504
AK003823	carboxypeptidase A4(Cpa4)	1.908478
AK003881	ubiquinol-cytochrome c reductase, complex III subunit X(Uqcr10)	1.718048
AK003919	trans-acting transcription factor 6(Sp6)	1.671689
AK003950	leucine rich adaptor protein 1-like(Lurap1l)	1.554121
AK004000	ring finger protein 166(Rnf166)	1.585488
AK004132	prolyl 3-hydroxylase family member 4 (non-enzymatic)(P3h4)	1.861352
AK004146	ras responsive element binding protein 1(Rreb1)	1.74663
AK004173	tRNA methyltransferase 61B(Trmt61b)	1.533855
AK004374	RIKEN cDNA 1110065H08 gene(1110065H08Rik)	1.528485
AK004394	LRRN4 C-terminal like(Lrrn4cl)	2.24744
AK004402	inhibitor of kappa light polypeptide enhancer in B cells, kinase complex-associated protein(Ikbpap)	1.647603
AK004559	copine VIII(Cpne8)	1.546938
AK004641	RNA binding motif protein 7(Rbm7)	2.500385
AK004755	dimethylglycine dehydrogenase precursor(Dmgdh)	1.918071
AK004794	MAM domain containing 2(Mamdc2)	2.145328
AK004823	jade family PHD finger 2(Jade2)	1.509046
AK004912	dual specificity phosphatase 23(Dusp23)	2.203791
AK005035	RIKEN cDNA 1300017J02 gene(1300017J02Rik)	1.796511
AK005085	serine/arginine repetitive matrix 4(Srrm4)	1.857475
AK005134	fumarylacetoacetate hydrolase domain containing 2A(Fahd2a)	1.538539
AK005139	1-acylglycerol-3-phosphate O-acyltransferase (lysophosphatidic acid acyltransferase, delta)(Agpat4)	2.106024
AK005182	solute carrier family 35, member F2(Slc35f2)	1.61886

AK005229	mitochondrial ribosomal protein S28(Mrps28)	1.695021
AK005260	sympleskin(Sympk)	1.585364
AK005500	fibronectin type III domain containing 3B(Fndc3b)	2.183732
AK005643	RIKEN cDNA 1700003I22 gene(1700003I22Rik)	2.789772
AK005650	cilia and flagella associated protein 206(Cfap206)	1.640501
AK005676	RIKEN cDNA 1700006H20 gene(1700006H20Rik)	4.125787
AK005693	RIKEN cDNA 1700007B14 gene(1700007B14Rik)	2.267079
AK005726	RIKEN cDNA 4930522H14 gene(4930522H14Rik)	1.539103
AK005727	RIKEN cDNA 1700007J24 gene(1700007J24Rik)	2.130732
AK005734	IQ motif containing F5(lqcf5)	1.621547
AK005775	ankyrin repeat domain 36(Ankrd36)	2.335693
AK005883	outer dense fiber of sperm tails 3(Odf3)	2.011179
AK005887	solute carrier family 38, member 4(Slc38a4)	1.555128
AK005944	arrestin domain containing 5(Arrdc5)	1.769347
AK005951	mediator complex subunit 9, opposite strand(Med9os)	1.930905
AK005964	RIKEN cDNA 1700013M08 gene(1700013M08Rik)	1.705913
AK005990	RIKEN cDNA 1700015E13 gene(1700015E13Rik)	1.554604
AK006032	RIKEN cDNA 1700016H03 gene(1700016H03Rik)	1.977317
AK006048	maestro heat-like repeat family member 4(Mroh4)	2.784754
AK006143	family with sequence similarity 187, member B(Fam187b)	1.599531
AK006229	family with sequence similarity 71, member E1(Fam71e1)	2.067917
AK006235	RIKEN cDNA 1700022C07 gene(1700022C07Rik)	1.612571
AK006275	BTB (POZ) domain containing 9(Btbd9)	1.792669
AK006325	RIKEN cDNA 1700025C18 gene(1700025C18Rik)	1.872216
AK006349	zinc finger protein 169(Zfp169)	1.627059
AK006376	RIKEN cDNA 1700026D11 gene(1700026D11Rik)	1.893852
AK006410	spermatogenesis and centriole associated 1 like(Spatc1l)	1.861986
AK006451	RIKEN cDNA 1700028D13 gene(1700028D13Rik)	2.530145
AK006454	RIKEN cDNA 1700028E10 gene(1700028E10Rik)	1.624613
AK006500	RIKEN cDNA 1700029J03 gene(1700029J03Rik)	1.866827
AK006511	DPY30 domain containing 1(Dydc1)	2.219303
AK006525	islet cell autoantigen 1-like(lca1l)	1.652432
AK006539	RIKEN cDNA 1700088E04 gene(1700088E04Rik)	1.592139
AK006620	RIKEN cDNA 1700037F03 gene(1700037F03Rik)	1.836786
AK006658	protease-associated domain containing 1(Pradc1)	2.120415
AK006681	RIKEN cDNA 1700042D02 gene(1700042D02Rik)	1.648875
AK006768	No data	1.642216
AK006833	RIKEN cDNA 1700058M10 gene(1700058M10Rik)	1.541211
AK006845	RIKEN cDNA 1700055K11 gene(1700055K11Rik)	1.794847
AK006867	heat shock protein 12A(Hspa12a)	1.54721
AK006889	RIKEN cDNA 1700065D16 gene(1700065D16Rik)	2.276044

AK006929	claudin domain containing 2(Cldnd2)	1.535897
AK006948	RIKEN cDNA 1700074I03 gene(1700074I03Rik)	1.532991
AK006955	RIKEN cDNA 1700080G11 gene(1700080G11Rik)	1.808929
AK006961	RIKEN cDNA 1700081B01 gene(1700081B01Rik)	1.619328
AK007010	antizyme inhibitor 1(Azin1)	2.181233
AK007031	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 3, opposite strand(St8sia3os)	2.03261
AK007167	tubulin tyrosine ligase-like family, member 13(Ttll13)	1.726441
AK007211	RIKEN cDNA 1700120C18 gene(1700120C18Rik)	1.502819
AK007281	RIKEN cDNA 1700125H20 gene(1700125H20Rik)	2.509887
AK007311	RIKEN cDNA 1700128I11 gene(1700128I11Rik)	3.078571
AK007323	required for meiotic nuclear division 1 homolog(Rmnd1)	2.119015
AK007329	THAP domain containing 7(Thap7)	1.547505
AK007484	autophagy related 7(Atg7)	1.56354
AK007491	EBNA1 binding protein 2(Ebna1bp2)	2.503531
AK007710	gasdermin D(Gsdmd)	1.901085
AK007903	RIKEN cDNA 1810059C17 gene(1810059C17Rik)	1.846011
AK007933	RIKEN cDNA 1810062G17 gene(1810062G17Rik)	1.74293
AK007956	RIKEN cDNA 1810065E05 gene(1810065E05Rik)	1.82405
AK008234	glucosaminyl (N-acetyl) transferase 3, mucin type(Gcnt3)	3.163266
AK008384	RIKEN cDNA 2010110K18 gene(2010110K18Rik)	1.532156
AK008458	Hermansky-Pudlak syndrome 4(Hps4)	1.892595
AK008485	RIKEN cDNA 2010300C02 gene(2010300C02Rik)	1.710668
AK008596	RIKEN cDNA 2010320M18 gene(2010320M18Rik)	2.007688
AK008699	major facilitator superfamily domain containing 6(Mfsd6)	2.159158
AK008793	cytidine deaminase(Cda)	1.698038
AK008817	RUN and SH3 domain containing 1(Rusc1)	1.51645
AK008937	RIKEN cDNA 2210415C06 gene(2210415C06Rik)	1.927746
AK008974	lipase, family member N(Lipn)	1.78363
AK009282	LY6/PLAUR domain containing 6B(Lypd6b)	1.633243
AK009341	transmembrane protein 110(Tmem110)	2.206224
AK009366	RIKEN cDNA 2310015K22 gene(2310015K22Rik)	1.515712
AK009370	coiled-coil domain containing 90B(Ccdc90b)	1.580515
AK009547	NADH dehydrogenase (ubiquinone) complex I, assembly factor 6(Ndufaf6)	1.977428
AK009550	family with sequence similarity 89, member A(Fam89a)	2.148088
AK010077	ARP1 actin-related protein 1B, contractin beta(Actr1b)	1.576766
AK010104	RIKEN cDNA 2310068C19 gene(2310068C19Rik)	2.070775
AK010322	RNA pseudouridylate synthase domain containing 4(Rpusd4)	1.837925
AK010447	SET and MYND domain containing 3(Smyd3)	2.069024
AK010586	RIKEN cDNA 2410024N13 gene(2410024N13Rik)	1.665654

AK010692	ribosomal protein L35A(Rpl35a)	1.642842
AK010715	histone aminotransferase 1(Hat1)	2.520901
AK010752	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex assembly factor 7(Ndufaf7)	2.418831
AK010807	PHD finger protein 12(Phf12)	1.623137
AK010925	transforming growth factor beta regulated gene 1(Tbrg1)	1.953464
AK011086	proline-rich Gla (G-carboxyglutamic acid) polypeptide 2(Prrg2)	2.189775
AK011092	RIKEN cDNA 2510042H12 gene(2510042H12Rik)	1.833077
AK011186	coiled-coil domain containing 9(Ccdc9)	1.585087
AK011234	HIV TAT specific factor 1(Htatsf1)	2.027345
AK011240	transmembrane protein 88(Tmem88)	1.640749
AK011292	RIKEN cDNA 2610002J23 gene(2610002J23Rik)	1.567167
AK011527	RIKEN cDNA 2610024D14 gene(2610024D14Rik)	2.387056
AK011538	RIKEN cDNA 2610024L02 gene(2610024L02Rik)	2.146452
AK011565	RIKEN cDNA 2610027F03 gene(2610027F03Rik)	1.8372
AK011672	PDZ and pleckstrin homology domains 1(Pdzph1)	1.574424
AK011747	mahogunin, ring finger 1(Mgrn1)	2.548445
AK011762	phosphatidylinositol glycan anchor biosynthesis, class W(Pigw)	1.958822
AK011879	ATPase family, AAA domain containing 3A, opposite strand(Atad3aos)	1.574329
AK011892	phospholipase C, delta 3(Plcd3)	1.514564
AK011901	tripartite motif-containing 71(Trim71)	1.634376
AK011967	lysophosphatidic acid receptor 6(Lpar6)	2.443774
AK011986	zinc finger protein 979(Zfp979)	1.792253
AK012008	RIKEN cDNA 2610311E24 gene(2610311E24Rik)	1.519732
AK012019	N-6 adenine-specific DNA methyltransferase 1 (putative)(N6amt1)	2.155951
AK012020	RIKEN cDNA 1700003G18 gene(1700003G18Rik)	1.685568
AK012046	kelch-like 22(Klhl22)	1.744652
AK012110	lipin 2(Lpin2)	2.199863
AK012143	mitochondrial ribosomal protein L55(Mrpl55)	1.548675
AK012160	heterogeneous nuclear ribonucleoprotein R(Hnrnpr)	1.80309
AK012172	coiled-coil domain containing 25(Ccdc25)	1.973264
AK012199	zinc finger, HIT domain containing 1(Znhit1)	1.616048
AK012213	aldehyde dehydrogenase 1 family, member B1(Aldh1b1)	1.559737
AK012262	CKLF-like MARVEL transmembrane domain containing 8(Cmtm8)	1.577835
AK012330	terminal uridylyl transferase 1, U6 snRNA-specific(Tut1)	1.626376
AK012436	adenylate cyclase 7(Adcy7)	2.34876
AK012506	RIKEN cDNA 2700069I18 gene(2700069I18Rik)	1.837801

AK012547	structural maintenance of chromosomes 2, opposite strand(Smc2os)	1.631048
AK012608	cutA divalent cation tolerance homolog(Cuta)	1.698536
AK012668	tripartite motif-containing 37(Trim37)	1.829118
AK012700	DNA segment, Chr 3, ERATO Doi 751, expressed(D3Ertd751e)	1.954114
AK012724	family with sequence similarity 53, member C(Fam53c)	1.660017
AK012903	mediator complex subunit 18(Med18)	1.579772
AK012938	transmembrane protein 107(Tmem107)	3.479813
AK012940	exocyst complex component 3(Exoc3)	1.915673
AK013021	RIKEN cDNA 2810407A14 gene(2810407A14Rik)	1.932619
AK013039	zinc finger protein 746(Zfp746)	1.894496
AK013202	transcriptional regulator, SIN3B (yeast)(Sin3b)	2.550369
AK013206	poly (ADP-ribose) polymerase family, member 8(Parp8)	1.505219
AK013297	diphthamine biosynthesis 7(Dph7)	1.794572
AK013368	tetratricopeptide repeat domain 19(Ttc19)	1.564588
AK013478	rabphilin 3A(Rph3a)	1.663827
AK013551	RIKEN cDNA 2900018K06 gene(2900018K06Rik)	1.75814
AK013628	RIKEN cDNA 2900040J22 gene(2900040J22Rik)	1.613934
AK013649	SET domain containing 5(Setd5)	1.923265
AK013743	RIKEN cDNA 2900063K03 gene(2900063K03Rik)	1.707675
AK013816	RIKEN cDNA 2900084C01 gene(2900084C01Rik)	2.21492
AK013860	T cell lymphoma invasion and metastasis 2(Tiam2)	2.541238
AK014112	refilin A(Rflna)	1.562733
AK014221	BMP-binding endothelial regulator(Bmper)	1.680242
AK014260	nucleoporin 54(Nup54)	1.623253
AK014270	patched domain containing 4(Ptchd4)	1.890689
AK014355	No data	1.532901
AK014427	NIPA-like domain containing 1(Nipal1)	1.840884
AK014598	peroxisomal biogenesis factor 26(Pex26)	1.676366
AK014727	RIKEN cDNA 4833419G08 gene(4833419G08Rik)	1.855328
AK014804	RNA pseudouridylate synthase domain containing 2(Rpusd2)	1.568187
AK014807	purinergic receptor P2Y, G-protein coupled 12(P2ry12)	1.706893
AK014809	solute carrier family 22 (organic cation transporter), member 16(Slc22a16)	2.09863
AK014814	RIKEN cDNA 4921504P05 gene(4921504P05Rik)	1.666604
AK014834	thioesterase superfamily member 4(Them4)	1.980989
AK014841	solute carrier family 36 (proton/amino acid symporter), member 1, opposite strand(Slc36a1os)	1.510822
AK014863	von Willebrand factor A domain containing 3B(Vwa3b)	1.811757
AK014907	RIKEN cDNA 4921517D16 gene(4921517D16Rik)	1.588234
AK014913	speckle-type POZ protein-like(Spopl)	1.61146

AK015031	RIKEN cDNA 4930401C12 gene(4930401C12Rik)	1.652309
AK015047	RIKEN cDNA 4930402F06 gene(4930402F06Rik)	1.942398
AK015074	3-phosphoglycerate dehydrogenase pseudogene(Gm8096)	1.800275
AK015093	RIKEN cDNA 4930405D01 gene(4930405D01Rik)	1.879857
AK015127	RIKEN cDNA 4930413E15 gene(4930413E15Rik)	1.725197
AK015155	RIKEN cDNA 4930415O20 gene(4930415O20Rik)	1.743582
AK015184	RIKEN cDNA 4930422N03 gene(4930422N03Rik)	1.734819
AK015186	RIKEN cDNA 4930423C22 gene(4930423C22Rik)	1.839592
AK015262	adenylate cyclase 10(Adcy10)	1.821015
AK015294	RIKEN cDNA 4930432L08 gene(4930432L08Rik)	1.693769
AK015340	complement component 8, beta polypeptide(C8b)	1.524772
AK015604	RIKEN cDNA 4930481A15 gene(4930481A15Rik)	2.408826
AK015616	RIKEN cDNA 4930483K19 gene(4930483K19Rik)	1.866562
AK015635	RIKEN cDNA 4930486L24 gene(4930486L24Rik)	2.411066
AK015655	zinc finger protein 184 (Kruppel-like)(Zfp184)	2.045468
AK015748	RIKEN cDNA 4930511C11 gene(4930511C11Rik)	1.71293
AK015787	RIKEN cDNA 4930513N24 gene(4930513N24Rik)	1.650562
AK015932	RIKEN cDNA 4930529F21 gene(4930529F21Rik)	1.614403
AK015940	RIKEN cDNA 4930529N20 gene(4930529N20Rik)	2.040532
AK016115	RIKEN cDNA 4930554C24 gene(4930554C24Rik)	1.558116
AK016120	RIKEN cDNA 4930554I06 gene(4930554I06Rik)	1.547433
AK016125	bol, boule-like (Drosophila)(Boll)	1.851724
AK016149	RIKEN cDNA 4930556L07 gene(4930556L07Rik)	1.82175
AK016210	RIKEN cDNA 4930563M21 gene(4930563M21Rik)	2.309248
AK016308	RIKEN cDNA 4930578M07 gene(4930578M07Rik)	1.725469
AK016340	glutathione S-transferase, theta 4(Gstt4)	1.503513
AK016353	IQ motif containing with AAA domain(Iqca)	1.580806
AK016359	ADP-ribosylation factor-like 5B(Arl5b)	1.542676
AK016419	SMC hinge domain containing 1(Smchd1)	1.787736
AK016461	Fancd2 opposite strand(Fancd2os)	2.06442
AK016488	RIKEN cDNA 4931429L15 gene(4931429L15Rik)	2.362828
AK016530	regulatory associated protein of MTOR, complex 1(Rptor)	1.794909
AK016532	exocyst complex component 2(Exoc2)	1.539554
AK016546	dipeptidylpeptidase 8(Dpp8)	1.656848
AK016553	heat shock transcription factor 2 binding protein(Hsf2bp)	1.673152
AK016591	potassium large conductance calcium-activated channel, subfamily M, beta member 4, opposite strand 2(Kcnmb4os2)	1.750693
AK016596	No data	2.140875
AK016634	leucine-rich repeats and IQ motif containing 3(Lrriq3)	1.838038
AK016640	tousled-like kinase 2 (Arabidopsis)(Tlk2)	2.238412
AK016657	tetratricopeptide repeat domain 25(Ttc25)	2.200291

AK016659	sphingomyelin synthase 2(Sgms2)	1.527716
AK016685	prolyl 4-hydroxylase, transmembrane (endoplasmic reticulum)(P4htm)	2.27391
AK016708	zinc finger, X-linked, duplicated B(Zxdb)	1.590938
AK016728	RIKEN cDNA 4933407K13 gene(4933407K13Rik)	1.808216
AK016769	RIKEN cDNA 4933411E08 gene(4933411E08Rik)	1.529111
AK016772	ubiquitin specific peptidase 46, opposite strand 2(Usp46os2)	1.562587
AK016811	NOL1/NOP2/Sun domain family member 6(Nsun6)	2.299795
AK016833	RIKEN cDNA 4933416I08 gene(4933416I08Rik)	1.779234
AK016850	golgi autoantigen, golgin subfamily a, 7B(Golga7b)	3.07309
AK016892	RIKEN cDNA 4933424G05 gene(4933424G05Rik)	2.055432
AK016978	No data	2.280411
AK016990	basic leucine zipper transcription factor, ATF-like 2(Batf2)	1.779355
AK017007	leucine rich repeat containing 2(Lrrc2)	1.586057
AK017087	carboxypeptidase, vitellogenic-like(Cpvl)	2.006278
AK017132	RIKEN cDNA 4930593A02 gene(4930593A02Rik)	1.81949
AK017133	RIKEN cDNA 4933440J02 gene(4933440J02Rik)	1.564027
AK017145	solute carrier family 38, member 2(Slc38a2)	1.640589
AK017147	RIKEN cDNA 5033403F01 gene(5033403F01Rik)	2.46563
AK017226	mitochondrial fission factor(Mff)	1.568341
AK017304	BPI fold containing family B, member 9B(Bpifb9b)	1.936836
AK017436	bobby sox homolog (Drosophila)(Bbx)	1.926974
AK017459	RIKEN cDNA 5530601H04 gene(5530601H04Rik)	1.519419
AK017569	PCF11 cleavage and polyadenylation factor subunit(Pcf11)	2.013857
AK017598	glutaminy-peptide cyclotransferase (glutaminy cyclase)(Qpct)	2.139795
AK017627	tubulin polyglutamylase complex subunit 2(Tpgs2)	1.692787
AK017664	phosphoribosyl pyrophosphate amidotransferase(Ppat)	1.726607
AK017676	RIKEN cDNA 5730460C07 gene(5730460C07Rik)	1.58776
AK017706	RIKEN cDNA 5730480H06 gene(5730480H06Rik)	1.7586
AK017782	RIKEN cDNA 5730521K06 gene(5730521K06Rik)	1.731332
AK017801	biphenyl hydrolase-like (serine hydrolase, breast epithelial mucin-associated antigen)(Bphl)	3.339256
AK018010	RIKEN cDNA 5830454E08 gene(5830454E08Rik)	2.271344
AK018042	RIKEN cDNA 5830468F06 gene(5830468F06Rik)	1.705952
AK018074	RIKEN cDNA 6230400D17 gene(6230400D17Rik)	1.500626
AK018079	zinc finger protein 444(Zfp444)	1.835987
AK018107	RIKEN cDNA 6330403L08 gene(6330403L08Rik)	1.652525
AK018113	angiopoietin-like 6(Angptl6)	1.976758
AK018149	nitric oxide synthase 1 (neuronal) adaptor protein(Nos1ap)	2.115101
AK018196	microphthalmia-associated transcription factor(Mitf)	1.852908
AK018276	RIKEN cDNA 6430411K18 gen(6430411K18Rik)	1.578977

AK018287	No data	1.629553
AK018303	RIKEN cDNA 6430710M23 gene(6430710M23Rik)	1.589828
AK018322	renalase, FAD-dependent amine oxidase(Rnls)	1.904872
AK018417	RIKEN cDNA 8430408J09 gene(8430408J09Rik)	1.889705
AK018454	RIKEN cDNA 8430434A19 gene(8430434A19Rik)	2.007445
AK018513	RIKEN cDNA 9030417H13 gene(9030417H13Rik)	1.790459
AK018521	RIKEN cDNA 9030420N05 gene(9030420N05Rik)	2.051018
AK018547	RIKEN cDNA 9030612E09 gene(9030612E09Rik)	1.705947
AK018600	RIKEN cDNA 9130007G19 gene(9130007G19Rik)	2.174445
AK018606	SUMO/sentrin specific peptidase 8(Senp8)	1.641247
AK018607	RIKEN cDNA 9130011E15 gene(9130011E15Rik)	1.670512
AK018667	RIKEN cDNA 9130410C08 gene(9130410C08Rik)	1.731488
AK018888	WAP four-disulfide core domain 15A(Wfdc15a)	2.219984
AK018971	RIKEN cDNA 1700121C08 gene(1700121C08Rik)	3.389349
AK019148	ski sarcoma viral oncogene homolog (avian)(Ski)	1.568621
AK019167	coiled-coil domain containing 88B(Ccdc88b)	2.180522
AK019313	RIKEN cDNA 2900011L18 gene(2900011L18Rik)	1.8648
AK019376	potassium channel, subfamily K, member 10(Kcnk10)	2.149488
AK019450	protein tyrosine phosphatase, receptor type, B(Ptprb)	1.55205
AK019469	neurexophilin and PC-esterase domain family, member 2(Nxpe2)	1.599703
AK019493	No data	1.734328
AK019516	CAP-GLY domain containing linker protein family, member 4(Clip4)	1.515611
AK019652	RIKEN cDNA 2410141K09 gene(2410141K09Rik)	1.667285
AK019707	RIKEN cDNA 4930528H21 gene(4930528H21Rik)	1.664331
AK019735	SPHK1 interactor, AKAP domain containing(Sphkap)	2.017763
AK019736	RIKEN cDNA 4930544I03 gene(4930544I03Rik)	2.649876
AK019744	RIKEN cDNA 4930546C10 gene(4930546C10Rik)	2.706262
AK019839	G1 to S phase transition pseudogene(4930594C11Rik)	1.73064
AK019863	small nuclear RNA activating complex, polypeptide 3(Snpsc3)	2.494937
AK019969	myosin, heavy polypeptide 10, non-muscle(Myh10)	1.512444
AK020001	purinergic receptor P2Y, G-protein coupled 10(P2ry10)	1.965938
AK020007	RAB GTPase activating protein 1-like(Rabgap1l)	1.814153
AK020100	G elongation factor, mitochondrial 2(Gfm2)	2.476815
AK020102	ATR interacting protein(Atrip)	1.644727
AK020166	RIKEN cDNA 4930426I24 gene(4930426I24Rik)	1.793149
AK020176	RIKEN cDNA 6720490N10 gene(6720490N10Rik)	1.928417
AK020193	RIKEN cDNA 8030411F24 gene(8030411F24Rik)	1.57194
AK020204	RIKEN cDNA 8030450C14 gene(8030450C14Rik)	1.634209
AK020221	RIKEN cDNA 8030488J09 gene(8030488J09Rik)	2.099087

AK020239	RIKEN cDNA 8530402H02 gene(8530402H02Rik)	1.538948
AK020250	synaptopodin(Synpo)	1.815358
AK020251	RIKEN cDNA 9030218A15 gene(9030218A15Rik)	1.861787
AK020281	membrane bound O-acyltransferase domain containing 1(Mboat1)	1.613789
AK020289	RIKEN cDNA 9130230N09 gene(9130230N09Rik)	1.896663
AK020324	binder of sperm protein homolog 2(Bsph2)	1.579963
AK020388	RIKEN cDNA 9330179D12 gene(9330179D12Rik)	2.111236
AK020389	lipoma HMGIC fusion partner-like 5(Lhfp15)	1.851237
AK020453	RIKEN cDNA 9430032J07 gene(9430032J07Rik)	1.702941
AK020456	RIKEN cDNA 9430034F23 gene(9430034F23Rik)	2.512523
AK020479	RIKEN cDNA 9430068D22 gene(9430068D22Rik)	1.744012
AK020480	RIKEN cDNA 9430069I07 gene(9430069I07Rik)	1.808142
AK020531	RIKEN cDNA 9430099N05 gene(9430099N05Rik)	2.344275
AK020585	RIKEN cDNA 9530034D02 gene(9530034D02Rik)	1.626899
AK020591	ArfGAP with coiled-coil, ankyrin repeat and PH domains 2(Acap2)	1.585477
AK020592	RIKEN cDNA 9530039L23 gene(9530039L23Rik)	2.188423
AK020606	epsin 2(Epn2)	1.614815
AK020667	helicase with zinc finger domain(Helz)	2.07603
AK020737	DC-STAMP domain containing 1(Dcst1)	1.611503
AK020764	Mir142 host gene (non-protein coding)(Mir142hg)	1.53494
AK020777	coiled coil domain containing 88A(Ccdc88a)	1.995913
AK020810	cDNA sequence BC065403(BC065403)	1.505533
AK020837	Src-like-adaptor 2(Sla2)	1.523799
AK020893	RIKEN cDNA A930026I22 gene(A930026I22Rik)	1.76912
AK020949	RIKEN cDNA A930041D05 gene(A930041D05Rik)	1.609226
AK020989	Ftx transcript, Xist regulator (non-protein coding)(Ftx)	1.517592
AK021005	AT rich interactive domain 1B (SWI-like)(Arid1b)	1.613678
AK021036	RIKEN cDNA C030001C17 gene(C030001C17Rik)	1.578658
AK021053	RIKEN cDNA C030007D22 gene(C030007D22Rik)	1.973215
AK021221	pyroglutamyl-peptidase I-like(Pgpep1l)	1.865782
AK021268	RIKEN cDNA 1110065P20 gene(1110065P20Rik)	1.789182
AK021312	RIKEN cDNA D530039A21 gene(D530039A21Rik)	1.725407
AK021369	male-specific lethal 2 homolog (Drosophila)(Msl2)	1.618942
AK021377	RIKEN cDNA 9430065F17 gene(9430065F17Rik)	1.619696
AK021378	RIKEN cDNA E130111B04 gene(E130111B04Rik)	1.612976
AL355704	high mobility group 20A(Hmg20a)	1.582934
AL355705	high mobility group 20A(Hmg20a)	1.984422
AL365329	No data	1.820902
BC002127	No data	1.605697
BC003203	coiled-coil domain containing 117(Ccdc117)	2.344656

BC003255	MAP-kinase activating death domain(Madd)	1.813066
BC003286	ankyrin repeat domain 13a(Ankrd13a)	1.673964
BC003852	CDP-diacylglycerol synthase (phosphatidate cytidyltransferase) 2(Cds2)	1.515036
BC003937	erythrocyte membrane protein band 4.1 like 5(Epb41I5)	1.800033
BC003996	multiple coagulation factor deficiency 2(Mcfd2)	1.955501
BC004055	supervillin(Svil)	1.882634
BC004721	ELL associated factor 2(Eaf2)	1.597402
BC004736	mitochondrial ribosomal protein L24(Mrpl24)	2.419655
BC004783	grainyhead-like 2 (Drosophila)(Grhl2)	2.250955
BC004827	phosphoserine aminotransferase 1(Psat1)	1.763433
BC005529	Ras and Rab interactor 2(Rin2)	1.513008
BC005576	ankyrin repeat domain 11(Ankrd11)	1.685155
BC005603	TATA-box binding protein associated factor 11(Taf11)	1.913716
BC005625	mitochondrial rRNA methyltransferase 1(Mrm1)	2.249159
BC005716	acylpeptide hydrolase(Apeh)	1.541698
BC005766	SEC14-like lipid binding 1(Sec14I1)	1.647472
BC005799	DEP domain containing 1a(Depdc1a)	2.386161
BC006582	protein tyrosine phosphatase, non-receptor type 23(Ptpn23)	2.263457
BC006843	DEAD (Asp-Glu-Ala-Asp) box polypeptide 47(Ddx47)	1.570019
BC006865	protein disulfide isomerase associated 6(Pdia6)	1.879524
BC006877	leucine rich repeat containing 59(Lrrc59)	1.964232
BC006938	phosphatidylinositol glycan anchor biosynthesis, class C(Pigc)	1.692914
BC007476	zinc finger protein 790(Zfp790)	1.751752
BC008110	SH3 domain binding glutamic acid-rich protein-like 3(Sh3bgrl3)	2.184554
BC008527	phosphoglucomutase 2(Pgm2)	1.59054
BC009090	tumor necrosis factor, alpha-induced protein 8(Tnfaip8)	1.892168
BC009147	DEAH (Asp-Glu-Ala-His) box polypeptide 16(Dhx16)	2.07375
BC009156	rho/rac guanine nucleotide exchange factor (GEF) 18(Arhgef18)	1.519715
BC010583	mannoside acetylglucosaminyltransferase 2(Mgat2)	1.720976
BC010717	lysine (K)-specific demethylase 5A(Kdm5a)	2.127603
BC011093	inositol (myo)-1(or 4)-monophosphatase 2(Impa2)	1.589934
BC011108	solute carrier family 41, member 3(Slc41a3)	1.993922
BC011135	kelch domain containing 8A(Klhdc8a)	1.806027
BC011147	small nuclear RNA activating complex, polypeptide 2(Snpsc2)	1.858112
BC011248	ribosomal RNA processing 36 homolog (S. cerevisiae)(Rrp36)	1.649377
BC011338	baculoviral IAP repeat-containing 3(Birc3)	1.784731
BC012229	capping protein regulator and myosin 1 linker 1(Carmil1)	1.594939
BC012311	No data	2.214027
BC012312	kelch domain containing 4(Klhdc4)	1.972101
BC012520	pantothenate kinase 4(Pank4)	1.866528

BC012871	phosphatase and actin regulator 2(Phactr2)	1.610097
BC013096	mediator complex subunit 6(Med6)	1.635592
BC013481	RNA binding motif protein 47(Rbm47)	1.507113
BC013508	mitotic spindle positioning(Misp)	1.672109
BC013813	integrator complex subunit 4(Ints4)	1.670395
BC014734	EPS8-like 3(Eps8l3)	1.55749
BC014763	far upstream element (FUSE) binding protein 1(Fubp1)	1.762122
BC014765	integrin alpha 1(Itga1)	1.537478
BC014817	proline-rich coiled-coil 1(Prrc1)	1.523335
BC014819	fibroblast growth factor receptor substrate 3(Frs3)	1.784487
BC043938	small nuclear ribonucleoprotein 70 (U1)(Snrnp70)	1.538498
BF140573	No data	1.998815
BF169118	No data	1.695711
BF233577	No data	1.514537
BQ956705	No data	1.881053
D00622	low density lipoprotein receptor-related protein associated protein 1(Lrpap1)	1.603038
D12729	No data	1.795692
D13905	protein tyrosine phosphatase, receptor type, D(Ptprd)	2.160925
D16599	No data	1.921769
D29770	No data	1.537724
D29922	No data	1.86107
D29937	No data	2.579475
D37791	WD repeat and FYVE domain containing 3(Wdfy3)	2.082103
D44443	cDNA sequence BC005685(BC005685)	1.915222
D86423	keratin associated protein 8-1(Krtap8-1)	1.658642
J02935	protein kinase, cAMP dependent regulatory, type II alpha(Prkar2a)	1.721185
J04576	No data	1.518927
K02782	complement component 3(C3)	1.61805
L00653	tryptase alpha/beta 1(Tpsab1)	2.673875
L08993	No data	1.588128
L09001	No data	1.609782
L10896	paternally expressed 3(Peg3)	1.68196
L10906	DAZ associated protein 2(Dazap2)	2.81924
L14361	No data	2.023391
L17076	hnRNP-associated with lethal yellow(Raly)	3.102477
L17334	gamma-glutamyltransferase 1(Ggt1)	2.444315
L19564	solute carrier family 6 (neurotransmitter transporter, noradrenalin), member 2(Slc6a2)	1.505378
L20331	adenosine A3 receptor(Adora3)	2.095162

L20336	dopamine receptor D1(Drd1)	1.529291
L21018	immunoglobulin heavy chain (V7183 family)(Igh-V7183)	1.56511
L21707	receptor-like tyrosine kinase(Ryk)	2.321648
L22571	No data	1.82272
L23316	G-protein signalling modulator 1 (AGS3-like, C. elegans)(Gpsm1)	1.628258
L25761	Eph receptor B4(Ephb4)	2.628439
L36179	sodium channel, voltage-gated, type VII, alpha(Scn7a)	2.763304
L37413	No data	1.563352
M11897	predicted gene 4736(Gm4736)	3.072636
M12236	No data	1.601787
M12309	No data	1.684709
M12449	No data	2.072243
M15525	laminin B1(Lamb1)	1.948451
M18500	Ig heavy chain Mem5-like(LOC641025)	2.056975
M23109	coagulation factor IX(F9)	1.853308
M25487	histone cluster 1, H2bp(Hist1h2bp)	2.431603
M25575	No data	1.877651
M26156	No data	1.818939
M26986	No data	2.017906
M27020	No data	1.625259
M29018	No data	1.62333
M30425	No data	1.529859
M31997	No data	1.575767
M32044	No data	1.684631
M32050	No data	1.715858
M35732	seminal vesicle secretory protein 4(Svs4)	2.239076
M37594	No data	1.913392
M38228	No data	2.269921
M55512	Wilms tumor 1 homolog(Wt1)	1.98723
M57975	calcium channel, voltage-dependent, L type, alpha 1D subunit(Cacna1d)	1.923917
M58500	No data	1.572098
M79304	RAB22A, member RAS oncogene family(Rab22a)	1.977736
M81747	No data	1.752315
M83741	pterin 4 alpha carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) 1(Pcbd1)	1.623216
M87848	No data	1.749029
M90088	No data	1.689026
M94292	No data	1.511319
NM_007398	adenosine deaminase(Ada)	1.518547
NM_007430	nuclear receptor subfamily 0, group B, member 1(Nr0b1)	1.826357

NM_007431	alkaline phosphatase, liver/bone/kidney(Alpl)	1.839053
NM_007443	alpha 1 microglobulin/bikunin(Ambp)	1.832626
NM_007508	ATPase, H+ transporting, lysosomal V1 subunit A(Atp6v1a)	1.889122
NM_007512	ATPase inhibitory factor 1(Atpif1)	1.871922
NM_007533	branched chain ketoacid dehydrogenase E1, alpha polypeptide(Bckdha)	1.702475
NM_007596	calcium modulating ligand(Caml)	1.636894
NM_007597	calnexin(Canx)	1.539048
NM_007601	calpain 3(Capn3)	1.626949
NM_007603	calpain 6(Capn6)	1.773347
NM_007611	caspase 7(Casp7)	2.004619
NM_007614	catenin (cadherin associated protein), beta 1(Ctnnb1)	2.397372
NM_007628	cyclin A1(Ccna1)	3.186238
NM_007637	chaperonin containing Tcp1, subunit 5 (epsilon)(Cct5)	1.855276
NM_007646	CD38 antigen(Cd38)	1.57315
NM_007652	CD59a antigen(Cd59a)	1.995299
NM_007656	CD82 antigen(Cd82)	2.101329
NM_007683	centromere protein C1(Cenpc1)	2.200081
NM_007688	cofilin 2, muscle(Cfl2)	1.82894
NM_007714	CDC like kinase 4(Clk4)	2.182973
NM_007752	ceruloplasmin(Cp)	1.671673
NM_007800	cathepsin G(Ctsg)	2.20658
NM_007828	death-associated protein kinase 3(Dapk3)	1.697535
NM_007832	deoxycytidine kinase(Dck)	1.531034
NM_007863	membrane protein, palmitoylated 3 (MAGUK p55 subfamily member 3)(Mpp3)	2.15014
NM_007877	dopamine receptor D3(Drd3)	1.922372
NM_007878	dopamine receptor D4(Drd4)	2.123212
NM_007931	endonuclease G(Endog)	2.315783
NM_007932	endoglin(Eng)	1.684085
NM_007955	protein tyrosine phosphatase, receptor type, V(Ptprv)	2.166039
NM_007974	coagulation factor II (thrombin) receptor-like 1(F2rl1)	1.88367
NM_008006	fibroblast growth factor 2(Fgf2)	1.899985
NM_008010	fibroblast growth factor receptor 3(Fgfr3)	2.416398
NM_008046	follistatin(Fst)	1.502631
NM_008049	ferritin light polypeptide 2, pseudogene(Ftl2-ps)	2.649893
NM_008060	alpha glucosidase 2 alpha neutral subunit(Ganab)	2.122502
NM_008077	glutamate decarboxylase 1(Gad1)	1.612967
NM_008104	glial cells missing homolog 2 (Drosophila)(Gcm2)	2.35633
NM_008126	gap junction protein, beta 3(Gjb3)	1.999003
NM_008158	G protein-coupled receptor 27(Gpr27)	1.930434

NM_008184	glutathione S-transferase, mu 6(Gstm6)	1.704034
NM_008193	guanylate kinase 1(Guk1)	1.595565
NM_008209	major histocompatibility complex, class I-related(Mr1)	1.692138
NM_008273	homeobox D11(Hoxd11)	1.813049
NM_008278	hydroxyprostaglandin dehydrogenase 15 (NAD)(Hpgd)	1.625139
NM_008285	histamine receptor H1(Hrh1)	1.740528
NM_008286	histamine receptor H2(Hrh2)	1.848636
NM_008322	No data	1.908616
NM_008365	interleukin 18 receptor 1(Il18r1)	1.687429
NM_008367	interleukin 2 receptor, alpha chain(Il2ra)	1.565626
NM_008446	kinesin family member 4(Kif4)	2.010629
NM_008450	kinesin light chain 1(Klc1)	1.797142
NM_008485	laminin, gamma 2(Lamc2)	2.067252
NM_008486	alanyl (membrane) aminopeptidase(Anpep)	2.198637
NM_008509	lipoprotein lipase(Lpl)	1.626608
NM_008512	low density lipoprotein receptor-related protein 1(Lrp1)	1.57919
NM_008518	lymphotoxin B(Ltb)	1.82549
NM_008575	transformed mouse 3T3 cell double minute 4(Mdm4)	1.604179
NM_008576	ATP-binding cassette, sub-family C (CFTR/MRP), member 1(Abcc1)	2.034145
NM_008581	melanoma antigen(Mela)	1.746404
NM_008606	matrix metalloproteinase 11(Mmp11)	1.720102
NM_008650	methylmalonyl-Coenzyme A mutase(Mut)	1.655082
NM_008662	myosin VI(Myo6)	2.089166
NM_008700	NK2 homeobox 5(Nkx2-5)	1.843501
NM_008713	nitric oxide synthase 3, endothelial cell(Nos3)	1.770976
NM_008716	notch 3(Notch3)	1.647156
NM_008719	neuronal PAS domain protein 2(Npas2)	2.267489
NM_008728	natriuretic peptide receptor 3(Npr3)	1.566378
NM_008734	neuregulin 3(Nrg3)	1.860072
NM_008747	neurotensin receptor 2(Ntsr2)	1.771543
NM_008803	phosphodiesterase 8A(Pde8a)	1.678793
NM_008845	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha(Pip4k2a)	1.900855
NM_008851	phosphatidylinositol transfer protein, membrane-associated 1(Pitpnm1)	2.437089
NM_008852	paired-like homeodomain transcription factor 3(Pitx3)	1.565917
NM_008888	paired-like homeobox 2b(Phox2b)	1.613061
NM_008910	protein phosphatase 1A, magnesium dependent, alpha isoform(Ppm1a)	1.536606
NM_008930	prolactin family 7, subfamily a, member 1(Pr17a1)	1.538832

NM_008933	protamine 2(Prm2)	1.689632
NM_008960	phosphatase and tensin homolog(Pten)	1.533047
NM_008971	twinfilin actin binding protein 1(Twf1)	2.380632
NM_008979	protein tyrosine phosphatase, non-receptor type 22 (lymphoid)(Ptpn22)	1.52712
NM_009004	kinesin family member 20A(Kif20a)	2.127217
NM_009006	mitogen-activated protein kinase kinase kinase kinase 2(Map4k2)	2.363725
NM_009027	RAS protein-specific guanine nucleotide-releasing factor 2(Rasgrf2)	1.526257
NM_009036	recombination signal binding protein for immunoglobulin kappa J region-like(Rbpjl)	1.685266
NM_009080	ribosomal protein L26(Rpl26)	2.366016
NM_009096	ribosomal protein S6(Rps6)	1.890904
NM_009097	ribosomal protein S6 kinase polypeptide 1(Rps6ka1)	1.889942
NM_009099	tripartite motif-containing 30A(Trim30a)	1.803083
NM_009150	selenium binding protein 1(Selenbp1)	1.793836
NM_009154	sema domain, seven thrombospondin repeats (type 1 and type 1-like), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 5A(Sema5a)	1.630657
NM_009159	serine/arginine-rich splicing factor 5(Srsf5)	2.460056
NM_009191	ClpB caseinolytic peptidase B(Clpb)	1.881915
NM_009204	solute carrier family 2 (facilitated glucose transporter), member 4(Slc2a4)	3.343217
NM_009208	solute carrier family 4 (anion exchanger), member 3(Slc4a3)	1.629402
NM_009223	stannin(Snn)	1.691962
NM_009237	SRY (sex determining region Y)-box 3(Sox3)	2.286288
NM_009241	sperm adhesion molecule 1(Spam1)	1.716028
NM_009269	serine palmitoyltransferase, long chain base subunit 1(Sptlc1)	2.347834
NM_009285	stanniocalcin 1(Stc1)	1.946907
NM_009298	surfeit gene 6(Surf6)	2.056893
NM_009301	seminal vesicle secretory protein 5(Svs5)	1.718575
NM_009314	tachykinin receptor 2(Tacr2)	2.311769
NM_009321	tubulin cofactor A(Tbca)	1.71243
NM_009329	zinc finger protein 354A(Zfp354a)	2.107155
NM_009330	HNF1 homeobox B(Hnf1b)	2.198898
NM_009334	transcription factor AP-2 beta(Tfap2b)	2.076316
NM_009343	PHD finger protein 1(Phf1)	1.609246
NM_009398	tumor necrosis factor alpha induced protein 6(Tnfaip6)	1.92552
NM_009399	tumor necrosis factor receptor superfamily, member 11a, NFKB activator(Tnfrsf11a)	1.575393
NM_009445	Ttk protein kinase(Ttk)	2.739018

NM_009464	uncoupling protein 3 (mitochondrial, proton carrier)(Ucp3)	1.879687
NM_009507	von Hippel-Lindau tumor suppressor(Vhl)	1.747769
NM_009517	zinc finger matrin type 3(Zmat3)	2.176854
NM_009536	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide(Ywhae)	2.002982
NM_009549	zinc finger protein 185(Zfp185)	1.507356
NM_009568	zinc finger protein 94(Zfp94)	2.379712
NM_009575	zinc finger protein of the cerebellum 3(Zic3)	1.672576
NM_009580	zona pellucida glycoprotein 1(Zp1)	1.950732
NM_009601	cholinergic receptor, nicotinic, beta polypeptide 1 (muscle)(Chrn1)	1.54564
NM_009604	cholinergic receptor, nicotinic, gamma polypeptide(Chrng)	1.659516
NM_009623	adenylate cyclase 8(Adcy8)	1.53337
NM_009634	adenylosuccinate lyase(Adsl)	1.826552
NM_009648	A kinase (PRKA) anchor protein 1(Akap1)	1.826734
NM_009681	adaptor-related protein complex 3, sigma 1 subunit(Ap3s1)	1.969213
NM_009717	neurogenic differentiation 6(Neurod6)	1.705327
NM_009748	Bet1 golgi vesicular membrane trafficking protein(Bet1)	1.816134
NM_009749	brain expressed X-linked 2(Bex2)	2.305713
NM_009808	caspase 12(Casp12)	1.533154
NM_009814	calsequestrin 2(Casq2)	1.870323
NM_009881	chromodomain protein, Y chromosome-like(Cdyl)	1.647726
NM_009933	collagen, type VI, alpha 1(Col6a1)	1.941449
NM_009947	copine VI(Cpne6)	1.559653
NM_009964	crystallin, alpha B(Cryab)	2.264399
NM_009967	crystallin, gamma S(Crygs)	2.716679
NM_009971	colony stimulating factor 3 (granulocyte)(Csf3)	1.765691
NM_009990	CAP-GLY domain containing linker protein 2(Clip2)	1.757295
NM_010066	DNA methyltransferase (cytosine-5) 1(Dnmt1)	1.659025
NM_010074	dipeptidylpeptidase 4(Dpp4)	1.658419
NM_010077	dopamine receptor D2(Drd2)	1.583792
NM_010109	ephrin A5(Efna5)	2.896646
NM_010186	Fc receptor, IgG, high affinity I(Fcgr1)	1.781812
NM_010188	Fc receptor, IgG, low affinity III(Fcgr3)	1.98628
NM_010195	leucine rich repeat containing G protein coupled receptor 5(Lgr5)	1.803167
NM_010213	four and a half LIM domains 3(Fhl3)	1.966904
NM_010254	galanin receptor 2(Galr2)	1.984149
NM_010289	gap junction protein, alpha 10(Gja10)	1.580231
NM_010294	glycerol kinase 2(Gk2)	1.612015
NM_010301	guanine nucleotide binding protein, alpha 11(Gna11)	2.122651
NM_010324	glutamic-oxaloacetic transaminase 1, soluble(Got1)	1.599395

NM_010338	G protein-coupled receptor 37(Gpr37)	1.776877
NM_010346	growth factor receptor bound protein 7(Grb7)	2.023178
NM_010347	amino-terminal enhancer of split(Aes)	2.478658
NM_010351	goosecoid homeobox(Gsc)	1.555732
NM_010354	No data	1.953727
NM_010407	hemopoietic cell kinase(Hck)	2.407049
NM_010508	interferon (alpha and beta) receptor 1(Ifnar1)	1.751429
NM_010564	inhibin alpha(Inha)	2.144804
NM_010572	insulin receptor substrate 4(Irs4)	1.972649
NM_010576	integrin alpha 4(Itga4)	2.598818
NM_010577	integrin alpha 5 (fibronectin receptor alpha)(Itga5)	2.136915
NM_010583	IL2 inducible T cell kinase(Itk)	2.70568
NM_010589	Janus kinase 3(Jak3)	1.690464
NM_010655	karyopherin (importin) alpha 2(Kpna2)	1.656507
NM_010666	keratin 27(Krt27)	1.58714
NM_010748	lysosomal trafficking regulator(Lyst)	1.691255
NM_010754	SMAD family member 2(Smad2)	1.569598
NM_010756	v-maf musculoaponeurotic fibrosarcoma oncogene family, protein G (avian)(Mafg)	1.869772
NM_010768	megakaryocyte-associated tyrosine kinase(Matk)	2.382129
NM_010769	matrilin 1, cartilage matrix protein(Matn1)	1.531445
NM_010780	chymase 1, mast cell(Cma1)	1.519191
NM_010800	basic helix-loop-helix family, member a15(Bhlha15)	1.770116
NM_010835	msh homeobox 1(Msx1)	1.599024
NM_010850	myc-like oncogene, s-myc protein(Mycs)	1.684611
NM_010867	myomesin 1(Myom1)	1.889074
NM_010874	N-acetyltransferase 2 (arylamine N-acetyltransferase)(Nat2)	2.99281
NM_010903	nuclear factor, erythroid derived 2, like 3(Nfe2l3)	1.564343
NM_010907	nuclear factor of kappa light polypeptide gene enhancer in B cells inhibitor, alpha(Nfkb1a)	2.327233
NM_010927	nitric oxide synthase 2, inducible(Nos2)	2.530784
NM_010951	G protein-coupled receptor 143(Gpr143)	1.563768
NM_011018	sequestosome 1(Sqstm1)	2.164152
NM_011037	paired box 2(Pax2)	1.520505
NM_011060	peptidyl arginine deiminase, type III(Padi3)	1.577871
NM_011067	period circadian clock 3(Per3)	1.6841
NM_011076	ATP-binding cassette, sub-family B (MDR/TAP), member 1A(Abc1a)	2.282875
NM_011083	phosphatidylinositol 3-kinase, C2 domain containing, alpha polypeptide(Pik3c2a)	2.601385
NM_011086	phosphoinositide kinase, FYVE finger containing(Pikfyve)	1.955154

NM_011105	polycystin (PKD) family receptor for egg jelly(Pkdrej)	2.018073
NM_011121	polo-like kinase 1(Plk1)	1.772347
NM_011124	chemokine (C-C motif) ligand 21A (serine)(Ccl21a)	1.803833
NM_011125	phospholipid transfer protein(Pltp)	1.707438
NM_011153	protein phosphatase 1, regulatory subunit 17(Ppp1r17)	1.53366
NM_011180	cytohesin 1(Cyth1)	2.800471
NM_011181	cytohesin 2(Cyth2)	1.791318
NM_011216	protein tyrosine phosphatase, receptor type, O(Ptpro)	2.563634
NM_011221	purine rich element binding protein B(Purb)	2.014595
NM_011225	No data	2.587203
NM_011294	SUB1 homolog (S. cerevisiae)(Sub1)	2.522906
NM_011329	chemokine (C-C motif) ligand 1(Ccl1)	2.954516
NM_011331	chemokine (C-C motif) ligand 12(Ccl12)	1.903954
NM_011332	chemokine (C-C motif) ligand 17(Ccl17)	2.325014
NM_011338	chemokine (C-C motif) ligand 9(Ccl9)	2.348849
NM_011370	cytoplasmic FMR1 interacting protein 1(Cyfi1)	1.921313
NM_011371	ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 1(St6galnac1)	1.643364
NM_011405	solute carrier family 7 (cationic amino acid transporter, y+ system), member 7(Slc7a7)	1.566552
NM_011407	schlafen 1(Slfn1)	1.517133
NM_011414	secretory leukocyte peptidase inhibitor(Slpi)	1.917554
NM_011429	No data	1.860243
NM_011482	NHP2 non-histone chromosome protein 2-like 1 (S. cerevisiae)(Nhp2l1)	1.524408
NM_011520	syndecan 3(Sdc3)	1.980156
NM_011541	transcription elongation factor A (SII) 1(Tcea1)	1.78577
NM_011563	peroxiredoxin 2(Prdx2)	1.856243
NM_011571	testis specific protein kinase 1(Tesk1)	1.514472
NM_011588	tripartite motif-containing 28(Trim28)	1.620089
NM_011650	translin(Tsn)	1.786082
NM_011651	testis-specific serine kinase substrate(Tsks)	2.035971
NM_011665	ubiquitin-conjugating enzyme E2l(Ube2l)	1.551562
NM_011699	lin-7 homolog C (C. elegans)(Lin7c)	1.630897
NM_011703	vasoactive intestinal peptide receptor 1(Vipr1)	2.442181
NM_011710	tryptophanyl-tRNA synthetase(Wars)	1.560977
NM_011770	IKAROS family zinc finger 2(Ikzf2)	2.233651
NM_011777	zyxin(Zyx)	2.356518
NM_011824	gremlin 1, DAN family BMP antagonist(Grem1)	1.845387
NM_011830	inosine 5'-phosphate dehydrogenase 2(Impdh2)	1.691297
NM_011846	matrix metalloproteinase 17(Mmp17)	1.905048

NM_011868	enoyl-Coenzyme A delta isomerase 2(Eci2)	2.314469
NM_011885	mitochondrial ribosomal protein S12(Mrps12)	1.980481
NM_011886	secretory carrier membrane protein 3(Scamp3)	2.715745
NM_011908	ubiquitin-like 3(Ubl3)	1.529318
NM_011944	mitogen-activated protein kinase kinase 7(Map2k7)	1.740229
NM_011981	zinc finger protein 260(Zfp260)	1.717844
NM_011982	homer scaffolding protein 1(Homer1)	1.527244
NM_011994	ATP-binding cassette, sub-family D (ALD), member 2(Abcd2)	1.623215
NM_012011	eukaryotic translation initiation factor 2, subunit 3, structural gene Y-linked(Eif2s3y)	2.341973
NM_012013	folliculogenesis specific basic helix-loop-helix(Figla)	2.130596
NM_013477	ATPase, H+ transporting, lysosomal V0 subunit D1(Atp6v0d1)	1.571494
NM_013496	cellular retinoic acid binding protein I(Crabp1)	2.022819
NM_013498	cAMP responsive element modulator(Crem)	1.799366
NM_013580	lactate dehydrogenase C(Ldhc)	2.583086
NM_013592	matrilin 4(Matn4)	1.771842
NM_013599	matrix metalloproteinase 9(Mmp9)	1.702349
NM_013604	metaxin 1(Mtx1)	2.445543
NM_013608	nascent polypeptide-associated complex alpha polypeptide(Naca)	1.921863
NM_013609	nerve growth factor(Ngf)	1.902833
NM_013622	opioid receptor, delta 1(Oprd1)	1.997867
NM_013641	prostaglandin E receptor 1 (subtype EP1)(Ptger1)	1.631009
NM_013643	protein tyrosine phosphatase, non-receptor type 5(Ptpn5)	1.995964
NM_013648	reticulon 2 (Z-band associated protein)(Rtn2)	2.752558
NM_013655	chemokine (C-X-C motif) ligand 12(Cxcl12)	1.504744
NM_013662	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6B(Sema6b)	1.510199
NM_013677	surfeit gene 1(Surf1)	1.954108
NM_013678	surfeit gene 2(Surf2)	1.967934
NM_013709	Sh3 domain YSC-like 1(Sh3yl1)	1.673925
NM_013730	signaling lymphocytic activation molecule family member 1(Slamf1)	2.312992
NM_013732	CART prepropeptide(Cartpt)	1.784302
NM_013737	phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)(Pla2g7)	1.808935
NM_013753	phosphatase domain containing, paladin 1(Pald1)	1.823715
NM_013792	alpha-N-acetylglucosaminidase (Sanfilippo disease IIIB)(Naglu)	1.83069
NM_013794	killer cell lectin-like receptor, subfamily A, member 16(Klra16)	1.571467
NM_013800	BarH-like homeobox 2(Barx2)	1.939162
NM_013846	receptor tyrosine kinase-like orphan receptor 2(Ror2)	2.065548

NM_013859	zinc finger, HIT domain containing 2(Znhit2)	1.632443
NM_013878	calcium binding protein 2(Cabp2)	1.958316
NM_013895	translocase of inner mitochondrial membrane 13(Timm13)	1.794353
NM_013917	pituitary tumor-transforming gene 1(Pttg1)	2.206679
NM_013926	chromobox 8(Cbx8)	2.318215
NM_015756	shroom family member 3(Shroom3)	1.619985
NM_015776	microfibrillar associated protein 5(Mfap5)	1.90966
NM_015783	ISG15 ubiquitin-like modifier(Isg15)	1.648214
NM_015789	dickkopf-like 1(Dkk1)	2.075882
NM_015802	deleted in liver cancer 1(Dlc1)	1.528974
NM_015804	ATPase, class VI, type 11A(Atp11a)	2.111411
NM_015805	ATPase, class II, type 9B(Atp9b)	1.886272
NM_016676	RAB10, member RAS oncogene family(Rab10)	1.771343
NM_016679	kelch-like ECH-associated protein 1(Keap1)	2.257385
NM_016693	mitogen-activated protein kinase kinase kinase 6(Map3k6)	1.62427
NM_016721	IQ motif containing GTPase activating protein 1(Iqgap1)	1.645325
NM_016736	negative regulator of ubiquitin-like proteins 1(Nub1)	1.588856
NM_016745	ATPase, Ca++ transporting, ubiquitous(Atp2a3)	2.099953
NM_016759	RUN domain containing 3A(Rundc3a)	1.944744
NM_016789	neuronal pentraxin 2(Nptx2)	1.8428
NM_016792	thioredoxin-like 1(Txnl1)	2.758671
NM_016859	bystin-like(Bysl)	2.02109
NM_016881	phosphomannomutase 2(Pmm2)	1.832986
NM_016888	UDP-GlcNAc:betaGal acetylglucosaminyltransferase 2(B3gnt2)	beta-1,3-N- 2.714659
NM_016896	mitogen-activated protein kinase kinase kinase 14(Map3k14)	1.858091
NM_016905	galactokinase 1(Galk1)	1.620859
NM_016910	protein phosphatase 1D magnesium-dependent, delta isoform(Ppm1d)	2.913392
NM_016961	mitogen-activated protein kinase 9(Mapk9)	1.899108
NM_016969	myeloid-associated differentiation marker(Myadm)	1.605003
NM_017379	tubulin, alpha 8(Tuba8)	2.588056
NM_017404	mitochondrial ribosomal protein L39(Mrpl39)	1.758051
NM_017477	coatamer protein complex, subunit gamma 1(Copg1)	2.075827
NM_018748	golgi autoantigen, golgin subfamily a, 4(Golga4)	1.977528
NM_018753	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide(Ywhab)	1.504411
NM_018760	solute carrier family 4 (anion exchanger), member 4(Slc4a4)	2.228285
NM_018762	glycoprotein 9 (platelet)(Gp9)	2.365477
NM_018796	eukaryotic translation elongation factor 1 beta 2(Eef1b2)	1.693712
NM_018801	synaptotagmin VII(Syt7)	1.699314

NM_018822	N-sulfoglucosamine sulfohydrolase (sulfamidase)(Sgsh)	1.907199
NM_018852	sodium channel, voltage-gated, type IX, alpha(Scn9a)	1.693926
NM_018863	prodynorphin(Pdyn)	1.866877
NM_018869	G protein-coupled receptor kinase 5(Grk5)	2.707373
NM_019428	ribonuclease P/MRP 30 subunit(Rpp30)	1.852545
NM_019435	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 11(Ndufb11)	1.781028
NM_019447	hepatocyte growth factor activator(Hgfac)	2.880428
NM_019451	interleukin 1 family, member 5 (delta)(Il1f5)	2.20633
NM_019466	regulator of calcineurin 1(Rcan1)	1.528583
NM_019486	olfactory receptor 71(Olfr71)	1.804024
NM_019492	regulator of G-protein signaling 3(Rgs3)	1.876513
NM_019569	fascin actin-bundling protein 3(Fscn3)	1.583701
NM_019634	tetraspanin 7(Tspan7)	2.051586
NM_019671	neuroepithelial cell transforming gene 1(Net1)	1.927022
NM_019681	neuronal calcium sensor 1(Ncs1)	1.751135
NM_019693	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39B(Ddx39b)	1.538243
NM_019695	par-6 family cell polarity regulator alpha(Pard6a)	2.051919
NM_019717	atlastin GTPase 2(Atl2)	1.737386
NM_019718	ADP-ribosylation factor-like 3(Arl3)	1.542589
NM_019729	ubiquitin specific peptidase 8(Usp8)	1.682801
NM_019745	programmed cell death 10(Pdcd10)	1.657079
NM_019777	inhibitor of kappaB kinase epsilon(Ikbke)	1.905188
NM_019787	SEC23 homolog B, COPII coat complex component(Sec23b)	2.977623
NM_019795	DnaJ heat shock protein family (Hsp40) member C7(Dnajc7)	1.681775
NM_019806	vesicle-associated membrane protein, associated protein B and C(Vapb)	1.913857
NM_019817	coatamer protein complex, subunit zeta 1(Copz1)	1.750865
NM_019826	isovaleryl coenzyme A dehydrogenase(Ivd)	2.190806
NM_019833	family with sequence similarity 69, member B(Fam69b)	1.600434
NM_019871	solute carrier family 35, member G3(Slc35g3)	1.680709
NM_019875	ATP-binding cassette, sub-family B (MDR/TAP), member 9(Abc9)	1.580621
NM_019930	RAN binding protein 9(Ranbp9)	1.632943
NM_019935	ovo like zinc finger 1(Ovo1)	2.004183
NM_019951	SEC11 homolog A, signal peptidase complex subunit(Sec11a)	2.848565
NM_019960	heat shock protein 3(Hspb3)	1.827713
NM_019971	platelet-derived growth factor, C polypeptide(Pdgfc)	1.803179
NM_019972	sortilin 1(Sort1)	1.640807
NM_020014	glial cell line derived neurotrophic factor family receptor alpha 4(Gfra4)	2.60809

NM_020021	Moloney sarcoma oncogene(Mos)	2.06294
NM_020028	lysophosphatidic acid receptor 2(Lpar2)	1.553545
NM_020045	NFU1 iron-sulfur cluster scaffold(Nfu1)	1.971105
NM_020050	TMEM9 domain family, member B(Tmem9b)	1.840873
NM_020259	Hedgehog-interacting protein(Hhip)	2.436369
NM_020272	phosphoinositide-3-kinase, catalytic, gamma polypeptide(Pik3cg)	1.962446
NM_020276	NMDA receptor synaptonuclear signaling and neuronal migration factor(Nsmf)	2.44132
NM_020284	cathepsin R(Ctsr)	1.936612
NM_020491	Sjogren's syndrome/scleroderma autoantigen 1 homolog (human)(Sssca1)	2.16443
NM_020505	vav 3 oncogene(Vav3)	1.558946
NM_020507	transducer of ERBB2, 2(Tob2)	1.857558
NM_020619	mannosyl-oligosaccharide glucosidase(Mogs)	2.133904
NM_020623	parathyroid hormone(Pth)	1.656734
NM_021301	solute carrier family 15 (H+/peptide transporter), member 2(Slc15a2)	1.534473
NM_021327	TNFAIP3 interacting protein 1(Tnip1)	1.532308
NM_021343	spermatogenesis associated 5(Spata5)	1.726989
NM_021352	crystallin, beta B3(Crybb3)	3.114877
NM_021374	regulator of G-protein signaling 20(Rgs20)	1.655157
NM_021378	killer cell lectin-like receptor subfamily C, member 3(Klrc3)	2.404138
NM_021399	B cell leukemia/lymphoma 11B(Bcl11b)	1.823676
NM_021426	Na+/K+ transporting ATPase interacting 4(Nkain4)	1.533572
NM_021427	family with sequence similarity 181, member B(Fam181b)	2.085329
NM_021458	frizzled class receptor 3(Fzd3)	1.518937
NM_021487	potassium voltage-gated channel, Isk-related family, member 1-like, pseudogene(Kcne1l)	2.394566
NM_021489	coagulation factor XII (Hageman factor)(F12)	2.042195
NM_021498	polymerase (DNA directed), epsilon 3 (p17 subunit)(Pole3)	1.667655
NM_021526	proteasome (prosome, macropain) 26S subunit, non-ATPase, 14(Psm14)	2.272829
NM_021534	peroxisomal membrane protein 4(Pxmp4)	1.872884
NM_021546	N-terminal EF-hand calcium binding protein 3(Necab3)	1.952925
NM_021712	solute carrier family 18 (vesicular monoamine), member 3(Slc18a3)	1.960827
NM_021793	transmembrane protein 8 (five membrane-spanning domains)(Tmem8)	1.604339
NM_021882	premelanosome protein(Pmel)	2.197732
NM_021892	neuropeptide VF precursor(Npvf)	1.703065
NM_021898	testis specific gene A8(Tsga8)	1.900346

NM_022879	myosin, light polypeptide 7, regulatory(Myl7)	2.174191
NM_023115	protocadherin 15(Pcdh15)	1.741519
NM_023233	tripartite motif-containing 13(Trim13)	2.035913
NM_023476	tubulointerstitial nephritis antigen-like 1(Tinagl1)	1.859697
NM_023530	phospholipase A2, group XIIB(Pla2g12b)	1.717813
NM_023630	general transcription factor IIA, 1-like(Gtf2a1l)	1.937802
NM_023719	thioredoxin interacting protein(Txnip)	2.407121
NM_023799	meningioma expressed antigen 5 (hyaluronidase)(Mgea5)	1.959317
NM_024190	charged multivesicular body protein 1B(Chmp1b)	1.644139
NM_024192	CUE domain containing 2(Cuedc2)	1.520155
NM_024277	ribosomal protein S27A(Rps27a)	1.776715
NM_024281	ribosome binding protein 1(Rrbp1)	1.805374
NM_024434	leucine aminopeptidase 3(Lap3)	1.515938
NM_024435	neurotensin(Nts)	2.182021
NM_024479	Williams Beuren syndrome chromosome region 27 (human)(Wbscr27)	1.785166
NM_025308	proline/histidine/glycine-rich 1(Phgr1)	1.658026
NM_025318	ER membrane protein complex subunit 6(Emc6)	1.602677
NM_025319	RIKEN cDNA 0610009B22 gene(0610009B22Rik)	2.379029
NM_025331	guanine nucleotide binding protein (G protein), gamma 11(Gng11)	2.010572
NM_025366	coiled-coil-helix-coiled-coil-helix domain containing 1(Chchd1)	2.451521
NM_025376	transmembrane protein 8C(Tmem8c)	1.820922
NM_025387	transmembrane protein 14C(Tmem14c)	2.029689
NM_025458	transmembrane p24 trafficking protein 6(Tmed6)	1.693875
NM_025498	presenilin enhancer gamma secretase subunit(Psenen)	1.653861
NM_025556	coordinator of PRMT5, differentiation stimulator(Coprs)	1.511072
NM_025558	cytochrome b5 type B(Cyb5b)	2.241081
NM_025562	fission, mitochondrial 1(Fis1)	2.290223
NM_025564	mago homolog B, exon junction complex core component(Magohb)	1.611363
NM_025573	serine/arginine-rich splicing factor 9(Srsf9)	1.598526
NM_025628	cytochrome c oxidase, subunit VIb polypeptide 1(Cox6b1)	1.568056
NM_025670	cell death inducing Trp53 target 1(Cdip1)	1.774303
NM_025741	tumor protein D52-like 3(Trpd52l3)	1.961843
NM_025758	ankyrin repeat and SOCS box-containing 17(Asb17)	1.844922
NM_025770	autophagy related 10(Atg10)	1.964172
NM_025774	Prkr interacting protein 1 (IL11 inducible)(Prkrip1)	1.887258
NM_025814	serpine1 mRNA binding protein 1(Serbp1)	2.368018
NM_026042	mediator complex subunit 29(Med29)	1.589402

NM_026063	ubiquinol-cytochrome c reductase complex assembly factor 2(Uqcc2)	1.829853
NM_026085	phenazine biosynthesis-like protein domain containing 2(Pbld2)	1.527001
NM_026107	zinc finger with KRAB and SCAN domains 6(Zkscan6)	1.69052
NM_026139	armadillo repeat containing, X-linked 2(Armcx2)	1.790972
NM_026154	mitochondrial ribosomal protein L10(Mrpl10)	1.566686
NM_026309	LSM3 homolog, U6 small nuclear RNA and mRNA degradation associated(Lsm3)	2.521697
NM_026399	WD repeat domain containing 83(Wdr83)	1.628346
NM_026403	NOP9 nucleolar protein(Nop9)	1.52554
NM_026415	cysteine rich tail 1(Cysrt1)	1.602984
NM_026425	N(alpha)-acetyltransferase 20, NatB catalytic subunit(Naa20)	1.809264
NM_026461	RIKEN cDNA 1700129C05 gene(1700129C05Rik)	1.893286
NM_026486	tectonic family member 2(Tctn2)	1.846189
NM_026490	mitochondrial ribosomal protein L19(Mrpl19)	2.13681
NM_026503	succinate dehydrogenase complex assembly factor 4(Sdhaf4)	1.910305
NM_026527	ChaC, cation transport regulator 2(Chac2)	2.624093
NM_026537	No data	1.509355
NM_026542	solute carrier family 25, member 39(Slc25a39)	1.782447
NM_026616	ribonuclease H2, subunit C(Rnaseh2c)	1.745698
NM_026621	WD repeat domain 86(Wdr86)	1.742873
NM_026626	EF-hand calcium binding domain 2(Efcab2)	1.602475
NM_026924	ovo like zinc finger 2(Ovol2)	1.702402
NM_027853	methyltransferase like 7B(Mettl7b)	1.973048
NM_028333	angiopoietin-like 1(Angptl1)	1.505888
NM_028502	ubiquitin-conjugating enzyme E2D 2B(Ube2d2b)	1.886644
NM_028513	actin-related protein T2(Actrt2)	1.63084
NM_029199	spermatogenesis associated multipass transmembrane protein 4(Samt4)	2.06772
NM_029376	spermatogenesis associated glutamate (E)-rich protein 4A(Speer4a)	1.726999
NM_029636	cathepsin Q(Ctsq)	1.820546
NM_029703	No data	2.009951
NM_030254	tumor suppressor candidate 3(Tusc3)	1.746672
NM_030737	vomer nasal 1 receptor 171(Vmn1r171)	1.816502
NM_031379	transketolase-like 1(Tktl1)	1.833494
NM_031391	general transcription factor II A, 1(Gtf2a1)	1.905029
NM_031493	X-linked lymphocyte-regulated 5C(Xlr5c)	1.706422
NM_032398	plasmalemma vesicle associated protein(Plvap)	2.012549
NM_033041	hairy and enhancer of split 7 (Drosophila)(Hes7)	1.605795
NM_033075	DNA segment, Chr 17, human D6S56E 5(D17H6S56E-5)	1.699253

NM_053092	lysyl-tRNA synthetase(Kars)	1.702826
S37484	No data	1.887337
S42582	No data	1.822752
S56976	No data	2.675719
S57880	No data	1.881314
S62964	No data	2.776746
S71188	No data	1.676997
S79250	No data	1.886149
U01919	topoisomerase (DNA) II alpha(Top2a)	1.758754
U03065	defensin, alpha, 15(Defa15)	1.850543
U13371	MyoD family inhibitor domain containing(Mdfic)	1.630561
U15443	Ros1 proto-oncogene(Ros1)	2.051654
U16180	No data	1.822552
U20062	No data	1.513441
U22517	No data	2.389063
U23091	No data	1.674815
U24680	No data	1.631069
U26226	No data	1.649975
U26784	No data	2.568228
U26967	cordons-bleu WH2 repeat(Cobl)	2.193983
U28772	No data	1.60633
U33141	No data	2.30015
U35310	No data	1.616775
U37501	laminin, alpha 5(Lama5)	1.672903
U38503	guanine nucleotide binding protein, alpha stimulating, olfactory type(Gnal)	1.690312
U43721	cystathionine beta-synthase(Cbs)	1.628683
U50955	No data	2.120217
U51457	immunoglobulin heavy variable 7-3(Ighv7-3)	1.890918
U51744	TEA domain family member 4(Tead4)	1.554796
U54563	eukaryotic translation initiation factor 3, subunit E(Eif3e)	1.950378
U55178	TCDD-inducible poly(ADP-ribose) polymerase(Tiparp)	2.020159
U55480	No data	1.536172
U57611	CD44 antigen(Cd44)	1.673655
U59490	No data	1.651595
U61283	proteasome (prosome, macropain) 26S subunit, ATPase 2(Psmc2)	2.097479
U62907	zinc finger with KRAB and SCAN domains 5(Zkscan5)	1.796787
U63774	No data	1.73606
U65020	dentin matrix protein 1(Dmp1)	1.573229
U66835	Sec24 related gene family, member B (S. cerevisiae)(Sec24b)	2.445131
U67885	transformation related protein 53 binding protein 1(Trp53bp1)	1.54916

U86733	No data	1.766578
U87814	proline-serine-threonine phosphatase-interacting protein 1(Pstpip1)	1.874272
U89415	eukaryotic translation elongation factor 2(Eef2)	1.93134
U89416	eukaryotic translation elongation factor 2(Eef2)	1.509138
U89424	unc-93 homolog B1 (C. elegans)(Unc93b1)	1.876516
U89889	hemopexin(Hpx)	1.528599
U91922	DEAH (Asp-Glu-Ala-His) box polypeptide 9(Dhx9)	1.927691
U94423	myocyte enhancer factor 2A(Mef2a)	2.380811
W20726	No data	1.883439
X03040	eukaryotic translation initiation factor 4A1(Eif4a1)	1.604571
X03384	No data	1.629075
X14489	thymidylate synthase(Tyms)	1.627556
X14930	No data	1.512137
X16200	No data	1.526875
X16223	No data	1.782704
X17176	No data	1.969887
X17631	No data	1.933354
X55507	No data	1.502776
X55934	No data	1.77455
X56029	U3A small nuclear RNA(Rnu3a)	1.625033
X57298	mcf.2 transforming sequence(Mcf2)	2.882661
X65704	small nuclear ribonucleoprotein E(Snrpe)	1.977796
X66236	No data	1.581486
X66901	MKL/myocardin-like 2(Mkl2)	1.639779
X67800	No data	1.610432
X71128	No data	1.821073
X71941	No data	2.139434
X72796	No data	1.704486
X73011	No data	1.780606
X74590	No data	1.595133
X75393	No data	2.108622
X75395	No data	1.970617
X76505	discoidin domain receptor family, member 2(Ddr2)	1.534094
X76685	No data	1.809529
X81716	ribosomal protein L10 pseudogene(D11Bhm181e)	1.560629
X82561	protein tyrosine phosphatase, non-receptor type 3(Ptpn3)	1.664887
X83590	ribosomal protein L5(Rpl5)	2.924707
X83918	No data	1.967125
X86367	No data	2.40117
X89758	No data	1.801007

X96707	differentially expressed in FDCP 8(Def8)	1.743033
X96708	differentially expressed in FDCP 8(Def8)	1.85864
X96775	No data	1.73116
X99249	No data	1.7824
X99508	No data	1.629333
X99713	histone cell cycle regulator(Hira)	2.24147
Y08382	disabled 1(Dab1)	2.542487
Y10969	No data	2.868802
Y11811	No data	1.889405
Y11896	No data	2.168927
Y15243	No data	1.741797
Y16518	LanC (bacterial lantibiotic synthetase component C)-like 1(Lancl1)	1.958267
Y17853	SET and MYND domain containing 4(Smyd4)	1.731024
Z12176	No data	1.737576
Z12191	No data	2.97484
Z12192	No data	1.926209
Z12199	No data	2.904638
Z12209	No data	1.526711
Z12265	No data	2.34689
Z12276	No data	1.898323
Z12279	No data	1.643974
Z12376	No data	1.576778
Z12383	No data	1.529326
Z12386	No data	1.865929
Z12416	No data	1.555298
Z12421	No data	1.527737
Z12438	No data	1.503206
Z12447	No data	2.176764
Z12453	No data	2.854881
Z12461	No data	1.860531
Z12465	No data	1.984374
Z12502	No data	1.79247
Z12541	No data	2.07367
Z12542	No data	2.27893
Z12550	No data	2.206113
Z12571	No data	1.833658
Z12578	No data	1.598206
Z12586	No data	2.070631
Z27088	relaxin 1(Rln1)	1.640721
Z48768	No data	2.25356

Complete list of genes down-regulated by GNS treatment

Gene Id	Gene	Z-score
AA497620	No data	-1.61414
AA517284	No data	-2.73572
AA518955	No data	-1.65917
AB006361	prostaglandin D2 synthase (brain)(Ptgds)	-1.97426
AB010309	zinc finger protein 566(Zfp566)	-1.82735
AB010329	zinc finger protein 715(Zfp715)	-1.87064
AB010336	zinc finger protein 157(Zfp157)	-1.99885
AB010339	predicted gene 9805(Gm9805)	-1.78414
AB010342	zinc finger protein 950(Zfp950)	-2.1267
AB010351	zinc finger protein 738(Zfp738)	-2.56028
AB010373	zinc finger protein 975(Zfp975)	-1.79849
AB015423	deltex 2, E3 ubiquitin ligase(Dtx2)	-2.60317
AB015425	deltex 3, E3 ubiquitin ligase(Dtx3)	-2.26013
AB016248	sterol-C5-desaturase(Sc5d)	-1.53275
AB017092	No data	-1.52432
AB018421	cytochrome P450, family 4, subfamily a, polypeptide 10(Cyp4a10)	-1.93229
AB023299	No data	-1.74633
AB030242	No data	-2.14427
AB035508	melanoma cell adhesion molecule(Mcam)	-1.79406
AB040489	coiled-coil domain containing 47(Ccdc47)	-1.99482
AB041543	KRAB-A domain containing 1(Krba1)	-2.12333
AB041576	nudix (nucleoside diphosphate linked moiety X)-type motif 11(Nudt11)	-1.86508
AB041594	akirin 1(Akirin1)	-1.83639
AB041652	zinc finger protein 706(Zfp706)	-1.86996
AB041660	fibronectin type III domain containing 10(Fndc10)	-1.67022
AB042408	G-protein coupled receptor 88(Gpr88)	-2.46714
AB047552	endoplasmic reticulum aminopeptidase 1(Erap1)	-1.52755
AB049641	mitochondrial ribosomal protein L13(Mrpl13)	-3.0156
AB051897	No data	-1.70589
AB061228	olfactory receptor 73(Olfr73)	-2.25584
AB061518	calpain 8(Capn8)	-3.66012
AF003330	No data	-2.43038
AF003352	RIKEN cDNA 3110002H16 gene(3110002H16Rik)	-1.5779
AF004401	No data	-1.5139
AF007267	phosphomannomutase 1(Pmm1)	-2.05812
AF013576	No data	-1.96279
AF015203	Ig heavy chain Mem5-like(LOC641025)	-2.40672

AF015211	No data	-1.55049
AF015219	Ig heavy chain Mem5-like(LOC641025)	-1.70685
AF019249	N-myc (and STAT) interactor(Nmi)	-1.81494
AF022811	cornichon family AMPA receptor auxiliary protein 1(Cnih1)	-1.78501
AF027301	No data	-1.66392
AF029740	No data	-1.91405
AF029745	No data	-2.20735
AF031634	No data	-1.60621
AF031635	No data	-2.18155
AF036898	polymerase (DNA directed), epsilon 2 (p59 subunit)(Pole2)	-2.0439
AF037046	thiopurine S-methyltransferase pseudogene(Gm8479)	-1.71241
AF038500	guanylate cyclase 1, soluble, beta 2(Gucy1b2)	-1.60677
AF038507	RIKEN cDNA 2010204K13 gene(2010204K13Rik)	-1.57193
AF038896	phosphodiesterase 4D, cAMP specific(Pde4d)	-1.6101
AF039064	secretoglobin, family 1B, member 27(Scgb1b27)	-1.77898
AF039405	arsA arsenite transporter, ATP-binding, homolog 1 (bacterial)(Asna1)	-1.83019
AF041930	No data	-1.97155
AF045485	immunoglobulin heavy variable 9-4(Ighv9-4)	-1.59219
AF045505	No data	-2.62735
AF055896	paired-Ig-like receptor A11(Pira11)	-1.51103
AF059703	No data	-1.73502
AF071183	No data	-2.52151
AF071754	No data	-2.09618
AF085221	No data	-2.07269
AF090374	gamma-aminobutyric acid (GABA) A receptor, subunit alpha 5(Gabra5)	-1.62489
AF093554	No data	-1.55581
AF093562	No data	-2.07571
AF095936	succinate dehydrogenase complex, subunit B, iron sulfur (Ip)(Sdhb)	-1.52561
AF098796	No data	-2.16833
AF099805	No data	-1.7954
AF113599	pregnancy-specific glycoprotein 23(Psg23)	-1.69115
AF113618	No data	-2.25716
AF127458	No data	-1.69048
AF131194	No data	-2.03974
AF133733	No data	-2.15699
AF144896	No data	-1.53203
AF146224	high mobility group 20B(Hmg20b)	-2.0964
AF146569	G protein-regulated inducer of neurite outgrowth 1(Gprin1)	-3.62998
AF156890	growth differentiation factor 2(Gdf2)	-2.3381

AF159256	RAN, member RAS oncogene family(Ran)	-1.89488
AF159856	solute carrier family 38, member 3(Slc38a3)	-1.62234
AF165984	Iroquois related homeobox 1 (Drosophila)(Irx1)	-2.55729
AF172276	aldehyde oxidase 3(Aox3)	-1.54188
AF178753	olfactory receptor 1077, pseudogene 1(Olfr1077-ps1)	-1.6809
AF184895	protease, serine 28(Prss28)	-1.76559
AF190624	yippee-like 1 (Drosophila)(Ypel1)	-1.55492
AF194028	histidine-rich glycoprotein(Hrg)	-1.83871
AF194970	centromere protein F(Cenpf)	-1.77465
AF195056	sortilin-related VPS10 domain containing receptor 1(Sorcs1)	-1.66095
AF197159	cubilin (intrinsic factor-cobalamin receptor)(Cubn)	-1.7522
AF201961	No data	-1.52547
AF204175	popeye domain containing 2(Popdc2)	-1.52828
AF218416	tocopherol (alpha) transfer protein(Ttpa)	-2.62534
AF220134	tripartite motif-containing 16(Trim16)	-1.70845
AF220156	No data	-2.20216
AF220209	Nedd4 family interacting protein 1(Ndfip1)	-1.53748
AF220524	DNA (cytosine-5-)-methyltransferase 3-like(Dnmt3l)	-1.5817
AF233885	phospholipase C, epsilon 1(Plce1)	-2.14665
AF237627	leiomodulin 1 (smooth muscle)(Lmod1)	-1.60376
AF238284	No data	-1.79879
AF240178	No data	-2.52726
AF248056	No data	-2.24753
AF250145	IZUMO1 receptor, JUNO(Izumo1r)	-2.38177
AF255911	junction adhesion molecule 2(Jam2)	-1.74042
AF256217	E74-like factor 2(Elf2)	-2.16499
AF261233	solute carrier family 8 (sodium/lithium/calcium exchanger), member B1(Slc8b1)	-1.59861
AF266505	pseudouridine synthase 3(Pus3)	-1.63702
AF278712	allantoicase(Allc)	-1.94231
AF281047	tripartite motif-containing 8(Trim8)	-2.00388
AF282287	No data	-2.32061
AF282294	No data	-2.72889
AF283667	phosphoglycerate mutase 1(Pgam1)	-3.58305
AF285112	TBC1 domain family, member 10b(Tbc1d10b)	-1.97905
AF288379	killer cell lectin-like receptor subfamily A, member 20(Klra20)	-2.33987
AF290570	No data	-1.87761
AF291505	No data	-1.58548
AF293081	No data	-2.31697
AF301017	chemokine (C-X-C motif) ligand 16(Cxcl16)	-1.65694
AF307844	LIM domain and actin binding 1(Lima1)	-1.77169

AF309124	No data	-2.30645
AF309649	interferon gamma inducible protein 30(Ifi30)	-1.50004
AF310251	pleckstrin homology domain interacting protein(Phip)	-1.94379
AF316990	No data	-1.51617
AF316991	No data	-1.82178
AF322238	cell division cycle associated 4(Cdca4)	-1.65094
AF334104	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50(Ddx50)	-2.36175
AF336862	reticulon 4 interacting protein 1(Rtn4ip1)	-2.63494
AF348615	No data	-2.05108
AF348968	UDP-N-acetyl-alpha-D-galactosamine:polypeptide acetylgalactosaminyltransferase 2(Galnt2)	N- -1.66035
AF356627	coagulation factor XI(F11)	-2.25824
AF357361	U11 small nuclear RNA(Rnu11)	-2.22505
AF357390	small nucleolar RNA, H/ACA box 3(Snora3)	-1.78499
AF357399	snoRNA AF357399(AF357399)	-2.1709
AF357402	small Cajal body-specific RNA 8(Scarna8)	-1.87057
AF357423	small nucleolar RNA, H/ACA box 35(Snora35)	-2.01193
AF357462	No data	-1.53006
AF357489	No data	-1.6681
AF357497	No data	-1.72929
AF357510	No data	-1.75713
AF367760	syntrophin, gamma 2(Sntg2)	-1.65944
AF369896	No data	-2.16465
AF373408	CD209a antigen(Cd209a)	-2.72442
AF378761	plexin domain containing 2(Plxdc2)	-1.87336
AF405692	adhesion G protein-coupled receptor V1(Adgrv1)	-3.23673
AF408408	sorting nexin 18(Snx18)	-1.78608
AF410461	retinal pigment epithelium 65(Rpe65)	-1.95555
AF411055	immunoglobulin superfamily, member 8(Igsf8)	-2.10123
AI505940	No data	-1.89944
AJ000488	No data	-2.26935
AJ006837	small nucleolar RNA host gene 3(Snhg3)	-1.67975
AJ009781	interferon induced transmembrane protein 5(Ifitm5)	-1.56481
AJ132675	No data	-1.7862
AJ229172	No data	-1.86423
AJ231204	No data	-1.55894
AJ231216	No data	-2.32017
AJ231227	No data	-1.95056
AJ231262	No data	-1.52516
AJ231275	No data	-2.11843
AJ231276	No data	-1.77778

AJ236880	tenascin C(Tnc)	-1.62796
AJ242721	ring finger protein 8(Rnf8)	-2.48099
AJ242954	No data	-2.02826
AJ245456	No data	-1.54552
AJ250189	ring finger protein 31(Rnf31)	-2.35814
AJ250692	No data	-1.94583
AJ271055	Iroquois related homeobox 6 (Drosophila)(Irx6)	-1.76845
AJ272393	No data	-1.88069
AJ276004	elongator acetyltransferase complex subunit 4(Elp4)	-2.28837
AJ278073	No data	-1.66905
AJ278080	No data	-1.78325
AJ279839	casein kinase 1, gamma 3(Csnk1g3)	-2.20414
AJ299405	interferon-induced protein 44(lfi44)	-1.70694
AJ308965	PC4 and SFRS1 interacting protein 1(Psip1)	-2.42811
AJ344340	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like(Ctdspl)	-1.66852
AJ409462	No data	-2.84641
AJ409470	No data	-2.08954
AJ409490	No data	-2.49103
AJ409505	No data	-2.30447
AJ414562	gap junction protein, delta 4(Gjd4)	-1.65523
AK002310	aph1 homolog C, gamma secretase subunit(Aph1c)	-1.84027
AK002371	small nuclear ribonucleoprotein 40 (U5)(Snrnp40)	-1.60049
AK002417	RIKEN cDNA 0610009K14 gene(0610009K14Rik)	-1.9995
AK002471	endoplasmic reticulum lectin 1(Erlec1)	-2.21851
AK002512	cysteine-rich transmembrane module containing 1(Cystm1)	-2.00894
AK002660	Rho GTPase activating protein 24(Arhgap24)	-2.45713
AK002682	methyltransferase like 15(Mettl15)	-1.62634
AK002778	eukaryotic translation initiation factor 3, subunit F(Eif3f)	-1.51007
AK002805	TBC1 domain family, member 22B, opposite strand(Tbc1d22bos)	-1.50362
AK002854	hydrogen voltage-gated channel 1(Hvcn1)	-2.35589
AK002997	reticulon 1(Rtn1)	-1.66317
AK003097	RIKEN cDNA 1810043G02 gene(1810043G02Rik)	-1.59685
AK003167	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 3(Adamts3)	-2.15796
AK003172	desumoylating isopeptidase 1(Desi1)	-2.15609
AK003192	mitochondrial ribosomal protein L58(Mrpl58)	-1.64503
AK003351	RIKEN cDNA 1110003F10 gene(1110003F10Rik)	-2.53109
AK003432	exportin, tRNA (nuclear export receptor for tRNAs)(Xpot)	-1.66802
AK003461	ets variant 5(Etv5)	-1.50618
AK003491	RIKEN cDNA 1110006E14 gene(1110006E14Rik)	-2.35189

AK003524	arylsulfatase B(Arsb)	-1.66659
AK003546	CAP-GLY domain containing linker protein 1(Clip1)	-1.69135
AK003657	zinc finger, MYND-type containing 8(Zmynd8)	-1.68036
AK003796	WD repeat domain, phosphoinositide interacting 2(Wipi2)	-1.93227
AK003840	desmocollin 1(Dsc1)	-1.99085
AK003850	proline rich 13(Prr13)	-1.59231
AK003991	nudix (nucleoside diphosphate linked moiety X)-type motif 14(Nudt14)	-1.6767
AK004046	arginine glutamic acid dipeptide (RE) repeats(Rere)	-1.71288
AK004069	TAO kinase 2(Taok2)	-1.91618
AK004084	SMEK homolog 1, suppressor of mek1 (Dictyostelium)(Smek1)	-3.01805
AK004085	CREB/ATF bZIP transcription factor(Crebzf)	-1.90981
AK004108	RIKEN cDNA 1110035E04 gene(1110035E04Rik)	-2.09075
AK004122	tetraspanin 15(Tspan15)	-1.75622
AK004184	nexilin(Nexn)	-3.64276
AK004187	kelch-like 24(Klhl24)	-2.15408
AK004221	Foxf1 adjacent non-coding developmental regulatory RNA(Fendrr)	-1.53066
AK004234	autophagy related 13(Atg13)	-1.93864
AK004254	ankyrin repeat domain 46(Ankrd46)	-1.84404
AK004259	zinc finger, HIT type 3(Znhit3)	-1.69949
AK004339	SR-related CTD-associated factor 11(Scaf11)	-2.17996
AK004387	dynein, axonemal, intermediate chain 1(Dnaic1)	-2.18385
AK004445	zinc and ring finger 2(Znrf2)	-1.78265
AK004446	Ssu72 RNA polymerase II CTD phosphatase homolog (yeast)(Ssu72)	-1.57773
AK004537	RIKEN cDNA 1110018N20 gene(1110018N20Rik)	-1.65534
AK004622	solute carrier family 9 (sodium/hydrogen exchanger), member 8(Slc9a8)	-1.60687
AK004632	golgi associated, gamma adaptin ear containing, ARF binding protein 2(Gga2)	-2.65612
AK004654	synapse defective 1, Rho GTPase, homolog 1 (C. elegans)(Syde1)	-1.74193
AK004770	zinc finger CCCH type, antiviral 1(Zc3hav1)	-1.55663
AK004785	protein phosphatase 1, regulatory (inhibitor) subunit 12A(Ppp1r12a)	-1.59693
AK004807	kallikrein related-peptidase 9(Kik9)	-1.67911
AK005010	von Willebrand factor C and EGF domains(Vwce)	-1.55016
AK005036	threonine aldolase 1(Tha1)	-1.73381
AK005050	dihydrodiol dehydrogenase (dimeric)(Dhdh)	-1.68883
AK005070	solute carrier family 25 (mitochondrial carrier, citrate transporter), member 1(Slc25a1)	-1.90302

AK005124	glutamate decarboxylase 1, opposite strand(Gad1os)	-1.51473
AK005217	carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 8(Chst8)	-2.1738
AK005238	suppressor of cytokine signaling 6(Socs6)	-1.67131
AK005257	zinc finger protein 580(Zfp580)	-1.86014
AK005299	RIKEN cDNA 1500026H17 gene(1500026H17Rik)	-1.6079
AK005327	transmembrane protein 41B(Tmem41b)	-2.49243
AK005338	sorting nexin 15(Snx15)	-1.83016
AK005342	MIT, microtubule interacting and transport, domain containing 1(Mitd1)	-2.16806
AK005386	zinc finger, FYVE domain containing 19(Zfyve19)	-1.86143
AK005419	cytochrome b-561 domain containing 1(Cyb561d1)	-2.77191
AK005541	tRNA 5-methylaminomethyl-2-thiouridylate methyltransferase(Trmu)	-1.55627
AK005545	pregnancy-specific glycoprotein 21(Psg21)	-1.62668
AK005575	RIKEN cDNA 1700001C07 gene(1700001C07Rik)	-1.8453
AK005582	cytochrome c, testis(Cyct)	-2.14699
AK005623	RAB3 GTPase activating protein subunit 1(Rab3gap1)	-2.53388
AK005714	heat shock protein, alpha-crystallin-related, B9(Hspb9)	-2.65559
AK005748	small integral membrane protein 23(Smim23)	-1.70838
AK005752	RIKEN cDNA 1700008B11 gene(1700008B11Rik)	-1.52807
AK005774	RIKEN cDNA 1700008J07 gene(1700008J07Rik)	-2.34173
AK005786	RIKEN cDNA 1700008P02 gene(1700008P02Rik)	-1.53924
AK005828	RIKEN cDNA 1700010I02 gene(1700010I02Rik)	-1.6546
AK005835	kelch repeat and BTB (POZ) domain containing 8, opposite strand(Kbtbd8os)	-1.82537
AK005882	DNA-damage inducible 1(Ddi1)	-2.06161
AK005898	RIKEN cDNA 1700012D14 gene(1700012D14Rik)	-1.54857
AK005901	RIKEN cDNA 1700012E03 gene(1700012E03Rik)	-1.95496
AK005977	RIKEN cDNA 1700014F14 gene(1700014F14Rik)	-1.90665
AK005987	RIKEN cDNA 1700015C17 gene(1700015C17Rik)	-1.5096
AK006004	RIKEN cDNA 1700015P03 gene(1700015P03Rik)	-1.51595
AK006010	RIKEN cDNA 1700016B01 gene(1700016B01Rik)	-1.5329
AK006043	septin 14(Sept14)	-1.60571
AK006045	RIKEN cDNA 1700016L04 gene(1700016L04Rik)	-2.4665
AK006053	RIKEN cDNA 1700016P22 gene(1700016P22Rik)	-1.81719
AK006108	RIKEN cDNA 1700019B21 gene(1700019B21Rik)	-1.73488
AK006123	RIKEN cDNA 1700019H22 gene(1700019H22Rik)	-1.82483
AK006132	NFX-like protein(1700019M22Rik)	-1.83607
AK006146	malic enzyme 3, NADP(+)-dependent, mitochondrial(Me3)	-2.72813
AK006223	RIKEN cDNA 1700021N20 gene(1700021N20Rik)	-1.63398
AK006224	RIKEN cDNA 1700021N21 gene(1700021N21Rik)	-1.63498

AK006234	centromere protein P(Cenpp)	-1.88182
AK006258	phosphatidylethanolamine binding protein 2(Pbp2)	-1.54565
AK006357	sperm acrosome associated 3(Spaca3)	-1.63296
AK006367	zinc finger SWIM-type containing 2(Zswim2)	-2.23758
AK006375	cilia and flagella associated protein 161(Cfap161)	-2.20187
AK006506	RIKEN cDNA 1700029K24 gene(1700029K24Rik)	-1.9142
AK006555	embryonic testis differentiation(Etd)	-3.05491
AK006584	RIKEN cDNA 1700123O21 gene(1700123O21Rik)	-1.93239
AK006701	RIKEN cDNA 1700046C09 gene(1700046C09Rik)	-1.53443
AK006705	Rpgrip1-like(Rpgrip1l)	-1.91931
AK006719	RIKEN cDNA 1700047N06 gene(1700047N06Rik)	-2.04056
AK006720	RIKEN cDNA 1700047O18 gene(1700047O18Rik)	-1.83432
AK006721	RIKEN cDNA 1700048B10 gene(1700048B10Rik)	-1.71531
AK006729	RIKEN cDNA 1700048J15 gene(1700048J15Rik)	-1.95768
AK006785	RIKEN cDNA 1700054M17 gene(1700054M17Rik)	-1.85063
AK006802	testis, prostate and placenta expressed(Tepp)	-1.61712
AK006841	membrane-spanning 4-domains, subfamily A, member 13(Ms4a13)	-1.69049
AK006854	RIKEN cDNA 1700061I17 gene(1700061I17Rik)	-1.72076
AK006859	RIKEN cDNA 1700061N14 gene(1700061N14Rik)	-2.14795
AK006870	RIKEN cDNA 1700063H06 gene(1700063H06Rik)	-1.61199
AK006885	DENN/MADD domain containing 4C(Dennd4c)	-2.01367
AK006894	RIKEN cDNA 1700065J11 gene(1700065J11Rik)	-1.88636
AK006899	RIKEN cDNA 1700066B17 gene(1700066B17Rik)	-2.06272
AK006906	RIKEN cDNA 1700066M21 gene(1700066M21Rik)	-1.63061
AK006934	RIKEN cDNA 1700072B07 gene(1700072B07Rik)	-2.25946
AK006950	RIKEN cDNA 1700074L02 gene(1700074L02Rik)	-2.31866
AK006973	RIKEN cDNA 1700081N11 gene(1700081N11Rik)	-1.7105
AK006975	spermatogenesis associated glutamate (E)-rich protein 4B(Speer4b)	-1.74028
AK006981	RIKEN cDNA 1700082O11 gene(1700082O11Rik)	-1.52534
AK007092	RIKEN cDNA 1700096J18 gene(1700096J18Rik)	-1.69041
AK007095	RIKEN cDNA 1700096P03 gene(1700096P03Rik)	-1.84789
AK007103	RIKEN cDNA 1700100M05 gene(1700100M05Rik)	-1.8344
AK007126	RIKEN cDNA 1700105G05 gene(1700105G05Rik)	-2.30392
AK007137	RIKEN cDNA 4931431B13 gene(4931431B13Rik)	-1.7218
AK007195	RIKEN cDNA 1700113H08 gene(1700113H08Rik)	-2.62194
AK007204	RIKEN cDNA 1700116H05 gene(1700116H05Rik)	-1.57286
AK007207	RIKEN cDNA 1700119H24 gene(1700119H24Rik)	-1.61039
AK007213	RIKEN cDNA 1700120E02 gene(1700120E02Rik)	-1.53251
AK007217	RIKEN cDNA 1700120G11 gene(1700120G11Rik)	-2.18201
AK007236	RIKEN cDNA 1700122D07 gene(1700122D07Rik)	-2.61711

AK007246	WD repeat domain 38(Wdr38)	-1.88795
AK007272	RIKEN cDNA 1700124M09 gene(1700124M09Rik)	-2.28588
AK007290	RIKEN cDNA 1700126H18 gene(1700126H18Rik)	-2.21499
AK007294	transformation related protein 53 target 5(Trp53tg5)	-1.84399
AK007445	tripartite motif-containing 15(Trim15)	-1.55571
AK007455	small G protein signaling modulator 3(Sgsm3)	-1.65507
AK007522	prostaglandin reductase 2(Ptgr2)	-1.60091
AK007576	RIKEN cDNA 1810021M19 gene(1810021M19Rik)	-1.98609
AK007608	RIKEN cDNA 1810026J23 gene(1810026J23Rik)	-1.84468
AK007661	RIKEN cDNA 1810030O07 gene(1810030O07Rik)	-1.68019
AK007695	Tp53rk binding protein(Tprkb)	-1.70828
AK007736	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 2(Dyrk2)	-1.72678
AK007844	coiled-coil-helix-coiled-coil-helix domain containing 7(Chchd7)	-1.91816
AK007908	calmodulin binding transcription activator 1(Camta1)	-1.68843
AK007938	RIKEN cDNA 1810062O18 gene(1810062O18Rik)	-1.61578
AK007958	No data	-1.80423
AK008031	glutamatic-oxaloacetic transaminase 2, mitochondrial(Got2)	-1.61639
AK008066	RNA binding motif protein 20(Rbm20)	-2.62517
AK008070	eukaryotic translation initiation factor 1A domain containing(Eif1ad)	-2.47846
AK008073	small leucine-rich protein 1(Smlr1)	-2.93238
AK008152	solute carrier family 7, member 6 opposite strand(Slc7a6os)	-1.64915
AK008166	RIKEN cDNA 2010009K17 gene(2010009K17Rik)	-1.76878
AK008190	family with sequence similarity 210, member B(Fam210b)	-2.04297
AK008330	RIKEN cDNA 2010107C10 gene(2010107C10Rik)	-2.06318
AK008366	RIKEN cDNA 2010109K09 gene(2010109K09Rik)	-2.22494
AK008378	RIKEN cDNA 2010110E17 gene(2010110E17Rik)	-1.99593
AK008392	calcineurin-like EF hand protein 2(Chp2)	-1.8036
AK008398	E2F transcription factor 4(E2f4)	-1.67968
AK008469	protein geranylgeranyltransferase type I, beta subunit(Pggt1b)	-1.54176
AK008598	RIKEN cDNA 2010320O07 gene(2010320O07Rik)	-2.27475
AK008740	RIKEN cDNA 2210016L21 gene(2210016L21Rik)	-1.87057
AK008781	No data	-1.70585
AK008825	Fas associated factor family member 2(Faf2)	-1.9037
AK008833	zinc finger protein 995(Zfp995)	-2.34499
AK008857	RIKEN cDNA 2210408F21 gene(2210408F21Rik)	-1.85814
AK008859	RIKEN cDNA 2210408I21 gene(2210408I21Rik)	-1.80558
AK008903	RIKEN cDNA 2210411M09 gene(2210411M09Rik)	-1.79529
AK008904	serine palmitoyltransferase, small subunit A(Sptssa)	-2.90573
AK008905	RIKEN cDNA 2210412B16 gene(2210412B16Rik)	-1.7622
AK008943	secreted frizzled-related protein 1(Sfrp1)	-1.51145

AK009002	inositol polyphosphate-1-phosphatase(Inpp1)	-2.18487
AK009006	desmoplakin(Dsp)	-2.3284
AK009042	creatine kinase, mitochondrial 2(Ckmt2)	-2.55397
AK009091	RIKEN cDNA 2310002F09 gene(2310002F09Rik)	-1.7184
AK009122	RIKEN cDNA 2310003L06 gene(2310003L06Rik)	-1.61416
AK009154	serine/threonine kinase 40(Stk40)	-2.06103
AK009173	transmembrane protein 45A2(Tmem45a2)	-2.09032
AK009258	DNA segment, Chr 16, ERATO Doi 472, expressed(D16Ertd472e)	-2.82203
AK009268	angiomin-like 1(Amotl1)	-3.24504
AK009291	disabled 2 interacting protein(Dab2ip)	-1.54281
AK009335	RIKEN cDNA 2310014F06 gene(2310014F06Rik)	-2.92196
AK009374	carboxymethylenebutenolidase-like (Pseudomonas)(Cmb1)	-2.57459
AK009401	cytochrome c oxidase assembly protein 14(Cox14)	-1.89538
AK009447	charged multivesicular body protein 3(Chmp3)	-2.63665
AK009494	RIKEN cDNA 2310024H09 gene(2310024H09Rik)	-1.59511
AK009582	polybromo 1(Pbrm1)	-1.78916
AK009705	RIKEN cDNA 2310039L15 gene(2310039L15Rik)	-2.03544
AK009716	family with sequence similarity 83, member G(Fam83g)	-1.89643
AK009724	RIKEN cDNA 2310040G24 gene(2310040G24Rik)	-1.58143
AK009798	leucine rich repeat containing 27(Lrrc27)	-1.91286
AK009878	thioredoxin domain containing 15(Txndc15)	-1.73684
AK009960	calmodulin regulated spectrin-associated protein family, member 3(Camsap3)	-1.8592
AK010002	coiled-coil domain containing 115(Ccdc115)	-1.59192
AK010044	RIKEN cDNA 2310065F04 gene(2310065F04Rik)	-2.47057
AK010105	abhydrolase domain containing 18(Abhd18)	-2.44524
AK010185	peroxidasin(Pxdn)	-2.24214
AK010187	secretion associated Ras related GTPase 1B(Sar1b)	-1.63404
AK010366	mitochondrial assembly of ribosomal large subunit 1(Malsu1)	-2.34627
AK010386	tudor domain containing 12(Tdrd12)	-2.56275
AK010393	GPN-loop GTPase 1(Gpn1)	-1.67612
AK010408	No data	-1.50985
AK010427	RIKEN cDNA 2410006H16 gene(2410006H16Rik)	-1.9585
AK010436	pluripotency associated transcript 10(Platr10)	-2.03955
AK010467	RIKEN cDNA 2410012E07 gene(2410012E07Rik)	-1.63964
AK010524	RIKEN cDNA 2410017I17 gene(2410017I17Rik)	-1.5087
AK010546	ubiquitin specific peptidase 46(Usp46)	-2.20188
AK010588	fibrosin-like 1(Fbrsl1)	-2.13688
AK010671	small nuclear ribonucleoprotein N(Snrpn)	-2.23287
AK010751	MAP/microtubule affinity regulating kinase 4(Mark4)	-1.577
AK010756	small G protein signaling modulator 1(Sgsm1)	-1.62218

AK010786	tubulin, beta 2B class IIB(Tubb2b)	-2.50617
AK010821	family with sequence similarity 49, member A(Fam49a)	-1.63379
AK010890	BRF1, RNA polymerase III transcription initiation factor 90 kDa subunit(Brf1)	-1.55264
AK010955	RIKEN cDNA 2510010E17 gene(2510010E17Rik)	-1.76348
AK010995	MIS12 kinetochore complex component(Mis12)	-1.68967
AK011095	RIKEN cDNA 2510042O18 gene(2510042O18Rik)	-1.66493
AK011136	DEAD (Asp-Glu-Ala-Asp) box polypeptide 56(Ddx56)	-1.58943
AK011343	RIKEN cDNA 2610008E11 gene(2610008E11Rik)	-1.54542
AK011392	lysine (K)-specific methyltransferase 2B(Kmt2b)	-1.6052
AK011437	POU domain, class 3, transcription factor 3 adjacent noncoding transcript 1(Pantr1)	-2.36402
AK011582	RIKEN cDNA 2610028D06 gene(2610028D06Rik)	-1.69745
AK011623	transmembrane protein 65(Tmem65)	-1.66618
AK011626	family with sequence similarity 168, member A(Fam168a)	-1.58861
AK011725	apoptosis-inducing, TAF9-like domain 1(Apitd1)	-2.09534
AK011759	solute carrier family 25, member 32(Slc25a32)	-2.10382
AK011837	mitochondrial ribosomal protein L41(Mrpl41)	-1.80223
AK011899	tubulin-specific chaperone E(Tbce)	-1.6011
AK011900	coxsackie virus and adenovirus receptor(Cxadr)	-1.69156
AK011909	SMG1 homolog, phosphatidylinositol 3-kinase-related kinase (C. elegans)(Smg1)	-2.01508
AK011939	dehydrogenase/reductase (SDR family) member 13(Dhrs13)	-2.36037
AK011946	RIKEN cDNA 2610300M13 gene(2610300M13Rik)	-2.09085
AK011987	fem-1 homolog c (C.elegans)(Fem1c)	-1.6334
AK012084	translocase of outer mitochondrial membrane 70 homolog A (yeast)(Tomm70a)	-1.57053
AK012089	No data	-1.51343
AK012097	centromere protein N(Cenpn)	-1.70244
AK012134	suppressor of Ty 7-like(Supt7l)	-1.64621
AK012150	ribosomal protein S6 kinase polypeptide 6(Rps6ka6)	-2.6951
AK012203	translocase of inner mitochondrial membrane 21(Timm21)	-1.65242
AK012207	RIKEN cDNA 2700003L17 gene(2700003L17Rik)	-2.3819
AK012215	ADP-ribosylation factor-like 14 effector protein(Arl14ep)	-2.16373
AK012302	carbonic anhydrase 10(Car10)	-1.66555
AK012304	histone PARylation factor 1(Hpf1)	-1.62226
AK012400	potassium large conductance calcium-activated channel, subfamily M, beta member 2(Kcnmb2)	-1.89221
AK012420	RIKEN cDNA 2700054B07 gene(2700054B07Rik)	-1.54348
AK012530	dual specificity phosphatase 4(Dusp4)	-1.5612
AK012593	trinucleotide repeat containing 6b(Tnrc6b)	-1.70957

AK012619	small ubiquitin-like modifier 2(Sumo2)	-1.6715
AK012625	RIKEN cDNA 2810001A02 gene(2810001A02Rik)	-1.74447
AK012752	RIKEN cDNA 2810017D21 gene(2810017D21Rik)	-1.57272
AK012763	RIKEN cDNA 2810019C22 gene(2810019C22Rik)	-1.60117
AK012813	lanosterol synthase(Lss)	-2.00166
AK012843	SKI/DACH domain containing 1(Skida1)	-1.72556
AK012898	glycine/arginine rich protein 1(Grrp1)	-1.91779
AK012913	B cell CLL/lymphoma 11A (zinc finger protein)(Bcl11a)	-1.88428
AK012931	membrane bound O-acyltransferase domain containing 2(Mboat2)	-2.63504
AK012934	germ cell-less, spermatogenesis associated 1(Gmcl1)	-2.23449
AK012965	RIKEN cDNA 2810402E24 gene(2810402E24Rik)	-1.69322
AK012991	No data	-2.63024
AK013031	DEAH (Asp-Glu-Ala-His) box polypeptide 36(Dhx36)	-2.01475
AK013044	thioredoxin domain containing 11(Txndc11)	-2.01835
AK013050	zinc finger protein 933(Zfp933)	-2.14464
AK013078	ADP-ribosylation factor-like 5A(Arl5a)	-2.03217
AK013095	replication factor C (activator 1) 3(Rfc3)	-1.71352
AK013116	GIN5 complex subunit 1 (Psf1 homolog)(Gins1)	-2.67673
AK013131	pentatricopeptide repeat domain 3(Ptcd3)	-1.80304
AK013158	sorting nexin 6(Snx6)	-1.53424
AK013267	tetratricopeptide repeat domain 39C(Ttc39c)	-1.77419
AK013287	N(alpha)-acetyltransferase 50, NatE catalytic subunit(Naa50)	-2.02732
AK013289	cytochrome c oxidase assembly protein 19(Cox19)	-1.75107
AK013318	Myb/SANT-like DNA-binding domain containing 2(Msantd2)	-1.92677
AK013344	RIKEN cDNA 2810454H06 gene(2810454H06Rik)	-1.76054
AK013354	ankyrin repeat domain 16(Ankrd16)	-1.66918
AK013361	ubiquitin associated and SH3 domain containing, B(Ubash3b)	-1.61907
AK013470	RIKEN cDNA 2900002J02 gene(2900002J02Rik)	-2.05871
AK013498	BCL6 interacting corepressor(Bcor)	-1.63102
AK013530	RIKEN cDNA 2900012M01 gene(2900012M01Rik)	-1.63385
AK013582	membrane-associated ring finger (C3HC4) 1(March1)	-1.70457
AK013591	ring finger protein 165(Rnf165)	-1.95921
AK013618	RIKEN cDNA 2900036C06 gene(2900036C06Rik)	-1.86289
AK013638	solute carrier family 39 (zinc transporter), member 10(Slc39a10)	-1.55662
AK013646	transmembrane protein 219(Tmem219)	-1.66619
AK013671	RIKEN cDNA 2900052O17 gene(2900052O17Rik)	-1.51557
AK013700	RIKEN cDNA 2900055J20 gene(2900055J20Rik)	-1.77969
AK013741	protein phosphatase 1K (PP2C domain containing)(Ppm1k)	-2.15905
AK013778	RIKEN cDNA 2900073N21 gene(2900073N21Rik)	-1.83259
AK013792	opioid binding protein/cell adhesion molecule-like(Opcml)	-1.79684

AK013807	RIKEN cDNA 2900080J11 gene(2900080J11Rik)	-2.30302
AK013861	zinc finger protein 619(Zfp619)	-1.61692
AK014000	RIKEN cDNA 3110005L21 gene(3110005L21Rik)	-1.57856
AK014022	SH3-domain GRB2-like (endophilin) interacting protein 1(Sgip1)	-1.82509
AK014037	LIM homeobox protein 9(Lhx9)	-1.5369
AK014047	lipase, endothelial(Lipg)	-1.52907
AK014059	RIKEN cDNA 3110018A10 gene(3110018A10Rik)	-1.6701
AK014060	sperm associated antigen 9(Spag9)	-1.86641
AK014066	RIKEN cDNA 3110021A11 gene(3110021A11Rik)	-2.24312
AK014072	ligand dependent nuclear receptor corepressor(Lcor)	-1.95094
AK014124	RIKEN cDNA 3110035F07 gene(3110035F07Rik)	-2.05184
AK014147	RIKEN cDNA 3110039I08 gene(3110039I08Rik)	-1.50058
AK014184	transmembrane protein 59(Tmem59)	-1.60593
AK014192	family with sequence similarity 118, member A(Fam118a)	-1.74481
AK014200	zinc finger CCCH type containing 13(Zc3h13)	-2.14868
AK014262	tocopherol (alpha) transfer protein-like(Ttpal)	-1.54146
AK014278	RIKEN cDNA 3200001D21 gene(3200001D21Rik)	-1.83257
AK014465	RIKEN cDNA 4122401K19 gene(4122401K19Rik)	-1.59704
AK014466	kelch-like 28(Klhl28)	-1.93201
AK014513	RIKEN cDNA 4631405K08 gene(4631405K08Rik)	-1.71537
AK014514	inter-alpha (globulin) inhibitor H5(Itih5)	-1.76242
AK014549	RIKEN cDNA 4632404H12 gene(4632404H12Rik)	-2.29498
AK014557	tubulin tyrosine ligase-like family, member 4(Ttll4)	-1.90314
AK014621	coiled-coil domain containing 93(Ccdc93)	-1.54798
AK014650	RIKEN cDNA 4832441B07 gene(4832441B07Rik)	-2.05734
AK014664	zinc finger protein 626(Zfp626)	-1.71106
AK014685	RIKEN cDNA 4833412E19 gene(4833412E19Rik)	-1.50616
AK014692	RIKEN cDNA 4833413N01 gene(4833413N01Rik)	-1.53312
AK014745	RIKEN cDNA 4833421G17 gene(4833421G17Rik)	-4.28261
AK014794	MSS51 mitochondrial translational activator(Mss51)	-2.39661
AK014847	RIKEN cDNA 4921509A06 gene(4921509A06Rik)	-1.81571
AK014883	RIKEN cDNA 4921513I08 gene(4921513I08Rik)	-2.05857
AK014894	cullin 5(Cul5)	-2.34366
AK014961	RIKEN cDNA 4921524L21 gene(4921524L21Rik)	-1.66422
AK015027	tetratricopeptide repeat domain 23-like(Ttc23l)	-1.74187
AK015076	RIKEN cDNA 4930404F17 gene(4930404F17Rik)	-1.52718
AK015080	testis expressed 36(Tex36)	-1.99061
AK015101	RIKEN cDNA 4930405N21 gene(4930405N21Rik)	-1.86612
AK015117	claudin 34C4(Cldn34c4)	-1.62557
AK015185	RIKEN cDNA 4930423B08 gene(4930423B08Rik)	-1.7438

AK015225	protein prenyltransferase alpha subunit repeat containing 1(Ptar1)	-1.60435
AK015234	RIKEN cDNA 4930429E23 gene(4930429E23Rik)	-2.23737
AK015241	catenin (cadherin associated protein), alpha 3(Ctnna3)	-1.57093
AK015268	RIKEN cDNA 4930431H11 gene(4930431H11Rik)	-2.20986
AK015280	RIKEN cDNA 4930431P19 gene(4930431P19Rik)	-1.72231
AK015322	RIKEN cDNA 4933409F18 gene(4933409F18Rik)	-1.97161
AK015336	RIKEN cDNA 4930438E09 gene(4930438E09Rik)	-1.7391
AK015356	RIKEN cDNA 4930442B02 gene(4930442B02Rik)	-1.78851
AK015417	RIKEN cDNA 4930448F12 gene(4930448F12Rik)	-1.61386
AK015440	patched domain containing 3(Ptchd3)	-1.53839
AK015451	RIKEN cDNA 4930453H23 gene(4930453H23Rik)	-2.21271
AK015484	RIKEN cDNA 4930458D05 gene(4930458D05Rik)	-1.56575
AK015499	kinesin family member 4, pseudogene(Kif4-ps)	-1.57144
AK015536	queuine tRNA-ribosyltransferase domain containing 1(Qtrtd1)	-1.98557
AK015549	RIKEN cDNA 4930471E19 gene(4930471E19Rik)	-1.69334
AK015561	neurolysin (metallopeptidase M3 family)(Nln)	-1.61091
AK015565	No data	-1.58205
AK015570	RIKEN cDNA 4930474A20 gene(4930474A20Rik)	-1.65811
AK015579	RIKEN cDNA 4930477E14 gene(4930477E14Rik)	-1.63594
AK015581	RIKEN cDNA 4930477N07 gene(4930477N07Rik)	-4.02052
AK015599	RIKEN cDNA 4930480G23 gene(4930480G23Rik)	-1.58077
AK015617	RIKEN cDNA 4930503B20 gene(4930503B20Rik)	-2.03068
AK015666	transmembrane BAX inhibitor motif containing 7(Tmbim7)	-1.70639
AK015700	TBC1 domain family, member 30(Tbc1d30)	-1.75512
AK015704	RIKEN cDNA 4930505K13 gene(4930505K13Rik)	-1.85676
AK015711	RIKEN cDNA 4930505O20 gene(4930505O20Rik)	-2.08559
AK015713	exportin 7(Xpo7)	-2.19986
AK015723	RIKEN cDNA 4930507A01 gene(4930507A01Rik)	-3.41171
AK015727	RIKEN cDNA 4930507D10 gene(4930507D10Rik)	-1.72432
AK015731	RIKEN cDNA 4930509B17 gene(4930509B17Rik)	-2.08349
AK015753	WD repeat domain 64(Wdr64)	-1.52122
AK015798	RIKEN cDNA 4930515L03 gene(4930515L03Rik)	-2.57257
AK015809	RIKEN cDNA 4930517E11 gene(4930517E11Rik)	-2.10965
AK015822	RIKEN cDNA 4930518C09 gene(4930518C09Rik)	-2.25312
AK015838	RIKEN cDNA 4930519D14 gene(4930519D14Rik)	-1.8605
AK015840	RIKEN cDNA 4930519E07 gene(4930519E07Rik)	-1.57271
AK015858	PIH1 domain containing 3(Pih1d3)	-1.58499
AK015863	WBP2 N-terminal like(Wbp2nl)	-1.61731
AK015908	RIKEN cDNA 4930526M16 gene(4930526M16Rik)	-1.54875
AK015913	Slx-like 1(Slx1)	-1.59871

AK015980	coiled-coil domain containing 33(Ccdc33)	-1.81132
AK015981	RIKEN cDNA 4930535F04 gene(4930535F04Rik)	-1.85238
AK015986	PDZ domain containing 2(Pdzd2)	-1.58131
AK016029	RIKEN cDNA 4930543I03 gene(4930543I03Rik)	-2.66948
AK016051	high-mobility group box 4, opposite strand(Hmgb4os)	-1.62782
AK016069	RIKEN cDNA 4930548G14 gene(4930548G14Rik)	-1.83125
AK016071	RIKEN cDNA 4930548K13 gene(4930548K13Rik)	-2.14628
AK016135	ethanolamine kinase 1(Etnk1)	-2.09936
AK016140	RIKEN cDNA 4930556A20 gene(4930556A20Rik)	-1.85693
AK016182	RIKEN cDNA 4930559C10 gene(4930559C10Rik)	-2.21217
AK016188	alkB homolog 8, tRNA methyltransferase(Alkbh8)	-1.92058
AK016191	RIKEN cDNA 4930562F07 gene(4930562F07Rik)	-2.82898
AK016193	RIKEN cDNA 4930562M23 gene(4930562M23Rik)	-1.60439
AK016201	dynein assembly factor with WDR repeat domains 1(Daw1)	-2.14518
AK016220	glutamate receptor interacting protein 1, opposite strand 2(Grip1os2)	-1.81554
AK016239	RIKEN cDNA 4930566N20 gene(4930566N20Rik)	-1.61478
AK016291	RIKEN cDNA 4930573H18 gene(4930573H18Rik)	-2.39121
AK016314	RIKEN cDNA 4930579D07 gene(4930579D07Rik)	-2.40002
AK016331	RIKEN cDNA 4930579O11 gene(4930579O11Rik)	-1.74096
AK016332	RIKEN cDNA 4930567H12 gene(4930567H12Rik)	-1.58228
AK016402	RIKEN cDNA 4930597A21 gene(4930597A21Rik)	-1.51872
AK016408	RIKEN cDNA 4930597O21 gene(4930597O21Rik)	-1.84809
AK016429	RIKEN cDNA 4931403M11 gene(4931403M11Rik)	-1.60625
AK016453	RIKEN cDNA 4931413I07 gene(4931413I07Rik)	-1.50724
AK016458	RIKEN cDNA 4931415C17 gene(4931415C17Rik)	-1.59382
AK016504	N(alpha)-acetyltransferase 40, NatD catalytic subunit(Naa40)	-1.81027
AK016513	RIKEN cDNA 4931440P22 gene(4931440P22Rik)	-1.92975
AK016541	RIKEN cDNA 4932432N04 gene(4932432N04Rik)	-2.06054
AK016572	phospholipid phosphatase 6(Plpp6)	-1.89505
AK016597	transmembrane protein 30C(Tmem30c)	-2.16527
AK016603	transketolase-like 2(Tktl2)	-1.62849
AK016652	RIKEN cDNA 4933404K08 gene(4933404K08Rik)	-2.26372
AK016673	RIKEN cDNA 4933405L10 gene(4933405L10Rik)	-2.18262
AK016678	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 12 (human)(Als2cr12)	-1.55349
AK016697	RIKEN cDNA 4933406J10 gene(4933406J10Rik)	-1.86674
AK016703	RIKEN cDNA 4933406L23 gene(4933406L23Rik)	-1.55766
AK016727	zinc finger protein 597(Zfp597)	-1.87121
AK016740	RIKEN cDNA 4933408K01 gene(4933408K01Rik)	-1.93846
AK016750	RIKEN cDNA 4933409D19 gene(4933409D19Rik)	-1.55815
AK016789	RIKEN cDNA 4933412E24 gene(4933412E24Rik)	-1.86173

AK016843	RIKEN cDNA 4933417E11 gene(4933417E11Rik)	-2.23805
AK016861	Nipped-B homolog (Drosophila)(Nipbl)	-1.57983
AK016875	RIKEN cDNA 4933423K11 gene(4933423K11Rik)	-1.615
AK016878	RIKEN cDNA 4933423N12 gene(4933423N12Rik)	-2.73493
AK016915	MEIR1 treanscription regulator(Mier1)	-3.08248
AK016916	kinesin family member 24(Kif24)	-1.78551
AK016937	centrosomal protein 170(Cep170)	-2.26566
AK016992	RIKEN cDNA 4933430H06 gene(4933430H06Rik)	-2.42507
AK017008	radial spoke head homolog 14 (Chlamydomonas)(Rsph14)	-1.7306
AK017101	RIKEN cDNA 4933437I04 gene(4933437I04Rik)	-1.8177
AK017223	sphingomyelin synthase 2(Sgms2)	-2.52874
AK017263	RIKEN cDNA 5430402P08 gene(5430402P08Rik)	-1.75401
AK017285	chloride channel, voltage-sensitive 5(Clcn5)	-1.91662
AK017297	ectopic P-granules autophagy protein 5 homolog (C. elegans)(Epg5)	-2.51583
AK017307	RIKEN cDNA 5430414B19 gene(5430414B19Rik)	-2.02081
AK017335	RIKEN cDNA 5430425E15 gene(5430425E15Rik)	-1.82377
AK017337	solute carrier family 6 (neurotransmitter transporter), member 19, opposite strand(Slc6a19os)	-1.69675
AK017430	RIKEN cDNA 5530401A14 gene(5530401A14Rik)	-2.041
AK017476	paraneoplastic antigen MA1(Pnma1)	-1.69908
AK017493	cyclin Y(Ccny)	-1.59221
AK017553	collagen, type XIV, alpha 1(Col14a1)	-1.77632
AK017566	No data	-1.86446
AK017594	leucine rich repeat and fibronectin type III domain containing 2(Lrfn2)	-2.29289
AK017624	RIKEN cDNA 5730437C12 gene(5730437C12Rik)	-2.16511
AK017658	splicing factor proline/glutamine rich (polypyrimidine tract binding protein associated)(Sfpq)	-1.6056
AK017713	p21 protein (Cdc42/Rac)-activated kinase 4(Pak4)	-1.55057
AK017737	zinc finger, DHHC domain containing 24(Zdhhc24)	-1.59477
AK017836	sorting nexin family member 27(Snx27)	-1.53131
AK017858	enhancer of polycomb homolog 1 (Drosophila)(Epc1)	-1.51637
AK017868	shugoshin-like 2a (S. pombe)(Sgol2a)	-1.86886
AK017897	syntaxin 11(Stx11)	-1.71075
AK017954	RIKEN cDNA 5830428M24 gene(5830428M24Rik)	-2.8244
AK017960	RIKEN cDNA 5830431M20 gene(5830431M20Rik)	-1.63633
AK017983	RIKEN cDNA 5830442K09 gene(5830442K09Rik)	-1.52956
AK017986	No data	-1.66172
AK018037	antagonist of mitotic exit network 1(Amn1)	-1.8162
AK018052	tocopherol (alpha) transfer protein-like(Ttpal)	-2.9659

AK018093	phosphatidylinositol-3,4,5-trisphosphate-dependent exchange factor 2(Prex2)	Rac	-1.59058
AK018095	RIKEN cDNA 6230424C14 gene(6230424C14Rik)		-1.55749
AK018110	transcription elongation factor A (SII) N-terminal and central domain containing 2(Tceanc2)		-1.68776
AK018173	tripartite motif-containing 62(Trim62)		-1.5641
AK018202	nuclear paraspeckle assembly transcript 1 (non-protein coding)(Neat1)		-1.82842
AK018282	family with sequence similarity 81, member A(Fam81a)		-1.70042
AK018289	RIKEN cDNA 6430605C03 gene(6430605C03Rik)		-1.59889
AK018292	RIKEN cDNA 6430628N08 gene(6430628N08Rik)		-2.66179
AK018295	janus kinase and microtubule interacting protein 2(Jakmip2)		-1.5911
AK018302	RIKEN cDNA 6430710C18 gene(6430710C18Rik)		-1.58853
AK018342	RTF1, Paf1/RNA polymerase II complex component(Rtf1)		-1.65051
AK018347	interleukin 10 receptor, beta(Il10rb)		-1.81015
AK018351	small VCP/p97-interacting protein(Svip)		-2.47395
AK018388	Fras1 related extracellular matrix protein 2(Frem2)		-2.01619
AK018392	acyl-Coenzyme A binding domain containing 3(Acbd3)		-2.30375
AK018401	alpha-kinase 1(Alpk1)		-1.59469
AK018414	protein phosphatase 4, regulatory subunit 4(Ppp4r4)		-2.45088
AK018439	RIKEN cDNA 8430425A16 gene(8430425A16Rik)		-2.04994
AK018466	RNA binding motif, single stranded interacting protein(Rbms3)		-1.72779
AK018468	RIKEN cDNA 8430437B07 gene(8430437B07Rik)		-1.50384
AK018489	RIKEN cDNA 9030407C09 gene(9030407C09Rik)		-1.57017
AK018501	RIKEN cDNA 9030411K21 gene(9030411K21Rik)		-1.579
AK018504	Ras association (RalGDS/AF-6) domain family member 2(Rassf2)		-1.6261
AK018545	family with sequence similarity 110, member C(Fam110c)		-2.25401
AK018556	RIKEN cDNA 9030613N10 gene(9030613N10Rik)		-1.63772
AK018561	extracellular matrix protein 2, female organ and adipocyte specific(Ecm2)		-1.92009
AK018625	RIKEN cDNA 9130015G15 gene(9130015G15Rik)		-2.07402
AK018633	clathrin, heavy polypeptide (Hc)(Cltc)		-1.60664
AK018699	RIKEN cDNA E130018N17 gene(E130018N17Rik)		-1.71889
AK018750	RIKEN cDNA 0610033P13 gene(0610033P13Rik)		-1.69981
AK018751	RIKEN cDNA 0610037L18 gene(0610037L18Rik)		-1.738
AK018867	RIKEN cDNA 1700061G19 gene(1700061G19Rik)		-1.72751
AK018873	family with sequence similarity 24, member A(Fam24a)		-2.6025
AK018878	RIKEN cDNA 1700065F09 gene(1700065F09Rik)		-1.99054
AK018913	RIKEN cDNA 1700087M22 gene(1700087M22Rik)		-2.10943
AK018920	src family associated phosphoprotein 1(Skap1)		-1.50925
AK018948	RIKEN cDNA 1700112J05 gene(1700112J05Rik)		-1.9599

AK018953	glutathione S-transferase omega 2(Gsto2)	-2.5948
AK019053	predicted gene 15247(Gm15247)	-2.86931
AK019107	RIKEN cDNA 2410006F04 gene(2410006F04Rik)	-1.89427
AK019110	pluripotency associated transcript 27(Platr27)	-1.65568
AK019193	RIKEN cDNA 2610524J22 gene(2610524J22Rik)	-2.46819
AK019302	RIKEN cDNA 2900002M20 gene(2900002M20Rik)	-1.58716
AK019347	adhesion G protein-coupled receptor A1(Adgra1)	-1.69579
AK019369	FERM and PDZ domain containing 1, opposite strand(Frmpd1os)	-2.16532
AK019405	armadillo repeat containing, X-linked 1(Armcx1)	-1.81212
AK019424	synaptotagmin VI(Syt6)	-2.09159
AK019501	RIKEN cDNA 4632418H02 gene(4632418H02Rik)	-1.94931
AK019510	RIKEN cDNA 4831407H17 gene(4831407H17Rik)	-1.79402
AK019513	KDEL (Lys-Asp-Glu-Leu) containing 2(Kdelc2)	-2.51698
AK019541	zinc finger protein 286, intronic transcript(Zfp286it)	-1.90918
AK019568	NLR family, pyrin domain containing 4E(Nlrp4e)	-2.5282
AK019605	No data	-1.53384
AK019650	RIKEN cDNA 4930480K15 gene(4930480K15Rik)	-1.51743
AK019665	cytochrome c oxidase subunit VIIb2(Cox7b2)	-1.86475
AK019691	RIKEN cDNA 4930522O17 gene(4930522O17Rik)	-2.91786
AK019695	protein phosphatase 1, regulatory subunit 3F, opposite strand(Ppp1r3fos)	-2.16317
AK019751	RIKEN cDNA 4930548J01 gene(4930548J01Rik)	-1.88855
AK019766	sperm tail PG rich repeat containing 1(Stpg1)	-1.86641
AK019769	RIKEN cDNA 4930556G22 gene(4930556G22Rik)	-2.19865
AK019801	RIKEN cDNA 4933406F09 gene(4933406F09Rik)	-1.57313
AK019848	No data	-2.03637
AK019917	RIKEN cDNA 5330428N10 gene(5330428N10Rik)	-1.81813
AK019945	RIKEN cDNA 5430409L15 gene(5430409L15Rik)	-2.18271
AK019953	RIKEN cDNA 5730402E23 gene(5730402E23Rik)	-2.38958
AK019966	sosondowah ankyrin repeat domain family member B(Sowahb)	-1.53896
AK019967	lysophosphatidic acid receptor 4(Lpar4)	-1.787
AK019998	polycomb group ring finger 5(Pcgf5)	-2.40165
AK020016	RIKEN cDNA 5830420C07 gene(5830420C07Rik)	-2.03599
AK020045	RIKEN cDNA 6030400A10 gene(6030400A10Rik)	-2.14564
AK020073	RIKEN cDNA 6030458A19 gene(6030458A19Rik)	-1.78455
AK020074	RIKEN cDNA 6030458C11 gene(6030458C11Rik)	-3.40513
AK020135	F-box protein 42(Fbxo42)	-2.09573
AK020178	RIKEN cDNA 7330404K18 gene(7330404K18Rik)	-1.51065
AK020179	adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1(App1)	-2.02723
AK020194	RIKEN cDNA 8030423J24 gene(8030423J24Rik)	-1.62554

AK020202	RIKEN cDNA 8030448I15 gene(8030448I15Rik)	-2.12325
AK020268	RIKEN cDNA 9130024F11 gene(9130024F11Rik)	-1.96547
AK020283	RIKEN cDNA 9130219B18 gene(9130219B18Rik)	-1.6972
AK020345	RIKEN cDNA 9230113P08 gene(9230113P08Rik)	-1.55099
AK020348	acyl-Coenzyme A binding domain containing 7(Acbd7)	-1.88396
AK020390	Scm-like with four mbt domains 1(Sfmbt1)	-1.63321
AK020397	interleukin-1 receptor-associated kinase 4(Irak4)	-1.81854
AK020399	RIKEN cDNA 9430002A10 gene(9430002A10Rik)	-1.65849
AK020401	RIKEN cDNA 2310011J03 gene(2310011J03Rik)	-1.50319
AK020412	RIKEN cDNA 9430012M22 gene(9430012M22Rik)	-1.52197
AK020417	RIKEN cDNA 9430014K20 gene(9430014K20Rik)	-1.78004
AK020428	RIKEN cDNA 9430020M11 gene(9430020M11Rik)	-1.50972
AK020434	RIKEN cDNA 9430024C03 gene(9430024C03Rik)	-2.02507
AK020451	RIKEN cDNA 9430031J08 gene(9430031J08Rik)	-1.67952
AK020458	RIKEN cDNA 9430037O13 gene(9430037O13Rik)	-2.30677
AK020487	POU domain, class 3, transcription factor 2(Pou3f2)	-1.66696
AK020523	zinc finger protein 719(Zfp719)	-1.65257
AK020525	RIKEN cDNA 9430095M17 gene(9430095M17Rik)	-1.71269
AK020530	RIKEN cDNA 9430099M06 gene(9430099M06Rik)	-1.54557
AK020535	serine protease inhibitor, Kazal type-like(Spink1)	-1.95875
AK020555	RIKEN cDNA 9530013L04 gene(9530013L04Rik)	-2.38443
AK020563	RAB35, member RAS oncogene family(Rab35)	-1.57096
AK020565	RIKEN cDNA 9530020I12 gene(9530020I12Rik)	-1.65332
AK020576	RIKEN cDNA 9530026P05 gene(9530026P05Rik)	-1.68006
AK020601	RIKEN cDNA 9530049O05 gene(9530049O05Rik)	-1.6017
AK020630	RIKEN cDNA 9530067L11 gene(9530067L11Rik)	-1.53514
AK020644	RIKEN cDNA 9530075M24 gene(9530075M24Rik)	-1.93445
AK020646	lysine (K)-specific methyltransferase 2E(Kmt2e)	-2.00854
AK020648	RIKEN cDNA 9530077C14 gene(9530077C14Rik)	-1.52125
AK020664	RIKEN cDNA 9530097N15 gene(9530097N15Rik)	-1.98228
AK020688	DnaJ heat shock protein family (Hsp40) member C21(Dnajc21)	-1.88072
AK020723	pro-melanin-concentrating hormone(Pmch)	-1.63085
AK020752	transmembrane protein 86B(Tmem86b)	-1.96209
AK020759	RIKEN cDNA A430103D13 gene(A430103D13Rik)	-1.7963
AK020767	RIKEN cDNA A430105J06 gene(A430105J06Rik)	-1.56458
AK020769	RIKEN cDNA A430105P17 gene(A430105P17Rik)	-2.5954
AK020835	RIKEN cDNA A930009E05 gene(A930009E05Rik)	-2.39342
AK020854	RIKEN cDNA A930014D07 gene(A930014D07Rik)	-1.61489
AK020855	RIKEN cDNA A930014D08 gene(A930014D08Rik)	-1.8892
AK020914	RIKEN cDNA A930031H19 gene(A930031H19Rik)	-1.77334
AK020917	nucleoredoxin-like 1(Nxn1)	-1.5033

AK020921	RIKEN cDNA A930033C23 gene(A930033C23Rik)	-1.67485
AK021023	nucleolar protein 3 (apoptosis repressor with CARD domain)(Nol3)	-1.55356
AK021040	cadherin 10(Cdh10)	-1.57568
AK021055	RIKEN cDNA C030007I01 gene(C030007I01Rik)	-1.75914
AK021071	RIKEN cDNA C030013C02 gene(C030013C02Rik)	-1.8931
AK021099	transmembrane protein 116(Tmem116)	-1.58582
AK021121	RIKEN cDNA C030034I22 gene(C030034I22Rik)	-1.83253
AK021123	Jrk-like(Jrkl)	-2.64677
AK021219	RIKEN cDNA C330022C24 gene(C330022C24Rik)	-2.04663
AK021240	RIKEN cDNA C430014O12 gene(C430014O12Rik)	-2.11688
AK021346	RIKEN cDNA D730047N16 gene(D730047N16Rik)	-2.3994
AK021347	RIKEN cDNA D730047P14 gene(D730047P14Rik)	-2.03914
AK021375	No data	-2.01616
AY007202	mucin 4(Muc4)	-2.2264
AY007815	cell migration inducing protein, hyaluronan binding(Cemip)	-1.88136
AY017368	kin of IRRE like (Drosophila)(Kirrel)	-1.88428
AY026045	RIKEN cDNA 1700016D06 gene(1700016D06Rik)	-2.57783
AY026324	No data	-1.52533
AY042192	MAS-related GPR, member A2B(Mrgpra2b)	-1.56106
AY044153	histamine receptor H3(Hrh3)	-1.82983
AY046504	translocated promoter region, nuclear basket protein(Tpr)	-1.90885
BB258473	No data	-1.5814
BC002131	ADP-ribosylation factor-like 2 binding protein(Arl2bp)	-1.57286
BC002221	CUGBP, Elav-like family member 1(Celf1)	-1.61621
BC002223	protein phosphatase 6, catalytic subunit(Ppp6c)	-1.5357
BC002300	DEAD (Asp-Glu-Ala-Asp) box polypeptide 19b(Ddx19b)	-2.04026
BC003258	zinc finger protein 672(Zfp672)	-1.69674
BC003301	KAT8 regulatory NSL complex subunit 2(Kansl2)	-2.07244
BC003335	replication factor C (activator 1) 4(Rfc4)	-1.87143
BC003350	G protein pathway suppressor 1(Gps1)	-1.88452
BC003446	glomulin, FKBP associated protein(Glmn)	-2.17385
BC003885	ribosomal L24 domain containing 1(Rsl24d1)	-1.61566
BC003938	SNF8, ESCRT-II complex subunit, homolog (S. cerevisiae)(Snf8)	-2.0618
BC004086	N(alpha)-acetyltransferase 50, NatE catalytic subunit(Naa50)	-3.0958
BC004614	mitochondrial ribosomal protein L30(Mrpl30)	-1.99744
BC004632	UBX domain protein 2A(Ubxn2a)	-2.00397
BC004650	serine/threonine kinase 24(Stk24)	-1.70684
BC004710	target of myb1-like 1 (chicken)(Tom1l1)	-1.62237
BC004785	nucleolar protein 11(Nol11)	-1.83082
BC004840	transmembrane channel-like gene family 6(Tmc6)	-2.26509

BC005536	lectin, galactoside binding-like(Lgalsl)	-2.47492
BC005613	LIM domain containing preferred translocation partner in lipoma(Lpp)	-1.54705
BC005651	mucolipin 1(Mcoln1)	-1.9209
BC005672	sestrin 2(Sesn2)	-1.77947
BC005711	alanyl-tRNA synthetase domain containing 1(Aarsd1)	-1.89506
BC005759	SEC14-like lipid binding 2(Sec14l2)	-2.14165
BC006028	No data	-1.51532
BC006071	No data	-2.19662
BC006655	ring finger and CCCH-type zinc finger domains 2(Rc3h2)	-1.6681
BC006890	keratinocyte differentiation factor 1(Kdf1)	-1.51344
BC006892	AHNAK nucleoprotein (desmoyokin)(Ahnak)	-1.64489
BC006901	cytidine and dCMP deaminase domain containing 1(Cdad1)	-1.54957
BC006931	expressed sequence AI597479(AI597479)	-2.15426
BC007160	transmembrane protein 168(Tmem168)	-1.94775
BC007162	PDGFA associated protein 1(Pdap1)	-1.90675
BC007171	eukaryotic translation initiation factor 4B(Eif4b)	-1.6731
BC007193	RIKEN cDNA C130026I21 gene(C130026I21Rik)	-1.88231
BC008524	high density lipoprotein (HDL) binding protein(Hdlbp)	-2.0139
BC009022	isocitrate dehydrogenase 3 (NAD+) beta(Idh3b)	-1.79736
BC009166	mitochondrial ribosomal protein L36(Mrpl36)	-1.53628
BC010520	arginyl aminopeptidase (aminopeptidase B)(Rnpep)	-1.96186
BC010601	poly-U binding splicing factor 60(Puf60)	-1.98615
BC010790	ATPase, H+ transporting, lysosomal V0 subunit E2(Atp6v0e2)	-1.57582
BC010799	glycine-N-acyltransferase(Glyat)	-1.91469
BC010827	guanosine monophosphate reductase(Gmpr)	-1.63675
BC011208	transmembrane protein 98(Tmem98)	-1.55715
BC011220	ER lipid raft associated 1(Erlin1)	-2.08913
BC011287	mindbomb E3 ubiquitin protein ligase 1(Mib1)	-1.84769
BC011293	solute carrier family 25, member 33(Slc25a33)	-2.42524
BC011300	Fgfr1op N-terminal like(Fopnl)	-1.83245
BC011340	CUB domain containing protein 1(Cdcp1)	-2.05706
BC011388	ubiquinol-cytochrome c reductase hinge protein(Uqcrh)	-1.51872
BC011457	transmembrane and coiled-coil domains 1(Tmco1)	-2.44698
BC012278	zinc finger protein 825(Zfp825)	-2.02377
BC012416	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 8(Ndufa8)	-1.88458
BC012522	electron transferring flavoprotein, dehydrogenase(Etfdh)	-1.66009
BC013079	MAK16 homolog(Mak16)	-1.92258
BC013499	DEP domain containing 7(Depdc7)	-1.63131
BC013522	CDGSH iron sulfur domain 1(Cisd1)	-1.53212
BC014699	eva-1 homolog A (C. elegans)(Eva1a)	-2.27514

BC014719	sorting nexin 11(Snx11)	-1.76204
BC014756	leucine rich repeat containing 8D(Lrrc8d)	-1.53405
BC014857	serine/arginine-rich splicing factor 7(Srsf7)	-1.61914
BC015283	protein kinase, AMP-activated, gamma 2 non-catalytic subunit(Prkag2)	-1.56944
BC015305	tafazzin(Taz)	-1.72267
BC015306	family with sequence similarity 19, member A5(Fam19a5)	-1.924
BE569977	No data	-1.96045
BE571871	No data	-2.04202
BF141398	No data	-1.6433
BF163506	No data	-1.57116
BF182413	No data	-1.55897
BF299809	No data	-2.12395
D10627	zinc finger protein 930(Zfp930)	-2.45535
D12724	No data	-1.9729
D12726	No data	-1.88433
D13200	No data	-1.88775
D14629	No data	-1.73473
D16598	No data	-2.23383
D30730	neurofibromatosis 1(Nf1)	-2.52061
D84237	ryanodine receptor 3(Ryr3)	-1.90702
J03783	interleukin 6(Il6)	-2.07028
J03880	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1(B4galt1)	-2.25321
J03953	glutathione S-transferase, mu 3(Gstm3)	-1.94997
K00083	interferon gamma(Ifng)	-1.68502
K00608	No data	-1.80402
K01347	glial fibrillary acidic protein(Gfap)	-2.01045
K02162	No data	-1.96112
L08217	No data	-1.65237
L08652	No data	-1.61139
L08989	immunoglobulin heavy chain (X24 family)(Igh-VX24)	-2.18355
L09036	No data	-1.84971
L10905	brain expressed X-linked 3(Bex3)	-2.16438
L11333	carboxylesterase 3A(Ces3a)	-1.86145
L16799	No data	-1.94444
L16846	B cell translocation gene 1, anti-proliferative(Btg1)	-1.51455
L17305	No data	-1.84247
L19552	No data	-1.51185
L20509	chaperonin containing Tcp1, subunit 3 (gamma)(Cct3)	-1.68635
L20957	No data	-1.50234
L23151	No data	-1.89283

L24160	No data	-1.75367
L31652	immunoglobulin (CD79A) binding protein 1(Igbp1)	-2.03189
L33257	No data	-1.54101
L33406	uromodulin(Umod)	-1.80225
L37414	No data	-2.54367
L78684	No data	-1.60407
M11900	No data	-2.05639
M12194	No data	-1.52222
M12237	No data	-1.66299
M13787	immunoglobulin heavy chain-like(LOC435333)	-1.96583
M13967	heat shock protein 8(Hspa8)	-2.97702
M14506	No data	-1.56939
M14830	No data	-1.69295
M17941	No data	-2.76184
M17943	No data	-2.28395
M18260	No data	-2.82648
M18503	No data	-1.86161
M18613	No data	-1.51193
M18947	No data	-1.60903
M19201	No data	-1.74289
M19441	No data	-1.75974
M19893	No data	-2.14723
M19895	No data	-1.99486
M19899	No data	-2.34138
M19905	immunoglobulin kappa variable 4-68(Igkv4-68)	-2.26678
M19906	No data	-1.63928
M21523	No data	-1.6073
M22604	No data	-1.69288
M24264	No data	-1.635
M25562	No data	-1.51838
M29241	No data	-1.51105
M29246	No data	-2.7538
M30208	No data	-1.94617
M31278	No data	-1.5527
M31962	No data	-2.40661
M32007	No data	-1.59367
M34633	No data	-1.641
M34734	No data	-2.10372
M34857	homeobox B9(Hoxb9)	-2.09546
M36747	No data	-1.76324
M36880	No data	-1.59051

M37016	No data	-1.84816
M55023	No data	-1.519
M55413	group specific component(Gc)	-1.60866
M57980	No data	-2.03384
M71214	No data	-1.61521
M74423	No data	-1.75502
M79303	RAB12, member RAS oncogene family(Rab12)	-1.51503
M79314	RAS related protein 1b(Rap1b)	-2.04175
M82903	Myb-related transcription factor, partner of profilin(Mypop)	-1.85837
M83063	No data	-1.51771
M84809	transcription factor CP2(Tfcp2)	-3.56556
M92405	No data	-1.91476
M94297	No data	-2.27508
M94307	No data	-1.50895
M97869	No data	-1.81775
M97872	No data	-1.50393
M97879	No data	-1.95075
NM_007414	ADP-ribosylarginine hydrolase(Adprh)	-1.84776
NM_007429	angiotensin II receptor, type 2(Agtr2)	-1.60477
NM_007439	anaplastic lymphoma kinase(Alk)	-1.75953
NM_007440	arachidonate 12-lipoxygenase(Alox12)	-2.28155
NM_007446	amylase 1, salivary(Amy1)	-1.78967
NM_007453	peroxiredoxin 6(Prdx6)	-2.30709
NM_007482	arginase, liver(Arg1)	-2.19834
NM_007484	ras homolog family member C(Rhoc)	-1.71391
NM_007488	aryl hydrocarbon receptor nuclear translocator 2(Arnt2)	-1.90945
NM_007493	asialoglycoprotein receptor 2(Asgr2)	-1.65806
NM_007548	PR domain containing 1, with ZNF domain(Prdm1)	-2.95056
NM_007556	bone morphogenetic protein 6(Bmp6)	-2.15388
NM_007559	bone morphogenetic protein 8b(Bmp8b)	-1.73459
NM_007567	bassoon(Bsn)	-1.64086
NM_007576	complement component 4 binding protein(C4bp)	-1.6797
NM_007615	catenin (cadherin associated protein), delta 1(Ctnnd1)	-1.91404
NM_007620	carbonyl reductase 1(Cbr1)	-2.35126
NM_007638	chaperonin containing Tcp1, subunit 7 (eta)(Cct7)	-2.10442
NM_007642	CD28 antigen(Cd28)	-1.52639
NM_007650	CD5 antigen(Cd5)	-1.84377
NM_007655	CD79A antigen (immunoglobulin-associated alpha)(Cd79a)	-2.16467
NM_007672	cerebellar degeneration-related 2(Cdr2)	-1.55623
NM_007719	chemokine (C-C motif) receptor 7(Ccr7)	-1.70059
NM_007747	cytochrome c oxidase subunit Va(Cox5a)	-2.10633

NM_007760	carnitine acetyltransferase(Crat)	-1.7791
NM_007791	cysteine and glycine-rich protein 1(Csrp1)	-1.98036
NM_007807	cytochrome b-245, beta polypeptide(Cybb)	-1.54709
NM_007824	cytochrome P450, family 7, subfamily a, polypeptide 1(Cyp7a1)	-2.73914
NM_007834	Down syndrome critical region gene 3(Dscr3)	-2.94381
NM_007846	defensin, alpha, related sequence 12(Defa-rs12)	-1.9577
NM_007854	solute carrier family 29 (nucleoside transporters), member 2(Slc29a2)	-1.79839
NM_007867	distal-less homeobox 4(Dlx4)	-1.55843
NM_007880	AT rich interactive domain 3A (BRIGHT-like)(Arid3a)	-1.69403
NM_007882	desmocollin 3(Dsc3)	-1.56229
NM_007885	solute carrier family 26 (sulfate transporter), member 2(Slc26a2)	-1.87254
NM_007892	E2F transcription factor 5(E2f5)	-1.94489
NM_007928	MAP/microtubule affinity regulating kinase 2(Mark2)	-1.70339
NM_007967	even-skipped homeobox 2(Evx2)	-1.63142
NM_007971	enhancer of zeste 2 polycomb repressive complex 2 subunit(Ezh2)	-3.06641
NM_007996	ferredoxin 1(Fdx1)	-2.47573
NM_008018	SH3 and PX domains 2A(Sh3pxd2a)	-1.94256
NM_008027	flotillin 1(Flot1)	-1.58986
NM_008028	flotillin 2(Flot2)	-2.31499
NM_008048	insulin-like growth factor binding protein 7(Igfbp7)	-1.67276
NM_008051	fucosyltransferase 1(Fut1)	-2.88967
NM_008071	gamma-aminobutyric acid (GABA) A receptor, subunit beta 3(Gabrb3)	-1.60138
NM_008073	gamma-aminobutyric acid (GABA) A receptor, subunit gamma 2(Gabrg2)	-1.50257
NM_008103	glial cells missing homolog 1 (Drosophila)(Gcm1)	-2.23733
NM_008139	guanine nucleotide binding protein, alpha q polypeptide(Gnaq)	-2.0047
NM_008188	THUMP domain containing 3(Thumpd3)	-1.92916
NM_008191	guanylate cyclase activator 2b (retina)(Guca2b)	-2.25672
NM_008206	histocompatibility 2, O region alpha locus(H2-Oa)	-1.6033
NM_008221	hemoglobin Y, beta-like embryonic chain(Hbb-y)	-1.68329
NM_008234	helicase, lymphoid specific(Hells)	-1.64913
NM_008267	homeobox B13(Hoxb13)	-2.09162
NM_008291	hydroxysteroid (17-beta) dehydrogenase 3(Hsd17b3)	-2.83713
NM_008317	hyaluronoglucosaminidase 1(Hyal1)	-1.55776
NM_008358	interleukin 15 receptor, alpha chain(Il15ra)	-1.62772
NM_008437	napsin A aspartic peptidase(Napsa)	-1.66341
NM_008451	kinesin light chain 2(Klc2)	-2.74609
NM_008477	kinectin 1(Ktn1)	-1.51609

NM_008515	leucine rich repeat (in FLII) interacting protein 1(Lrrfip1)	-2.69848
NM_008566	minichromosome maintenance complex component 5(Mcm5)	-1.65065
NM_008590	mesoderm specific transcript(Mest)	-2.1771
NM_008637	nudix (nucleoside diphosphate linked moiety X)-type motif 1(Nudt1)	-1.82122
NM_008654	protein phosphatase 1, regulatory (inhibitor) subunit 15A(Ppp1r15a)	-1.75442
NM_008715	integrator complex subunit 6(Ints6)	-1.92748
NM_008722	nucleophosmin 1(Npm1)	-2.66652
NM_008727	natriuretic peptide receptor 1(Npr1)	-1.83128
NM_008765	origin recognition complex, subunit 2(Orc2)	-1.82163
NM_008775	platelet-activating factor acetylhydrolase, isoform 1b, subunit 2(Pafah1b2)	-2.06481
NM_008776	platelet-activating factor acetylhydrolase, isoform 1b, subunit 3(Pafah1b3)	-2.73166
NM_008779	contactin 3(Cntn3)	-1.53552
NM_008783	pre B cell leukemia homeobox 1(Pbx1)	-2.15763
NM_008791	Purkinje cell protein 4(Pcp4)	-3.13071
NM_008804	phosphodiesterase 9A(Pde9a)	-1.92631
NM_008827	placental growth factor(Pgf)	-2.91769
NM_008856	protein kinase C, eta(Prkch)	-1.86875
NM_008866	lysophospholipase 1(Lypla1)	-1.97262
NM_008877	plasminogen(Plg)	-1.5787
NM_008884	promyelocytic leukemia(Pml)	-1.59893
NM_008892	polymerase (DNA directed), alpha 1(Pola1)	-1.71744
NM_008896	No data	-1.77658
NM_008897	No data	-1.593
NM_008907	peptidylprolyl isomerase A(Ppia)	-1.61919
NM_008921	DNA primase, p49 subunit(Prim1)	-1.50301
NM_009008	RAS-related C3 botulinum substrate 2(Rac2)	-2.24871
NM_009046	avian reticuloendotheliosis viral (v-rel) oncogene related B(Relb)	-1.82856
NM_009053	RFNG O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase(Rfng)	-1.75896
NM_009119	Sin3-associated polypeptide 18(Sap18)	-2.07386
NM_009129	secretogranin II(Scg2)	-2.04243
NM_009141	chemokine (C-X-C motif) ligand 5(Cxcl5)	-1.70723
NM_009152	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A(Sema3a)	-2.35495
NM_009171	serine hydroxymethyltransferase 1 (soluble)(Shmt1)	-1.90848
NM_009178	ST3 beta-galactoside alpha-2,3-sialyltransferase 4(St3gal4)	-1.74467
NM_009193	stem-loop binding protein(Slbp)	-1.76005

NM_009247	serine (or cysteine) peptidase inhibitor, clade A, member 1E(Serpina1e)	-1.95204
NM_009265	small proline-rich protein 1B(Sprr1b)	-1.75991
NM_009284	signal transducer and activator of transcription 6(Stat6)	-1.63051
NM_009322	T-box brain gene 1(Tbr1)	-2.39284
NM_009346	TEA domain family member 1(Tead1)	-1.57918
NM_009363	trefoil factor 2 (spasmolytic protein 1)(Tff2)	-1.86084
NM_009364	tissue factor pathway inhibitor 2(Tfpi2)	-2.06185
NM_009368	transforming growth factor, beta 3(Tgfb3)	-1.56323
NM_009403	tumor necrosis factor (ligand) superfamily, member 8(Tnfsf8)	-1.69055
NM_009410	topoisomerase (DNA) III alpha(Top3a)	-1.5171
NM_009418	tripeptidyl peptidase II(Tpp2)	-1.78711
NM_009429	tumor protein, translationally-controlled 1(Tpt1)	-2.02433
NM_009508	solute carrier family 32 (GABA vesicular transporter), member 1(Slc32a1)	-1.71572
NM_009509	villin 1(Vil1)	-2.12346
NM_009528	wingless-type MMTV integration site family, member 7B(Wnt7b)	-1.59722
NM_009550	zinc finger protein 2(Zfp2)	-1.53357
NM_009560	zinc finger protein 60(Zfp60)	-1.53434
NM_009573	zinc finger protein of the cerebellum 1(Zic1)	-3.9409
NM_009621	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 1(Adamts1)	-1.52179
NM_009627	adrenomedullin(Adm)	-1.77229
NM_009632	poly (ADP-ribose) polymerase family, member 2(Parp2)	-1.90255
NM_009658	aldo-keto reductase family 1, member B3 (aldose reductase)(Akr1b3)	-1.68922
NM_009669	No data	-1.77819
NM_009676	aldehyde oxidase 1(Aox1)	-2.10746
NM_009691	amyloid beta (A4) precursor-like protein 2(Aplp2)	-1.58717
NM_009692	apolipoprotein A-I(Apoa1)	-1.57575
NM_009701	aquaporin 5(Aqp5)	-1.81081
NM_009756	bone morphogenetic protein 10(Bmp10)	-2.74257
NM_009769	Kruppel-like factor 5(Klf5)	-1.51323
NM_009770	B cell translocation gene 3(Btg3)	-2.16689
NM_009821	runt related transcription factor 1(Runx1)	-1.56132
NM_009861	cell division cycle 42(Cdc42)	-1.78868
NM_009892	chitinase-like 3(Chil3)	-1.50422
NM_009915	chemokine (C-C motif) receptor 2(Ccr2)	-2.4831
NM_009949	carnitine palmitoyltransferase 2(Cpt2)	-1.7052
NM_009972	casein beta(Csn2)	-2.34025
NM_009973	casein alpha s2-like B(Csn1s2b)	-1.64834

NM_009977	cystatin F (leukocystatin)(Cst7)	-2.31841
NM_009979	cystatin 9(Cst9)	-1.59292
NM_009991	cytochrome P450, family 11, subfamily b, polypeptide 2(Cyp11b2)	-2.46474
NM_009995	cytochrome P450, family 21, subfamily a, polypeptide 1(Cyp21a1)	-1.54129
NM_010020	solute carrier family 6 (neurotransmitter transporter, dopamine), member 3(Slc6a3)	-1.61258
NM_010021	deleted in azoospermia-like(Dazl)	-1.91243
NM_010067	tRNA aspartic acid methyltransferase 1(Trdmt1)	-2.2116
NM_010112	embryonal Fyn-associated substrate(Efs)	-1.67488
NM_010124	eukaryotic translation initiation factor 4E binding protein 2(Eif4ebp2)	-1.50046
NM_010170	coagulation factor II (thrombin) receptor-like 2(F2rl2)	-2.19972
NM_010176	fumarylacetoacetate hydrolase(Fah)	-2.67548
NM_010206	fibroblast growth factor receptor 1(Fgfr1)	-2.15792
NM_010219	FK506 binding protein 4(Fkbp4)	-2.4986
NM_010241	thymoma viral proto-oncogene 1 interacting protein(Aktip)	-1.55358
NM_010259	guanylate binding protein 2b(Gbp2b)	-2.88741
NM_010262	gastrulation brain homeobox 2(Gbx2)	-1.73774
NM_010274	glycerol phosphate dehydrogenase 2, mitochondrial(Gpd2)	-2.23707
NM_010293	glycerol kinase-like 1(Gykl1)	-1.58053
NM_010352	germ cell associated 1(Gsg1)	-2.57937
NM_010353	germ cell associated 2, haspin(Gsg2)	-2.05298
NM_010363	glutathione transferase zeta 1 (maleylacetoacetate isomerase)(Gstz1)	-1.88762
NM_010368	glucuronidase, beta(Gusb)	-2.20381
NM_010445	H6 homeobox 1(Hmx1)	-2.07249
NM_010486	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 2 (Hu antigen B)(Elavl2)	-1.70898
NM_010497	isocitrate dehydrogenase 1 (NADP+), soluble(ldh1)	-1.6879
NM_010500	immediate early response 5(Ier5)	-2.23435
NM_010504	interferon alpha 4(Irna4)	-1.64102
NM_010505	interferon alpha 5(Irna5)	-1.73558
NM_010517	insulin-like growth factor binding protein 4(Igfbp4)	-1.69759
NM_010569	inversin(Invs)	-2.05256
NM_010602	potassium inwardly rectifying channel, subfamily J, member 11(Kcnj11)	-1.70304
NM_010606	potassium inwardly-rectifying channel, subfamily J, member 6(Kcnj6)	-2.35201
NM_010653	killer cell lectin-like receptor subfamily C, member 2(Klrc2)	-1.60057
NM_010710	LIM homeobox protein 2(Lhx2)	-2.62734

NM_010735	lymphotoxin A(Lta)	-2.47082
NM_010749	mannose-6-phosphate receptor, cation dependent(M6pr)	-1.56912
NM_010764	mannosidase 2, alpha B1(Man2b1)	-1.5273
NM_010786	transformed mouse 3T3 cell double minute 2(Mdm2)	-1.89039
NM_010799	multiple inositol polyphosphate histidine phosphatase 1(Minpp1)	-1.73944
NM_010804	myeloid/lymphoid or mixed-lineage leukemia; translocated to, 10(Mllt10)	-1.7047
NM_010811	N-deacetylase/N-sulfotransferase (heparan glucosaminy) 2(Ndst2)	-2.28469
NM_010880	nucleolin(Ncl)	-1.59124
NM_010898	neurofibromatosis 2(Nf2)	-1.61365
NM_010924	nicotinamide N-methyltransferase(Nnmt)	-1.99433
NM_011015	origin recognition complex, subunit 1(Orc1)	-1.63468
NM_011016	orosomuroid 2(Orm2)	-2.37491
NM_011108	phospholipase A2, group IIA (platelets, synovial fluid)(Pla2g2a)	-2.23962
NM_011168	prolactin family 7, subfamily a, member 2(Pr17a2)	-1.66924
NM_011252	RNA binding motif protein, X chromosome(Rbmx)	-2.75296
NM_011253	RNA binding motif protein, Y chromosome(Rbmy)	-2.16121
NM_011271	ribonuclease, RNase A family, 1 (pancreatic)(Rnase1)	-1.78995
NM_011325	sodium channel, nonvoltage-gated 1 beta(Scnn1b)	-1.79526
NM_011330	chemokine (C-C motif) ligand 11(Ccl11)	-2.101
NM_011360	sarcoglycan, epsilon(Sgce)	-2.64722
NM_011367	sex hormone binding globulin(Shbg)	-2.17274
NM_011372	ST6 (alpha-N-acetyl-neuraminy)l-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminide alpha-2,6-sialyltransferase 3(St6galnac3)	-1.57323
NM_011374	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1(St8sia1)	-2.04495
NM_011376	single-minded homolog 1 (Drosophila)(Sim1)	-2.39022
NM_011384	sine oculis-related homeobox 6(Six6)	-1.67581
NM_011409	schlafen 3(Slfn3)	-1.74048
NM_011415	snail family zinc finger 2(Snai2)	-1.52775
NM_011427	snail family zinc finger 1(Snai1)	-1.85268
NM_011432	U1 small nuclear ribonucleoprotein C(Snrpc)	-4.47013
NM_011472	small proline-rich protein 2F(Spr2f)	-1.93673
NM_011474	small proline-rich protein 2H(Spr2h)	-1.61327
NM_011481	src-related kinase lacking C-terminal regulatory tyrosine and N-terminal myristylation sites(Srms)	-2.19492
NM_011500	striatin, calmodulin binding protein(Strn)	-3.80443
NM_011518	spleen tyrosine kinase(Syk)	-2.60216
NM_011529	TRAF family member-associated Nf-kappa B activator(Tank)	-1.66579

NM_011561	thymine DNA glycosylase(Tdg)	-2.6238
NM_011579	T cell specific GTPase 1(Tgtp1)	-1.82522
NM_011613	tumor necrosis factor (ligand) superfamily, member 11(Tnfsf11)	-2.17889
NM_011619	troponin T2, cardiac(Tnnt2)	-1.91753
NM_011626	transmembrane protein 165(Tmem165)	-1.69353
NM_011668	ubiquitin protein ligase E3A(Ube3a)	-1.81814
NM_011670	ubiquitin carboxy-terminal hydrolase L1(Uchl1)	-1.63427
NM_011714	bromodomain adjacent to zinc finger domain, 1B(Baz1b)	-2.10883
NM_011725	X-linked lymphocyte-regulated(Xlr)	-1.54562
NM_011730	solute carrier family 6 (neurotransmitter transporter), member 18(Slc6a18)	-1.52269
NM_011775	zona pellucida glycoprotein 2(Zp2)	-1.58613
NM_011801	craniofacial development protein 1(Cfdp1)	-1.78441
NM_011813	Flt3 interacting zinc finger protein 1(Fiz1)	-2.25061
NM_011835	katanin p60 (ATPase-containing) subunit A1(Katna1)	-3.7592
NM_011837	lymphocyte antigen 6 complex, locus H(Ly6h)	-1.59415
NM_011839	mab-21-like 2 (C. elegans)(Mab21l2)	-1.56094
NM_011887	sodium channel, voltage-gated, type XI, alpha(Scn11a)	-1.52121
NM_011891	sarcoglycan, delta (dystrophin-associated glycoprotein)(Sgcd)	-1.75586
NM_011901	No data	-1.70164
NM_011911	vomer nasal 1, receptor 49(Vmn1r49)	-2.31502
NM_011937	glucosamine-6-phosphate deaminase 1(Gnpda1)	-2.3206
NM_011939	heat shock transcription factor 4(Hsf4)	-1.6302
NM_011942	lysophospholipase 2(Lypla2)	-1.5278
NM_011999	C-type lectin domain family 4, member a2(Clec4a2)	-1.81838
NM_012012	exonuclease 1(Exo1)	-1.89393
NM_012018	centriolin(Cntrl)	-1.59032
NM_012025	Rac GTPase-activating protein 1(Racgap1)	-1.64813
NM_012026	Rho guanine nucleotide exchange factor (GEF) 28(Arhgef28)	-1.5955
NM_012047	bromodomain containing 7(Brd7)	-2.1096
NM_013454	ATP-binding cassette, sub-family A (ABC1), member 1(Abca1)	-2.01467
NM_013510	erythrocyte membrane protein band 4.1 like 1(Epb41l1)	-1.6381
NM_013630	polycystic kidney disease 1 homolog(Pkd1)	-1.78849
NM_013632	purine-nucleoside phosphorylase(Pnp)	-1.89386
NM_013646	RAR-related orphan receptor alpha(Rora)	-1.55067
NM_013652	chemokine (C-C motif) ligand 4(Ccl4)	-2.47442
NM_013673	nuclear antigen Sp100(Sp100)	-2.63292
NM_013674	interferon regulatory factor 4(Irf4)	-2.30309
NM_013689	tec protein tyrosine kinase(Tec)	-2.14299
NM_013693	tumor necrosis factor(Tnf)	-1.50571
NM_013720	MAX gene associated(Mga)	-2.04754

NM_013756	defensin beta 3(Defb3)	-1.83018
NM_013790	ATP-binding cassette, sub-family C (CFTR/MRP), member 5(Abcc5)	-1.71502
NM_013847	glycine C-acetyltransferase (2-amino-3-ketobutyrate-coenzyme A ligase)(Gcat)	-1.94794
NM_015736	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 3(Galnt3)	-1.98084
NM_015750	neuraminidase 2(Neu2)	-1.61155
NM_015757	No data	-1.50501
NM_015766	Epstein-Barr virus induced gene 3(Ebi3)	-1.8066
NM_016696	glypican 1(Gpc1)	-1.83699
NM_016699	exosome component 10(Exosc10)	-2.77626
NM_016798	PDZ and LIM domain 3(Pdlim3)	-1.88991
NM_016811	diacylglycerol kinase, alpha(Dgka)	-1.71266
NM_016863	FK506 binding protein 1b(Fkbp1b)	-1.90711
NM_016867	GIPC PDZ domain containing family, member 2(Gipc2)	-1.66376
NM_016882	squamous cell carcinoma antigen recognized by T cells 1(Sart1)	-2.19149
NM_016885	endomucin(Emcn)	-2.42749
NM_016889	insulinoma-associated 1(Insm1)	-1.61675
NM_016915	phospholipase A2, group VI(Pla2g6)	-2.51889
NM_016916	bladder cancer associated protein(Blcap)	-2.03166
NM_016918	nudix (nucleoside diphosphate linked moiety X)-type motif 5(Nudt5)	-2.77459
NM_016968	oligodendrocyte transcription factor 1(Olig1)	-1.66797
NM_016974	D site albumin promoter binding protein(Dbp)	-3.14667
NM_017376	thyrotroph embryonic factor(Tef)	-2.53906
NM_017389	eosinophil-associated, ribonuclease A family, member 14(Ear14)	-2.56015
NM_017396	cytochrome P450, family 3, subfamily a, polypeptide 41A(Cyp3a41a)	-1.65452
NM_017402	Rho guanine nucleotide exchange factor (GEF7)(Arhgef7)	-2.85974
NM_017463	pre B cell leukemia homeobox 2(Pbx2)	-2.46944
NM_018739	retinitis pigmentosa 9 (human)(Rp9)	-1.66806
NM_018750	Ras association (RalGDS/AF-6) domain family member 5(Rassf5)	-2.10274
NM_018766	neurotensin receptor 1(Ntsr1)	-1.52558
NM_018855	growth arrest specific 8(Gas8)	-1.55702
NM_018859	aldo-keto reductase family 1, member E1(Akr1e1)	-1.65491
NM_018860	ribosomal protein L41(Rpl41)	-4.93928
NM_018867	carboxypeptidase X 2 (M14 family)(Cpxm2)	-1.88222
NM_019395	fructose biphosphatase 1(Fbp1)	-1.70938

NM_019404	arginine vasopressin receptor 2(Avpr2)	-1.94018
NM_019409	oligodendrocyte myelin glycoprotein(Omg)	-2.99618
NM_019418	tumor necrosis factor (ligand) superfamily, member 14(Tnfsf14)	-1.57645
NM_019430	calcium channel, voltage-dependent, gamma subunit 3(Cacng3)	-2.49042
NM_019432	transmembrane protein 37(Tmem37)	-1.66253
NM_019460	Scm-like with four mbt domains 1(Sfmbt1)	-1.77992
NM_019477	acyl-CoA synthetase long-chain family member 4(Acsl4)	-2.77801
NM_019494	chemokine (C-X-C motif) ligand 11(Cxcl11)	-2.05861
NM_019550	polypyrimidine tract binding protein 2(Ptbp2)	-2.27775
NM_019580	glycerophosphodiester phosphodiesterase 1(Gde1)	-2.3258
NM_019640	phosphatidylinositol transfer protein, beta(Pitpnb)	-2.20408
NM_019642	ribophorin II(Rpn2)	-1.59846
NM_019649	cleft lip and palate associated transmembrane protein 1(Clptm1)	-2.12902
NM_019660	MYC binding protein(Mycbp)	-1.66416
NM_019687	solute carrier family 22 (organic cation transporter), member 4(Slc22a4)	-1.62435
NM_019708	short coiled-coil protein(Scoc)	-1.86737
NM_019713	Ras association (RalGDS/AF-6) domain family member 1(Rassf1)	-1.66723
NM_019735	APAF1 interacting protein(Apip)	-1.95336
NM_019748	SUMO1 activating enzyme subunit 1(Sae1)	-1.68515
NM_019759	dermatopontin(Dpt)	-1.73769
NM_019789	Kv channel interacting protein 3, calsenilin(Kcnip3)	-1.85678
NM_019791	melanoma antigen, family D, 1(Maged1)	-2.50307
NM_019814	HIG1 domain family, member 1A(Higd1a)	-2.23671
NM_019870	N(alpha)-acetyltransferase 10, NatA catalytic subunit(Naa10)	-1.64223
NM_019910	demilune cell and parotid protein 1(Dcpp1)	-1.83875
NM_019911	tryptophan 2,3-dioxygenase(Tdo2)	-1.52195
NM_019934	secretory blood group 1(Sec1)	-1.8747
NM_019944	motor neuron and pancreas homeobox 1(Mnx1)	-2.3514
NM_019974	kallikrein related-peptidase 11(Klk11)	-1.58925
NM_019977	myo-inositol oxygenase(Miox)	-1.94701
NM_020001	C-type lectin domain family 4, member n(Clec4n)	-1.60912
NM_020010	cytochrome P450, family 51(Cyp51)	-1.78741
NM_020046	dihydroorotate dehydrogenase(Dhodh)	-1.68362
NM_020279	chemokine (C-C motif) ligand 28(Ccl28)	-1.56463
NM_020331	general transcription factor II I repeat domain-containing 1(Gtf2ird1)	-1.72877
NM_020493	serum response factor(Srf)	-1.52236
NM_020502	taste receptor, type 2, member 108(Tas2r108)	-1.58022

NM_020508	bromodomain containing 4(Brd4)	-1.64576
NM_020563	secretoglobin, family 1B, member 2(Scgb1b2)	-1.59031
NM_020565	sulfotransferase family 3A, member 1(Sult3a1)	-3.4312
NM_020606	parvin, alpha(Parva)	-1.69149
NM_021041	ATP-binding cassette, sub-family C (CFTR/MRP), member 9(Abcc9)	-1.61461
NM_021318	four and a half LIM domains 5(Fhl5)	-1.73321
NM_021342	potassium voltage-gated channel, Isk-related subfamily, gene 4(Kcne4)	-2.14765
NM_021353	solute carrier family 26, member 3(Slc26a3)	-1.56811
NM_021356	growth factor receptor bound protein 2-associated protein 1(Gab1)	-1.9641
NM_021400	proteoglycan 4 (megakaryocyte stimulating factor, articular superficial zone protein)(Prg4)	-2.01968
NM_021403	serine/arginine repetitive matrix 3(Srrm3)	-1.67452
NM_021408	Usher syndrome 2A(Ush2a)	-1.62374
NM_021480	L-threonine dehydrogenase(Tdh)	-2.82215
NM_021486	beta-carotene oxygenase 1(Bco1)	-1.92372
NM_021499	WD repeat containing, antisense to Trp73(Wrap73)	-1.7629
NM_021524	nicotinamide phosphoribosyltransferase(Nampt)	-1.87268
NM_021549	polynucleotide kinase 3'-phosphatase(Pnkp)	-1.84973
NM_021714	WW domain binding protein 11(Wbp11)	-1.54872
NM_022988	Ngg1 interacting factor 3-like 1 (S. pombe)(Nif3l1)	-1.51491
NM_023200	protein phosphatase 1, regulatory (inhibitor) subunit 7(Ppp1r7)	-1.79937
NM_023429	OCIA domain containing 1(Ociad1)	-1.90247
NM_023455	N-acetyltransferase 8 (GCN5-related)(Nat8)	-1.64417
NM_023718	solute carrier organic anion transporter family, member 1a6(Slco1a6)	-1.53675
NM_023835	tripartite motif-containing 12A(Trim12a)	-1.65037
NM_023907	forkhead box l1(Foxl1)	-1.5694
NM_024174	mitochondrial ribosomal protein S23(Mrps23)	-2.42124
NM_024199	cleavage stimulation factor, 3' pre-RNA, subunit 1(Cstf1)	-1.74319
NM_024201	coiled-coil domain containing 127(Ccdc127)	-1.62271
NM_024214	translocase of outer mitochondrial membrane 20 homolog (yeast)(Tomm20)	-1.53588
NM_024261	acidic residue methyltransferase 1(Armt1)	-1.88922
NM_024438	dual specificity phosphatase 19(Dusp19)	-1.6353
NM_024474	collagen, type XXVI, alpha 1(Col26a1)	-1.61806
NM_025320	RIKEN cDNA 0610012G03 gene(0610012G03Rik)	-1.94074
NM_025389	anaphase promoting complex subunit 11(Anapc11)	-1.70561
NM_025435	THO complex 7(Thoc7)	-1.52464
NM_025459	family with sequence similarity 134, member B(Fam134b)	-1.60618

NM_025466	gastrokine 1(Gkn1)	-1.75298
NM_025479	M-phase specific PLK1 intereacting protein(Mplkip)	-1.66362
NM_025520	LSM5 homolog, U6 small nuclear RNA and mRNA degradation associated(Lsm5)	-2.09102
NM_025533	nitric oxide synthase interacting protein(Nosip)	-1.65925
NM_025711	asporin(Aspn)	-1.79731
NM_025719	NFKB activating protein-like(Nkapl)	-1.51929
NM_025724	coiled-coil glutamate-rich protein 1(Ccer1)	-1.99108
NM_025730	leucine-rich repeat kinase 2(Lrrk2)	-1.76091
NM_025766	family with sequence similarity 187, member A(Fam187a)	-2.12659
NM_025768	GH regulated TBC protein 1(Grtp1)	-1.61894
NM_025798	histidine triad nucleotide binding protein 3(Hint3)	-1.70486
NM_025836	perilipin 3(Plin3)	-1.57356
NM_025842	vacuolar protein sorting 28(Vps28)	-1.58317
NM_025846	related RAS viral (r-ras) oncogene 2(Rras2)	-2.50215
NM_025879	trafficking protein particle complex 13(Trappc13)	-2.15507
NM_025884	zinc finger protein 830(Zfp830)	-1.63895
NM_025894	proteasome (prosome, macropain) 26S subunit, non-ATPase, 12(Psmd12)	-2.08626
NM_025975	dynein light chain Tctex-type 3(Dynlt3)	-2.28686
NM_026055	ribosomal protein L39(Rpl39)	-1.78892
NM_026069	ribosomal protein L37(Rpl37)	-2.0043
NM_026099	testis expressed 43(Tex43)	-2.28245
NM_026158	isochorismatase domain containing 2b(Isoc2b)	-1.84271
NM_026172	2,4-dienoyl CoA reductase 1, mitochondrial(Decr1)	-1.55611
NM_026219	ubiquinol-cytochrome c reductase binding protein(Uqcrb)	-2.10143
NM_026248	RIKEN cDNA 4930430A15 gene(4930430A15Rik)	-2.65065
NM_026262	RIKEN cDNA 4930524B15 gene(4930524B15Rik)	-2.01857
NM_026286	ferritin mitochondrial(Ftmt)	-1.85032
NM_026288	RIKEN cDNA 4930483J18 gene(4930483J18Rik)	-1.67685
NM_026290	armadillo repeat containing 12(Armc12)	-1.62239
NM_026300	RIKEN cDNA 4930549C01 gene(4930549C01Rik)	-2.23761
NM_026374	interleukin enhancer binding factor 2(Ifb2)	-1.95176
NM_026382	small nuclear ribonucleoprotein 48 (U11/U12)(Snrnp48)	-1.53061
NM_026386	sorting nexin 2(Snx2)	-1.56212
NM_026405	RAB32, member RAS oncogene family(Rab32)	-1.51866
NM_026410	cell division cycle associated 5(Cdca5)	-2.12289
NM_026429	trophoblast specific protein beta(Tpbpb)	-1.63192
NM_026433	transmembrane protein 100(Tmem100)	-2.0722
NM_026438	pyrophosphatase (inorganic) 1(Ppa1)	-1.96412
NM_026493	centrosome and spindle pole associated protein 1(Cspp1)	-2.19055

NM_026559	thioredoxin domain containing 17(Txn17)	-1.53872
NM_026565	apolipoprotein O-like(Apool)	-1.51837
NM_026625	RIKEN cDNA 1700067P10 gene(1700067P10Rik)	-2.57866
NM_026649	zinc finger protein 85, opposite strand(Zfp85os)	-2.40677
NM_026662	phosphoribosyl pyrophosphate synthetase 2(Prps2)	-2.11254
NM_026668	leucine-rich repeats and IQ motif containing 4(Lrriq4)	-1.5594
NM_026807	keratin associated protein 4-2(Krtap4-2)	-1.65994
NM_027170	RIKEN cDNA 2310057N15 gene(2310057N15Rik)	-1.82178
NM_027324	sideroflexin 1(Sfxn1)	-1.82477
NM_027609	spermatogenesis associated glutamate (E)-rich protein 4F1(Speer4f1)	-1.62015
NM_027639	No data	-1.54884
NM_028152	MMS19 (MET18 <i>S. cerevisiae</i>)(Mms19)	-1.65522
NM_029351	keratin associated protein 9-3(Krtap9-3)	-1.62944
NM_029509	guanylate-binding protein 8(Gbp8)	-1.5953
NM_029813	predicted gene 14296(Gm14296)	-1.59371
NM_030252	small integral membrane protein 12(Smim12)	-1.62796
NM_031192	renin 1 structural(Ren1)	-1.89295
NM_031250	urocortin 3(Ucn3)	-1.89842
NM_031385	testis expressed gene 18(Tex18)	-1.778
NM_031494	zinc finger protein 275(Zfp275)	-1.56144
NM_033354	SEC16 homolog B (<i>S. cerevisiae</i>)(Sec16b)	-1.66262
S43865	protein phosphatase 3, regulatory subunit B, alpha isoform (calcineurin B, type II)(Ppp3r2)	-1.54662
S50265	No data	-1.66087
S54207	No data	-1.88896
S59139	No data	-1.56437
S60833	No data	-1.73636
S66856	No data	-1.85429
S68022	BRCA1/BRCA2-containing complex, subunit 3(Brcc3)	-1.96507
S74545	No data	-2.3506
S78554	No data	-2.47524
S81417	No data	-1.9152
S83332	No data	-1.90735
S85735	No data	-2.12267
U00941	No data	-2.3298
U06662	oncofetal antigen(Ofa)	-1.96381
U07879	No data	-1.59281
U10305	killer cell lectin-like receptor, subfamily A, member 3(Klra3)	-1.55057
U12889	killer cell lectin-like receptor, subfamily A, member 8(Klra8)	-1.87675
U21455	No data	-1.97766
U21568	No data	-1.8979

U21570	No data	-1.79922
U21571	No data	-1.76159
U25122	No data	-1.78449
U26225	No data	-1.90738
U26229	No data	-1.69199
U26993	No data	-1.62013
U28068	neurogenic differentiation 1(Neurod1)	-1.80061
U29266	No data	-1.62516
U29504	zinc finger protein 26(Zfp26)	-2.06202
U29508	zinc finger protein 72(Zfp72)	-2.03654
U29510	zinc finger protein 52(Zfp52)	-1.9915
U37222	adiponectin, C1Q and collagen domain containing(Adipoq)	-2.04355
U38502	guanine nucleotide binding protein (G protein), alpha inhibiting 3(Gnai3)	-1.56935
U41805	transmembrane p24 trafficking protein 1(Tmed1)	-1.69526
U49723	guanylate cyclase 2c(Gucy2c)	-2.46854
U51459	No data	-1.75409
U51468	No data	-1.52962
U55443	No data	-1.65066
U55608	No data	-2.1723
U55616	No data	-1.76682
U55633	No data	-1.54888
U55643	No data	-1.86672
U55679	No data	-2.20342
U55680	No data	-1.62481
U55699	No data	-1.56775
U59509	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4(Ndufa4)	-2.17292
U62658	No data	-1.50739
U62922	No data	-2.18399
U63146	retinol binding protein 4, plasma(Rbp4)	-2.52389
U63547	No data	-2.20462
U68232	No data	-1.54754
U72679	fumarate hydratase 1(Fh1)	-2.28147
U73591	No data	-1.86203
U86735	No data	-1.65635
U87620	Spi-B transcription factor (Spi-1/PU.1 related)(Spib)	-2.29174
U89733	No data	-1.82509
U89735	No data	-1.76427
U90029	bicaudal D homolog 1 (Drosophila)(Bicd1)	-2.19618
U97181	No data	-2.07594
X02968	No data	-2.87806

X03688	eukaryotic translation elongation factor 1 alpha 1(Eef1a1)	-2.00008
X03766	actin, alpha 1, skeletal muscle(Acta1)	-1.64999
X03859	No data	-1.62472
X03943	receptor accessory protein 3(Reep3)	-1.59285
X04097	No data	-1.63934
X05786	No data	-1.58962
X05878	No data	-2.07149
X06505	No data	-1.87647
X06530	No data	-2.21836
X14623	immunoglobulin heavy variable 1-47(Ighv1-47)	-1.76391
X16493	zinc finger protein 1(Zfp1)	-1.77776
X17165	No data	-1.97389
X52448	No data	-1.52863
X55823	No data	-1.84924
X56461	homeobox B6(Hoxb6)	-1.70857
X56565	retinoic acid receptor, alpha(Rara)	-1.6819
X57302	No data	-1.73076
X58472	Kin17 DNA and RNA binding protein(Kin)	-2.28155
X61397	No data	-1.83077
X61756	No data	-2.02208
X61761	No data	-1.56395
X67210	Immunoglobulin heavy chain (gamma polypeptide)(Ighg)	-1.83054
X67801	No data	-1.61783
X70032	nebulin(Neb)	-2.30894
X73433	No data	-1.58696
X74134	nuclear receptor subfamily 2, group F, member 1(Nr2f1)	-2.30282
X79214	No data	-1.8285
X80436	nuclear transcription factor, X-box binding 1(Nfx1)	-2.31783
X87742	No data	-1.8287
X87747	No data	-1.51781
X89594	estrogen related receptor, beta(Esrrb)	-2.0562
X89693	olfactory receptor 242(Olfr242)	-2.28826
X93167	fibronectin 1(Fn1)	-1.77527
X95346	phospholipase C, gamma 1(Plcg1)	-2.07645
X96606	ovary testis transcribed(Ott)	-1.97775
X97581	sal-like 3 (Drosophila)(Sall3)	-2.65744
X98848	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 1(Pfkfb1)	-2.76848
X99246	No data	-1.8425
X99253	testis expressed gene 2(Tex2)	-1.54143
Y08234	No data	-1.97383

Y10972	No data	-1.8388
Y14821	No data	-2.81722
Y15526	olfactory receptor 77(Olfr77)	-2.5336
Y17856	ganglioside-induced differentiation-associated-protein 7(Gdap7)	-2.25544
Z12222	No data	-1.78571
Z12224	No data	-1.86835
Z12229	No data	-2.10256
Z12263	No data	-1.60881
Z12267	No data	-1.72722
Z12380	No data	-2.92528
Z12414	No data	-2.64156
Z12420	No data	-2.48084
Z12424	No data	-1.71653
Z12457	No data	-1.65021
Z12510	No data	-1.53962
Z12526	No data	-1.53966
Z16406	mesenchyme homeobox 2(Meox2)	-1.73037
Z18670	immunoglobulin kappa variable 4-68(Igkv4-68)	-1.84985
Z22029	No data	-2.05509
Z22043	No data	-1.62642
Z22092	No data	-1.65667
Z22098	No data	-3.42518
Z22141	No data	-1.57303
Z29628	POU domain, class 1, transcription factor 1(Pou1f1)	-1.57309
Z78150	solute carrier family 39 (zinc transporter), member 1(Slc39a1)	-1.9264
Z78157	No data	-2.15698
Z78161	ribulose-5-phosphate-3-epimerase(Rpe)	-3.29987
Z83810	dynein, axonemal, heavy chain 7B(Dnah7b)	-1.89867
Z86034	No data	-1.93385