

Supplementary Table S1

Probeset ID	Gene Title	Gene Symbol	p-value	Fold-Change (ko vs. wt)
1418173_at	keratin 25	Krt25	6.13E-08	-44.5281
1420409_at	keratin 35	Krt35	2.55E-06	-30.2456
1444061_at	RIKEN cDNA A030004J04 gene	A030004J04Rik	1.36E-06	-24.8627
1420465_s_at	major urinary protein 1 /// major urinary protein 2 /// RIKEN cDNA 2610016E04 ge	2610016E04Rik	1.84E-08	-22.5823
1448457_at	keratin 71	Krt71	3.33E-07	-22.4953
1430132_at	keratin 28	Krt28	2.33E-06	-21.5227
1419230_at	keratin 12	Krt12	2.09E-07	-19.7547
1436557_at	keratin 73	Krt73	2.99E-06	-16.7313
1418645_at	histidine ammonia lyase	Hal	1.59E-05	-16.2732
1449378_at	keratin 27	Krt27	5.60E-07	-15.1832
1460185_at	keratin 85 /// hypothetical protein LOC100044179	Krt85	1.16E-06	-14.879
1421856_at	S100 calcium binding protein A3	S100a3	5.53E-06	-12.9833
1419167_at	proline-rich acidic protein 1	Prap1	1.16E-06	-10.5433
1419231_s_at	keratin 12	Krt12	3.18E-06	-9.95287
1417732_at	annexin A8	Anxa8	1.46E-05	-8.9681
1419373_at	ATPase, H+ transporting, lysosomal V1 subunit B1	Atp6v1b1	1.48E-05	-8.32806
1425789_s_at	annexin A8	Anxa8	2.35E-06	-8.29758
1434484_at	RIKEN cDNA 1100001G20 gene	1100001G20Rik	3.82E-08	-8.04908
1458367_at	gene model 94, (NCBI)	Gm94	6.13E-08	-7.74899
1450645_at	metallothionein 4	Mt4	8.49E-06	-7.57947
1455996_x_at	proline-rich acidic protein 1	Prap1	1.88E-06	-6.8
1416646_at	alpha fetoprotein	Afp	4.83E-05	-6.44516
1460011_at	cytochrome P450, family 26, subfamily b, polypeptide 1	Cyp26b1	3.18E-05	-6.26163
1442389_at	2'-5' oligoadenylate synthetase 1F	Oas1f	1.34E-05	-6.11528
1419767_at	peptidyl arginine deiminase, type III	Padi3	2.07E-07	-6.11327
1418847_at	arginase type II	Arg2	1.93E-06	-5.95051
1415969_s_at	kidney androgen regulated protein	Kap	5.03E-06	-5.76976
1426154_s_at	major urinary protein 1 /// major urinary protein 2 /// major urinary protein 3	2610016E04Rik	5.33E-05	-5.55316
1427378_at	keratin 75	Krt75	4.36E-06	-5.48896
1455277_at	Hedgehog-interacting protein	Hhip	2.90E-05	-5.16994
1448881_at	haptoglobin	Hp	1.16E-05	-5.15497
1416645_a_at	alpha fetoprotein	Afp	0.0002912	-5.10148
1455201_x_at	apolipoprotein A-I	Apoa1	1.91E-05	-5.01388
1436160_at	keratin 26	Krt26	1.18E-05	-4.99437
1437933_at	Hedgehog-interacting protein	Hhip	2.12E-05	-4.96979
1438840_x_at	apolipoprotein A-I	Apoa1	4.29E-05	-4.86909
1425874_at	homeo box C13	Hoxc13	1.93E-05	-4.83684
1434340_at	RIKEN cDNA 1110020P15 gene	1110020P15Rik	1.02E-05	-4.79584
1424265_at	N-acetylneuraminase pyruvate lyase	Npl	8.19E-07	-4.78704
1421426_at	Hedgehog-interacting protein	Hhip	0.0001036	-4.55935
1425645_s_at	cytochrome P450, family 2, subfamily b, polypeptide 10	Cyp2b10	3.91E-05	-4.55762

1427211_at	keratin associated protein 8-1	Krtap8-1	4.47E-07	-4.49758
1419232_a_at	apolipoprotein A-I	Apoa1	2.24E-05	-4.37991
1438567_at	von Willebrand factor A domain containing 2	Vwa2	2.43E-05	-4.37424
1448470_at	fructose bisphosphatase 1	Fbp1	4.66E-05	-4.30117
1422939_at	serine (or cysteine) peptidase inhibitor, clade B, member 3C /// serine (or cyst	Serp1nb3b /// Serpinb3c	2.78E-07	-4.23295
1421001_a_at	carbonic anhydrase 6	Car6	9.54E-06	-4.21231
1451696_at	zinc finger protein 64	Zfp64	0.0002556	-4.17056
1418317_at	LIM homeobox protein 2	Lhx2	1.58E-05	-4.11456
1451835_at	SRY-box containing gene 21	Sox21	6.40E-06	-4.06581
1426268_at	RIKEN cDNA C130090K23 gene	C130090K23Rik	3.17E-05	-4.01925
1458659_at	placenta specific 9 /// similar to Placenta specific 9	LOC100039175	4.85E-05	-3.9975
1436055_at	leucine rich repeat containing 15	Lrrc15	3.60E-07	-3.97638
1431708_a_at	cytotoxic granule-associated RNA binding protein 1	Tia1	1.57E-06	-3.9316
1422940_x_at	serine (or cysteine) peptidase inhibitor, clade B, member 3C /// serine (or cyst	Serp1nb3b /// Serpinb3c	8.12E-06	-3.9266
1419618_at	butyrobetaine (gamma), 2-oxoglutarate dioxygenase 1 (gamma-butyrobetaine hydroxy	Bbox1	8.37E-06	-3.89119
1425594_at	laminin gamma 3	Lamc3	7.94E-05	-3.88484
1440310_at	Runt-related transcription factor 1; translocated to, 1 (cyclin D-related)	Runx1t1	7.38E-05	-3.85389
1424542_at	S100 calcium binding protein A4	S100a4	9.22E-06	-3.8533
1449387_at	keratin 33A	Krt33a	1.27E-05	-3.80168
1419233_x_at	apolipoprotein A-I	Apoa1	1.72E-05	-3.75543
1439543_at	RIKEN cDNA 1110064A23 gene	1110064A23Rik	2.14E-05	-3.75012
1417639_at	solute carrier family 22 (organic cation transporter), member 4	Slc22a4	5.58E-05	-3.71813
1439820_at	Transcribed locus	---	1.37E-06	-3.70244
1438841_s_at	arginase type II	Arg2	0.0005023	-3.68156
1427355_at	calcitonin/calcitonin-related polypeptide, alpha	Calca	6.28E-06	-3.67139
1459348_at	---	---	1.30E-05	-3.62598
1448136_at	ectonucleotide pyrophosphatase/phosphodiesterase 2	Enpp2	4.45E-06	-3.59
1422257_s_at	cytochrome P450, family 2, subfamily b, polypeptide 10	Cyp2b10	0.0001393	-3.58526
1453214_at	leucine rich repeat containing 15	Lrrc15	4.84E-06	-3.55429
1418149_at	chromogranin A	Chga	3.83E-05	-3.51567
1416832_at	solute carrier family 39 (metal ion transporter), member 8	Slc39a8	4.92E-05	-3.51553
1452590_a_at	placenta specific 9 /// similar to Placenta specific 9	LOC100039175	7.91E-07	-3.50892
1441627_at	Transcribed locus	---	1.63E-06	-3.48058
1446929_at	predicted gene, ENSMUSG00000073981	ENSMUSG00000073981	0.0001332	-3.47625
1452416_at	interleukin 6 receptor, alpha	Il6ra	0.0005131	-3.41523
1438849_at	keratin 78	Krt78	1.15E-05	-3.39537
1441977_at	RIKEN cDNA 9630023C09 gene	9630023C09Rik	1.15E-05	-3.38278
1451596_a_at	sphingosine kinase 1	Sphk1	0.0001432	-3.37723
1419100_at	serine (or cysteine) peptidase inhibitor, clade A, member 3N	Serpina3n	3.40E-05	-3.37462
1416413_at	cathepsin J	Ctsj	0.000134	-3.3677
1420562_at	secreted Ly6/Plaur domain containing 1	Slurp1	2.07E-05	-3.36461
1435579_at	Transcribed locus	---	1.53E-06	-3.36277
1419188_s_at	chemokine (C-C motif) ligand 27 /// novel protein identical to chemokine (C-C mo	Ccl27	4.97E-06	-3.31124
1419017_at	corin	Corin	1.13E-05	-3.26788
1452270_s_at	cubilin (intrinsic factor-cobalamin receptor)	Cubn	0.0003536	-3.2617

1436448_a_at	prostaglandin-endoperoxide synthase 1	Ptgs1	2.20E-05	-3.25409
1430379_at	RIKEN cDNA 5830411K21 gene	5830411K21Rik	6.88E-05	-3.18151
1439852_at	---	---	8.46E-05	-3.17303
1449360_at	colony stimulating factor 2 receptor, beta 2, low-affinity (granulocyte-macrophage)	Csf2rb2	2.21E-05	-3.14497
1442067_at	Transcribed locus	---	3.93E-05	-3.14145
1446669_at	---	---	3.18E-06	-3.13692
1445025_at	expressed sequence AU015536	AU015536	0.0002539	-3.11317
1449461_at	retinol binding protein 7, cellular	Rbp7	5.96E-05	-3.10842
1416935_at	transient receptor potential cation channel, subfamily V, member 2	Trpv2	0.000678	-3.08289
1425611_a_at	cut-like homeobox 1	Cux1	1.27E-05	-3.07814
1442845_at	RIKEN cDNA C130075A20 gene	C130075A20Rik	7.12E-05	-3.05509
1440372_at	Transcribed locus	---	6.29E-05	-3.04595
1450317_at	C-type lectin domain family 2, member g	Clec2g	0.0007536	-3.02498
1429693_at	disabled homolog 2 (Drosophila)	Dab2	5.73E-05	-3.01725
1459289_at	---	---	0.0001081	-3.00632
1438861_at	basonuclin 2	Bnc2	2.64E-07	-3.00485
1438245_at	---	---	2.74E-06	-3.00231
1456010_x_at	hairy and enhancer of split 5 (Drosophila)	Hes5	0.0002763	-2.95998
1458830_at	Transcribed locus	---	1.04E-05	-2.95325
1460056_at	RIKEN cDNA 1700109F18 gene	1700109F18Rik	0.0001132	-2.94906
1450988_at	leucine rich repeat containing G protein coupled receptor 5	Lgr5	3.60E-06	-2.93654
1441172_at	---	---	4.69E-05	-2.90819
1441375_at	---	---	0.0001264	-2.90448
1440593_at	---	---	7.38E-05	-2.89928
1448962_at	myosin, heavy polypeptide 11, smooth muscle	Myh11	0.0009895	-2.89252
1417155_at	v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian)	Mycn	3.75E-05	-2.89229
1440304_at	Transcribed locus, moderately similar to XP_001479965.1 PREDICTED: hypothetical	---	1.67E-05	-2.89063
1440465_at	Transcribed locus	---	0.0002241	-2.88377
1423135_at	thymus cell antigen 1, theta	Thy1	4.65E-07	-2.82285
1439928_at	Transcribed locus	---	6.15E-05	-2.81581
1437667_a_at	BTB and CNC homology 2	Bach2	1.57E-05	-2.8157
1451715_at	v-maf musculoaponeurotic fibrosarcoma oncogene family, protein B (avian)	Mafb	1.78E-05	-2.81302
1421598_at	---	---	0.0001704	-2.81221
1453523_at	keratin associated protein 17-1	Krtap17-1	0.000586	-2.81138
1440339_at	ectonucleotide pyrophosphatase/phosphodiesterase 1 /// RIKEN cDNA 4833416E15 gene	4833416E15Rik /// Enpp1	0.0002975	-2.80591
1456778_at	Transcribed locus	---	3.10E-06	-2.80524
1449455_at	hemopoietic cell kinase	Hck	9.31E-06	-2.79501
1449565_at	cytochrome P450, family 2, subfamily g, polypeptide 1	Cyp2g1	5.09E-05	-2.79327
1442576_at	cAMP responsive element binding protein 5	Creb5	9.37E-05	-2.79119
1448793_a_at	syndecan 4	Sdc4	9.96E-08	-2.79064
1437574_at	a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motifs	Adamts18	2.56E-06	-2.78936
1441165_s_at	calyculin 2	Clstn2	3.69E-05	-2.78737
1445518_at	Transcribed locus	---	0.0004729	-2.77958
1417419_at	cyclin D1	Ccnd1	1.02E-07	-2.77629
1440586_at	RIKEN cDNA B430203I24 gene	B430203I24Rik	8.98E-05	-2.77486

1437431_at	Cut-like homeobox 1	Cux1	8.85E-05	-2.76801
1431118_at	RIKEN cDNA 6720427H10 gene	6720427H10Rik	0.0001399	-2.76136
1451716_at	v-maf musculoaponeurotic fibrosarcoma oncogene family, protein B (avian)	Mafb	2.82E-05	-2.75899
1423281_at	stathmin-like 2	Stmn2	4.40E-06	-2.75861
1451758_at	laminin gamma 3	Lamc3	5.09E-05	-2.75831
1446484_at	---	---	0.0001254	-2.75323
1420796_at	aryl-hydrocarbon receptor repressor	Ahrr	0.0002129	-2.74906
1455965_at	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin ty	Adamts4	2.34E-05	-2.742
1439798_at	homeo box C10	Hoxc10	1.92E-05	-2.7384
1457324_at	Transcribed locus	---	0.0002287	-2.7384
1460318_at	cysteine and glycine-rich protein 3	Csrp3	7.20E-07	-2.72399
1459256_at	Transcribed locus	---	0.0001061	-2.71338
1441956_s_at	Cut-like homeobox 1	Cux1	0.0005849	-2.71151
1459030_at	butyrobetaine (gamma), 2-oxoglutarate dioxygenase 1 (gamma-butyrobetaine hydroxy	Bbox1	5.85E-06	-2.70939
1454200_at	zinc finger E-box binding homeobox 2	Zeb2	8.89E-05	-2.70937
1437540_at	muclipin 3	Mcoln3	0.0002342	-2.70181
1438714_at	Transcribed locus	---	5.54E-06	-2.6949
1416612_at	cytochrome P450, family 1, subfamily b, polypeptide 1	Cyp1b1	6.90E-06	-2.69188
1442992_at	hypothetical LOC403343	130004C03	5.90E-05	-2.69034
1418344_at	transmembrane protein 8 (five membrane-spanning domains)	Tmem8	7.88E-05	-2.68979
1458941_at	zinc finger E-box binding homeobox 2	Zeb2	1.23E-05	-2.68767
1438214_at	trichorhinophalangeal syndrome I (human)	Trps1	4.26E-06	-2.68502
1433043_at	versican	Vcan	0.000133	-2.68364
1430448_at	RIKEN cDNA 6720418B01 gene	6720418B01Rik	7.33E-05	-2.68099
1453924_a_at	prostaglandin F receptor	Ptgr	9.28E-05	-2.67087
1447071_at	---	---	0.000247	-2.66865
1426990_at	cubilin (intrinsic factor-cobalamin receptor)	Cubn	8.18E-05	-2.66545
1458605_at	---	---	8.15E-05	-2.65243
1442393_at	---	---	0.0003059	-2.65017
1424596_s_at	LIM and cysteine-rich domains 1	Lmcd1	3.72E-05	-2.64348
1441507_at	spectrin beta 2	Spnb2	3.22E-05	-2.63543
1436515_at	BTB and CNC homology 2	Bach2	2.34E-07	-2.63408
1447831_s_at	myotubularin related protein 7	Mtmr7	1.41E-05	-2.63392
1455660_at	colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage	Csf2rb	0.0001404	-2.6327
1418778_at	coiled-coil domain containing 109B	Ccdc109b	2.77E-05	-2.62796
1439946_at	---	---	4.48E-06	-2.62693
1455257_at	integrin beta 3	Itgb3	4.45E-05	-2.62495
1430635_at	melan-A	Mlana	0.0002513	-2.62394
1418090_at	plasmalemma vesicle associated protein	Plvap	2.73E-06	-2.6216
1424155_at	fatty acid binding protein 4, adipocyte	Fabp4	0.0003002	-2.61475
1448698_at	cyclin D1	Ccnd1	9.73E-08	-2.60968
1441679_at	---	---	0.0003765	-2.60702
1439686_at	Transcribed locus	---	0.0004083	-2.60555
1441539_at	---	---	0.0001764	-2.60544
1425644_at	leptin receptor	Lepr	3.09E-05	-2.6033

1439546_at	RIKEN cDNA 4933417O08 gene	4933417O08Rik	2.88E-06	-2.59874
1446380_at	RIKEN cDNA 9430076C15 gene	9430076C15Rik	4.64E-05	-2.59298
1438301_at	Transcribed locus	---	3.51E-05	-2.59138
1426155_a_at	odd-skipped related 2 (Drosophila)	Osr2	9.29E-05	-2.58619
1448932_at	keratin 16	Krt16	0.0003223	-2.58518
1416776_at	crystallin, mu	Crym	0.000527	-2.5738
1440026_at	---	---	0.0002235	-2.57212
1426528_at	neuropilin 2	Nrp2	4.73E-06	-2.56575
1423285_at	coagulation factor C homolog (Limulus polyphemus)	Coch	0.000201	-2.5629
1434819_at	beta galactoside alpha 2,6 sialyltransferase 2	St6gal2	0.0008101	-2.56093
1436869_at	sonic hedgehog	Shh	5.96E-06	-2.55793
1455377_at	tubulin tyrosine ligase-like family, member 7	Ttl7	0.0010255	-2.55657
1423414_at	prostaglandin-endoperoxide synthase 1	Ptgs1	3.68E-05	-2.55569
1426852_x_at	nephroblastoma overexpressed gene	Nov	0.0001036	-2.55323
1442504_at	Transcribed locus	---	0.0001165	-2.55162
1448710_at	chemokine (C-X-C motif) receptor 4	Cxcr4	0.0002499	-2.5507
1439100_s_at	keratin associated protein 11-1	Krtap11-1	0.0001792	-2.54916
1430320_at	dystrophin, muscular dystrophy	Dmd	0.0004353	-2.54739
1425505_at	myosin, light polypeptide kinase	Mylk	6.25E-07	-2.53622
1458551_at	predicted gene, ENSMUSG00000069163	ENSMUSG00000069163	0.0006777	-2.53338
1444253_at	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin ty	Adamts18	9.98E-05	-2.53298
1457445_at	trichorhinophalangeal syndrome I (human)	Trps1	3.93E-06	-2.53176
1456983_at	Transcribed locus	---	5.58E-05	-2.52131
1446247_at	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin ty	Adamts18	0.000852	-2.52062
1441372_at	RIKEN cDNA 5930405F01 gene	5930405F01Rik	0.0001551	-2.52061
1439449_at	special AT-rich sequence binding protein 1	Satb1	0.0008092	-2.51733
1457047_at	Transcribed locus	---	0.0008343	-2.51524
1440660_at	---	---	0.0003288	-2.51261
1439663_at	Patched homolog 1	Ptch1	0.0002001	-2.50074
1433583_at	zinc finger protein 365	Zfp365	0.0003211	-2.49804
1436864_at	---	---	0.0010065	-2.49784
1435349_at	neuropilin 2	Nrp2	9.53E-08	-2.49597
1459847_x_at	glial cell line derived neurotrophic factor family receptor alpha 2	Gfra2	0.0002098	-2.49464
1460666_a_at	early B-cell factor 3	Ebf3	0.0009793	-2.49363
1460587_at	RIKEN cDNA B230215L15 gene	B230215L15Rik	9.19E-05	-2.48848
1458057_at	---	---	2.51E-06	-2.48537
1448502_at	solute carrier family 16 (monocarboxylic acid transporters), member 7	Slc16a7	0.000441	-2.48229
1419276_at	ectonucleotide pyrophosphatase/phosphodiesterase 1	Enpp1	0.0001661	-2.47804
1420349_at	prostaglandin F receptor	Ptgr	4.32E-05	-2.47757
1416752_at	LIM domain binding 3	Ldb3	0.0001124	-2.47243
1436755_at	inter-alpha (globulin) inhibitor H5	Itih5	2.52E-05	-2.46585
1421564_at	serine (or cysteine) peptidase inhibitor, clade A, member 3C	Serpina3c	0.0001048	-2.46436
1427520_a_at	myosin, heavy polypeptide 1, skeletal muscle, adult	Myh1	0.0018931	-2.45813
1446481_at	---	---	0.0001515	-2.45366
1425312_s_at	cleavage and polyadenylation specific factor 4-like	Cpsf4l	3.65E-05	-2.44778

1427597_at	pleckstrin homology domain containing, family H (with MyTH4 domain) member 2	Plekhh2	1.41E-05	-2.44637
1443263_at	---	---	0.0001494	-2.43945
1459183_at	---	---	0.0003166	-2.43488
1421589_at	keratin 31	Krt31	0.000156	-2.43159
1423396_at	angiotensinogen (serpin peptidase inhibitor, clade A, member 8)	Agt	1.50E-05	-2.42965
1421028_a_at	myocyte enhancer factor 2C	Mef2c	2.13E-05	-2.41785
1458050_at	---	---	1.78E-05	-2.41476
1450179_at	sclerostin	Sost	0.0007265	-2.41441
1417101_at	heat shock protein 2	Hspa2	0.0002009	-2.41364
1438083_at	Hedgehog-interacting protein	Hhip	0.0002712	-2.41112
1436398_at	Transcribed locus	---	0.0001646	-2.40757
1439650_at	reticulon 4	Rtn4	4.87E-05	-2.40541
1435551_at	formin homology 2 domain containing 3	Fhod3	4.58E-05	-2.40478
1450482_a_at	paired-like homeodomain transcription factor 2	Pitx2	0.000151	-2.40301
1427510_at	guanine nucleotide binding protein (G protein), alpha inhibiting 1	Gnai1	3.15E-05	-2.40177
1448575_at	interleukin 7 receptor	Il7r	6.64E-05	-2.4015
1449530_at	trichorhinophalangeal syndrome I (human) /// similar to Trps1 protein	LOC100044341 /// Trps1	0.0001979	-2.40095
1426951_at	cysteine rich transmembrane BMP regulator 1 (chordin like)	Crim1	7.22E-05	-2.39923
1455535_at	SRY-box containing gene 5 /// RIKEN cDNA A730017D01 gene	A730017D01Rik /// Sox5	0.0010609	-2.39691
1425002_at	secreted and transmembrane 1A	Sectm1a	0.0007155	-2.3956
1431694_a_at	catenin beta interacting protein 1	Ctnnbip1	1.29E-05	-2.39425
1443847_x_at	AF4/FMR2 family, member 2	Aff2	7.78E-05	-2.39105
1420747_at	per-pentamer repeat gene	Ppnr	6.46E-05	-2.38748
1436504_x_at	apolipoprotein A-IV	Apoa4	1.35E-06	-2.38705
1448785_at	runt-related transcription factor 1; translocated to, 1 (cyclin D-related)	Runx1t1	0.0001314	-2.38681
1447204_at	---	---	2.74E-06	-2.37826
1458739_at	---	---	0.0005548	-2.37678
1458823_at	---	---	2.47E-05	-2.37524
1419691_at	cathelicidin antimicrobial peptide	Camp	0.0003837	-2.37282
1441333_at	---	---	1.84E-05	-2.36892
1436520_at	AHNAK nucleoprotein 2	Ahnak2	0.000489	-2.36778
1433716_x_at	glial cell line derived neurotrophic factor family receptor alpha 2	Gfra2	0.0037134	-2.36579
1441509_at	RIKEN cDNA A130009I22 gene	A130009I22Rik	9.30E-06	-2.36515
1444045_at	Transcribed locus	---	0.0001307	-2.35217
1422303_a_at	tumor necrosis factor receptor superfamily, member 18	Tnfrsf18	5.69E-05	-2.34712
1439586_at	hypothetical LOC548102	LOC548102	0.0025684	-2.34171
1459695_at	---	---	6.25E-05	-2.3413
1439819_at	expressed sequence AU015263	AU015263	0.0009588	-2.33982
1418606_at	homeo box D10	Hoxd10	0.0002503	-2.33755
1417676_a_at	protein tyrosine phosphatase, receptor type, O	Ptpro	0.0001093	-2.33676
1441584_at	---	---	8.83E-05	-2.33155
1422592_at	catenin (cadherin associated protein), delta 2 /// similar to arm-repeat protein	Ctnnd2 /// LOC100045979	0.0003977	-2.33058
1458220_at	deleted in liver cancer 1	Dlc1	0.0003276	-2.33033
1451857_a_at	notum pectinacylesterase homolog (Drosophila)	Notum	0.0002068	-2.3301
1435044_at	early B-cell factor 4	Ebf4	0.0001112	-2.32481

1429018_at	RIKEN cDNA 3830408D24 gene	3830408D24Rik	6.74E-05	-2.3245
1447343_at	neuropilin 2	Nrp2	0.0012492	-2.32097
1449996_a_at	tropomyosin 3, gamma	Tpm3	0.0004246	-2.32049
1439191_at	Transcribed locus	---	4.47E-05	-2.31516
1449064_at	L-threonine dehydrogenase	Tdh	9.88E-06	-2.31299
1426225_at	retinol binding protein 4, plasma	Rbp4	1.51E-05	-2.31018
1444628_at	a disintegrin and metallopeptidase domain 33	Adam33	0.002951	-2.30902
1443471_at	zinc finger and BTB domain containing 20	Zbtb20	0.0002277	-2.3023
1424890_at	basonuclin 1	Bnc1	2.08E-05	-2.30156
1459595_at	Transcribed locus	---	0.0008011	-2.3002
1453586_at	ectonucleoside triphosphate diphosphohydrolase 1	Entpd1	0.0002772	-2.30014
1423326_at	ectonucleoside triphosphate diphosphohydrolase 1	Entpd1	0.0006069	-2.2983
1453646_at	RIKEN cDNA 3110005L21 gene	3110005L21Rik	0.0001259	-2.2954
1436879_x_at	alpha fetoprotein	Afp	0.0008109	-2.29344
1445984_at	Transcribed locus	---	0.0010767	-2.29322
1435290_x_at	histocompatibility 2, class II antigen A, alpha	H2-Aa	5.52E-05	-2.29282
1448553_at	myosin, heavy polypeptide 7, cardiac muscle, beta /// similar to myosin, heavy p	LOC674761 /// Myh7	6.87E-06	-2.29024
1441230_at	---	---	1.73E-05	-2.28197
1452001_at	nuclear factor, erythroid derived 2	Nfe2	0.0008928	-2.28117
1427320_at	coatomer protein complex, subunit gamma 2, antisense 2	Copg2as2	2.92E-07	-2.28028
1435455_at	expressed sequence C79267	C79267	8.52E-05	-2.27733
1434425_at	trichohyalin	Tchh	0.0005049	-2.27369
1418492_at	gremlin 2 homolog, cysteine knot superfamily (<i>Xenopus laevis</i>)	Grem2	6.75E-06	-2.2728
1437318_at	p21 (CDKN1A)-activated kinase 3	Pak3	2.70E-05	-2.27239
1443289_at	Transcribed locus	---	3.70E-05	-2.27114
1442033_at	C1q and tumor necrosis factor related protein 9	C1qtnf9	3.94E-05	-2.27083
1441384_at	Transcribed locus	---	0.0001228	-2.27039
1437473_at	avian musculoaponeurotic fibrosarcoma (v-maf) AS42 oncogene homolog	Maf	0.0001527	-2.26451
1444646_at	RIKEN cDNA 8430420F16 gene	8430420F16Rik	0.000192	-2.26448
1438244_at	nuclear factor I/B	Nfib	0.0001104	-2.26401
1443906_at	CD55 antigen	Cd55	0.0001342	-2.26363
1440563_at	Transcribed locus	---	7.20E-05	-2.26355
1452946_a_at	rafflin family member 2	Rftn2	7.15E-05	-2.26213
1434683_at	Transcribed locus	---	2.02E-05	-2.26108
1442916_at	Transcribed locus	---	0.0020885	-2.26086
1455435_s_at	choline dehydrogenase	Chdh	9.43E-05	-2.25816
1448877_at	distal-less homeobox 2	Dlx2	0.0006655	-2.2575
1442680_at	Transcribed locus	---	0.0009953	-2.25734
1447933_at	kinesin family member 26A	Kif26a	6.66E-05	-2.25717
1452391_at	coxsackievirus and adenovirus receptor	Cxadr	0.0002965	-2.25625
1427263_at	inactive X specific transcripts	Xist	0.0001599	-2.2514
1445831_at	---	---	2.56E-05	-2.24967
1436936_s_at	inactive X specific transcripts	Xist	0.0004665	-2.24466
1432022_at	Cdc42 GTPase-activating protein	Cdgap	0.0002045	-2.24307
1423280_at	stathmin-like 2	Stmn2	6.95E-06	-2.243

1443086_at	activated leukocyte cell adhesion molecule	Alcam	0.000101	-2.24132
1446324_at	Transcribed locus	---	9.44E-06	-2.23977
1442605_at	Transcribed locus, moderately similar to XP_001479965.1 PREDICTED: hypothetical	---	0.0001442	-2.23951
1427035_at	solute carrier family 39 (zinc transporter), member 14	Slc39a14	2.85E-05	-2.23901
1438702_at	fibronectin leucine rich transmembrane protein 2	Flrt2	3.75E-06	-2.23716
1433086_at	RIKEN cDNA 5930427J20 gene	5930427J20Rik	2.16E-05	-2.23376
1439353_x_at	transmembrane protein 56	Tmem56	0.0130276	-2.23314
1424187_at	coiled-coil domain containing 80	Ccdc80	1.00E-05	-2.23246
1421596_s_at	histocompatibility 28	H28	0.0005797	-2.23075
1417420_at	cyclin D1	Ccnd1	0.000316	-2.23011
1456156_at	leptin receptor	Lepr	0.0021888	-2.22751
1447928_at	carbonic anhydrase 5b, mitochondrial	Car5b	4.38E-05	-2.22591
1445855_at	RIKEN cDNA A030007L17 gene	A030007L17Rik	0.0009442	-2.22451
1421326_at	colony stimulating factor 2 receptor, beta, low-affinity (granulocyte-macrophage	Csf2rb	0.0009736	-2.22344
1425779_a_at	T-box 1	Tbx1	0.0003436	-2.222
1427365_at	keratin 86	Krt86	0.0001862	-2.2191
1423381_at	RIKEN cDNA 4921521F21 gene	4921521F21Rik	0.0004312	-2.21648
1432686_at	RIKEN cDNA 4833406M21 gene	4833406M21Rik	0.0005725	-2.21544
1440635_at	palladin, cytoskeletal associated protein	Palld	0.0003634	-2.21433
1427025_at	myotubularin related protein 7	Mtmr7	2.69E-05	-2.21358
1452431_s_at	histocompatibility 2, class II antigen A, alpha	H2-Aa	0.0003903	-2.21132
1439839_at	RIKEN cDNA D130051D11 gene	D130051D11Rik	9.87E-06	-2.2104
1442194_at	expressed sequence AU018552	AU018552	1.94E-05	-2.20889
1434110_x_at	major urinary protein 1 /// major urinary protein 2 /// RIKEN cDNA 2610016E04 ge	2610016E04Rik /// Mup1 /// M	0.0002039	-2.20832
1425226_x_at	similar to T-cell receptor beta-2 chain C region	LOC665506	1.66E-05	-2.20533
1422748_at	zinc finger E-box binding homeobox 2	Zeb2	1.97E-05	-2.20415
1443240_at	---	---	0.000169	-2.2025
1441991_at	cDNA sequence BC039632	BC039632	0.0004184	-2.20236
1435267_at	RIKEN cDNA A430108E01 gene	A430108E01Rik	4.74E-06	-2.20208
1427123_s_at	coatomer protein complex, subunit gamma 2, antisense 2	Copg2as2	0.0001939	-2.20024
1421287_a_at	platelet/endothelial cell adhesion molecule 1	Pecam1	1.26E-05	-2.19921
1421253_at	nebulin-related anchoring protein	Nrap	0.0001952	-2.19428
1419302_at	hairy/enhancer-of-split related with YRPW motif-like	Heyl	7.00E-05	-2.19368
1434341_x_at	RIKEN cDNA 1110020P15 gene /// predicted gene, EG622178	1110020P15Rik /// EG622178	1.41E-05	-2.19291
1432331_a_at	paired related homeobox 2	Prrx2	0.0007545	-2.1911
1457966_at	Transcribed locus	---	0.0003018	-2.18941
1430672_at	RIKEN cDNA 5033418A18 gene	5033418A18Rik	8.51E-06	-2.18577
1444472_at	---	---	3.47E-05	-2.18322
1443947_at	LIM and senescent cell antigen-like domains 1	Lims1	3.50E-05	-2.18319
1452382_at	dynamamin 3, opposite strand	Dnm3os	2.13E-06	-2.18132
1423367_at	wingless-related MMTV integration site 7A	Wnt7a	7.00E-05	-2.18126
1435541_at	betacellulin, epidermal growth factor family member	Btc	1.22E-05	-2.18029
1445200_at	---	---	0.0002794	-2.17796
1448554_s_at	myosin, heavy polypeptide 6, cardiac muscle, alpha /// myosin, heavy polypeptide	LOC674761 /// Myh6 /// Myh7	1.52E-05	-2.1772
1439336_at	Transcribed locus	---	0.0001095	-2.17612

1440513_at	expressed sequence C80258	C80258	5.49E-05	-2.17575
1426865_a_at	neural cell adhesion molecule 1	Ncam1	0.0001728	-2.1749
1423771_at	protein kinase C, delta binding protein	Prkcdbp	7.34E-05	-2.17484
1443335_at	---	---	0.0004413	-2.17131
1437784_at	runr-related transcription factor 1; translocated to, 1 (cyclin D-related)	Runx1t1	0.0001519	-2.17112
1435361_at	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphor	Sema3g	0.0001351	-2.17076
1422912_at	bone morphogenetic protein 4	Bmp4	4.37E-05	-2.16788
1424186_at	coiled-coil domain containing 80	Ccdc80	1.28E-06	-2.16702
1421117_at	dystonin	Dst	2.46E-06	-2.1664
1444401_at	---	---	0.000198	-2.16495
1454959_s_at	guanine nucleotide binding protein (G protein), alpha inhibiting 1	Gnai1	4.14E-05	-2.1615
1446445_at	Transcribed locus	---	0.0001473	-2.16105
1456397_at	cadherin 4	Cdh4	7.39E-05	-2.15973
1440093_at	endothelin receptor type A	Ednra	5.99E-06	-2.15902
1426517_at	guanine nucleotide binding protein, alpha z subunit	Gnaz	0.0002162	-2.15778
1426858_at	inhibin beta-B /// similar to Inhbb protein	Inhbb /// LOC100046802	1.53E-05	-2.15536
1438072_at	Transcribed locus	---	7.88E-05	-2.15527
1442837_at	---	---	0.0001832	-2.15342
1417567_at	catenin beta interacting protein 1	Ctnnbip1	0.0001296	-2.15329
1418175_at	vitamin D receptor	Vdr	0.0001725	-2.15319
1423341_at	chondroitin sulfate proteoglycan 4	Cspg4	0.0001254	-2.15249
1449335_at	tissue inhibitor of metalloproteinase 3	Timp3	9.98E-06	-2.15224
1437066_at	zinc finger and BTB domain containing 20	Zbtb20	7.76E-06	-2.15141
1440440_at	Transcribed locus	---	0.0005472	-2.15118
1438602_s_at	mannan-binding lectin serine peptidase 1	Masp1	0.001197	-2.14856
1440637_at	---	---	0.0001001	-2.14681
1446636_at	tensin 3	Tns3	7.07E-05	-2.14448
1417297_at	inositol 1,4,5-triphosphate receptor 3	Itpr3	3.50E-05	-2.1437
1446953_at	---	---	1.40E-06	-2.14263
1445481_at	expressed sequence AI317158	AI317158	2.47E-05	-2.14137
1419301_at	frizzled homolog 4 (Drosophila)	Fzd4	0.0001698	-2.1406
1419621_at	ankyrin repeat domain 2 (stretch responsive muscle)	Ankrd2	4.57E-05	-2.14046
1417795_at	cell adhesion molecule with homology to L1CAM	Chl1	5.30E-05	-2.14024
1448617_at	CD53 antigen	Cd53	4.99E-06	-2.13985
1424680_at	expressed sequence BB146404	BB146404	2.52E-05	-2.1383
1445402_at	---	---	0.0008808	-2.137
1419282_at	chemokine (C-C motif) ligand 12 /// similar to monocyte chemoattractant protein-	Ccl12 /// LOC100048556	4.17E-05	-2.13304
1447147_at	---	---	0.0003434	-2.12988
1418051_at	Eph receptor B6	Ephb6	4.51E-05	-2.12874
1445395_at	Transcribed locus	---	0.0027069	-2.1286
1425784_a_at	olfactomedin 1	Olfm1	0.0002721	-2.12823
1458389_at	Transcribed locus	---	0.0001181	-2.12641
1451577_at	zinc finger and BTB domain containing 20	Zbtb20	1.87E-05	-2.12614
1439895_at	expressed sequence AU021025	AU021025	6.32E-06	-2.1258
1438236_at	nuclear factor I/A	Nfia	7.83E-05	-2.12531

1430352_at	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin ty	Adamts9	1.91E-05	-2.1232
1447345_at	---	---	0.0002831	-2.12261
1439652_at	---	---	2.92E-05	-2.12231
1442760_x_at	---	---	0.0002084	-2.12194
1418086_at	protein phosphatase 1, regulatory (inhibitor) subunit 14A	Ppp1r14a	0.000106	-2.12184
1452205_x_at	T-cell receptor beta, joining region /// similar to T cell antigen receptor ///	LOC381765 /// LOC665506 //	0.0001003	-2.12168
1427017_at	special AT-rich sequence binding protein 2	Satb2	0.0003136	-2.12131
1429344_at	hypothetical 9130022E09		9.13E+15	0.0005926
1416759_at	microtubule associated monooxygenase, calponin and LIM domain containing 1	Mical1	0.0001851	-2.12004
1457447_at	Transcribed locus	---	8.92E-05	-2.11878
1440121_at	Transcribed locus	---	0.0001691	-2.11873
1451342_at	spondin 1, (f-spondin) extracellular matrix protein	Spon1	1.18E-06	-2.11861
1417505_s_at	interleukin 11 receptor, alpha chain 1 /// interleukin 11 receptor, alpha chain	Il11ra1 /// Il11ra2 /// LOC1000	2.45E-06	-2.11772
1419220_at	xin actin-binding repeat containing 1	Xirp1	0.0002951	-2.11765
1417653_at	parvalbumin	Pvalb	7.49E-05	-2.11424
1447295_at	---	---	0.0001141	-2.11
1415968_a_at	kidney androgen regulated protein	Kap	0.0002253	-2.10216
1429159_at	inter-alpha (globulin) inhibitor H5	Itih5	0.0001638	-2.10202
1419463_at	chloride channel calcium activated 2	Clca2	7.72E-05	-2.1018
1452766_at	tubulin polymerization promoting protein	Tppp	0.0024226	-2.10151
1441671_at	Transcribed locus	---	0.005286	-2.10017
1433147_at	caldesmon 1	Cald1	0.0001224	-2.09921
1418599_at	collagen, type XI, alpha 1	Col11a1	0.0008189	-2.09748
1450148_at	mucoilin 3	Mcoln3	0.0008758	-2.09693
1438878_at	RIKEN cDNA 6430537K16 gene	6430537K16Rik	4.85E-06	-2.09568
1444384_at	Transcribed locus	---	1.76E-06	-2.09372
1457297_at	Transcribed locus	---	4.31E-05	-2.09286
1446326_at	collagen, type I, alpha 2	Col1a2	2.13E-05	-2.09187
1437695_at	prokineticin receptor 2	Prokr2	0.0009519	-2.09117
1434553_at	transmembrane protein 56	Tmem56	0.0019248	-2.09041
1422914_at	trans-acting transcription factor 5	Sp5	0.0017835	-2.08905
1441115_at	DNA segment, Chr 18, ERATO Doi 232, expressed	D18Erd232e	0.0013769	-2.08832
1458585_at	Transcribed locus	---	0.000303	-2.0873
1418535_at	ral guanine nucleotide dissociation stimulator,-like 1	Rgl1	0.0002006	-2.08652
1417333_at	RAS p21 protein activator 4	Rasa4	0.0008984	-2.08233
1440441_at	F-box and leucine-rich repeat protein 7	Fbxl7	0.0004444	-2.08111
1450860_at	leucine aminopeptidase 3	Lap3	1.70E-06	-2.08079
1455096_at	fibronectin leucine rich transmembrane protein 2	Flrt2	2.49E-05	-2.08069
1446598_at	Transcribed locus	---	0.0009172	-2.07859
1418370_at	troponin C, cardiac/slow skeletal	Tnnc1	4.16E-06	-2.07845
1443985_at	zinc finger protein 719	Zfp719	0.0014719	-2.07757
1437360_at	protocadherin 19	Pcdh19	3.31E-05	-2.07703
1424797_a_at	paired-like homeodomain transcription factor 2	Pitx2	9.37E-06	-2.07663
1439789_at	---	---	0.000269	-2.07573
1435842_at	N-acetyltransferase 8-like	Nat8l	1.12E-06	-2.07547

1416811_s_at	cytotoxic T lymphocyte-associated protein 2 alpha /// cytotoxic T lymphocyte-ass	Ctla2a /// Ctla2b	0.0001945	-2.07527
1436200_at	LON peptidase N-terminal domain and ring finger 3	Lonrf3	2.55E-05	-2.07439
1451424_at	gamma-aminobutyric acid (GABA-A) receptor, pi	Gabrp	8.49E-05	-2.07434
1442339_at	stefin A2 like 1	Stfa211	0.007779	-2.07256
1444073_at	avian musculoaponeurotic fibrosarcoma (v-maf) AS42 oncogene homolog	Maf	3.80E-05	-2.07038
1441228_at	apolipoprotein L domain containing 1	Apold1	2.34E-05	-2.0693
1420589_at	hyaluronan synthase 3	Has3	1.47E-05	-2.06907
1456319_at	---	---	0.0005686	-2.06852
1455604_at	frizzled homolog 5 (Drosophila)	Fzd5	0.0003177	-2.06834
1443518_at	sarcoglycan, epsilon	Sgce	7.24E-05	-2.06799
1442276_at	---	---	1.94E-05	-2.06774
1435261_at	transmembrane and tetratricopeptide repeat containing 1	Tmtc1	0.000811	-2.06695
1426597_s_at	expressed sequence C79267	C79267	0.0001677	-2.06664
1441413_at	---	---	0.0002007	-2.06632
1417307_at	dystrophin, muscular dystrophy	Dmd	0.0001408	-2.06628
1458467_at	RIKEN cDNA 1110032D16 gene	1110032D16Rik	0.0005627	-2.06452
1447791_s_at	guanine nucleotide binding protein, alpha 14	Gna14	8.02E-06	-2.06347
1450754_at	calcium channel, voltage-dependent, alpha 2/delta subunit 2	Cacna2d2	0.0001308	-2.06169
1423537_at	growth associated protein 43	Gap43	0.0001036	-2.06124
1425215_at	free fatty acid receptor 2	Ffar2	0.0002634	-2.06106
1433266_at	RIKEN cDNA 2810416A17 gene	2810416A17Rik	0.0003174	-2.05727
1447227_at	Transcribed locus	---	0.0002854	-2.05723
1425854_x_at	similar to T-cell receptor beta-2 chain C region	LOC665506	0.0001004	-2.0567
1424893_at	nuclear distribution gene E-like homolog 1 (A. nidulans)	Ndel1	0.0004684	-2.05666
1446525_at	---	---	8.31E-05	-2.05491
1424567_at	tetraspanin 2	Tspan2	0.0003326	-2.05436
1447480_at	---	---	0.0023265	-2.05384
1440840_at	RIKEN cDNA D630004K10 gene	D630004K10Rik	0.0001834	-2.05285
1435393_at	melanocortin 1 receptor	Mc1r	0.0004683	-2.05282
1444159_at	---	---	4.48E-05	-2.05242
1458113_at	RIKEN cDNA 9530019H20 gene	9530019H20Rik	7.63E-05	-2.05213
1446461_at	---	---	0.0007918	-2.05119
1445178_at	SH3 domain containing ring finger 1	Sh3rf1	0.0009129	-2.04983
1441776_at	tetraspanin 11	Tspan11	0.0001063	-2.04875
1425612_at	cut-like homeobox 1	Cux1	0.0015496	-2.04814
1420549_at	guanylate nucleotide binding protein 1	Gbp1	0.0003514	-2.04731
1458892_at	RIKEN cDNA 9430047G12 gene	9430047G12Rik	2.06E-05	-2.046
1426864_a_at	neural cell adhesion molecule 1	Ncam1	1.80E-05	-2.04597
1439580_at	RIKEN cDNA B930053N05 gene	B930053N05Rik	0.0010122	-2.04586
1458125_at	---	---	0.0003479	-2.04511
1423954_at	complement component 3	C3	0.000139	-2.04496
1445420_at	Transcribed locus	---	0.0006487	-2.0433
1435284_at	reticulon 4	Rtn4	5.47E-05	-2.0429
1439556_at	neural cell adhesion molecule 1	Ncam1	4.67E-05	-2.04208
1460531_at	RIKEN cDNA 2900069M18 gene	2900069M18Rik	0.00108	-2.04144

1449799_s_at	plakophilin 2	Pkp2	0.0002703	-2.04142
1444878_at	Transcribed locus	---	0.0005774	-2.04101
1437466_at	activated leukocyte cell adhesion molecule	Alcam	7.34E-05	-2.03991
1446346_at	Transcribed locus, moderately similar to NP_891550.1 ADAM metallopeptidase with	---	0.0004708	-2.03915
1429113_at	RIKEN cDNA 2900092E17 gene /// proline-rich transmembrane protein 2	2900092E17Rik /// Prrt2	9.83E-05	-2.03909
1439299_at	Transcribed locus	---	0.0002676	-2.03902
1435558_at	brain-specific angiogenesis inhibitor 2 /// similar to Brain-specific angiogenes	Bai2 /// LOC100048816	0.0007199	-2.03848
1446742_at	Nuclear factor I/A	Nfia	0.0015178	-2.03786
1449204_at	gap junction protein, beta 5	Gjb5	7.74E-05	-2.03725
1454995_at	---	---	0.0001758	-2.03596
1433837_at	RIKEN cDNA 8430408G22 gene	8430408G22Rik	7.57E-06	-2.03585
1417814_at	phospholipase A2, group V	Pla2g5	2.65E-05	-2.03448
1436218_at	Transcribed locus	---	5.42E-05	-2.03459
1452906_at	maternally expressed 3	Meg3	0.0004823	-2.03339
1440905_at	Heparan sulfate 2-O-sulfotransferase 1	Hs2st1	0.0001248	-2.03219
1429219_at	RIKEN cDNA 1200009F10 gene	1200009F10Rik	0.0003748	-2.03104
1443185_at	lipoma HMGIC fusion partner-like 2	Lhfp12	4.70E-05	-2.0307
1425894_at	MAS-related GPR, member F	Mrgprf	8.88E-05	-2.02912
1449058_at	GLI-Kruppel family member GLI1	Gli1	1.89E-05	-2.02791
1436555_at	solute carrier family 7 (cationic amino acid transporter, y+ system), member 2	Slc7a2	0.0003773	-2.02666
1430191_at	RIKEN cDNA 9130004J05 gene	9130004J05Rik	2.80E-05	-2.02577
1420715_a_at	peroxisome proliferator activated receptor gamma	Pparg	9.24E-05	-2.02559
1423407_a_at	fibulin 2	Fbln2	0.0001185	-2.02356
1451972_at	glucocorticoid induced transcript 1 /// predicted gene, EG545216 /// similar to	EG545216 /// Glcci1 /// LOC1	0.0001878	-2.02312
1423551_at	cadherin 13	Cdh13	9.69E-05	-2.02261
1451969_s_at	poly (ADP-ribose) polymerase family, member 3	Parp3	4.90E-05	-2.02121
1435697_a_at	pleckstrin homology, Sec7 and coiled-coil domains, binding protein	Pscdbp	0.000798	-2.02034
1419126_at	homeo box D9	Hoxd9	4.61E-05	-2.01934
1458880_at	Transcribed locus	---	6.69E-05	-2.01732
1428833_at	RIKEN cDNA 4930406D14 gene	4930406D14Rik	0.0001031	-2.01494
1456346_at	Transcribed locus	---	0.0012169	-2.01311
1448482_at	solute carrier family 39 (metal ion transporter), member 8	Slc39a8	0.0054474	-2.01127
1435486_at	p21 (CDKN1A)-activated kinase 3	Pak3	0.0006753	-2.01043
1430264_at	RIKEN cDNA 2610030P05 gene	2610030P05Rik	0.0001861	-2.00982
1425506_at	myosin, light polypeptide kinase	Mylk	1.32E-05	-2.00956
1441370_at	Transmembrane and coiled coil domains 1	Tmcc1	2.64E-05	-2.00756
1419483_at	complement component 3a receptor 1	C3ar1	0.0002281	-2.00459
1434275_at	naked cuticle 2 homolog (Drosophila)	Nkd2	1.53E-05	-2.00428
1441055_at	A kinase (PRKA) anchor protein 2 /// paralemmin 2 /// Palm2-Akap2 protein	Akap2 /// Palm2 /// Palm2-aka	0.0007255	-2.0041
1459321_at	---	---	0.001717	-2.00382
1436907_at	neuron navigator 1	Nav1	0.0001193	-2.00338
1450234_at	membrane-spanning 4-domains, subfamily A, member 6C	Ms4a6c	6.36E-06	-2.00295
1457782_at	talin 1	Tln1	0.0010335	-2.00276
1417812_a_at	laminin, beta 3	Lamb3	4.38E-05	-2.00272
1441629_at	---	---	3.57E-05	-2.00116

1418596_at	fibroblast growth factor receptor 4	Fgfr4	7.91E-05	-2.00103
1418487_at	receptor-interacting serine-threonine kinase 4	Ripk4	0.0055426	2.00071
1449107_at	nudix (nucleoside diphosphate linked moiety X)-type motif 4	Nudt4	1.27E-05	2.00279
1459381_at	Transcribed locus	---	0.0007158	2.00291
1452151_at	GRAM domain containing 4	Gramd4	1.92E-05	2.00355
1420618_at	cytoplasmic polyadenylation element binding protein 4	Cpeb4	0.0255525	2.00364
1427492_at	premature ovarian failure 1B	Pof1b	8.41E-05	2.00464
1440200_at	RIKEN cDNA 9630031F12 gene	9630031F12Rik	0.0010464	2.00501
1417214_at	RAB27b, member RAS oncogene family	Rab27b	0.0027741	2.00879
1452357_at	glycoprotein Ib, beta polypeptide /// septin 5	Gp1bb /// Sept5	8.40E-06	2.00945
1435342_at	potassium inwardly-rectifying channel, subfamily K, member 6	Kcnk6	7.16E-05	2.01013
1431692_a_at	Casitas B-lineage lymphoma c	Cblc	0.0006364	2.01043
1453020_at	RIKEN cDNA 1810048J11 gene	1810048J11Rik	0.00019	2.01098
1456036_x_at	glutathione S-transferase omega 1	Gsto1	0.0095699	2.01301
1450251_a_at	ligand of numb-protein X 1	Lnx1	0.0020207	2.01314
1455601_at	Transcribed locus, strongly similar to NP_001100786.1 malignant fibrous histiocy	---	0.0001439	2.01523
1451196_at	yippee-like 5 (Drosophila)	Ypel5	2.94E-05	2.01599
1424730_a_at	solute carrier family 15 (H+/peptide transporter), member 2	Slc15a2	0.0004954	2.01604
1448455_at	ceroid-lipofuscinosis, neuronal 8	Cln8	0.0001922	2.01682
1432374_a_at	DNA segment, Chr 5, Wayne State University 178, expressed	D5Wsu178e	0.0008822	2.01867
1452070_at	death effector domain-containing DNA binding protein 2	Dedd2	0.0001278	2.01932
1434358_x_at	ribosomal protein S21	Rps21	0.0160721	2.02157
1434499_a_at	lactate dehydrogenase B	Ldhb	0.0151944	2.02187
1424383_at	transmembrane protein 51	Tmem51	2.27E-05	2.023
1426436_at	transmembrane protein 159	Tmem159	9.96E-06	2.02333
1425139_at	sestrin 2	Sesn2	0.0004915	2.02357
1455509_at	cDNA sequence AB182283	AB182283	0.0003676	2.02447
1420683_at	BCL2/adenovirus E1B 19kD interacting protein like	Bnpl	0.0004224	2.02525
1433424_at	---	---	0.0037004	2.02541
1442187_at	Bradykinin receptor, beta 2	Bdkrb2	5.45E-05	2.02668
1422835_at	potassium voltage-gated channel, Shal-related family, member 2	Kcnd2	0.0006529	2.0273
1430777_a_at	golgi phosphoprotein 3	Golph3	0.0004689	2.02999
1430128_a_at	receptor accessory protein 6	Reep6	3.95E-05	2.03135
1458518_at	cytoplasmic polyadenylation element binding protein 2	Cpeb2	0.0001831	2.0323
1423271_at	gap junction protein, beta 2	Gjb2	9.92E-07	2.03318
1426913_at	lanosterol synthase	Lss	0.0004452	2.03349
1426261_s_at	UDP glucuronosyltransferase 1 family, polypeptide A2 /// UDP glucuronosyltransfe	LOC632297 /// Ugt1a1 /// Ugt	0.0001525	2.03736
1442863_at	calcium channel, voltage-dependent, alpha 2/delta subunit 4	Cacna2d4	0.0007078	2.03848
1451798_at	interleukin 1 receptor antagonist	Il1rn	1.43E-05	2.03899
1425568_a_at	transmembrane protein 33	Tmem33	0.0013567	2.04006
1451410_a_at	cysteine-rich protein 3	Crip3	3.66E-05	2.04043
1460190_at	adaptor protein complex AP-1, mu 2 subunit	Ap1m2	5.35E-05	2.04244
1434970_a_at	mitochondrial ribosomal protein L15	Mrpl15	0.0014056	2.04415
1439897_at	nebulette	Nebi	0.0001463	2.04417
1451355_at	N-acylsphingosine amidohydrolase 3-like	Asah3l	0.0001648	2.04477

1452329_at	pleckstrin homology domain containing, family N member 1	Plekhn1	3.81E-05	2.04556
1453103_at	actin-binding LIM protein 1	Ablim1	7.71E-05	2.04666
1423305_at	exostoses (multiple)-like 1	Extl1	8.51E-05	2.04819
1437698_at	myosin Vb	Myo5b	0.00169	2.04863
1437455_a_at	B-cell translocation gene 1, anti-proliferative /// similar to myocardial vascul	Btg1 /// LOC100047353	0.0398999	2.04994
1417871_at	hydroxysteroid (17-beta) dehydrogenase 7	Hsd17b7	5.33E-06	2.05128
1417303_at	mevalonate (diphospho) decarboxylase	Mvd	0.0014912	2.05223
1422587_at	transmembrane protein 45a	Tmem45a	5.02E-06	2.05358
1453080_at	apolipoprotein L 7a	Apol7a	0.0003297	2.05506
1422071_at	lectin, galactose binding, soluble 6	Lgals6	0.0004681	2.05549
1436115_at	gene model 266, (NCBI)	Gm266	0.0008709	2.05637
1432027_a_at	TBC1 domain family, member 14	Tbc1d14	0.0001336	2.0565
1442203_at	hypothetical LOC552880	LOC552880	0.0002901	2.05804
1429354_at	thioesterase superfamily member 5	Them5	1.52E-05	2.05901
1424072_at	RIKEN cDNA 2010107G23 gene	2010107G23Rik	9.04E-05	2.0591
1433854_at	Transmembrane protein 164	Tmem164	0.0042274	2.0616
1437516_at	Transcribed locus	---	0.0120617	2.06195
1448690_at	potassium channel, subfamily K, member 1	Kcnk1	5.52E-05	2.0623
1449789_x_at	lymphocyte antigen 6 complex, locus G6C	Ly6g6c	0.0003211	2.06265
1441774_at	Transcribed locus	---	0.0010156	2.06555
1426911_at	desmocollin 2	Dsc2	0.0009061	2.06688
1450240_a_at	synaptotagmin-like 1	Sytl1	8.91E-05	2.06956
1435140_at	insulin degrading enzyme	Ide	2.24E-05	2.07033
1431751_a_at	metallophosphoesterase domain containing 2	Mpped2	1.86E-05	2.07163
1454793_x_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5	Ddx5	0.0317073	2.07266
1418816_at	chromatin modifying protein 1B	Chmp1b	0.0005138	2.07271
1430979_a_at	peroxiredoxin 2	Prdx2	0.0006737	2.073
1458680_at	Transcribed locus	---	0.0003041	2.07315
1440651_at	---	---	0.0013702	2.07583
1453092_at	cysteine-rich C-terminal 1	Crct1	1.89E-05	2.07746
1452318_a_at	heat shock protein 1B	Hspa1b	0.0027862	2.07842
1418018_at	carboxypeptidase D	Cpd	1.01E-06	2.07962
1422783_a_at	keratin 6A	Krt6a	0.0014905	2.08043
1455519_at	desmoglein 1 beta	Dsg1b	0.0163847	2.08142
1460354_a_at	mitochondrial ribosomal protein L13	Mrpl13	0.0198384	2.08177
1423946_at	PDZ and LIM domain 2	Pdlim2	0.0002641	2.0824
1453768_a_at	RIKEN cDNA 5430432M24 gene	5430432M24Rik	0.0001806	2.08251
1454042_a_at	serine/arginine-rich protein specific kinase 1	Srpk1	7.10E-05	2.08258
1437581_at	zinc finger protein 800	Zfp800	0.0009752	2.08423
1449001_at	isovaleryl coenzyme A dehydrogenase	Ivd	8.08E-05	2.08651
1452203_at	oligonucleotide/oligosaccharide-binding fold containing 2A	Obfc2a	0.0001117	2.08756
1449256_a_at	RAB11a, member RAS oncogene family	Rab11a	1.96E-07	2.08836
1418748_at	caspase 14	Casp14	3.43E-07	2.08959
1448551_a_at	tripartite motif-containing 2	Trim2	3.23E-05	2.0912
1424030_at	grainyhead-like 1 (Drosophila) /// similar to Grh1 protein	Grh1 /// LOC100043996	2.46E-05	2.09158

1421872_at	RAB24, member RAS oncogene family	Rab24	3.72E-05	2.09198
1423952_a_at	keratin 7	Krt7	3.22E-05	2.09253
1439173_at	hook homolog 1 (Drosophila)	Hook1	0.0001135	2.09319
1417029_a_at	tripartite motif-containing 2	Trim2	3.40E-05	2.0944
1451767_at	neutrophil cytosolic factor 1	Ncf1	0.0003693	2.09459
1434416_a_at	small optic lobes homolog (Drosophila)	Solh	0.0014282	2.09572
1452412_at	homeo box C8	Hoxc8	0.0003935	2.09829
1419027_s_at	glycolipid transfer protein	Gltg	1.07E-06	2.099
1419917_s_at	transmembrane emp24 protein transport domain containing 7	Tmed7	0.0294092	2.1004
1434272_at	cytoplasmic polyadenylation element binding protein 2	Cpeb2	0.0332721	2.10046
1442063_at	ADAMTS-like 1	Adamts1	0.0010009	2.10212
1439137_at	solute carrier family 4, sodium bicarbonate cotransporter, member 9	Slc4a9	0.000469	2.10227
1431176_at	chromatin modifying protein 4C	Chmp4c	0.0009314	2.10242
1450093_s_at	zinc finger and BTB domain containing 7a	Zbtb7a	0.0001555	2.10728
1456891_at	DENN/MADD domain containing 2C	Dennd2c	0.0004561	2.10756
1451599_at	sestrin 2	Sesn2	0.0002374	2.10807
1458882_at	serine (or cysteine) peptidase inhibitor, clade B, member 8	Serpinb8	0.0011115	2.10954
1437909_at	Snf2-related CREBBP activator protein	Srcap	3.40E-06	2.11054
1435354_at	potassium inwardly-rectifying channel, subfamily J, member 15	Kcnj15	0.0002907	2.11152
1429684_at	RIKEN cDNA 5830472M02 gene	5830472M02Rik	6.44E-05	2.11184
1433968_a_at	multiple EGF-like-domains 9	Megf9	0.0012781	2.1132
1447277_s_at	prenylcysteine oxidase 1	Pcyox1	0.0061658	2.11365
1449855_s_at	ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase) /// ubiquitin	Uchl3 /// Uchl4	5.76E-05	2.11433
1415943_at	syndecan 1	Sdc1	5.44E-06	2.11728
1422506_a_at	cystatin B	Cstb	8.03E-06	2.11729
1422966_a_at	transferrin receptor	Tfrc	0.0009021	2.12146
1427610_at	---	---	0.0018714	2.12257
1423747_a_at	pyruvate dehydrogenase kinase, isoenzyme 1	Pdk1	0.0074726	2.12411
1441917_s_at	transmembrane protein 40	Tmem40	0.0001328	2.12479
1426098_a_at	calpastatin	Cast	0.000128	2.12658
1435069_at	cDNA sequence BC064078	BC064078	0.0004948	2.12693
1457011_at	Transcribed locus	---	0.0008395	2.12712
1441794_at	Transcribed locus	---	9.17E-05	2.12737
1433743_at	dachshund 1 (Drosophila)	Dach1	0.0063323	2.12954
1416795_at	crystallin, lambda 1	Cryl1	7.90E-05	2.13121
1434773_a_at	solute carrier family 2 (facilitated glucose transporter), member 1	Slc2a1	0.0003042	2.13137
1454842_a_at	UDP-GalNAc:betaGlcNAc beta 1,3-galactosaminyltransferase, polypeptide 2	B3galnt2	0.0100259	2.13138
1421268_at	UDP-glucose ceramide glucosyltransferase	Ugcg	0.00019	2.13235
1417942_at	Ly6/Plaur domain containing 3	Lypd3	4.05E-05	2.13262
1436957_at	gamma-aminobutyric acid (GABA-A) receptor, subunit alpha 3	Gabra3	0.0012048	2.13366
1426439_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked	Ddx3y	0.0069275	2.13489
1428420_a_at	RIKEN cDNA 1200009I06 gene	1200009I06Rik	1.61E-05	2.1361
1419086_at	fibroblast growth factor binding protein 1	Fgfbp1	4.76E-05	2.13624
1422178_a_at	RAB17, member RAS oncogene family	Rab17	0.0004428	2.1364
1440484_at	unc-5 homolog D (C. elegans)	Unc5d	8.02E-05	2.13726

1433486_at	chloride channel 3	Clcn3	0.0007646	2.13844
1421836_at	microtubule-associated protein 7	Mtap7	2.10E-05	2.13869
1448207_at	LIM and SH3 protein 1	Lasp1	8.62E-05	2.13908
1434831_a_at	forkhead box O3a	Foxo3a	0.0277298	2.14195
1436298_x_at	phosphoribosylaminoimidazole carboxylase, phosphoribosylaminoribosylaminoimidazo	Paics	0.048471	2.14195
1436314_at	SCY1-like 2 (S. cerevisiae)	Scyl2	7.56E-05	2.1421
1423121_at	insulin degrading enzyme	Ide	2.65E-05	2.14354
1426389_at	calcium/calmodulin-dependent protein kinase ID	Camk1d	0.0001487	2.14731
1449440_at	lipin 3	Lpin3	4.06E-05	2.14888
1422637_at	Ras association (RalGDS/AF-6) domain family member 5	Rassf5	8.96E-05	2.14919
1427082_at	RIKEN cDNA 4632417N05 gene	4632417N05Rik	2.17E-05	2.15204
1434271_at	glucosidase beta 2	Gba2	0.0009192	2.15266
1418735_at	keratin 4	Krt4	7.34E-05	2.15613
1448820_a_at	eukaryotic translation initiation factor 2, subunit 2 (beta) /// similar to Eif2	Eif2s2 /// LOC100040220 /// L	0.0243855	2.15689
1438643_at	Calcium/calmodulin-dependent protein kinase ID	Camk1d	0.0108759	2.15748
1444790_at	RIKEN cDNA 1810005K13 gene	1810005K13Rik	0.0002933	2.15817
1447868_x_at	glutaredoxin 3 /// similar to thioredoxin-like 2	Glr3 /// LOC620016	0.0208708	2.15902
1456619_at	lipase, member H	Liph	0.005665	2.15902
1435534_a_at	translocase of outer mitochondrial membrane 20 homolog (yeast)	Tomm20	0.0145476	2.15964
1434815_a_at	mitogen-activated protein kinase-activated protein kinase 3	Mapkapk3	0.0006111	2.15979
1443594_at	expressed sequence AI043046	AI043046	0.0015027	2.16012
1447023_at	---	---	7.60E-05	2.16076
1417520_at	nuclear factor, erythroid derived 2, like 3	Nfe2l3	3.05E-05	2.16147
1418449_at	ladinin	Lad1	3.00E-05	2.16306
1415944_at	syndecan 1	Sdc1	3.20E-05	2.16389
1456317_at	aldehyde dehydrogenase 3 family, member B2	Aldh3b2	1.97E-05	2.16789
1430313_at	ADAMTS-like 1	Adamts1	0.0008419	2.16798
1421141_a_at	forkhead box P1	Foxp1	0.0001448	2.17006
1422784_at	keratin 6A	Krt6a	4.24E-05	2.17011
1426599_a_at	solute carrier family 2 (facilitated glucose transporter), member 1	Slc2a1	5.03E-05	2.17121
1436976_a_at	YOD1 OTU deubiquitinating enzyme 1 homologue (S. cerevisiae)	Yod1	0.0195359	2.17301
1448456_at	ceroid-lipofuscinosis, neuronal 8	Cln8	0.0008122	2.17308
1460405_at	Rho guanine nucleotide exchange factor (GEF) 10-like	Arhgef10l	1.93E-05	2.17325
1455863_at	spermatogenesis associated 5-like 1	Spata5l1	0.0001379	2.17506
1443082_at	---	---	0.0005346	2.17753
1439747_at	prostaglandin E synthase	Ptges	0.0001439	2.1776
1429683_at	RIKEN cDNA 5830472M02 gene	5830472M02Rik	0.0005495	2.17785
1456673_at	Transcribed locus	---	0.0001102	2.17955
1427229_at	3-hydroxy-3-methylglutaryl-Coenzyme A reductase	Hmgcr	0.0005397	2.18019
1422007_at	aquaporin 3	Aqp3	7.67E-05	2.18102
1416225_at	alcohol dehydrogenase 1 (class I)	Adh1	3.22E-05	2.18219
1423937_at	potassium channel tetramerisation domain containing 5	Kctd5	0.0002575	2.18435
1437269_at	expressed sequence AW124722	AW124722	4.95E-05	2.18608
1427348_at	zinc finger CCCH type containing 12A	Zc3h12a	0.0017342	2.18655
1455804_x_at	3-oxoacid CoA transferase 1	Oxct1	0.0110132	2.18662

1418990_at	membrane-spanning 4-domains, subfamily A, member 4D	Ms4a4d	0.001594	2.18912
1418792_at	SH3-domain GRB2-like 2	Sh3gl2	0.0009614	2.19316
1455241_at	cDNA sequence BC037703	BC037703	4.01E-06	2.19459
1425026_at	SFT2 domain containing 2	Sft2d2	2.83E-05	2.20071
1443869_at	RIKEN cDNA E430028B21 gene	E430028B21Rik	0.0014768	2.20166
1449453_at	bone marrow stromal cell antigen 1	Bst1	0.0006951	2.20263
1419051_at	OVO homolog-like 1 (Drosophila)	Ovol1	0.0002092	2.20364
1452257_at	3-hydroxybutyrate dehydrogenase, type 1	Bdh1	3.78E-06	2.20645
1457248_x_at	hydroxysteroid (17-beta) dehydrogenase 7	Hsd17b7	4.43E-05	2.20823
1417891_at	splA/ryanodine receptor domain and SOCS box containing 3	Spsb3	0.0004095	2.20874
1416129_at	ERBB receptor feedback inhibitor 1	Errfi1	0.0002093	2.21225
1446503_at	---	---	1.39E-05	2.2149
1433866_x_at	peroxiredoxin 1	Prdx1	0.0233282	2.21519
1445558_at	RIKEN cDNA 5930430L01 gene	5930430L01Rik	0.0008522	2.21524
1459898_at	suprabasin	Sbsn	4.17E-06	2.21527
1448663_s_at	mevalonate (diphospho) decarboxylase	Mvd	7.41E-05	2.21575
1421316_at	late cornified envelope 1G	Lce1g	0.0007554	2.21696
1437788_at	trans-acting transcription factor 6	Sp6	3.02E-06	2.21723
1417318_at	deleted in bladder cancer 1 (human)	Dbc1	0.000334	2.21832
1422846_at	retinol binding protein 2, cellular	Rbp2	9.84E-05	2.21941
1426440_at	dehydrogenase/reductase (SDR family) member 7	Dhrs7	6.05E-05	2.22152
1451122_at	isopentenyl-diphosphate delta isomerase	Idi1	0.0003698	2.2217
1455299_at	vestigial like 3 (Drosophila)	Vgll3	4.88E-05	2.22186
1453041_at	transmembrane protein 16J	Tmem16j	0.0004697	2.22663
1419816_s_at	ERBB receptor feedback inhibitor 1	Errfi1	1.60E-05	2.2269
1425656_a_at	brain-specific angiogenesis inhibitor 1-associated protein 2	Baiap2	0.0002158	2.2279
1453943_a_at	acid phosphatase, prostate	Acpp	8.12E-05	2.22828
1450271_at	PTK6 protein tyrosine kinase 6	Ptk6	0.0005103	2.22855
1424029_at	TSPY-like 4	Tspyl4	7.78E-05	2.23108
1438993_a_at	ATPase, H+ transporting, lysosomal V1 subunit D	Atp6v1d	0.002577	2.23287
1429565_s_at	late cornified envelope 1M	Lce1m	0.0013831	2.23311
1417946_at	abhydrolase domain containing 3	Abhd3	0.0028374	2.23842
1423938_at	lethal giant larvae homolog 2 (Drosophila) /// similar to Lethal giant larvae ho	Llgl2 /// LOC100047332	0.0003162	2.23918
1450535_at	keratin associated protein 12-1	Krtap12-1	0.0001415	2.2402
1421269_at	UDP-glucose ceramide glucosyltransferase	Ugcg	0.0006748	2.2423
1438992_x_at	activating transcription factor 4	Atf4	0.019268	2.24464
1420891_at	wingless-related MMTV integration site 7B	Wnt7b	0.0002779	2.24775
1419350_at	hook homolog 2 (Drosophila)	Hook2	0.0001267	2.24776
1443017_at	cytoplasmic polyadenylation element binding protein 2	Cpeb2	0.0012417	2.24978
1430167_a_at	RWD domain containing 3	Rwdd3	0.0008831	2.25322
1425551_at	huntingtin interacting protein 1 related	Hip1r	1.81E-06	2.25509
1430594_at	RAB11 family interacting protein 1 (class I)	Rab11fp1	3.26E-05	2.2553
1440617_at	carboxypeptidase A6	Cpa6	0.0002444	2.2554
1421074_at	cytochrome P450, family 7, subfamily b, polypeptide 1	Cyp7b1	0.0006505	2.25541
1434153_at	src homology 2 domain-containing transforming protein B	Shb	6.13E-05	2.256

1442044_at	Transcribed locus	---	0.0001147	2.25967
1423909_at	transmembrane protein 176A	Tmem176a	3.55E-05	2.26105
1448520_at	DNA cross-link repair 1B, PSO2 homolog (S. cerevisiae)	Dclre1b	0.0005462	2.26123
1456772_at	neutrophil cytosolic factor 1	Ncf1	2.90E-05	2.2617
1426802_at	septin 8		0.0001095	2.26184
1422870_at	homeo box C4	Hoxc4	0.0001023	2.26202
1417801_a_at	protein tyrosine phosphatase, receptor-type, F interacting protein, binding prot	Ppfbp2	3.79E-06	2.26637
1451210_at	phosphatidic acid phosphatase type 2c	Ppap2c	9.18E-05	2.26903
1457123_at	neuregulin 4	Nrg4	0.0002454	2.2694
1421308_at	carbonic anhydrase 13	Car13	0.0006764	2.26948
1416290_a_at	proteasome (prosome, macropain) 26S subunit, ATPase, 4	Psmc4	0.0433342	2.27029
1453145_at	RIKEN cDNA 4933439C20 gene	4933439C20Rik	0.0030345	2.27244
1433549_x_at	ribosomal protein S21	Rps21	0.0221466	2.27365
1426941_at	mucin 15	Muc15	2.44E-05	2.27574
1435640_x_at	RIKEN cDNA A130040M12 gene	A130040M12Rik	0.0156627	2.27804
1418909_at	erythroblast membrane-associated protein	Ermap	0.000794	2.28053
1458599_at	---	---	6.31E-07	2.28446
1421865_at	diazepam binding inhibitor-like 5	Dbil5	6.21E-06	2.28633
1438922_x_at	solute carrier family 25 (mitochondrial carrier, adenine nucleotide translocator	LOC383528 /// LOC630624 //	0.018642	2.28784
1418191_at	ubiquitin specific peptidase 18 /// similar to ubiquitin specific protease UBP43	LOC100048346 /// Usp18	6.27E-05	2.28814
1429574_at	chloride intracellular channel 3	Clc3	0.0001138	2.29014
1424092_at	erythrocyte protein band 4.1	Epb4.1	1.53E-05	2.29083
1449500_at	serine (or cysteine) peptidase inhibitor, clade B, member 7	Serpnb7	8.27E-08	2.29324
1426598_at	ubiquitously transcribed tetratricopeptide repeat gene, Y chromosome	Uty	0.0029235	2.29799
1418626_a_at	clusterin	Clu	4.71E-05	2.30403
1459921_at	neurexophilin 1	Nxph1	0.0003027	2.3088
1443100_at	Transcribed locus	---	5.95E-05	2.30983
1437689_x_at	clusterin	Clu	8.55E-05	2.31018
1451828_a_at	acyl-CoA synthetase long-chain family member 4	Acsl4	0.0009362	2.31311
1417588_at	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase	Galnt3	0.0018773	2.31352
1433559_at	solute carrier family 45, member 4	Slc45a4	3.61E-05	2.31439
1451261_s_at	signal transducing adaptor family member 2	Stap2	7.02E-05	2.31519
1420537_at	potassium channel tetramerisation domain containing 4	Kctd4	0.002582	2.31586
1424263_at	RIKEN cDNA 2810003C17 gene	2810003C17Rik	0.0001635	2.31785
1432216_s_at	membrane protein, palmitoylated 7 (MAGUK p55 subfamily member 7)	Mpp7	0.0003118	2.31848
1425108_a_at	cDNA sequence BC004728	BC004728	3.33E-05	2.32091
1436764_at	par-3 (partitioning defective 3) homolog (C. elegans)	Pard3	6.96E-05	2.32107
1417408_at	coagulation factor III	F3	0.0008843	2.3238
1418901_at	CCAAT/enhancer binding protein (C/EBP), beta	Cebpb	1.65E-05	2.32423
1431267_at	RIKEN cDNA 5430425J12 gene	5430425J12Rik	0.0001355	2.32534
1436345_at	RIKEN cDNA 5730559C18 gene	5730559C18Rik	3.90E-06	2.3256
1433579_at	transmembrane protein 30B	Tmem30b	0.0003533	2.32669
1434091_at	fatty acid amide hydrolase	Faah	0.0001311	2.32824
1417600_at	solute carrier family 15 (H+/peptide transporter), member 2	Slc15a2	0.0009093	2.32875
1457550_at	RIKEN cDNA 9530059O14 gene	9530059O14Rik	0.0001127	2.32958

1439620_at	carbonic anhydrase 13	Car13	0.0030938	2.33035
1429460_at	G protein-coupled receptor 115	Gpr115	6.76E-05	2.33094
1451287_s_at	RIKEN cDNA 2810003C17 gene	2810003C17Rik	0.0007927	2.33138
1418401_a_at	dual specificity phosphatase 16	Dusp16	7.35E-05	2.33181
1430879_at	RIKEN cDNA C030008P14 gene	C030008P14Rik	9.08E-06	2.33299
1456244_x_at	glutaredoxin 3	Glrx3	0.044828	2.33541
1430513_at	RIKEN cDNA 1700055N04 gene	1700055N04Rik	0.002063	2.33814
1430136_at	glutamate receptor, metabotropic 3	Grm3	0.0002042	2.34141
1451461_a_at	aldolase 3, C isoform	Aldoc	6.54E-05	2.34287
1449519_at	growth arrest and DNA-damage-inducible 45 alpha	Gadd45a	0.0055333	2.34346
1437085_at	RIKEN cDNA D630039A03 gene	D630039A03Rik	0.0001668	2.34389
1430569_at	tetratricopeptide repeat domain 9C	Ttc9c	0.0212276	2.34512
1424463_at	RIKEN cDNA 2210010L05 gene	2210010L05Rik	1.75E-05	2.34583
1422677_at	diacylglycerol O-acyltransferase 2	Dgat2	0.0001973	2.34608
1436327_a_at	vacuolar protein sorting 53 (yeast)	Vps53	0.0007021	2.3481
1448926_at	homeo box A5	Hoxa5	0.0001596	2.3488
1419595_a_at	gamma-glutamyl hydrolase	Ggh	1.35E-05	2.3489
1447914_x_at	RIKEN cDNA 2600010E01 gene	2600010E01Rik	0.0046343	2.35187
1438408_at	ankyrin repeat domain 56	Ankrd56	0.0018834	2.35311
1427127_x_at	heat shock protein 1B	Hspa1b	0.0021474	2.35359
1427126_at	heat shock protein 1B	Hspa1b	0.0001085	2.35363
1452388_at	heat shock protein 1A	Hspa1a	2.87E-05	2.35636
1441851_x_at	lymphocyte antigen 6 complex, locus G6C	Ly6g6c	0.0007703	2.35695
1425737_at	RIKEN cDNA 2510016G02 gene	2510016G02Rik	0.0008181	2.35953
1451626_x_at	---	---	0.0058351	2.36044
1421370_a_at	interleukin 1 family, member 5 (delta)	Il1f5	2.50E-05	2.36247
1448150_at	nucleoporin 62	Nup62	0.0003018	2.36273
1430357_at	H3 histone, family 3B	H3f3b	0.0002403	2.36334
1438157_s_at	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, al	Nfkbia	0.0022675	2.36484
1421969_a_at	fatty acid amide hydrolase	Faah	3.08E-05	2.36528
1423839_a_at	basic transcription factor 3	Btf3	0.0489076	2.36536
1448939_at	ubiquitin specific peptidase 25	Usp25	0.0011597	2.36803
1449959_x_at	late cornified envelope 1H	Lce1h	1.94E-06	2.36838
1448865_at	hydroxysteroid (17-beta) dehydrogenase 7	Hsd17b7	2.24E-05	2.36878
1421145_at	solute carrier family 26 (sulfate transporter), member 2	Slc26a2	0.000434	2.37046
1424966_at	transmembrane protein 40	Tmem40	1.91E-05	2.37175
1449902_at	late cornified envelope 1G /// late cornified envelope 1C	Lce1c /// Lce1g	2.01E-05	2.37629
1441971_at	Transcribed locus	---	1.02E-05	2.37903
1448489_at	platelet-activating factor acetylhydrolase 2	Pafah2	4.58E-05	2.37957
1443755_at	Transcribed locus, weakly similar to NP_001041350.1 arylsulfatase E [Rattus norv	---	0.0007333	2.38006
1441205_at	RIKEN cDNA 1700055N04 gene	1700055N04Rik	0.0002758	2.38105
1421075_s_at	cytochrome P450, family 7, subfamily b, polypeptide 1	Cyp7b1	1.33E-05	2.38167
1439186_at	RIKEN cDNA E130319B15 gene	E130319B15Rik	0.0039825	2.38356
1441811_x_at	transmembrane protein 176A	Tmem176a	5.31E-05	2.38442
1436820_at	potassium channel tetramerisation domain containing 11	Kctd11	1.58E-05	2.38592

1455324_at	phosphatidylinositol-specific phospholipase C, X domain containing 2	Plcxd2	4.27E-05	2.38866
1449621_s_at	thrombospondin, type I, domain 1	Thsd1	1.06E-05	2.38908
1443122_at	Transcribed locus, strongly similar to NP_034020.1 cholesterol 25-hydroxylase [M	---	0.0006312	2.38953
1425675_s_at	CEA-related cell adhesion molecule 1	Ceacam1	2.52E-05	2.38965
1449271_a_at	heme binding protein 2	Hebp2	0.0001678	2.39459
1420816_at	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma po	Ywhag	0.0004316	2.39537
1460740_at	clathrin, light polypeptide (Lcb) /// similar to Cltb protein	Cltb /// LOC100046457	3.48E-06	2.39618
1439528_at	RIKEN cDNA 4833423E24 gene	4833423E24Rik	4.87E-06	2.39761
1437225_x_at	guanine nucleotide binding protein (G protein), alpha inhibiting 3	Gnai3	0.022659	2.39963
1447749_at	SET and MYND domain containing 5	Smyd5	0.0256702	2.40157
1417123_at	vav 3 oncogene	Vav3	5.81E-05	2.40382
1433531_at	acyl-CoA synthetase long-chain family member 4	Acsl4	0.001091	2.40484
1451927_a_at	mitogen-activated protein kinase 14	Mapk14	0.000591	2.40555
1424525_at	gastrin releasing peptide	Grp	0.000153	2.40967
1436390_a_at	chloride channel CLIC-like 1	Clcc1	0.0111125	2.40973
1450460_at	aquaporin 3	Aqp3	3.91E-05	2.41027
1425603_at	transmembrane protein 176A	Tmem176a	3.02E-05	2.41043
1452298_a_at	myosin Vb	Myo5b	2.31E-05	2.41103
1417896_at	tight junction protein 3	Tjp3	0.00028	2.41247
1423936_at	potassium channel tetramerisation domain containing 5	Kctd5	4.87E-05	2.41284
1417750_a_at	solute carrier family 25, member 37	Slc25a37	2.85E-07	2.41523
1436321_at	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 7	B3gnt7	9.27E-05	2.41671
1436077_a_at	FCH domain only 1	Fcho1	1.18E-05	2.4181
1434895_s_at	protein phosphatase 1, regulatory (inhibitor) subunit 13B	Ppp1r13b	0.0001043	2.41898
1437062_s_at	phytanoyl-CoA hydroxylase interacting protein-like	Phyhipl	4.44E-05	2.42335
1456114_at	CDP-diacylglycerol synthase 1	Cds1	9.60E-06	2.42665
1434301_at	RIKEN cDNA D330050I23 gene	D330050I23Rik	1.03E-05	2.42951
1435980_x_at	wingless-related MMTV integration site 6	Wnt6	0.0012976	2.43051
1451712_at	RIKEN cDNA 8030411F24 gene	8030411F24Rik	0.0001797	2.4319
1452077_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked	Ddx3y	0.0048151	2.43233
1419647_a_at	immediate early response 3	Ier3	1.88E-06	2.4364
1425447_at	dickkopf homolog 4 (Xenopus laevis)	Dkk4	0.0006125	2.43949
1450205_at	fibroblast growth factor 22	Fgf22	4.52E-05	2.44314
1434229_a_at	polymerase (DNA directed), beta	Polb	0.0007684	2.44422
1420013_s_at	lanosterol synthase	Lss	8.25E-05	2.44521
1422664_at	RAB10, member RAS oncogene family	Rab10	0.000931	2.45416
1417700_at	Rab38, member of RAS oncogene family	Rab38	1.04E-06	2.45549
1435105_at	ring finger protein 208	Rnf208	0.0001349	2.45703
1427477_at	transmembrane protease, serine 13	Tmprss13	4.06E-06	2.45738
1450789_at	rhophilin, Rho GTPase binding protein 1	Rhpn1	8.85E-05	2.46158
1451258_at	prostate stem cell antigen	Pzca	8.53E-06	2.46373
1439971_at	RIKEN cDNA 6330439K17 gene	6330439K17Rik	0.0007512	2.46578
1448754_at	retinol binding protein 1, cellular /// similar to cellular retinol binding prot	LOC100045055 /// Rbp1	0.0002603	2.47166
1447754_x_at	THAP domain containing 4	Thap4	0.0015118	2.47994
1450014_at	claudin 1	Cldn1	0.0002187	2.48252

1422905_s_at	flavin containing monooxygenase 2	Fmo2	7.78E-06	2.4831
1437172_x_at	hydroxyacyl-Coenzyme A dehydrogenase/3-ketoacyl-Coenzyme A thiolase/enoyl-Coenzy	Hadhb	0.0373606	2.48321
1437145_s_at	RIKEN cDNA 2310002J15 gene	2310002J15Rik	0.0002608	2.48341
1451690_a_at	poliovirus receptor-related 4	Pvrl4	8.52E-05	2.48377
1425027_s_at	SFT2 domain containing 2	Sft2d2	9.81E-06	2.48417
1457632_s_at	Meis homeobox 2	Meis2	0.00019	2.48848
1449449_at	prostaglandin E synthase	Ptges	7.54E-05	2.48865
1422997_s_at	acyl-CoA thioesterase 1 /// acyl-CoA thioesterase 2 /// similar to acyl-CoA thio	Acot1 /// Acot2 /// LOC100044	1.28E-05	2.48903
1429833_at	lymphocyte antigen 6 complex, locus G6E	Ly6g6e	5.63E-06	2.49046
1420521_at	papilin, proteoglycan-like sulfated glycoprotein	Papln	1.73E-05	2.49101
1451440_at	chondrolectin	Chodl	0.0003579	2.49207
1437932_a_at	claudin 1	Cldn1	0.0002855	2.49248
1425521_at	polyadenylate binding protein-interacting protein 1	Paip1	0.0082225	2.49357
1448952_at	RIKEN cDNA A030009H04 gene	A030009H04Rik	1.06E-06	2.49418
1415993_at	squalene epoxidase	Sqle	2.92E-05	2.4947
1433560_at	solute carrier family 45, member 4	Slc45a4	8.94E-05	2.4964
1460682_s_at	CEA-related cell adhesion molecule 1 /// CEA-related cell adhesion molecule 2	Ceacam1 /// Ceacam2	4.47E-06	2.49829
1453004_at	solute carrier family 22, member 23	Slc22a23	0.0002423	2.49852
1429452_x_at	RIKEN cDNA 4933439C20 gene	4933439C20Rik	0.0006076	2.50177
1434477_at	headcase homolog (Drosophila)	Heca	2.13E-05	2.50442
1441860_x_at	Insulin degrading enzyme	Ide	0.0029066	2.50473
1449367_at	three prime repair exonuclease 2	Trex2	0.0001161	2.50644
1441197_at	RIKEN cDNA 9530059O14 gene	9530059O14Rik	3.41E-05	2.50794
1459992_x_at	ceroid-lipofuscinosis, neuronal 8	Cln8	0.0001318	2.5102
1427630_x_at	CEA-related cell adhesion molecule 1	Ceacam1	0.0002331	2.51023
1420249_s_at	chemokine (C-C motif) ligand 6	Ccl6	1.78E-06	2.51076
1419486_at	forkhead box C1	Foxc1	0.0006298	2.51124
1419052_at	OVO homolog-like 1 (Drosophila)	Ovol1	3.24E-05	2.51319
1434092_at	ATG9 autophagy related 9 homolog B (S. cerevisiae)	Atg9b	2.31E-06	2.51881
1436078_at	FCH domain only 1	Fcho1	3.51E-05	2.52352
1435462_at	phosphatidylinositol-specific phospholipase C, X domain containing 2	Plcxd2	7.77E-07	2.53141
1437469_at	zinc finger protein 750	Zfp750	3.27E-05	2.53277
1423284_at	MANSC domain containing 1	Mansc1	0.0001485	2.53306
1458347_s_at	transmembrane protease, serine 2	Tmprss2	0.0005445	2.53798
1447186_at	solute carrier family 6, member 16	Slc6a16	5.02E-05	2.53828
1420332_x_at	late cornified envelope 1D	Lce1d	7.67E-05	2.53944
1417222_a_at	transmembrane protein 123	Tmem123	0.0281259	2.54074
1421325_at	phospholipase A2, group IIE /// phospholipase A2, group IIF	Pla2g2e /// Pla2g2f	6.44E-06	2.54227
1423707_at	transmembrane protein 50B	Tmem50b	5.96E-06	2.54245
1423142_a_at	GTP binding protein 4	Gtppb4	0.003944	2.54294
1427844_a_at	CCAAT/enhancer binding protein (C/EBP), beta	Cebpb	4.07E-05	2.54477
1419722_at	kallikrein related-peptidase 8	Klk8	5.83E-05	2.5479
1455009_at	carboxypeptidase D	Cpd	0.0001166	2.54842
1448390_a_at	dehydrogenase/reductase (SDR family) member 3	Dhrs3	2.78E-07	2.54878
1426634_at	solute carrier family 5 (sodium/glucose cotransporter), member 9	Slc5a9	3.92E-06	2.55152

1447174_at	Transcribed locus	---	0.0008012	2.55454
1450850_at	ezrin /// hypothetical protein LOC100044177	Ezr /// LOC100044177	1.60E-06	2.5549
1435076_at	RIKEN cDNA 2310047D13 gene	2310047D13Rik	9.70E-06	2.55764
1422533_at	cytochrome P450, family 51	Cyp51	1.48E-05	2.56737
1423295_at	transmembrane 9 superfamily member 2	Tm9sf2	0.0372068	2.56816
1426959_at	3-hydroxybutyrate dehydrogenase, type 1	Bdh1	3.26E-05	2.5707
1428701_at	poliovirus receptor-related 4	Pvrl4	0.0001672	2.57313
1415947_at	pappalysin 2 /// cellular repressor of E1A-stimulated genes 1	Creg1 /// Pappa2	5.60E-05	2.57319
1440147_at	leucine-rich repeat LGI family, member 2	Lgi2	0.0007698	2.57971
1423725_at	plastin 3 (T-isoform)	Pls3	0.004813	2.58058
1455908_a_at	serine carboxypeptidase 1	Scpep1	0.0022511	2.58607
1442923_at	PTK6 protein tyrosine kinase 6	Ptk6	0.000129	2.58899
1418100_at	RIKEN cDNA A030009H04 gene	A030009H04Rik	3.72E-05	2.59654
1418517_at	Iroquois related homeobox 3 (Drosophila)	Irx3	1.09E-06	2.59703
1425088_at	sodium channel, nonvoltage-gated, type I, alpha	Scnn1a	2.57E-05	2.5991
1422904_at	flavin containing monooxygenase 2	Fmo2	5.66E-05	2.60014
1423078_a_at	sterol-C4-methyl oxidase-like	Sc4mol	3.56E-05	2.6013
1438558_x_at	forkhead box Q1	Foxq1	0.0003471	2.60702
1451236_at	RAS-like, estrogen-regulated, growth-inhibitor	Rerg	0.0001562	2.60906
1448459_at	Kv channel-interacting protein 1	Kcnp1	2.53E-05	2.61687
1454632_at	RIKEN cDNA 6330442E10 gene	6330442E10Rik	0.0002809	2.61808
1449901_a_at	mitogen-activated protein kinase kinase kinase 6	Map3k6	8.15E-05	2.61878
1437874_s_at	hexosaminidase B	Hexb	0.0014844	2.62017
1417047_at	prominin 2	Prom2	0.0001126	2.62322
1419032_at	RIKEN cDNA 2610018G03 gene	2610018G03Rik	1.83E-05	2.62373
1416236_a_at	myelin protein zero-like 2	Mpzl2	0.0001428	2.62483
1451776_s_at	HOP homeobox	Hopx	2.12E-05	2.62646
1452385_at	ubiquitin specific peptidase 53	Usp53	0.0031617	2.632
1429154_at	solute carrier family 35, member F2 /// similar to Solute carrier family 35, mem	LOC100048307 /// Slc35f2	0.0002105	2.63499
1458871_at	transmembrane protease, serine 11e	Tmprss11e	0.0002284	2.64468
1453218_at	late cornified envelope 1C	Lce1c	0.0078349	2.64497
1421835_at	microtubule-associated protein 7	Mtap7	3.91E-05	2.64536
1440890_a_at	zinc finger protein 809	Zfp809	2.10E-05	2.64576
1417968_a_at	methyl-CpG binding domain protein 1	Mbd1	1.73E-05	2.64799
1451050_at	5'-nucleotidase, cytosolic III	Nt5c3	4.56E-06	2.64906
1430837_a_at	methyl-CpG binding domain protein 1	Mbd1	0.0003131	2.65002
1450646_at	cytochrome P450, family 51	Cyp51	5.99E-06	2.65066
1454787_at	zinc finger, DHHC domain containing 9	Zdhhc9	1.61E-05	2.65086
1455694_at	neurobeachin-like 2	Nbeal2	5.55E-05	2.66022
1448756_at	S100 calcium binding protein A9 (calgranulin B)	S100a9	0.0001658	2.66413
1444254_at	tensin 4	Tns4	3.33E-05	2.66625
1436718_at	neurexophilin 1	Nxph1	0.0134452	2.66842
1434599_a_at	tight junction protein 2	Tjp2	0.0018842	2.67465
1422666_at	Casitas B-lineage lymphoma c	Cblc	2.60E-05	2.67764
1449526_a_at	glycerophosphodiester phosphodiesterase domain containing 3	Gdpd3	2.52E-05	2.68273

1420677_x_at	late cornified envelope 1A1	Lce1a1	0.0001829	2.68633
1419485_at	forkhead box C1	Foxc1	0.0005884	2.68857
1428804_at	microfibrillar-associated protein 3-like	Mfap3l	0.0003112	2.69245
1435033_at	Rho guanine nucleotide exchange factor (GEF) 4	Arhgef4	7.82E-05	2.69396
1425264_s_at	myelin basic protein	Mbp	1.34E-08	2.69438
1428957_at	transmembrane protein 177	Tmem177	9.53E-05	2.69756
1424148_a_at	signal transducing adaptor family member 2	Stap2	6.24E-05	2.69978
1452932_at	zinc finger and BTB domain containing 7a	Zbtb7a	0.0019487	2.70095
1454658_at	ilvB (bacterial acetolactate synthase)-like	Ilvbl	6.98E-06	2.70192
1418648_at	EGL nine homolog 3 (C. elegans)	Egln3	0.0001062	2.70481
1450015_x_at	sphingosine-1-phosphate phosphatase 1	Sgpp1	5.72E-05	2.70592
1435155_at	cingulin	Cgn	6.16E-05	2.70769
1426438_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, Y-linked	Ddx3y	0.0083327	2.71403
1440779_s_at	solute carrier family 5 (sodium/glucose cotransporter), member 9	Slc5a9	0.0001206	2.7159
1425321_a_at	calmin	Clmn	1.86E-05	2.72807
1434237_at	uroplakin 3B	Upk3b	5.86E-05	2.73669
1451320_at	RIKEN cDNA 3110043J09 gene	3110043J09Rik	0.0005214	2.74141
1422573_at	AMP deaminase 3	Ampd3	8.45E-06	2.74201
1425764_a_at	branched chain aminotransferase 2, mitochondrial	Bcat2	0.0003634	2.7498
1425418_at	WAP four-disulfide core domain 5	Wfdc5	2.98E-05	2.75112
1424306_at	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 4	Elov4	0.000185	2.75312
1452017_at	SRY-box containing gene 15	Sox15	0.0011234	2.75618
1417122_at	vav 3 oncogene	Vav3	0.0003151	2.76409
1444507_at	ubiquitin specific peptidase 53	Usp53	0.0001036	2.76779
1453590_at	ADP-ribosylation factor-like 5B	Arl5b	0.000301	2.76782
1417797_a_at	RIKEN cDNA 1810019J16 gene	1810019J16Rik	0.0103444	2.77067
1419033_at	RIKEN cDNA 2610018G03 gene	2610018G03Rik	5.84E-06	2.77162
1421524_at	cripto, FRL-1, cryptic family 1	Cfc1	1.68E-05	2.77198
1445181_at	echinoderm microtubule associated protein like 5	Eml5	5.17E-05	2.77239
1427261_at	WW, C2 and coiled-coil domain containing 1	Wwc1	1.13E-05	2.78149
1416674_at	protein tyrosine phosphatase, receptor type, U	Ptpru	1.47E-05	2.78263
1443882_at	Transcribed locus	---	1.32E-06	2.79348
1425073_at	pleckstrin homology domain containing, family G (with RhoGef domain) member 6	Plekhg6	5.36E-07	2.79588
1448158_at	syndecan 1	Sdc1	9.32E-05	2.80043
1427195_at	Mus musculus, clone IMAGE:3983419, mRNA	---	2.60E-05	2.80305
1422749_at	lymphocyte antigen 6 complex, locus G6C	Ly6g6c	3.60E-06	2.80308
1448110_at	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cyt	Sema4a	3.22E-05	2.8054
1438360_x_at	solute carrier family 25 (mitochondrial carrier, adenine nucleotide translocator	LOC383528 /// LOC630624 //	0.02283	2.81339
1443997_at	G protein regulated inducer of neurite outgrowth 2	Gprn2	1.72E-05	2.81681
1427019_at	protein tyrosine phosphatase, receptor type Z, polypeptide 1	Ptprz1	8.96E-06	2.82781
1448326_a_at	cellular retinoic acid binding protein I	Crabp1	5.10E-05	2.83113
1433930_at	heparanase	Hpse	7.18E-06	2.83441
1449065_at	acyl-CoA thioesterase 1 /// similar to acyl-CoA thioesterase	Acot1 /// LOC100044830	6.26E-05	2.83727
1451457_at	sterol-C5-desaturase (fungal ERG3, delta-5-desaturase) homolog (S. cerevisiae)	Sc5d	0.0001021	2.8406
1455691_at	cytochrome P450, family 21, subfamily a, polypeptide 1	Cyp21a1	4.04E-05	2.8417

1456888_at	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4	Pfkfb4	9.63E-05	2.8492
1438855_x_at	tumor necrosis factor, alpha-induced protein 2	Tnfaip2	0.0016651	2.85503
1418207_at	FXFD domain-containing ion transport regulator 4	Fxyd4	0.000161	2.85672
1430596_s_at	vestigial like 3 (Drosophila)	Vgll3	0.0004098	2.85844
1425715_at	interleukin 1 family, member 8	Il1f8	0.0001138	2.86323
1422629_s_at	shroom family member 3	Shroom3	5.25E-05	2.87716
1433453_a_at	ankyrin repeat and BTB (POZ) domain containing 2	Abtb2	0.0017715	2.87891
1417156_at	keratin 19	Krt19	0.0001434	2.87942
1421663_at	dehydrogenase/reductase member 2	Dhrs2	0.000166	2.88049
1452834_at	RIKEN cDNA 2600010E01 gene	2600010E01Rik	1.22E-05	2.88925
1418649_at	EGL nine homolog 3 (C. elegans)	Egln3	2.53E-06	2.89389
1456467_s_at	nemo like kinase /// similar to nemo-like kinase	LOC100044468 /// Nik	0.0175189	2.90023
1451363_a_at	DENN/MADD domain containing 2D	Dennd2d	0.0004955	2.90035
1457254_x_at	RIKEN cDNA 6330442E10 gene	6330442E10Rik	0.0001917	2.90104
1419133_at	envoplakin	Evpl	4.96E-05	2.90407
1428980_at	keratinocyte expressed, proline-rich	Kprp	3.26E-06	2.90697
1438665_at	sphingomyelin phosphodiesterase 3, neutral	Smpd3	1.35E-05	2.91151
1449237_at	arachidonate lipoxygenase 3	Aloxe3	6.61E-06	2.91533
1416854_at	solute carrier family 34 (sodium phosphate), member 2	Slc34a2	3.21E-07	2.9156
1460042_at	solute carrier family 23 (nucleobase transporters), member 3	Slc23a3	0.000787	2.91664
1428662_a_at	HOP homeobox	Hopx	8.29E-06	2.91828
1436614_at	Transcribed locus	---	1.46E-05	2.92088
1418791_at	SH3-domain GRB2-like 2	Sh3gl2	7.11E-05	2.9239
1452957_at	keratin associated protein 3-3 /// keratin associated protein 3-2	Krtap3-2 /// Krtap3-3	0.0004055	2.92407
1434109_at	SH3 domain binding glutamic acid-rich protein like 2	Sh3bgl2	0.0001073	2.92569
1453970_at	ATP-binding cassette, sub-family A (ABC1), member 12	Abca12	3.78E-05	2.9276
1428776_at	solute carrier family 10 (sodium/bile acid cotransporter family), member 6	Slc10a6	5.33E-06	2.93153
1421040_a_at	glutathione S-transferase, alpha 2 (Yc2)	Gsta2	4.64E-06	2.9326
1447845_s_at	vanin 1	Vnn1	3.83E-05	2.93979
1418601_at	aldehyde dehydrogenase family 1, subfamily A7	Aldh1a7	1.12E-05	2.9413
1425248_a_at	TYRO3 protein tyrosine kinase 3 /// similar to Rse	LOC100048488 /// Tyro3	4.91E-05	2.94243
1422222_at	involucrin	Ivl	4.08E-05	2.946
1416785_at	Kv channel-interacting protein 1	Kcni1	1.65E-05	2.94673
1420824_at	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cyt	Sema4d	3.58E-05	2.94929
1419717_at	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphor	LOC100044162 /// Sema3e	2.57E-05	2.95106
1420771_at	small proline-rich protein 2D	Spr2d	5.73E-05	2.95849
1429844_at	RIKEN cDNA 2310043J07 gene	2310043J07Rik	0.00017	2.95923
1420822_s_at	sphingosine-1-phosphate phosphatase 1	Sgpp1	0.0018657	2.96367
1448600_s_at	vav 3 oncogene	Vav3	0.0007048	2.96973
1421943_at	transforming growth factor alpha	Tgfa	9.00E-08	2.97362
1422822_at	StAR-related lipid transfer (START) domain containing 5	Stard5	1.02E-05	2.97559
1423174_a_at	par-6 (partitioning defective 6) homolog beta (C. elegans)	Pard6b	0.0001235	2.97717
1442263_at	regulator of G-protein signaling 13	Rgs13	0.0002318	2.97952
1429909_at	RIKEN cDNA 2600010E01 gene	2600010E01Rik	0.0027705	2.98194
1440186_s_at	prosaposin-like 1	Psap11	0.0011222	2.98347

1417837_at	pleckstrin homology-like domain, family A, member 2	Phlda2	6.66E-05	2.99047
1437813_at	absent in melanoma 1-like	Aim11	3.58E-05	2.99147
1420391_at	par-3 (partitioning defective 3) homolog (C. elegans)	Pard3	0.0001355	2.99173
1439492_at	serine palmitoyltransferase, long chain base subunit 3	Sptlc3	8.25E-06	2.99527
1455477_s_at	PDZK1 interacting protein 1	Pdzk1ip1	2.98E-06	3.00037
1453435_a_at	flavin containing monooxygenase 2	Fmo2	1.47E-05	3.00346
1449074_at	RIKEN cDNA 1700019N12 gene	1700019N12Rik	8.32E-05	3.00402
1420413_at	solute carrier family 7 (cationic amino acid transporter, y+ system), member 11	Slc7a11	0.0006399	3.00494
1419498_at	transmembrane and immunoglobulin domain containing 1	Tmigd1	2.49E-05	3.00716
1438394_x_at	keratin 4	Krt4	0.0005519	3.00986
1420676_at	late cornified envelope 1A1	Lce1a1	0.0004166	3.01432
1430724_at	abhydrolase domain containing 9	Abhd9	2.59E-05	3.0162
1422779_at	sphingomyelin phosphodiesterase 3, neutral	Smpd3	0.0002698	3.01791
1456210_at	RIKEN cDNA 5430407P10 gene	5430407P10Rik	6.46E-05	3.0395
1448241_at	GM2 ganglioside activator protein	Gm2a	1.00E-07	3.04951
1437250_at	melanoregulin	Mreg	6.46E-05	3.05378
1419147_at	REC8 homolog (yeast)	Rec8	0.0001097	3.05984
1435459_at	flavin containing monooxygenase 2	Fmo2	4.39E-05	3.06198
1453593_at	vestigial like 3 (Drosophila)	Vgll3	0.0002534	3.06746
1424127_at	eyes absent 2 homolog (Drosophila)	Eya2	0.0002587	3.06764
1434496_at	polo-like kinase 3 (Drosophila)	Plk3	3.77E-05	3.07422
1452492_a_at	solute carrier family 37 (glycerol-3-phosphate transporter), member 2	Slc37a2	7.49E-06	3.07676
1418025_at	basic helix-loop-helix domain containing, class B2	Bhlhb2	3.87E-06	3.07904
1423175_s_at	par-6 (partitioning defective 6) homolog beta (C. elegans)	Pard6b	0.0001496	3.08094
1443043_at	otopetrin 2	Otop2	8.47E-05	3.08159
1425837_a_at	CCR4 carbon catabolite repression 4-like (S. cerevisiae) /// similar to carbon c	Ccrn4l /// LOC100047134	9.53E-06	3.0882
1419201_at	kallikrein related-peptidase 11	Klk11	9.13E-06	3.08881
1424256_at	retinol dehydrogenase 12	Rdh12	6.55E-06	3.08959
1428151_x_at	cysteine conjugate-beta lyase 1	Ccbl1	1.62E-06	3.09624
1449254_at	secreted phosphoprotein 1	Spp1	0.000483	3.09842
1451546_s_at	transmembrane protein 40	Tmem40	5.05E-05	3.10057
1423136_at	fibroblast growth factor 1	Fgf1	5.57E-05	3.1007
1424318_at	RIKEN cDNA 1110067D22 gene	1110067D22Rik	1.95E-06	3.10137
1424077_at	glycerophosphodiester phosphodiesterase domain containing 1	Gdpd1	4.09E-05	3.10275
1418924_at	Ras association (RalGDS/AF-6) domain family (N-terminal) member 7	Rassf7	2.80E-05	3.10436
1417895_a_at	transmembrane protein 54	Tmem54	4.31E-05	3.10525
1449155_at	polymerase (RNA) III (DNA directed) polypeptide G	Polr3g	2.03E-05	3.11006
1435463_s_at	myosin ID	Myo1d	2.31E-05	3.11083
1447361_at	Transcribed locus, strongly similar to NP_038632.1 metaxin 1 [Mus musculus]	---	0.0013014	3.11353
1419135_at	lymphotoxin B	Ltb	7.26E-05	3.11865
1449365_at	endothelial differentiation, sphingolipid G-protein-coupled receptor, 8	Edg8	0.0002133	3.12309
1451308_at	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 4	Elov14	2.26E-05	3.12369
1418739_at	serum/glucocorticoid regulated kinase 2	Sgk2	3.79E-05	3.13154
1437279_x_at	syndecan 1	Sdc1	0.0007252	3.14087
1438934_x_at	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cyt	Sema4a	0.0016794	3.14154

1436155_at	nicotinamide nucleotide adenylyltransferase 2	Nmnat2	0.0001186	3.1428
1438566_at	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 6	St8sia6	5.37E-06	3.14299
1420364_at	G protein-coupled receptor 87	Gpr87	8.52E-07	3.15046
1431554_a_at	annexin A9	Anxa9	2.63E-06	3.1583
1451846_at	nebulette	Nebi	8.61E-05	3.15996
1453599_at	tripartite motif-containing 71	Trim71	0.0001271	3.1601
1423120_at	insulin degrading enzyme	Ide	8.23E-06	3.16542
1427202_at	RIKEN cDNA 4833442J19 gene	4833442J19Rik	3.29E-05	3.16829
1437694_at	Transcribed locus	---	0.0006253	3.16842
1423437_at	glutathione S-transferase, alpha 3	Gsta3	1.28E-05	3.17289
1457700_at	cytochrome P450, family 4, subfamily f, polypeptide 39	Cyp4f39	2.54E-06	3.18012
1457044_at	RIKEN cDNA 4732474O15 gene	4732474O15Rik	0.0002325	3.18299
1431010_a_at	retinol dehydrogenase 12	Rdh12	0.0001013	3.18336
1439018_at	FH2 domain containing 1	Fhdc1	1.06E-05	3.18623
1453607_at	microfibrillar-associated protein 3-like	Mfap3l	7.32E-05	3.18648
1457026_at	lipase, member H	Liph	2.24E-05	3.18805
1452136_at	solute carrier family 5 (sodium/glucose cotransporter), member 9	Slc5a9	0.0001258	3.20186
1451100_a_at	carnitine deficiency-associated gene expressed in ventricle 3	Cdv3	0.0003263	3.20236
1437842_at	phosphatidylinositol-specific phospholipase C, X domain containing 1	Plcx1	9.85E-05	3.21562
1455216_at	progesterin and adipoQ receptor family member VI	Paqr6	5.74E-05	3.21678
1418320_at	protease, serine, 8 (prostatic)	Prss8	8.56E-06	3.22265
1419570_at	solute carrier family 28 (sodium-coupled nucleoside transporter), member 3	Slc28a3	3.80E-05	3.2239
1423323_at	tumor-associated calcium signal transducer 2	Tacstd2	3.47E-07	3.23116
1418283_at	claudin 4	Cldn4	2.94E-06	3.23615
1451895_a_at	24-dehydrocholesterol reductase	Dhcr24	1.03E-06	3.24547
1422821_s_at	StAR-related lipid transfer (START) domain containing 5	Stard5	3.15E-05	3.2464
1453801_at	thioesterase superfamily member 5	Them5	1.74E-05	3.26605
1417575_at	OTU domain, ubiquitin aldehyde binding 2	Otub2	3.55E-05	3.26888
1452650_at	tripartite motif-containing 62	Trim62	0.0001259	3.27017
1422735_at	forkhead box Q1	Foxq1	0.000149	3.27762
1427673_a_at	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphor	LOC100044162 /// Sema3e	8.38E-06	3.27796
1424409_at	claudin 23	Cldn23	5.50E-05	3.28915
1448265_x_at	myelin protein zero-like 2	Mpzl2	1.73E-05	3.29022
1457915_at	RIKEN cDNA 4833442J19 gene	4833442J19Rik	1.04E-05	3.29294
1418304_at	protocadherin 21	Pcdh21	1.40E-05	3.30574
1452284_at	protein tyrosine phosphatase, receptor type Z, polypeptide 1	Ptprz1	2.61E-05	3.30983
1418352_at	hydroxysteroid (17-beta) dehydrogenase 2	Hsd17b2	5.36E-05	3.31729
1417489_at	neuropeptide Y receptor Y2	Npy2r	0.0001459	3.31877
1452517_at	pleckstrin homology domain containing, family H (with MyTH4 domain) member 1	Plekhh1	4.64E-05	3.32733
1457936_at	mitogen-activated protein kinase 8	Mapk8	9.60E-06	3.32814
1434094_at	transmembrane protein 125	Tmem125	0.0001885	3.33166
1438452_at	nebulette	Nebi	3.37E-06	3.33575
1425290_at	syntaxin 19	Stx19	1.02E-05	3.34948
1451667_at	RIKEN cDNA C530043G21 gene	C530043G21Rik	1.30E-05	3.35425
1451613_at	transformation related protein 63 regulated	Flg /// Hnrr	0.0011274	3.36036

1430114_at	phosphatidylinositol glycan anchor biosynthesis, class H	Tprg	7.88E-06	3.36593
1455860_at	StAR-related lipid transfer (START) domain containing 5	Pigh	3.55E-05	3.37338
1450769_s_at	chemokine (C-C motif) ligand 6	Stard5	0.000313	3.38607
1417266_at	isopentenyl-diphosphate delta isomerase	Ccl6	1.71E-06	3.38922
1423804_a_at	glutamate receptor, ionotropic, AMPA2 (alpha 2)	Idi1	0.0013413	3.39001
1421970_a_at	eukaryotic translation initiation factor 2, subunit 3, structural gene Y-linked	Gria2	6.98E-06	3.39104
1417210_at	serine (or cysteine) peptidase inhibitor, clade B, member 8	Eif2s3y	0.0023763	3.39275
1422776_at	phosphoserine phosphatase	Serpnb8	3.59E-06	3.40068
1415673_at	sciellin	Psph	1.84E-07	3.40644
1422837_at	coiled-coil domain containing 120	Scel	6.40E-06	3.40949
1428066_at	myelin protein zero-like 3	Ccdc120	1.26E-05	3.41759
1435571_at	par-3 (partitioning defective 3) homolog (C. elegans)	Mpzl3	4.58E-07	3.42101
1436765_at	prosaposin-like 1	Pard3	1.22E-05	3.42364
1429457_at	EPS8-like 2	Psapl1	5.19E-06	3.42428
1417843_s_at	macrophage stimulating 1 (hepatocyte growth factor-like)	Eps8l2	2.73E-07	3.43833
1418267_at	glutathione S-transferase, alpha 1 (Ya) /// glutathione S-transferase, alpha 2 (Mst1	1.75E-05	3.44701
1421041_s_at	cysteine conjugate-beta lyase 1	Gsta1 /// Gsta2 /// LOC10004	1.77E-06	3.44886
1452678_a_at	mal, T-cell differentiation protein-like	Ccbl1	0.0008641	3.44943
1435693_at	serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antit	Mall	2.85E-06	3.45011
1429285_at	RIKEN cDNA 4933439C20 gene	Serpina9	9.05E-05	3.45595
1453144_at	B-cell linker	4933439C20Rik	0.0002205	3.47243
1451780_at	trans-acting transcription factor 6	Blnk	7.54E-05	3.47335
1427787_at	sphingosine-1-phosphate phosphatase 1	Sp6	3.89E-06	3.47664
1420821_at	solute carrier family 7 (cationic amino acid transporter, y+ system), member 11	Sgpp1	0.0081997	3.481
1443536_at	serine (or cysteine) peptidase inhibitor, clade B, member 2	Slc7a11	6.93E-05	3.48224
1419082_at	CEA-related cell adhesion molecule 1	Serpnb2	9.55E-05	3.48365
1425538_x_at	cytochrome P450, family 3, subfamily a, polypeptide 13	Ceacam1	5.41E-05	3.4931
1419523_at	syndecan binding protein (syntenin) 2	Cyp3a13	0.0002971	3.50406
1424090_at	phospholipase A2, group IVD /// similar to cytosolic phospholipase A2 delta	Sdcbp2	6.71E-05	3.51114
1453405_at	RIKEN cDNA 2610528J11 gene	LOC100048636 /// Pla2g4d	3.28E-05	3.52701
1450947_at	occludin	2610528J11Rik	4.00E-06	3.53049
1448873_at	homeo box C5	Ocln	3.32E-05	3.53194
1456301_at	solute carrier family 39 (zinc transporter), member 2	Hoxc5	4.34E-06	3.5399
1443163_at	phospholipase A2, group IVF	Slc39a2	3.44E-05	3.55509
1455408_at	Transcribed locus	Pla2g4f	0.0002217	3.55703
1458699_at	3-oxoacid CoA transferase 1	---	5.97E-07	3.56259
1436750_a_at	RIKEN cDNA C130092O11 gene	Oxct1	0.0348414	3.5665
1437306_at	periplakin	C130092O11Rik	9.85E-05	3.57228
1460732_a_at	progesterin and adipoQ receptor family member VII	Ppl	3.96E-06	3.57959
1460674_at	regulator of G-protein signalling 9 binding protein	Paqr7	1.29E-06	3.59725
1440256_at	ankyrin repeat domain 22	Rgs9bp	3.47E-05	3.60679
1453239_a_at	microfibrillar-associated protein 3-like	Ankrd22	1.97E-05	3.61588
1441481_at	PDZK1 interacting protein 1	Mfap3l	0.0001228	3.62669
1417689_a_at	coiled-coil domain containing 64B	Pdzk1ip1	5.31E-06	3.64266
1460051_at	secretory leukocyte peptidase inhibitor	Ccdc64b	4.68E-05	3.65451

1448377_at	lipase, family member M	Sipi	7.46E-06	3.66074
1430551_s_at	RIKEN cDNA 2310007D09 gene	Lipm	0.0007419	3.66712
1452924_at	oxidative stress induced growth inhibitor 1	2310007D09Rik	5.11E-06	3.6688
1424022_at	vanin 1	Osgin1	8.66E-06	3.68253
1418486_at	serine peptidase inhibitor, Kazal type 5	Vnn1	0.000225	3.68424
1430567_at	bactericidal/permeability-increasing protein-like 2	Spink5	1.01E-05	3.68478
1437232_at	solute carrier family 15 (oligopeptide transporter), member 1	Bpil2	0.0003107	3.69045
1419343_at	RIKEN cDNA 9930012K11 gene	Slc15a1	1.91E-06	3.70557
1433801_at	E74-like factor 3	9930012K11Rik	2.61E-06	3.71156
1416916_at	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 1	Elf3	2.98E-05	3.72136
1443820_x_at	RIKEN cDNA 2200002K05 gene	Elovl1	0.0018007	3.72269
1428400_at	repetin	2200002K05Rik	3.79E-05	3.72491
1420431_at	GM2 ganglioside activator protein	Rptn	0.0001284	3.72497
1416188_at	thioesterase superfamily member 5	Gm2a	2.15E-05	3.72541
1431211_s_at	endonuclease domain containing 1	Them5	1.48E-05	3.72568
1433796_at	homeo box C5	Endod1	3.75E-05	3.72629
1439885_at	carbonic anhydrase 8 /// similar to Carbonic anhydrase-related protein (CARP) (C	Hoxc5	1.42E-05	3.7345
1427482_a_at	methyl-CpG binding domain protein 1	Car8 /// LOC676792	3.75E-05	3.73584
1430838_x_at	transmembrane protein 62	Mbd1	3.63E-05	3.73681
1455350_at	chromatin modifying protein 4C	Tmem62	3.00E-05	3.73924
1420517_at	tetratricopeptide repeat domain 22	Chmp4c	0.0007994	3.75875
1457149_at	solute carrier family 28 (sodium-coupled nucleoside transporter), member 3	Ttc22	3.71E-06	3.78792
1419571_at	epsin 3	Slc28a3	2.13E-05	3.7924
1424960_at	small proline-rich protein 3	Epn3	3.32E-05	3.79344
1422401_at	kallikrein related-peptidase 6	Spr3	0.0001262	3.80276
1448982_at	phospholipase A2, group III	Klk6	0.0001155	3.81968
1456231_at	molybdenum cofactor sulfurase	Pla2g3	6.38E-05	3.85576
1429352_at	solute carrier family 5 (sodium/glucose cotransporter), member 9	Mocos	5.98E-06	3.86619
1439494_at	uroplakin 3B	Slc5a9	0.0002292	3.87437
1454881_s_at	24-dehydrocholesterol reductase	Upk3b	7.75E-06	3.88548
1418129_at	RIKEN cDNA 4833413O15 gene	Dhcr24	8.39E-05	3.89801
1457025_at	---	4833413O15Rik	0.0006892	3.90029
1437199_at	caspace 1 /// hypothetical protein LOC100044207	---	1.27E-07	3.90582
1449265_at	NLR family, apoptosis inhibitory protein 1	Casp1 /// LOC100044207	4.67E-06	3.9069
1425298_a_at	neuraminidase 3	Naip1	0.0001103	3.91897
1419339_at	aquaporin 3	Neu3	3.92E-05	3.93583
1422008_a_at	RIKEN cDNA 2310014L17 gene	Aqp3	0.0016147	3.94084
1430715_at	galanin receptor 2	2310014L17Rik	1.00E-05	3.96803
1422942_at	expressed sequence AI661453	Galr2	6.50E-05	3.98826
1425163_at	Transcribed locus	AI661453	2.06E-05	3.99783
1444740_at	fibroblast growth factor 1	---	0.0002383	4.01208
1441042_at	Ly6/Plaur domain containing 5	Fgf1	1.36E-05	4.01744
1453809_at	echinoderm microtubule associated protein like 5	Lypd5	1.30E-05	4.03098
1427484_at	angiotensin I converting enzyme (peptidyl-dipeptidase A) 2	Emi5	5.63E-07	4.03836
1425103_at	kallikrein related-peptidase 9	Ace2	1.98E-05	4.06495

1431681_at	grainyhead-like 3 (Drosophila)	Klk9	7.81E-06	4.06539
1436932_at	RIKEN cDNA 3930401B19 gene /// RIKEN cDNA 1200016E24 gene /// RIKEN cDNA A1300401B19 gene	Grhl3	1.41E-05	4.06926
1453238_s_at	homeo box C5	1200016E24Rik /// 3930401B19	9.32E-06	4.12253
1450832_at	B-box and SPRY domain containing	Hoxc5	8.54E-05	4.12473
1450131_a_at	spinster homolog 2 (Drosophila)	Bspry	1.05E-05	4.13012
1451601_a_at	RIKEN cDNA 2310046K01 gene	Spns2	5.55E-07	4.14647
1429292_a_at	retinol dehydrogenase 20	2310046K01Rik	1.86E-05	4.15309
1430785_at	---	Rdh20	5.14E-05	4.16309
1439944_at	RIKEN cDNA 1110067D22 gene	---	0.0003989	4.16735
1451313_a_at	deoxyribonuclease 1-like 2 /// similar to Dnase1I2 protein	1110067D22Rik	0.0009172	4.1723
1423320_at	mal, T-cell differentiation protein 2	Dnase1I2 /// LOC100047816	2.10E-05	4.18504
1427042_at	sphingomyelin phosphodiesterase 3, neutral	Mal2	9.42E-05	4.19923
1450748_at	keratin 80	Smpd3	4.78E-05	4.20526
1419619_at	calpain 12	Krt80	1.13E-06	4.21443
1449970_at	protocadherin 1	Capn12	1.03E-06	4.22423
1452294_at	RIKEN cDNA 9030409G11 gene	Pcdh1	4.50E-06	4.23178
1431711_a_at	fibroblast growth factor 22	9030409G11Rik	3.12E-05	4.25389
1460296_a_at	DNA segment, Chr 9, ERATO Doi 280, expressed	Fgf22	1.16E-05	4.25605
1456481_at	glycerophosphodiester phosphodiesterase domain containing 1	D9Ert280e	8.31E-07	4.27873
1424076_at	patatin-like phospholipase domain containing 1	Gdpd1	1.29E-05	4.28462
1457448_at	gasdermin A1	Pnpla1	1.56E-05	4.29561
1457777_at	RIKEN cDNA 2310011E23 gene	Gsdma1	1.13E-05	4.2977
1435111_at	NIPA-like domain containing 1	2310011E23Rik	8.92E-07	4.30351
1453345_at	BMP and activin membrane-bound inhibitor, homolog (Xenopus laevis)	Npal1	1.61E-05	4.31506
1423753_at	mal, T-cell differentiation protein-like	Bambi	8.59E-06	4.32937
1425359_at	methyl-CpG binding domain protein 1	Mall	1.48E-06	4.33372
1453678_at	solute carrier family 15, member 3	Mbd1	0.0001494	4.34631
1420697_at	lipase, family member M	Slc15a3	2.49E-05	4.35266
1430550_at	caspase recruitment domain family, member 14	Lipm	6.17E-05	4.3753
1450142_a_at	EPS8-like 1	Card14	0.0001246	4.37716
1431821_a_at	OTU domain, ubiquitin aldehyde binding 2	Eps8l1	1.49E-05	4.38652
1417576_a_at	glycine decarboxylase	Otub2	1.98E-05	4.40933
1416049_at	Transcribed locus	Gldc	7.13E-05	4.41319
1443437_at	amphiregulin	---	0.0007725	4.42141
1421134_at	breast carcinoma amplified sequence 1	Areg	0.0002222	4.43392
1428792_at	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin)	Bcas1	1.66E-07	4.44094
1425906_a_at	dual oxidase maturation factor 1	LOC100044162 /// Sema3e	5.19E-06	4.4425
1460372_at	keratin 23	Duoxa1	8.89E-06	4.45888
1418213_at	solute carrier family 6 (neurotransmitter transporter), member 19	Krt23	4.05E-06	4.4667
1428595_at	angiotensin I converting enzyme (peptidyl-dipeptidase A) 2	Slc6a19	6.64E-07	4.46717
1452138_a_at	aldehyde oxidase 4	Ace2	6.23E-06	4.51131
1419215_at	glutathione S-transferase, theta 3	Aox4	7.13E-07	4.52277
1423891_at	kinesin family member 21A	Gstt3	2.45E-08	4.54139
1450738_at	paired-like homeodomain transcription factor 1	Kif21a	1.26E-05	4.55412
1419514_at	NLR family, pyrin domain containing 10	Pitx1	3.68E-05	4.56027

1456211_at	defensin beta 1	Nlrp10	1.14E-06	4.56132
1419492_s_at	glutaredoxin	Defb1	1.97E-06	4.56439
1416592_at	CKLF-like MARVEL transmembrane domain containing 8	Glrx	4.86E-06	4.60083
1427964_at	transmembrane protein 79	Cmtm8	9.35E-06	4.62137
1430483_a_at	orosomucoid 1	Tmem79	2.21E-05	4.6268
1451054_at	endonuclease domain containing 1	Orm1	7.07E-05	4.66426
1426542_at	PHD finger protein 7	Endod1	7.61E-05	4.68654
1440828_x_at	lysozyme G-like 1	Phf7	0.0001738	4.73215
1429334_at	Bcl2-like 15	Lyg1	5.75E-05	4.73318
1452614_at	RIKEN cDNA 2310002J15 gene	Bcl2l15	4.24E-06	4.74501
1450532_at	alcohol dehydrogenase 6B (class V)	2310002J15Rik	2.61E-05	4.80935
1441094_at	retinol dehydrogenase 20	Adh6b	6.25E-06	4.82269
1456074_at	ELMO domain containing 1	Rdh20	2.25E-05	4.83784
1434083_a_at	glycosylphosphatidylinositol specific phospholipase D1	Elmod1	1.99E-06	4.89079
1418050_at	solute carrier family 6 (neurotransmitter transporter), member 19	Gpld1	5.69E-06	4.92889
1455442_at	deoxyribonuclease 1-like 2	Slc6a19	1.46E-07	4.94751
1450936_a_at	sorting nexin 31	Dnase1l2	5.56E-05	4.99945
1453177_at	insulin degrading enzyme	Snx31	2.56E-07	5.01256
1453988_a_at	gap junction protein, beta 6	Ide	2.13E-06	5.04049
1448397_at	RIKEN cDNA 1700047M11 gene	Gjb6	1.00E-05	5.05017
1438044_at	RIKEN cDNA 1200003I10 gene /// RIKEN cDNA 1200015M12 gene /// RIKEN cDNA 1200016	1700047M11Rik	2.65E-05	5.06328
1427932_s_at	interleukin 1 family, member 10	1200003I10Rik /// 1200015M	4.20E-08	5.06593
1451957_at	galactosidase, beta 1-like 2	Il1f10	5.55E-08	5.08201
1433728_at	ring finger protein 39	Glb1l2	1.77E-06	5.08408
1440912_at	predicted gene, OTTMUSG00000015762	Rnf39	8.62E-05	5.12451
1456784_at	endonuclease domain containing 1	OTTMUSG00000015762	3.89E-06	5.13628
1426543_x_at	glutaredoxin	Endod1	4.57E-05	5.14602
1416593_at	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 6	Glrx	6.67E-06	5.18432
1456440_s_at	similar to Chromosome 6 open reading frame 117	St8sia6	2.71E-06	5.24089
1436274_at	X Kell blood group precursor related X linked	LOC244958	0.0001147	5.24121
1454762_at	RIKEN cDNA 2310014L17 gene	Xkrx	4.68E-07	5.27607
1435572_at	NIPA-like domain containing 1	2310014L17Rik	1.04E-07	5.27751
1456321_at	RIKEN cDNA 1200015M12 gene /// RIKEN cDNA 1200016E24 gene /// RIKEN cDNA A13004	Npal1	1.60E-05	5.27805
1435137_s_at	male sterility domain containing 1	1200015M12Rik /// 1200016E	0.0003343	5.28386
1435621_at	myelin protein zero-like 2	Mlst1	1.19E-05	5.28745
1416237_at	solute carrier family 5 (sodium/glucose cotransporter), member 1	Mpzl2	3.48E-05	5.35384
1419057_at	cornifelin	Slc5a1	7.94E-06	5.35625
1429540_at	---	Cnfn	4.39E-06	5.40733
1450470_at	gasdermin A1	---	2.49E-07	5.43791
1423634_at	similar to pol protein /// similar to Ubt1 protein /// similar to cyclic nucleot	Gsdma1	2.64E-06	5.56092
1441150_x_at	angiotensin I converting enzyme (peptidyl-dipeptidase A) 2	LOC100039339 /// LOC10003	3.13E-06	5.56119
1425102_a_at	galactosidase, beta 1-like 2	Ace2	1.21E-06	5.59935
1433727_at	dickkopf-like 1	Glb1l2	6.56E-07	5.60171
1417787_at	paired-like homeodomain transcription factor 1	Dkk1	1.20E-07	5.61993
1449488_at	keratin associated protein 12-1	Pitx1	2.05E-05	5.64196

1450536_s_at	RIKEN cDNA C130073F10 gene	Krtap12-1	1.28E-05	5.7092
1443945_at	Strain C3H/HeN mRNA preferentially expressed in LPS-normoresponsive macrophages	C130073F10Rik	6.42E-05	5.75318
1427740_a_at	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 6	---	2.75E-06	5.78671
1456147_at	acid phosphatase 5, tartrate resistant	St8sia6	1.39E-05	5.83963
1431609_a_at	Transcribed locus	Acp5	2.84E-06	5.8603
1456539_at	RIKEN cDNA 2610528A11 gene	---	4.49E-07	5.91683
1435639_at	dual specificity phosphatase 14	2610528A11Rik	5.98E-07	5.91716
1431422_a_at	dual oxidase 1	Dusp14	4.77E-06	5.92034
1456877_at	glycoprotein Ib, beta polypeptide	Duox1	2.17E-09	5.98385
1422977_at	arachidonate 12-lipoxygenase, 12R type /// similar to arachidonate 12-lipoxygena	Gp1bb	3.58E-06	6.00046
1418266_at	Transcribed locus, weakly similar to XP_001478190.1 PREDICTED: similar to LOC635	Alox12b /// LOC100045755	1.15E-05	6.03314
1429676_at	Ring finger protein 39	---	4.25E-07	6.0345
1441793_at	open reading frame 9	Rnf39	2.86E-06	6.09616
1425122_at	RIKEN cDNA C030019I05 gene	ORF9	6.76E-06	6.1156
1436484_at	ELL associated factor 2	C030019I05Rik	6.35E-05	6.12099
1422120_at	solute carrier family 5 (sodium/glucose cotransporter), member 1	Eaf2	4.75E-06	6.12228
1455431_at	kinesin family member 21A	Slc5a1	0.000244	6.12344
1455029_at	Fc receptor, IgE, high affinity I, alpha polypeptide	Kif21a	6.67E-05	6.16532
1421775_at	RIKEN cDNA 9530066K23 gene	Fcer1a	7.41E-06	6.22421
1441909_s_at	phytanoyl-CoA hydroxylase interacting protein-like	9530066K23Rik	3.92E-05	6.30422
1427023_at	late cornified envelope 1L	Phyhipl	4.77E-06	6.36484
1418855_at	RIKEN cDNA 9930039A11 gene	Lce1l	0.0006446	6.39066
1437407_at	---	9930039A11Rik	9.60E-06	6.39348
1454105_at	ets homologous factor	---	2.31E-06	6.39811
1419475_a_at	pleckstrin homology domain containing, family H (with MyTH4 domain) member 1	Ehf	9.31E-07	6.60481
1447807_s_at	RIKEN cDNA 1200016E24 gene	Plekhh1	3.64E-06	6.60947
1452418_at	transmembrane protease, serine 11f	1200016E24Rik	4.91E-07	6.61767
1441981_at	pleckstrin homology domain containing, family H (with MyTH4 domain) member 1	Tmprss11f	3.51E-06	6.62818
1435053_s_at	endonuclease domain containing 1	Plekhh1	8.57E-06	6.67944
1426540_at	myosin, light polypeptide 7, regulatory	Endod1	5.31E-06	6.68001
1449071_at	NTPase, KAP family P-loop domain containing 1	Myl7	1.01E-06	6.73182
1430087_at	endonuclease domain containing 1	Nkpd1	3.60E-06	6.91089
1426541_a_at	kallikrein related-peptidase 10	Endod1	0.0005666	7.01717
1460236_at	transglutaminase 1, K polypeptide	Klk10	3.83E-06	7.10086
1451416_a_at	glutathione S-transferase, alpha 4	Tgm1	8.24E-08	7.36794
1416368_at	keratin 77	Gsta4	5.83E-07	7.46787
1433923_at	retinoic acid receptor, beta	Krt77	9.13E-07	7.49249
1454906_at	epiregulin	Rarb	3.80E-07	7.53244
1419431_at	sphingosine-1-phosphate phosphotase 2	Ereg	6.45E-06	7.66038
1457867_at	transmembrane protease, serine 11a	Sgpp2	1.01E-05	7.68995
1455848_at	defensin beta 1	Tmprss11a	1.04E-06	7.77527
1419491_at	expressed sequence AA986860	Defb1	3.43E-06	7.85397
1433610_at	cytochrome P450, family 11, subfamily a, polypeptide 1	AA986860	1.99E-05	7.87554
1439947_at	fibroblast growth factor 1	Cyp11a1	3.57E-06	7.91232
1450869_at	isopentenyl-diphosphate delta isomerase 2 /// similar to isopentenyl diphosphate	Fgf1	1.70E-05	8.12033

1440852_at	Transcribed locus	Idi2 /// LOC100039655	1.35E-05	8.24223
1458236_at	E74-like factor 5	---	4.88E-07	8.25195
1419556_at	hydroxysteroid 11-beta dehydrogenase 1	Elf5	8.73E-06	8.26165
1449038_at	kallikrein related-peptidase 12	Hsd11b1	1.95E-07	8.32608
1453495_at	ATPase, Na+/K+ transporting, beta 1 polypeptide	Klk12	8.62E-07	8.46086
1451152_a_at	ATPase, Na+/K+ transporting, beta 1 polypeptide	Atp1b1	1.02E-06	8.56614
1423890_x_at	ATPase, Na+/K+ transporting, beta 1 polypeptide	Atp1b1	3.69E-07	8.58536
1418453_a_at	ets homologous factor	Atp1b1	4.51E-07	8.75651
1451375_at	RIKEN cDNA 4732473B16 gene	Ehf	1.33E-05	8.96811
1433877_at	serine (or cysteine) peptidase inhibitor, clade B (ovalbumin), member 11	4732473B16Rik	3.19E-08	9.11511
1449451_at	arginase 1, liver	Serp1b1	2.03E-06	9.15704
1419549_at	chitinase 3-like 1	Arg1	2.85E-05	9.19929
1451537_at	phospholipase A2, group IVB (cytosolic) /// hypothetical protein LOC433466	Chi31	3.18E-05	9.46444
1456047_at	ets homologous factor	LOC433466 /// Pla2g4b	6.81E-06	9.49252
1419474_a_at	keratin 13	Ehf	6.40E-06	9.50543
1422454_at	guanine nucleotide binding protein (G protein), gamma 4	Krt13	2.53E-05	9.63169
1447669_s_at	stimulated by retinoic acid gene 6	Gng4	2.08E-08	9.74468
1422723_at	glutathione S-transferase, alpha 3	Stra6	4.27E-06	9.80349
1423436_at	interleukin 1 family, member 9	Gsta3	7.10E-07	9.85618
1425958_at	RIKEN cDNA 2310042E22 gene	Il1f9	1.27E-05	10.74
1423494_at	phospholipase A2, group IVE	2310042E22Rik	2.42E-07	11.269
1429862_at	Lipase, family member K	Pla2g4e	8.64E-07	11.4007
1443914_at	Transcribed locus	Lipk	5.35E-06	11.4908
1458519_at	protease, serine 27 /// similar to protease, serine 27	---	1.90E-06	11.5317
1440686_at	male sterility domain containing 1	LOC100048538 /// Prss27	4.80E-07	11.9398
1455889_at	distal-less homeobox 5	Mlstd1	2.96E-08	12.4751
1449863_a_at	V-set and immunoglobulin domain containing 8	Dlx5	2.95E-07	12.4962
1436671_at	interleukin 1 family, member 6	Vsig8	2.69E-06	12.5421
1418609_at	alcohol dehydrogenase 6A (class V)	Il1f6	1.64E-07	12.57
1429608_at	cellular retinoic acid binding protein II	Adh6a	2.99E-06	13.0265
1451191_at	ATPase, Na+/K+ transporting, beta 1 polypeptide	Crabp2	2.52E-06	13.5895
1439036_a_at	guanine nucleotide binding protein (G protein), gamma 4	Atp1b1	1.05E-05	13.6138
1417943_at	RIKEN cDNA 2310007B03 gene	Gng4	3.40E-06	14.6408
1453511_at	glutathione peroxidase 3	2310007B03Rik	2.01E-06	14.669
1449106_at	serine (or cysteine) peptidase inhibitor, clade A, member 1a /// serine (or cyst	Gpx3	4.33E-07	17.1458
1451513_x_at	late cornified envelope 3B	Serpina1a /// Serpina1b	5.16E-07	18.4358
1429641_x_at	serine (or cysteine) peptidase inhibitor, clade A, member 1b	Lce3b	3.53E-06	18.5565
1418282_x_at	small proline-rich protein 1B	Serpina1b	1.25E-05	20.5616
1422672_at	psoriasis susceptibility 1 candidate 2 (human)	Spr1b	1.94E-06	24.9727
1420467_at	bone gamma-carboxyglutamate protein, related sequence 1 /// bone gamma carboxygl	Psors1c2	2.61E-07	25.1416
1449880_s_at	E74-like factor 5	Bglap-rs1 /// Bglap1 /// Bglap2	6.22E-07	36.9459
1419555_at	fetuin beta	Elf5	3.49E-07	55.8813
1449555_a_at	RIKEN cDNA 2300002M23 gene	Fetub	5.71E-07	55.8901
1429496_x_at	late cornified envelope 3C	2300002M23Rik	5.73E-08	87.4688
1419317_x_at	late cornified envelope 3A	Lce3c	2.87E-07	95.7855

1456001_at	RIKEN cDNA 2310057N15 gene	Lce3a	2.21E-07	122.372
1421575_at	late cornified envelope 3F /// hypothetical protein LOC630971	2310057N15Rik	3.20E-08	126.301
1456248_at	RIKEN cDNA 2310034C09 gene	Lce3f /// LOC630971	4.86E-07	260.834
1449986_at	keratin associated protein 13	2310034C09Rik	2.17E-07	344.975
1420358_at		Krtap13	3.25E-07	406.529