

Wild type F1/F10 (villus/crypt)

Probe set	Gene symbol	Gene name	Fold change	p value
1450709_at	Defcr5	defensin related cryptdin 5	0.009	< 1e-07
1429378_x_at	AY761184	cDNA sequence AY761184	0.038	< 1e-07
1418165_at	Itln1	intelectin 1 (galactofuranos e binding)	0.043	1.00E-07
1418550_x_at	Defcr-rs1	defensin related sequence cryptdin peptide (paneth cells)	0.044	< 1e-07
1439426_x_at	Lyz2	lysozyme 2	0.059	< 1e-07
1435945_a_at	Kcnn4	potassium intermediate/sm all conductance calcium- activated channel, subfamily N, member 4	0.061	1.00E-07
1420731_a_at	Csrp2	cysteine and glycine-rich protein 2	0.065	1.20E-06
1416698_a_at	Cks1b	CDC28 protein kinase 1b	0.065	< 1e-07
1452661_at	Tfrc	transferrin receptor	0.066	2.00E-07
1417622_at	Slc12a2	solute carrier family 12, member 2	0.066	3.00E-07
1450682_at	Fabp6	fatty acid binding protein 6, ileal (gastrotropin)	0.067	< 1e-07
1415849_s_at	Stmn1	stathmin 1	0.069	< 1e-07
1418287_a_at	Dmbt1	deleted in malignant brain tumors 1	0.070	3.00E-07
1440922_at	9130208D14Rik	RIKEN cDNA 9130208D14 gene	0.071	1.26E-05
1439377_x_at	Cdc20	cell division cycle 20 homolog (S. cerevisiae)	0.072	7.00E-07

1427126_at	Hspa1b	heat shock protein 1B	0.080	3.00E-07
1450631_x_at	Defcr6	defensin related cryptdin 6	0.081	< 1e-07
1418094_s_at	Car4	carbonic anhydrase 4	0.082	6.00E-07
1416039_x_at	Cyr61	cysteine rich protein 61	0.082	1.00E-07
1436996_x_at	Lyz1	lysozyme 1	0.084	< 1e-07
1451260_at	Aldh1b1	aldehyde dehydrogenase 1 family, member B1	0.090	5.00E-07
1455035_s_at	Nol5a	nucleolar protein 5A	0.093	1.40E-06
1438133_a_at	Cyr61	cysteine rich protein 61	0.096	1.00E-07
1452388_at	Hspa1a	heat shock protein 1A	0.105	2.00E-07
1454694_a_at	Top2a	topoisomerase (DNA) II alpha	0.106	1.00E-07
1427127_x_at	Hspa1b	heat shock protein 1B	0.107	5.00E-07
1426351_at	Hspd1	heat shock protein 1 (chaperonin)	0.108	1.00E-07
1436808_x_at	Mcm5	minichromosome maintenance deficient 5, cell division cycle 46 (S. cerevisiae)	0.108	< 1e-07
1437671_x_at	Prss23	protease, serine, 23	0.111	6.00E-07
1438178_x_at	Atad3a	ATPase family, AAA domain containing 3A	0.111	2.00E-07
1439436_x_at	Incnp	inner centromere protein	0.114	< 1e-07
1423846_x_at	Tuba1b	tubulin, alpha 1B	0.121	< 1e-07
1440832_at	Ang4	angiogenin, ribonuclease A family, member 4	0.122	1.80E-06
1417457_at	Cks2	CDC28 protein kinase regulatory subunit 2	0.123	1.00E-07

1415897_a_at	Mgst1	microsomal glutathione S-transferase 1	0.124	4.00E-07
1455821_x_at	C1qbp	complement component 1, q subcomponent binding protein	0.125	3.00E-07
1454991_at	Slc7a1	solute carrier family 7 (cationic amino acid transporter, y+ system), member 1	0.127	1.00E-07
1436707_x_at	Ncaph	non-SMC condensin I complex, subunit H	0.127	9.00E-07
1453572_a_at	Plp2	proteolipid protein 2	0.128	8.00E-07
1416746_at	H2afx	H2A histone family, member X	0.130	7.30E-06
1433674_a_at	Snord22	small nucleolar RNA, C/D box 22	0.130	< 1e-07
1450668_s_at	Hspe1	heat shock protein 1 (chaperonin 10)	0.130	7.00E-07
1456541_x_at	Atad3a	ATPase family, AAA domain containing 3A	0.131	6.00E-07
1420579_s_at	Cftr	cystic fibrosis transmembrane conductance regulator homolog	0.135	2.20E-06
1425993_a_at	Hsph1	heat shock 105kDa/110kDa protein 1	0.135	1.00E-07
1437716_x_at	Kif22	kinesin family member 22	0.139	3.00E-07
1417822_at	D17H6S56E-5	DNA segment, Chr 17, human D6S56E 5	0.140	4.70E-06
1436847_s_at	Cdca8	cell division cycle associated 8	0.146	2.03E-05

1439399_a_at	Snhg1	small nucleolar RNA host gene (non-protein coding) 1	0.146	1.00E-07
1416453_x_at	Rps12	ribosomal protein S12	0.146	1.20E-06
1452318_a_at	Hspa1b	heat shock protein 1B	0.147	2.00E-07
1457434_s_at	Ptpla	protein tyrosine phosphatase-like (proline instead of catalytic arginine), member a	0.149	2.30E-06
1439740_s_at	Uck2	uridine-cytidine kinase 2	0.152	6.97E-05
1455540_at	Cps1	carbamoyl-phosphate synthetase 1	0.152	1.01E-05
1452614_at	Bcl2l15	BCL2-like 15	0.153	2.00E-07
1438938_x_at	Phb2	prohibitin 2	0.154	2.80E-06
1451077_at	Rpl5	ribosomal protein L5	0.155	1.09E-05
1428106_at	1300001I01Rik	RIKEN cDNA 1300001I01 gene	0.155	2.70E-06
1442710_at	NA	NA	0.155	5.00E-07
1419153_at	2810417H13Rik	RIKEN cDNA 2810417H13 gene	0.156	1.40E-06
1420142_s_at	Pa2g4	proliferation-associated 2G4	0.156	6.80E-06
1455287_at	Cdk6	cyclin-dependent kinase 6	0.158	3.90E-06
1433933_s_at	Slco2b1	solute carrier organic anion transporter family, member 2b1	0.159	2.26E-05
1421424_a_at	Anpep	alanyl (membrane) aminopeptidase	0.159	0.0007021
1416606_s_at	Nola2	nucleolar protein family A, member 2	0.160	1.70E-06

1416345_at	Timm8a1	translocase of inner mitochondrial membrane 8 homolog a1 (yeast)	0.160	2.23E-05
1455897_x_at	Hmgn1	high mobility group nucleosomal binding domain 1	0.161	2.00E-07
1448595_a_at	Bex1	brain expressed gene 1	0.161	3.70E-05
1437610_x_at	OTTMUSG00000016200	predicted gene, OTTMUSG00000016200	0.162	4.00E-07
1437313_x_at	Hmgb2	high mobility group box 2	0.162	2.00E-07
1425952_a_at	Gcg	glucagon	0.164	1.09E-05
1426741_a_at	Fastkd2	FAST kinase domains 2	0.164	5.00E-07
1448780_at	Slc12a2	solute carrier family 12, member 2	0.166	9.98E-05
1448274_at	C1qbp	complement component 1, q subcomponent binding protein	0.166	5.60E-06
1455319_x_at	OTTMUSG00000022847	predicted gene, OTTMUSG00000022847	0.167	1.40E-06
1417458_s_at	Cks2	CDC28 protein kinase regulatory subunit 2	0.168	7.00E-07
1422460_at	Mad2l1	MAD2 (mitotic arrest deficient, homolog)-like 1 (yeast)	0.169	1.59E-05
1450435_at	L1cam	L1 cell adhesion molecule	0.169	1.40E-06
1433928_a_at	Rpl13a	ribosomal protein L13a	0.170	5.00E-07
1455900_x_at	Tgm2	transglutaminase 2, C polypeptide	0.171	2.00E-06

1417346_at	Pycard	PYD and CARD domain containing	0.171	6.10E-06
1439374_x_at	Rps10	ribosomal protein S10	0.173	8.63E-05
1416364_at	Hsp90ab1	heat shock protein 90kDa alpha (cytosolic), class B member 1	0.174	1.80E-06
1436494_x_at	Trmt1	TRM1 tRNA methyltransferase 1 homolog (S. cerevisiae)	0.174	3.50E-06
1416452_at	Oat	ornithine aminotransferase	0.174	1.41E-05
1417460_at	Ifitm2	interferon induced transmembrane protein 2	0.174	2.36E-05
1416807_at	Rpl36a	ribosomal protein L36a	0.175	4.30E-06
1459987_s_at	Cct3	chaperonin containing Tcp1, subunit 3 (gamma)	0.175	1.30E-06
1438961_s_at	Blmh	bleomycin hydrolase	0.176	9.00E-07
1419513_a_at	Ect2	ect2 oncogene	0.176	1.44E-05
1448252_a_at	Eef1b2	eukaryotic translation elongation factor 1 beta 2	0.178	5.00E-07
1433675_at	Snord22	small nucleolar RNA, C/D box 22	0.178	1.40E-06
1443649_at	NA	NA	0.179	9.90E-06
1438986_x_at	Rps17	ribosomal protein S17	0.179	1.10E-06
1417948_s_at	Ilf2	interleukin enhancer binding factor 2	0.179	2.14E-05
1438320_s_at	Mcm7	minichromosome maintenance deficient 7 (S. cerevisiae)	0.179	1.40E-06

1448484_at	Amd1	S-adenosylmethionine decarboxylase 1	0.179	3.00E-07
1436836_x_at	LOC100047856	similar to calponin 3, acidic	0.180	1.10E-06
1416802_a_at	Cdca5	cell division cycle associated 5	0.181	5.64E-05
1455950_x_at	Rpl35	ribosomal protein L35	0.184	4.00E-07
1434678_at	Mbnl3	muscleblind-like 3 (Drosophila)	0.184	3.20E-06
1415851_a_at	Impdh2	inosine 5-phosphate dehydrogenase 2	0.186	1.70E-06
1434280_at	NA	NA	0.186	7.00E-07
1422489_at	Gcs1	glucosidase 1	0.186	8.70E-06
1416603_at	Rpl22	ribosomal protein L22	0.187	1.20E-06
1436506_a_at	Snhg6	small nucleolar RNA host gene (non-protein coding) 6	0.188	1.30E-06
1416893_at	3110001A13Rik	RIKEN cDNA 3110001A13 gene	0.188	0.0001044
1438649_x_at	Pebp1	phosphatidylethanolamine binding protein 1	0.188	1.30E-06
1434231_x_at	Rpl35	ribosomal protein L35	0.189	8.00E-07
1437510_x_at	Rps17	ribosomal protein S17	0.190	1.30E-06
1428506_at	Atic	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase	0.191	9.60E-06
1424615_at	Frag1	FGF receptor activating protein 1	0.191	4.30E-06

1456315_a_at	Ptpla	protein tyrosine phosphatase-like (proline instead of catalytic arginine), member a	0.192	0.0001153
1438794_x_at	Rps13	ribosomal protein S13	0.192	1.50E-06
1450920_at	Ccnb2	cyclin B2	0.193	2.55E-05
1447046_at	NA	NA	0.194	7.10E-06
1455887_at	Alg8	asparagine-linked glycosylation 8 homolog (yeast, alpha-1,3-glucosyltransferase)	0.194	5.62E-05
1438630_x_at	Mat2a	methionine adenosyltransferase II, alpha	0.194	4.00E-07
1434158_at	Gmds	GDP-mannose 4, 6-dehydratase	0.195	2.80E-06
1457823_at	Cyr61	cysteine rich protein 61	0.196	0.0004907
1435103_x_at	Farsb	phenylalanyl-tRNA synthetase, beta subunit	0.196	3.10E-06
1436840_x_at	Rpl35	ribosomal protein L35	0.196	8.00E-07
1427903_at	Phpt1	phosphohistidine phosphatase 1	0.197	0.0001114
1448245_at	Rpsa	ribosomal protein SA	0.197	1.40E-06
1433510_x_at	100043718	predicted gene, 100043718	0.197	1.70E-06
1455790_at	E2f2	E2F transcription factor 2	0.198	6.30E-06
1423431_a_at	Mybbp1a	MYB binding protein (P160) 1a	0.199	5.40E-06
1447936_at	2410006H16Rik	RIKEN cDNA 2410006H16 gene	0.200	7.00E-07

1415869_a_at	Trim28	tripartite motif-containing 28	0.200	6.90E-06
1452426_x_at	NA	NA	0.200	2.60E-06
1433656_a_at	Gnl3	guanine nucleotide binding protein-like 3 (nucleolar)	0.201	7.00E-07
1428465_at	Tmem147	transmembrane protein 147	0.201	9.93E-05
1426946_at	Ipo5	importin 5	0.202	1.10E-05
1426897_at	Rcc2	regulator of chromosome condensation 2	0.202	0.0001447
1435800_a_at	Csda	cold shock domain protein A	0.202	1.84E-05
1438940_x_at	100040836	predicted gene, 100040836	0.202	5.70E-06
1418901_at	Cebpb	CCAAT/enhancer binding protein (C/EBP), beta	0.203	1.52E-05
1455001_x_at	Rpl13a	ribosomal protein L13a	0.203	1.11E-05
1453377_at	Sh2d4a	SH2 domain containing 4A	0.205	6.60E-06
1441081_a_at	1110038B12Rik	RIKEN cDNA 1110038B12 gene	0.205	9.00E-07
AFFX-TransRecMur/X57349_3_at	Tfrc	transferrin receptor	0.206	8.80E-06
1415852_at	Impdh2	inosine 5-phosphate dehydrogenase 2	0.206	2.40E-06
1434513_at	Atp13a3	ATPase type 13A3	0.207	2.70E-06
1426793_a_at	Rpl14	ribosomal protein L14	0.207	3.90E-06
1447096_at	NA	NA	0.207	4.04E-05
1433428_x_at	Tgm2	transglutaminase 2, C polypeptide	0.207	3.00E-06
1435046_at	NA	NA	0.208	8.40E-06
1436871_at	Sfrs7	splicing factor, arginine/serine-rich 7	0.209	1.20E-06
1417420_at	Ccnd1	cyclin D1	0.209	1.89E-05

1423709_s_at	Farsb	phenylalanyl-tRNA synthetase, beta subunit	0.210	6.90E-06
1456057_x_at	Tmem109	transmembrane protein 109	0.210	1.86E-05
1460671_at	Gpx1	glutathione peroxidase 1	0.211	1.70E-06
1436824_x_at	Rnf26	ring finger protein 26	0.211	2.81E-05
1435122_x_at	Dnmt1	DNA methyltransferase (cytosine-5) 1	0.211	7.70E-06
1434624_x_at	Rps9	ribosomal protein S9	0.211	5.30E-06
1456438_x_at	Rpn1	ribophorin I	0.212	8.10E-06
1424353_at	Lrpprc	leucine-rich PPR-motif containing	0.213	9.70E-06
1433721_x_at	Rps21	ribosomal protein S21	0.213	2.92E-05
1436688_x_at	Rpl14	ribosomal protein L14	0.214	2.30E-06
1448325_at	Myd116	myeloid differentiation primary response gene 116	0.215	0.0001361
1431766_x_at	Rps2	ribosomal protein S2	0.215	1.52E-05
1455604_at	Fzd5	frizzled homolog 5 (Drosophila)	0.216	5.03E-05
1416520_x_at	Rpl36	ribosomal protein L36	0.216	1.40E-06
1434578_x_at	LOC100045999	similar to RAN, member RAS oncogene family	0.216	3.70E-06
1435484_at	Slc5a3	solute carrier family 5 (inositol transporters), member 3	0.217	1.26E-05
1416721_s_at	Sfrs6	splicing factor, arginine/serine-rich 6	0.217	4.50E-06
1452669_at	2810012G03Rik	RIKEN cDNA 2810012G03 gene	0.217	2.50E-06

1417351_a_at	Snrpa1	small nuclear ribonucleoprotein polypeptide A@#\$\$%&	0.217	2.30E-06
1417125_at	Ahcy	S-adenosylhomocysteine hydrolase	0.217	1.76E-05
1426533_at	Nol5a	nucleolar protein 5A	0.218	2.17E-05
1442340_x_at	Cyr61	cysteine rich protein 61	0.218	8.98E-05
1430271_x_at	Josd3	Josephin domain containing 3	0.218	1.55E-05
1452534_a_at	Hmgb2	high mobility group box 2	0.219	7.20E-06
1423566_a_at	Hsph1	heat shock 105kDa/110kDa protein 1	0.219	0.0001088
1454842_a_at	B3galnt2	UDP-GalNAc:betaGlcNAc beta 1,3-galactosaminyltransferase, polypeptide 2	0.219	0.0002845
1448264_a_at	Eif3i	eukaryotic translation initiation factor 3, subunit I	0.219	1.80E-06
1433688_x_at	Rpl14	ribosomal protein L14	0.220	2.70E-06
1416605_at	Nola2	nucleolar protein family A, member 2	0.220	2.63E-05
1438977_x_at	Ran	RAN, member RAS oncogene family	0.220	3.20E-06
1455357_x_at	OTTMUSG0000016825	predicted gene, OTTMUSG0000016825	0.222	6.30E-06
1436046_x_at	Rpl29	ribosomal protein L29	0.222	9.60E-06
1455245_x_at	Rpl13	ribosomal protein L13	0.222	4.60E-06
1438943_x_at	Rpn1	ribophorin I	0.222	1.02E-05
1437008_x_at	Tmem109	transmembrane protein 109	0.222	2.77E-05

1453257_at	Agpat5	1-acylglycerol-3-phosphate O-acyltransferase 5 (lysophosphatidic acid acyltransferase, epsilon)	0.223	3.42E-05
1417364_at	Eef1g	eukaryotic translation elongation factor 1 gamma	0.224	4.40E-06
1434278_at	Mtm1	X-linked myotubular myopathy gene 1	0.224	3.55E-05
1418369_at	Prim1	DNA primase, p49 subunit	0.224	8.20E-06
1437277_x_at	Tgm2	transglutaminase 2, C polypeptide	0.225	3.00E-06
1444952_a_at	Nucks1	nuclear casein kinase and cyclin-dependent kinase substrate 1	0.225	2.30E-06
1438016_at	Dkc1	dyskeratosis congenita 1, dyskerin homolog (human)	0.226	0.0001782
1417762_a_at	Rpl8	ribosomal protein L8	0.226	6.90E-06
1438244_at	Nfib	nuclear factor I/B	0.226	0.0004634
1417735_at	1810030J14Rik	RIKEN cDNA 1810030J14 gene	0.226	0.000274
1418503_at	Hspa9	heat shock protein 9	0.226	6.50E-06
1423298_at	Add3	adducin 3 (gamma)	0.226	9.50E-06
1451791_at	Tfpi	tissue factor pathway inhibitor	0.227	0.000118
1448635_at	Smc2	structural maintenance of chromosomes 2	0.227	0.0001048

1456865_x_at	Rrs1	RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)	0.227	1.60E-06
1423740_a_at	Rbm10	RNA binding motif protein 10	0.227	4.00E-06
1429058_at	Tmem107	transmembrane protein 107	0.228	0.0011658
1415771_at	Ncl	nucleolin	0.228	4.30E-06
1454620_x_at	LOC100043734	similar to ribosomal protein S6	0.229	2.10E-06
1454636_at	Cbx5	chromobox homolog 5 (Drosophila HP1a)	0.229	1.22E-05
1455577_at	Ccl28	chemokine (C-C motif) ligand 28	0.230	8.80E-06
1439257_x_at	Rpn1	ribophorin I	0.230	8.00E-06
1448872_at	Reg3g	regenerating islet-derived 3 gamma	0.230	4.40E-06
1436930_x_at	Hmbs	hydroxymethylbilane synthase	0.231	3.10E-06
1436699_x_at	LOC100048449	similar to ribosomal protein L18	0.232	2.50E-06
1439678_at	NA	NA	0.232	2.71E-05
1439012_a_at	Dck	deoxycytidine kinase	0.232	7.75E-05
1456628_x_at	Rps24	ribosomal protein S24	0.233	8.30E-06
1449161_at	Edn2	endothelin 2	0.233	2.60E-06
1415879_a_at	Rplp2	ribosomal protein, large P2	0.234	7.90E-06
1427797_s_at	NA	NA	0.235	0.0001448
1415839_a_at	Npm1	nucleophosmin 1	0.235	1.02E-05
1417541_at	Hells	helicase, lymphoid specific	0.236	1.59E-05
1438507_x_at	Rpl14	ribosomal protein L14	0.236	6.90E-06
1452787_a_at	Prmt1	protein arginine N-methyltransferase 1	0.236	2.55E-05

1449323_a_at	Rpl3	ribosomal protein L3	0.236	3.90E-06
1415822_at	Scd2	stearoyl-Coenzyme A desaturase 2	0.237	3.22E-05
1438434_at	Arhgap11a	Rho GTPase activating protein 11A	0.237	2.26E-05
1452597_at	2310061C15Rik	RIKEN cDNA 2310061C15 gene	0.238	2.55E-05
1427369_at	Nlrp6	NLR family, pyrin domain containing 6	0.239	1.23E-05
1418566_s_at	Nudcd2	NudC domain containing 2	0.239	5.59E-05
1454856_x_at	100038991	predicted gene, 100038991	0.239	6.90E-06
1424048_a_at	Cyb5r1	cytochrome b5 reductase 1	0.240	8.90E-06
1419964_s_at	Hdgf	hepatoma-derived growth factor	0.240	3.36E-05
1418715_at	Pank1	pantothenate kinase 1	0.240	5.50E-06
1422844_a_at	Wdr77	WD repeat domain 77	0.240	0.0005148
1449410_a_at	Gas5	growth arrest specific 5	0.241	4.80E-06
1455767_x_at	Rpl21	ribosomal protein L21	0.241	6.90E-06
1448353_x_at	Rpn1	ribophorin I	0.241	2.37E-05
1416519_at	Rpl36	ribosomal protein L36	0.242	1.01E-05
1420965_a_at	Enc1	ectodermal-neural cortex 1	0.243	3.10E-06
1423735_a_at	Wdr36	WD repeat domain 36	0.243	0.0003044
1455814_x_at	Ddx39	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39	0.243	4.50E-06
1418334_at	Dbf4	DBF4 homolog (S. cerevisiae)	0.243	6.89E-05
1419270_a_at	Dut	deoxyuridine triphosphatase	0.243	7.35E-05
1443104_at	NA	NA	0.243	7.14E-05
1448947_at	2810004N23Rik	RIKEN cDNA 2810004N23 gene	0.244	3.30E-06
1438626_x_at	Rpl14	ribosomal protein L14	0.245	1.02E-05

1426749_at	Prmt3	protein arginine N-methyltransferase 3	0.245	6.40E-06
1427214_at	Agmat	agmatine ureohydrolase (agmatinase)	0.245	0.0001915
1416998_at	Rrs1	RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)	0.245	7.72E-05
1421819_a_at	Set	SET translocation	0.246	1.01E-05
1433569_x_at	LOC100045999	similar to RAN, member RAS oncogene family	0.246	4.10E-06
1427683_at	Egr2	early growth response 2	0.246	0.0001026
1456531_x_at	Prpf19	PRP19/PSO4 pre-mRNA processing factor 19 homolog (S. cerevisiae)	0.246	4.30E-06
1435712_a_at	LOC100042388	similar to ribosomal protein S18	0.247	1.32E-05
1455713_x_at	Phb2	prohibitin 2	0.247	1.55E-05
1456194_a_at	Park7	Parkinson disease (autosomal recessive, early onset) 7	0.248	9.30E-06
1437405_a_at	Igfbp4	insulin-like growth factor binding protein 4	0.248	0.0001467
1424076_at	Gdpd1	glycerophosphodiester phosphodiesterase domain containing 1	0.248	1.80E-05
1421817_at	Gsr	glutathione reductase	0.248	7.90E-06
1455168_a_at	Gnb2l1	guanine nucleotide binding protein (G protein), beta polypeptide 2 like 1	0.248	2.42E-05

1438852_x_at	Mcm6	minichromosome maintenance deficient 6 (MIS5 homolog, S. pombe) (S. cerevisiae)	0.249	6.10E-06
1428976_at	Tmpo	thymopoietin	0.249	6.36E-05
1455662_x_at	Rps17	ribosomal protein S17	0.250	1.45E-05
1435534_a_at	OTTMUSG0000016825	predicted gene, OTTMUSG0000016825	0.250	3.40E-06
1449243_a_at	Rps19	ribosomal protein S19	0.250	3.95E-05
1449648_s_at	Rpo1-1	RNA polymerase 1-1	0.250	7.10E-06
1434358_x_at	Rps21	ribosomal protein S21	0.251	2.14E-05
1424854_at	Hist1h4i	histone cluster 1, H4i	0.251	1.74E-05
1447585_s_at	Slc5a3	solute carrier family 5 (inositol transporters), member 3	0.252	9.60E-06
1424321_at	Rfc4	replication factor C (activator 1) 4	0.252	0.0001212
1423969_at	Nup37	nucleoporin 37	0.252	1.21E-05
1455572_x_at	LOC100042388	similar to ribosomal protein S18	0.254	5.20E-06
1434232_a_at	2610030H06Rik	RIKEN cDNA 2610030H06 gene	0.254	8.02E-05
1416526_a_at	Park7	Parkinson disease (autosomal recessive, early onset) 7	0.254	1.95E-05
1417057_a_at	Ppid	peptidylprolyl isomerase D (cyclophilin D)	0.254	1.57E-05
1445684_s_at	Hdac2	histone deacetylase 2	0.254	1.11E-05
1433444_at	LOC100040592	similar to Hmgcs1 protein	0.254	5.80E-06
1459986_a_at	Rps17	ribosomal protein S17	0.255	2.15E-05

1427680_a_at	Nfib	nuclear factor I/B	0.256	5.22E-05
1417629_at	Prodh	proline dehydrogenase	0.256	4.52E-05
1433519_at	Nucks1	nuclear casein kinase and cyclin-dependent kinase substrate 1	0.256	3.69E-05
1438951_x_at	Nup54	nucleoporin 54	0.256	9.90E-06
1416142_at	Rps6	ribosomal protein S6	0.257	5.32E-05
1417511_at	Lyar	Ly1 antibody reactive clone	0.257	1.41E-05
1419291_x_at	Gas5	growth arrest specific 5	0.258	7.60E-06
1418896_a_at	Rpn2	ribophorin II	0.258	4.87E-05
1430288_x_at	Rps21	ribosomal protein S21	0.258	5.65E-05
1424883_s_at	Sfrs7	splicing factor, arginine/serine-rich 7	0.258	5.60E-06
1433549_x_at	Rps21	ribosomal protein S21	0.258	4.99E-05
1415889_a_at	Hsp90b1	heat shock protein 90, beta (Grp94), member 1	0.258	9.80E-06
1451144_at	Bxdc2	brix domain containing 2	0.258	2.18E-05
1422524_at	Abcb6	ATP-binding cassette, sub-family B (MDR/TAP), member 6	0.258	8.80E-06
1416064_a_at	Hspa5	heat shock protein 5	0.259	4.50E-06
1438096_a_at	Dtymk	deoxythymidylate kinase	0.260	2.51E-05
1436040_at	LOC100039864	hypothetical protein LOC100039864	0.260	1.42E-05
1431214_at	LOC67527	murine leukemia retrovirus	0.260	0.000449
1460581_a_at	Rpl13	ribosomal protein L13	0.261	8.40E-06

1417353_x_at	Snrpa1	small nuclear ribonucleoprotein polypeptide A@#\$\$%&	0.261	6.90E-06
1434854_a_at	Rps10	ribosomal protein S10	0.261	1.86E-05
1415943_at	Sdc1	syndecan 1	0.261	1.26E-05
1424204_at	Mrpl13	mitochondrial ribosomal protein L13	0.262	3.77E-05
1436689_a_at	Aldh9a1	aldehyde dehydrogenase 9, subfamily A1	0.262	1.07E-05
1451230_a_at	Wbp5	WW domain binding protein 5	0.263	2.55E-05
1417926_at	Ncapg2	non-SMC condensin II complex, subunit G2	0.263	0.0001357
1415773_at	Ncl	nucleolin	0.265	1.04E-05
1432164_a_at	Gcsh	glycine cleavage system protein H (aminomethyl carrier)	0.265	2.15E-05
1450048_a_at	Idh2	isocitrate dehydrogenase 2 (NADP+), mitochondrial	0.265	4.00E-05
1423667_at	Mat2a	methionine adenosyltransferase II, alpha	0.265	1.22E-05
1460259_s_at	Clca2	chloride channel calcium activated 2	0.265	1.08E-05
1422441_x_at	Cdk4	cyclin-dependent kinase 4	0.266	0.0005093
1433576_at	Mat2a	methionine adenosyltransferase II, alpha	0.266	4.54E-05
1435227_at	Bcl11b	B-cell leukemia/lymphoma 11B	0.266	8.00E-06

1433640_at	Fubp1	far upstream element (FUSE) binding protein 1	0.266	0.0003193
1423804_a_at	Idi1	isopentenyl-diphosphate delta isomerase	0.266	1.04E-05
1428182_at	Prpsap1	phosphoribosyl pyrophosphate synthetase-associated protein 1	0.266	1.46E-05
1448526_at	Kpnb1	karyopherin (importin) beta 1	0.266	4.35E-05
1448178_a_at	Cct3	chaperonin containing Tcp1, subunit 3 (gamma)	0.267	1.38E-05
1451649_a_at	Wdr75	WD repeat domain 75	0.267	1.63E-05
1417399_at	Gas6	growth arrest specific 6	0.267	0.0001298
1420592_a_at	Anp32e	acidic (leucine-rich) nuclear phosphoprotein 32 family, member E	0.268	8.70E-06
1417936_at	Ccl9	chemokine (C-C motif) ligand 9	0.268	0.0001721
1455740_at	Hnrnpa1	heterogeneous nuclear ribonucleoprotein A1	0.268	0.0006866
1416685_s_at	Fbl	fibrillarlin	0.268	0.000121
1456374_x_at	Eif3c	eukaryotic translation initiation factor 3, subunit C	0.269	6.10E-06
1439270_x_at	LOC100045999	similar to RAN, member RAS oncogene family	0.269	7.20E-06
1451122_at	Idi1	isopentenyl-diphosphate delta isomerase	0.270	1.02E-05

1415945_at	Mcm5	minichromosome maintenance deficient 5, cell division cycle 46 (S. cerevisiae)	0.270	0.0002643
1448921_a_at	Mrps9	mitochondrial ribosomal protein S9	0.270	1.06E-05
1416184_s_at	Hmga1	high mobility group AT-hook 1	0.271	0.0001285
1417028_a_at	Trim2	tripartite motif-containing 2	0.271	0.0006391
1437976_x_at	Rpl23a	ribosomal protein L23a	0.271	8.10E-06
1437851_x_at	Rnps1	ribonucleic acid binding protein S1	0.272	1.16E-05
1448217_a_at	Rpl27	ribosomal protein L27	0.272	1.13E-05
1452154_at	Iars	isoleucine-tRNA synthetase	0.272	0.0003929
1415692_s_at	Canx	calnexin	0.274	5.28E-05
1449930_a_at	Ssr2	signal sequence receptor, beta	0.274	0.0002962
1449196_a_at	Rps27a	ribosomal protein S27a	0.275	9.50E-06
1418982_at	Cebpa	CCAAT/enhancer binding protein (C/EBP), alpha	0.275	0.0002607
1434543_a_at	Bola2	bolA-like 2 (E. coli)	0.275	1.05E-05
1438776_x_at	100040123	predicted gene, 100040123	0.276	3.89E-05
1454627_a_at	ENSMUSG0000074516	predicted gene, ENSMUSG0000074516	0.276	1.12E-05
1451405_at	Pcca	propionyl-Coenzyme A carboxylase, alpha polypeptide	0.276	9.70E-06
1448358_s_at	Snrpg	small nuclear ribonucleoprotein polypeptide G	0.276	3.11E-05

1416701_at	Rnd3	Rho family GTPase 3	0.276	1.42E-05
1455084_x_at	Shmt2	serine hydroxymethyltransferase 2 (mitochondrial)	0.277	5.51E-05
1438168_x_at	Ddx39	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39	0.277	1.40E-05
1439422_a_at	C1qdc2	C1q domain containing 2	0.277	8.40E-06
1448221_at	Bat1a	HLA-B-associated transcript 1A	0.277	6.18E-05
1417065_at	Egr1	early growth response 1	0.277	2.34E-05
1416470_a_at	Rpn1	ribophorin I	0.277	6.19E-05
1416015_s_at	Abce1	ATP-binding cassette, sub-family E (OABP), member 1	0.277	1.45E-05
1448224_at	Tfam	transcription factor A, mitochondrial	0.278	2.80E-05
1416203_at	Aqp1	aquaporin 1	0.278	0.0003559
1451170_s_at	Nomo1	nodal modulator 1	0.278	5.25E-05
1433960_at	Isg20l2	interferon stimulated exonuclease gene 20-like 2	0.279	0.000148
1428744_s_at	Bri3bp	Bri3 binding protein	0.279	0.0016658
1436549_a_at	Hnrnpa1	heterogeneous nuclear ribonucleoprotein A1	0.280	1.22E-05
1418365_at	Ctsh	cathepsin H	0.280	2.81E-05
1415802_at	Slc16a1	solute carrier family 16 (monocarboxylic acid transporters), member 1	0.280	0.0002839
1416088_a_at	Rps15	ribosomal protein S15	0.281	4.96E-05

1438902_a_at	Hsp90aa1	heat shock protein 90, alpha (cytosolic), class A member 1	0.281	2.28E-05
1452210_at	Dna2	DNA replication helicase 2 homolog (yeast)	0.281	6.04E-05
1456497_x_at	Rps10	ribosomal protein S10	0.281	2.40E-05
1439439_x_at	Eef1d	eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein)	0.281	1.77E-05
1436979_x_at	Rbm14	RNA binding motif protein 14	0.281	9.11E-05
1427464_s_at	Hspa5	heat shock protein 5	0.282	1.45E-05
1422814_at	Aspm	asp (abnormal spindle)-like, microcephaly associated (Drosophila)	0.282	8.14E-05
1427439_s_at	Prmt5	protein arginine N-methyltransferase 5	0.282	0.0001502
1416135_at	Apex1	apurinic/apyrimidinic endonuclease 1	0.283	5.41E-05
1418152_at	Nsbp1	nucleosome binding protein 1	0.284	5.65E-05
1427798_x_at	NA	NA	0.284	0.0017978
1419441_at	Rplp0	ribosomal protein, large, P0	0.284	3.37E-05
1418504_at	Hspa9	heat shock protein 9	0.284	6.62E-05
1455800_x_at	Samm50	sorting and assembly machinery component 50 homolog (S. cerevisiae)	0.284	1.96E-05

1451294_s_at	Snrpe	small nuclear ribonucleoprotein E	0.285	3.16E-05
1426661_at	Rpl27a	ribosomal protein L27a	0.285	4.51E-05
1426573_at	Me2	malic enzyme 2, NAD(+)-dependent, mitochondrial	0.285	2.36E-05
1455951_at	Mars	methionine-tRNA synthetase	0.286	4.12E-05
1433535_x_at	Cct2	chaperonin containing Tcp1, subunit 2 (beta)	0.287	1.26E-05
1417985_at	Nrarp	Notch-regulated ankyrin repeat protein	0.288	2.40E-05
1452130_at	LOC100048541	similar to thioredoxin-related transmembrane protein 2	0.288	0.0003586
1424797_a_at	Pitx2	paired-like homeodomain transcription factor 2	0.289	9.43E-05
1436174_at	Atad2	ATPase family, AAA domain containing 2	0.289	3.63E-05
1423074_at	Lman2	lectin, mannose-binding 2	0.289	6.39E-05
1438391_x_at	Hsd17b10	hydroxysteroid (17-beta) dehydrogenase 10	0.289	6.82E-05
1456436_x_at	Rps20	ribosomal protein S20	0.290	1.41E-05
1437193_s_at	Snrpb	small nuclear ribonucleoprotein B	0.290	0.0001827
1415785_a_at	Cct8	chaperonin containing Tcp1, subunit 8 (theta)	0.290	2.20E-05
1419736_a_at	Eif1ay	eukaryotic translation initiation factor 1A, Y-linked	0.291	3.09E-05

1455102_at	Larp4	La ribonucleoprotein domain family, member 4	0.291	0.0001703
1415761_at	Mrpl52	mitochondrial ribosomal protein L52	0.291	0.0001016
1442350_at	NA	NA	0.292	0.0005209
1456393_at	Pdcd4	programmed cell death 4	0.292	1.86E-05
1451065_a_at	Ddx39	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39	0.292	1.62E-05
1420525_a_at	Otc	ornithine transcarbamylase	0.292	4.27E-05
1448619_at	Dhcr7	7-dehydrocholesterol reductase	0.292	0.0001757
1448846_a_at	Rpl29	ribosomal protein L29	0.292	5.63E-05
1416202_at	Phb2	prohibitin 2	0.293	0.0001831
1425142_a_at	Hnrnpd	heterogeneous nuclear ribonucleoprotein D	0.293	5.58E-05
1452866_at	Nars	asparaginyl-tRNA synthetase	0.293	2.25E-05
1422495_a_at	Hmgn1	high mobility group nucleosomal binding domain 1	0.293	3.75E-05
1435753_a_at	Nucks1	nuclear casein kinase and cyclin-dependent kinase substrate 1	0.293	0.0002627
1417156_at	Krt19	keratin 19	0.296	8.39E-05
1417258_at	Cct5	chaperonin containing Tcp1, subunit 5 (epsilon)	0.296	3.73E-05
1433575_at	Sox4	SRY-box containing gene 4	0.296	5.15E-05
1454866_s_at	Clic6	chloride intracellular channel 6	0.296	0.0003541

1448882_at	Tmem93	transmembrane protein 93	0.296	2.83E-05
1457068_at	Naalad1	N-acetylated alpha-linked acidic dipeptidase-like 1	0.296	0.0007253
1416151_at	Sfrs3	splicing factor, arginine/serine-rich 3 (SRp20)	0.297	0.0014314
1448563_at	Phb	prohibitin	0.297	0.0002247
1457257_x_at	NA	NA	0.298	0.0011297
1455305_x_at	Hnrnpa1	heterogeneous nuclear ribonucleoprotein A1	0.298	3.98E-05
1435151_a_at	Rps3	ribosomal protein S3	0.298	2.09E-05
1449628_s_at	Stard7	START domain containing 7	0.299	2.43E-05
1456735_x_at	Acpl2	acid phosphatase-like 2	0.299	1.65E-05
1434109_at	Sh3bgrl2	SH3 domain binding glutamic acid-rich protein like 2	0.299	2.78E-05
1442824_at	8030497I03Rik	RIKEN cDNA 8030497I03 gene	0.300	0.0001113
1436759_x_at	LOC100047856	similar to calponin 3, acidic	0.300	0.0002141
1447053_x_at	Ssr3	signal sequence receptor, gamma	0.300	5.25E-05
1425815_a_at	Hmmr	hyaluronan mediated motility receptor (RHAMM)	0.301	0.0006331
1446692_at	NA	NA	0.301	0.0001875
1455496_at	Pfas	phosphoribosylformylglycinamide synthase (FGAR amidotransferase)	0.301	0.0006329

1437005_a_at	Rpl18	ribosomal protein L18	0.301	2.78E-05
1456032_x_at	H2afz	H2A histone family, member Z	0.301	2.09E-05
1448357_at	Snrpg	small nuclear ribonucleoprotein polypeptide G	0.301	6.79E-05
1419499_at	Gpam	glycerol-3-phosphate acyltransferase, mitochondrial	0.302	0.0001591
1437246_x_at	Rps6	ribosomal protein S6	0.303	4.59E-05
1438800_at	Nagk	N-acetylglucosamine kinase	0.304	0.0004347
1455855_x_at	Agxt2l2	alanine-glyoxylate aminotransferase 2-like 2	0.304	1.77E-05
1439428_x_at	Gmms	GDP-mannose 4, 6-dehydratase	0.304	0.0002513
1439057_x_at	Zdhhc6	zinc finger, DHHC domain containing 6	0.304	5.96E-05
1415855_at	Kitl	kit ligand	0.304	0.0002272
1434866_x_at	Cpt1a	carnitine palmitoyltransferase 1a, liver	0.304	0.0001691
1436222_at	Gas5	growth arrest specific 5	0.304	0.0001484
1449194_at	Mrps25	mitochondrial ribosomal protein S25	0.304	3.21E-05
1434021_at	C230096C10Rik	RIKEN cDNA C230096C10 gene	0.305	0.0002507
1435524_at	NA	NA	0.305	6.29E-05
1460701_a_at	Mrpl52	mitochondrial ribosomal protein L52	0.305	2.65E-05
1447905_x_at	Nup62	nucleoporin 62	0.306	0.0001668
1426853_at	Set	SET translocation	0.306	3.53E-05
1423233_at	Cebpd	CCAAT/enhancer binding protein (C/EBP), delta	0.306	5.83E-05

1422449_s_at	Rcn2	reticulocalbin 2	0.306	5.88E-05
1415772_at	Ncl	nucleolin	0.306	0.0001785
1431765_a_at	Rps2	ribosomal protein S2	0.306	7.04E-05
1416319_at	Adk	adenosine kinase	0.306	0.0003742
1434367_s_at	ENSMUSG0000071497	predicted gene, ENSMUSG0000071497	0.306	4.98E-05
1416290_a_at	Psmc4	proteasome (prosome, macropain) 26S subunit, ATPase, 4	0.307	0.0001065
1452241_at	Topbp1	topoisomerase (DNA) II binding protein 1	0.307	6.62E-05
1458296_at	NA	NA	0.307	4.72E-05
1422134_at	Fosb	FBJ osteosarcoma oncogene B	0.307	0.0007934
1426713_s_at	Eprs	glutamyl-prolyl-tRNA synthetase	0.308	6.37E-05
1416106_at	Kti12	KT112 homolog, chromatin associated (S. cerevisiae)	0.308	0.0001814
1427997_at	1110007M04Rik	RIKEN cDNA 1110007M04 gene	0.308	0.0003233
1416700_at	Rnd3	Rho family GTPase 3	0.308	0.0002306
1433432_x_at	Rps12	ribosomal protein S12	0.308	6.42E-05
1426705_s_at	lars	isoleucine-tRNA synthetase	0.308	6.08E-05
1455956_x_at	Ccnd2	cyclin D2	0.309	3.03E-05
1417665_a_at	Cpsf1	cleavage and polyadenylation specific factor 1	0.309	5.00E-05
1427539_a_at	Zwint	ZW10 interactor	0.309	4.18E-05

1426482_at	Prkrir	protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, repressor of (P58 repressor)	0.309	3.43E-05
1434354_at	Maob	monoamine oxidase B	0.309	4.87E-05
1449080_at	Hdac2	histone deacetylase 2	0.309	0.0001343
1435277_x_at	Nme1	non-metastatic cells 1, protein (NM23A) expressed in	0.309	0.0001237
1418656_at	Lsm5	LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae)	0.310	0.0003058
1438009_at	Hist1h2ae	histone cluster 1, H2ae	0.310	0.0021792
1428684_at	1500001M20Rik	RIKEN cDNA 1500001M20 gene	0.310	6.87E-05
1437163_x_at	Gtf2h4	general transcription factor II H, polypeptide 4	0.310	6.46E-05
1456169_at	EG226654	predicted gene, EG226654	0.310	4.70E-05
1416925_at	Kpnb1	karyopherin (importin) beta 1	0.310	3.21E-05
1452877_at	2700029M09Rik	RIKEN cDNA 2700029M09 gene	0.310	0.0004062
1420139_s_at	Krr1	KRR1, small subunit (SSU) processome component, homolog (yeast)	0.311	2.39E-05
1416915_at	Msh6	mutS homolog 6 (E. coli)	0.311	5.05E-05

1455348_x_at	Rpl29	ribosomal protein L29	0.312	4.54E-05
1433891_at	Lgr4	leucine-rich repeat-containing G protein-coupled receptor 4	0.312	0.0003548
1431521_at	5033428B15Rik	RIKEN cDNA 5033428B15 gene	0.312	0.0021471
1426660_x_at	Rpl23a	ribosomal protein L23a	0.312	3.69E-05
1415762_x_at	Mrpl52	mitochondrial ribosomal protein L52	0.312	0.0001895
1416233_at	Eif3i	eukaryotic translation initiation factor 3, subunit I	0.312	3.09E-05
1451052_at	Pdf	peptide deformylase (mitochondrial)	0.312	8.39E-05
1416089_at	Rps15	ribosomal protein S15	0.312	0.0001366
1415947_at	Creg1	cellular repressor of E1A-stimulated genes 1	0.312	0.0002264
1460354_a_at	Mrpl13	mitochondrial ribosomal protein L13	0.313	7.85E-05
1416150_a_at	Sfrs3	splicing factor, arginine/serine-rich 3 (SRp20)	0.313	2.28E-05
1435338_at	Cdk6	cyclin-dependent kinase 6	0.313	0.0005091
1450405_at	Mrpl19	mitochondrial ribosomal protein L19	0.314	9.52E-05
1417081_a_at	Syngn2	synaptogyrin 2	0.314	0.0002796
1418777_at	Ccl25	chemokine (C-C motif) ligand 25	0.314	0.0002263
1456373_x_at	Rps20	ribosomal protein S20	0.314	3.23E-05

1421144_at	Rpgrip1	retinitis pigmentosa GTPase regulator interacting protein 1	0.314	5.37E-05
1452239_at	Gt(ROSA)26Sor	gene trap ROSA26, Philippe Soriano	0.314	0.0001061
1433789_at	Snhg3	small nucleolar RNA host gene (non-protein coding) 3	0.314	3.01E-05
1416335_at	Mif	macrophage migration inhibitory factor	0.314	0.0006703
1449000_at	D10Jhu81e	DNA segment, Chr 10, Johns Hopkins University 81 expressed	0.315	0.0001052
1448253_at	Glud1	glutamate dehydrogenase 1	0.315	4.58E-05
1436816_at	Nup133	nucleoporin 133	0.316	0.0003608
1428531_at	Ints7	integrator complex subunit 7	0.316	3.54E-05
1417317_s_at	Rpl35a	ribosomal protein L35a	0.316	3.50E-05
1418640_at	Sirt1	sirtuin 1 (silent mating type information regulation 2, homolog) 1 (S. cerevisiae)	0.316	7.61E-05
1426155_a_at	Osr2	odd-skipped related 2 (Drosophila)	0.316	0.0010919
1431213_a_at	LOC67527	murine leukemia retrovirus	0.316	0.0002499
1421081_a_at	Banf1	barrier to autointegration factor 1	0.316	0.0006559
1459747_at	NA	NA	0.317	0.0024247
1455908_a_at	Scpep1	serine carboxypeptidase 1	0.317	6.66E-05

1420984_at	Pctp	phosphatidylcholine transfer protein	0.317	0.0007642
1435413_x_at	2700060E02Rik	RIKEN cDNA 2700060E02 gene	0.317	2.62E-05
1428553_at	Glrx5	glutaredoxin 5 homolog (S. cerevisiae)	0.317	0.0002561
1425183_a_at	Rpl4	ribosomal protein L4	0.317	0.0001228
1436508_at	2410014A08Rik	RIKEN cDNA 2410014A08 gene	0.317	0.0003048
1434767_at	C79407	expressed sequence C79407	0.318	0.0005153
1424573_at	Tmed5	transmembrane emp24 protein transport domain containing 5	0.318	7.80E-05
1416074_a_at	Rpl28	ribosomal protein L28	0.318	0.0002603
1436884_x_at	Ewsr1	Ewing sarcoma breakpoint region 1	0.318	3.55E-05
1452635_x_at	Josd3	Josephin domain containing 3	0.318	0.0003609
1455970_at	NA	NA	0.319	3.10E-05
1429467_s_at	Slc26a3	solute carrier family 26, member 3	0.319	4.76E-05
1459497_at	NA	NA	0.319	0.0001754
1415687_a_at	Psap	prosaposin	0.319	8.19E-05
1416362_a_at	Fkbp4	FK506 binding protein 4	0.319	0.0011171
1455227_at	Aadacl1	arylacetamide deacetylase-like 1	0.320	0.000302
1451199_at	Qtrtd1	queuine tRNA-ribosyltransferase domain containing 1	0.320	0.0003258
1420846_at	Mrps2	mitochondrial ribosomal protein S2	0.320	6.75E-05
1433936_at	0610010E21Rik	RIKEN cDNA 0610010E21 gene	0.320	0.0001951

1426163_x_at	Rpl7	ribosomal protein L7	0.320	0.0002302
1422557_s_at	Mt1	metallothionein 1	0.320	0.0001551
1416014_at	Abce1	ATP-binding cassette, sub-family E (OABP), member 1	0.321	9.22E-05
1438631_x_at	Ttc13	tetratricopeptide repeat domain 13	0.321	9.15E-05
1443579_s_at	Depdc6	DEP domain containing 6	0.321	0.0023267
1454778_x_at	Rps28	ribosomal protein S28	0.321	3.89E-05
1428409_at	Nat13	N-acetyltransferase 13	0.321	0.0001853
1420476_a_at	Nap111	nucleosome assembly protein 1-like 1	0.321	0.0003518
1447320_x_at	OTTMUSG00000008305	predicted gene, OTTMUSG00000008305	0.322	5.44E-05
1452414_s_at	Ccdc86	coiled-coil domain containing 86	0.322	6.00E-05
1428483_a_at	2610039C10Rik	RIKEN cDNA 2610039C10 gene	0.322	0.0035425
1449024_a_at	Hexa	hexosaminidase A	0.322	0.0002114
1433567_at	Gmps	guanine monophosphate synthetase	0.323	5.80E-05
1429259_a_at	1190007107Rik	RIKEN cDNA 1190007107 gene	0.323	0.0001156
1418727_at	Nup155	nucleoporin 155	0.323	0.0002575
1432416_a_at	Npm1	nucleophosmin 1	0.324	0.0002343
1437051_at	Dffb	DNA fragmentation factor, beta subunit	0.324	0.000465
1436822_x_at	ENSMUSG00000066475	predicted gene, ENSMUSG00000066475	0.324	6.39E-05

1418564_s_at	Serbp1	Serpine1 mRNA binding protein 1	0.324	3.66E-05
1450854_at	Pa2g4	proliferation-associated 2G4	0.324	0.0024326
1436363_a_at	Nfix	nuclear factor I/X	0.324	0.000105
1435081_at	Sypl	synaptophysin-like protein	0.324	0.0026059
1415820_x_at	Nono	non-POU-domain-containing, octamer binding protein	0.324	4.62E-05
1416486_at	Scye1	small inducible cytokine subfamily E, member 1	0.324	7.83E-05
1417947_at	Pcna	proliferating cell nuclear antigen	0.324	8.22E-05
1423850_at	Nsun2	NOL1/NOP2/Sun domain family member 2	0.325	0.0002989
1416680_at	Ube3a	ubiquitin protein ligase E3A	0.325	0.0001075
1455570_x_at	Cnn3	calponin 3, acidic	0.325	0.0002545
1423441_at	Tfb2m	transcription factor B2, mitochondrial	0.325	0.0001634
1427537_at	Eppk1	epiplakin 1	0.325	7.61E-05
1453096_x_at	Rpl27	ribosomal protein L27	0.326	4.40E-05
1448569_at	2410014A08Rik	RIKEN cDNA 2410014A08 gene	0.326	0.0002032
1423142_a_at	Gtpbp4	GTP binding protein 4	0.326	5.33E-05
1417027_at	Trim2	tripartite motif-containing 2	0.326	0.0001048
1434011_a_at	Ints5	integrator complex subunit 5	0.326	4.57E-05
1426854_a_at	LOC100047898	similar to protein phosphatase 2A inhibitor-2 I-2PP2A	0.327	8.00E-05

1451164_a_at	Mrps18b	mitochondrial ribosomal protein S18B	0.327	0.0012869
1448739_x_at	Rps18	ribosomal protein S18	0.327	0.0001369
1434216_a_at	Nudt19	nudix (nucleoside diphosphate linked moiety X)-type motif 19	0.327	7.33E-05
1437424_at	Syde2	synapse defective 1, Rho GTPase, homolog 2 (C. elegans)	0.327	0.0003812
1451101_a_at	Rps28	ribosomal protein S28	0.328	4.16E-05
1437454_a_at	Txndc14	thioredoxin domain containing 14	0.328	0.0001271
1416757_at	Zwilch	Zwilch, kinetochore associated, homolog (Drosophila)	0.328	0.0063216
1415829_at	Lbr	lamin B receptor	0.329	0.000133
1452681_at	Dtymk	deoxythymidylate kinase	0.330	0.0007232
1416037_a_at	Cct2	chaperonin containing Tcp1, subunit 2 (beta)	0.330	9.63E-05
1435841_s_at	Suclg2	succinate-Coenzyme A ligase, GDP-forming, beta subunit	0.330	0.0001521
1438976_x_at	Mat2a	methionine adenosyltransferase II, alpha	0.330	6.44E-05
1419700_a_at	Prom1	prominin 1	0.330	9.71E-05
1460506_s_at	Ndufc2	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 2	0.330	0.0001317
1424516_at	B230354K17Rik	RIKEN cDNA B230354K17 gene	0.330	0.0001847

1448777_at	Mcm2	minichromosome maintenance deficient 2 mitotin (S. cerevisiae)	0.331	8.83E-05
1415775_at	Rbbp7	retinoblastoma binding protein 7	0.331	0.0001153
1424110_a_at	Nme1	non-metastatic cells 1, protein (NM23A) expressed in	0.331	0.0001783
1452159_at	2310001A20Rik	RIKEN cDNA 2310001A20 gene	0.332	0.0004881
1423701_at	Coasy	Coenzyme A synthase	0.332	9.20E-05
1416068_at	Kars	lysyl-tRNA synthetase	0.332	7.47E-05
1417703_at	Pvrl2	poliovirus receptor-related 2	0.332	0.0003073
1452095_a_at	H47	histocompatibility 47	0.333	0.0002154
1430574_at	Cdkn3	cyclin-dependent kinase inhibitor 3	0.333	6.63E-05
1456037_x_at	Preb	prolactin regulatory element binding	0.333	0.0002658
1417852_x_at	Clca1	chloride channel calcium activated 1	0.334	4.86E-05
1451924_a_at	Edn1	endothelin 1	0.334	0.0006535
1450646_at	Cyp51	cytochrome P450, family 51	0.334	6.31E-05
1437729_at	Rpl27a	ribosomal protein L27a	0.335	0.0001378
1418521_a_at	Mtx1	metaxin 1	0.335	9.46E-05
1428546_at	Syncrip	synaptotagmin binding, cytoplasmic RNA interacting protein	0.336	0.0002875

1426380_at	Eif4b	eukaryotic translation initiation factor 4B	0.336	4.74E-05
1437917_at	D530037H12Rik	RIKEN cDNA D530037H12 gene	0.336	6.55E-05
1423880_at	D10Wsu52e	DNA segment, Chr 10, Wayne State University 52, expressed	0.337	9.69E-05
1437828_s_at	Wdr46	WD repeat domain 46	0.337	0.0001534
1428892_at	Ppil1	peptidylprolyl isomerase (cyclophilin)-like 1	0.337	0.0037674
1424828_a_at	Fh1	fumarate hydratase 1	0.337	0.0001095
1456227_x_at	Rbbp7	retinoblastoma binding protein 7	0.337	6.74E-05
1452680_at	Snrpd2	small nuclear ribonucleoprotein D2	0.337	0.0002462
1417274_at	Snrpa	small nuclear ribonucleoprotein polypeptide A	0.337	6.23E-05
1426342_at	Stt3b	STT3, subunit of the oligosaccharyltransferase complex, homolog B (S. cerevisiae)	0.337	0.000218
1422156_a_at	Rps2	ribosomal protein S2	0.337	0.0001295
1436708_x_at	Mcm4	minichromosome maintenance deficient 4 homolog (S. cerevisiae)	0.337	0.0001384
1423763_x_at	Rps28	ribosomal protein S28	0.338	6.32E-05
1435593_x_at	Rps7	ribosomal protein S7	0.338	7.79E-05
1451470_s_at	Eif5a	eukaryotic translation initiation factor 5A	0.338	0.0001001

1437467_at	Alcam	activated leukocyte cell adhesion molecule	0.338	9.65E-05
1424300_at	Gemin6	gem (nuclear organelle) associated protein 6	0.339	0.0003904
1416336_s_at	Snrpd1	small nuclear ribonucleoprotein D1	0.339	8.08E-05
1427202_at	4833442J19Rik	RIKEN cDNA 4833442J19 gene	0.339	0.0002083
1448585_at	Gtf2h4	general transcription factor II H, polypeptide 4	0.339	0.0001802
1436543_at	Gtpbp10	GTP-binding protein 10 (putative)	0.339	0.0012927
1417082_at	Anp32b	acidic (leucine-rich) nuclear phosphoprotein 32 family, member B	0.339	0.0001305
1450873_at	Gtpbp4	GTP binding protein 4	0.340	0.0001197
1417718_at	Eif3g	eukaryotic translation initiation factor 3, subunit G	0.340	7.71E-05
1415912_a_at	Rps13	ribosomal protein S13	0.340	0.0001983
1448122_at	Tcp1	t-complex protein 1	0.340	0.0002922
1423879_at	D030056L22Rik	RIKEN cDNA D030056L22 gene	0.340	0.0034401
1448142_x_at	Rps13	ribosomal protein S13	0.340	0.0003209
1440285_at	Ppp1r9a	protein phosphatase 1, regulatory (inhibitor) subunit 9A	0.341	0.0002011
1436705_at	Tmem32	transmembrane protein 32	0.341	0.000123
1428526_at	Lsm1	LSM domain containing 1	0.341	0.0007716
1453118_s_at	Rpl22	ribosomal protein L22	0.341	7.09E-05
1452158_at	Eprs	glutamyl-prolyl-tRNA synthetase	0.342	7.35E-05

1416585_at	Ruvb1	RuvB-like protein 1	0.342	0.0003759
1420365_a_at	Hnrnpa2b1	heterogeneous nuclear ribonucleoprotein A2/B1	0.342	0.0002262
1437327_x_at	Enoph1	enolase-phosphatase 1	0.342	8.39E-05
1422660_at	Rbm3	RNA binding motif protein 3	0.343	8.97E-05
1423050_s_at	Hnrnpu	heterogeneous nuclear ribonucleoprotein U	0.343	7.66E-05
1454704_at	Scarb2	scavenger receptor class B, member 2	0.343	0.0001645
1416297_s_at	Reg3b	regenerating islet-derived 3 beta	0.343	6.66E-05
1426783_at	Kat2a	K(lysine) acetyltransferase 2A	0.343	0.0013282
1434872_x_at	OTTMUSG00000009529	predicted gene, OTTMUSG00000009529	0.343	7.34E-05
1434512_x_at	Sfrs3	splicing factor, arginine/serine-rich 3 (SRp20)	0.344	0.000862
1416617_at	Acss1	acyl-CoA synthetase short chain family member 1	0.344	0.0005766
1416024_x_at	Cct3	chaperonin containing Tcp1, subunit 3 (gamma)	0.344	0.000361
1452048_at	Mrpl12	mitochondrial ribosomal protein L12	0.344	0.0005101
1452754_at	Creld2	cysteine-rich with EGF-like domains 2	0.344	0.0001558
1448454_at	Sfrs6	splicing factor, arginine/serine-rich 6	0.344	0.0001071
1416054_at	Rps5	ribosomal protein S5	0.344	7.29E-05

1420037_at	Atp5a1	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, alpha subunit, isoform 1	0.344	0.0011652
1438072_at	NA	NA	0.344	0.0006051
1428624_at	2810482I07Rik	RIKEN cDNA 2810482I07 gene	0.345	0.0002401
1425937_a_at	Hexim1	hexamethylene bis-acetamide inducible 1	0.345	9.33E-05
1454834_at	Nfib	nuclear factor I/B	0.345	0.0007798
1456308_x_at	Trim28	tripartite motif-containing 28	0.345	0.0003419
1439010_at	Larp4	La ribonucleoprotein domain family, member 4	0.345	0.0006303
1433507_a_at	LOC100039489	similar to Hmgn2 protein	0.345	0.0002479
1452676_a_at	Pnpt1	polyribonucleotide nucleotidyltransferase 1	0.345	0.0001574
1422478_a_at	Acss2	acyl-CoA synthetase short chain family member 2	0.346	0.0002537
1423211_at	Nola3	nucleolar protein family A, member 3	0.346	0.0001583
1451249_at	Trmt1	TRM1 tRNA methyltransferase 1 homolog (S. cerevisiae)	0.346	0.0005233
1454993_a_at	Sfrs3	splicing factor, arginine/serine-rich 3 (SRp20)	0.346	0.0001133
1433781_a_at	Cldn12	claudin 12	0.346	0.0001658
1415914_at	Hnrnpab	heterogeneous nuclear ribonucleoprotein A/B	0.346	0.0002151

1418273_a_at	Rpl30	ribosomal protein L30	0.347	8.68E-05
1419472_s_at	Nudc	nuclear distribution gene C homolog (Aspergillus)	0.347	0.0002299
1452285_a_at	Eif3f	eukaryotic translation initiation factor 3, subunit F	0.347	0.0001046
1456655_at	NA	NA	0.347	7.30E-05
1417319_at	Pvrl3	poliovirus receptor-related 3	0.347	0.0009123
1415876_a_at	Rps26	ribosomal protein S26	0.347	9.32E-05
1450986_at	Nol5	nucleolar protein 5	0.347	0.000586
1435333_at	1110007M04Rik	RIKEN cDNA 1110007M04 gene	0.348	0.0010101
1423643_at	Ddx39	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39	0.348	0.0002255
1419510_at	Es22	esterase 22	0.348	0.000973
1422075_at	Cdx2	caudal type homeo box 2	0.348	0.000118
1439266_a_at	Polr3k	polymerase (RNA) III (DNA directed) polypeptide K	0.349	0.0002511
1416030_a_at	Mcm7	minichromosome maintenance deficient 7 (S. cerevisiae)	0.349	0.0008195
1435194_at	Hspa4	heat shock protein 4	0.349	0.0004385
1447896_s_at	NA	NA	0.349	0.000125
1416546_a_at	Rpl6	ribosomal protein L6	0.349	8.86E-05
1416890_at	Wdr74	WD repeat domain 74	0.349	0.0004417
1450948_a_at	Mrpl1	mitochondrial ribosomal protein L1	0.349	0.0002687
1416256_a_at	Tubb5	tubulin, beta 5	0.349	0.000426
1450339_a_at	Bcl11b	B-cell leukemia/lymphoma 11B	0.349	0.0014322

1417264_at	Coq5	coenzyme Q5 homolog, methyltransferase (yeast)	0.350	0.0005262
1452585_at	Mrps28	mitochondrial ribosomal protein S28	0.350	0.0001549
1417506_at	Gmnn	geminin	0.350	0.0001359
1442235_at	Plagl2	pleiomorphic adenoma gene-like 2	0.350	0.0007028
1416276_a_at	Rps4x	ribosomal protein S4, X-linked	0.350	9.25E-05
1447676_x_at	S100a16	S100 calcium binding protein A16	0.350	0.000181
1448130_at	Fdft1	farnesyl diphosphate farnesyl transferase 1	0.350	0.0007845
1434377_x_at	Rps6	ribosomal protein S6	0.350	6.70E-05
1454681_at	Rbm35a	RNA binding motif protein 35A	0.350	0.0001017
1451375_at	Ehf	ets homologous factor	0.350	0.0020674
1422845_at	Canx	calnexin	0.351	0.0018516
1437032_x_at	Rbm14	RNA binding motif protein 14	0.351	0.0016547
1417212_at	9530058B02Rik	RIKEN cDNA 9530058B02 gene	0.351	0.0006166
1428530_x_at	Rps24	ribosomal protein S24	0.351	0.0001781
1424488_a_at	Ppa2	pyrophosphatase (inorganic) 2	0.352	0.0001189
1438292_x_at	Adk	adenosine kinase	0.352	0.0001153
1437908_a_at	Ergic1	endoplasmic reticulum-golgi intermediate compartment (ERGIC) 1	0.352	0.0003928
1421082_s_at	Banf1	barrier to autointegration factor 1	0.352	0.0005011

1452713_a_at	Wdr57	WD repeat domain 57 (U5 snRNP specific)	0.352	0.0001709
1449370_at	Sox4	SRY-box containing gene 4	0.352	0.0054684
1437131_x_at	Mrpl11	mitochondrial ribosomal protein L11	0.353	0.0015661
1453722_s_at	LOC100048559	similar to splicing factor, arginine/serine-rich 1 (splicing factor 2, alternate splicing factor)	0.353	0.0012405
1436317_at	Pgap1	post-GPI attachment to proteins 1	0.353	0.0002629
1416726_s_at	Ube2s	ubiquitin-conjugating enzyme E2S	0.354	0.0004151
1424344_s_at	Eif1a	eukaryotic translation initiation factor 1A	0.354	0.0001515
1417126_a_at	Rpl22l1	ribosomal protein L22 like 1	0.354	0.0001282
1431145_a_at	Cuedc2	CUE domain containing 2	0.354	0.0006682
1452406_x_at	Erdr1	erythroid differentiation regulator 1	0.354	0.0016974
1423080_at	Tomm20	translocase of outer mitochondrial membrane 20 homolog (yeast)	0.354	0.0002128
1437749_s_at	Mrpl9	mitochondrial ribosomal protein L9	0.354	9.84E-05
1416905_at	Guca2a	guanylate cyclase activator 2a (guanylin)	0.355	0.0001966
1451080_at	Usp1	ubiquitin specific peptidase 1	0.355	0.0002224
1454214_a_at	Znhit6	zinc finger, HIT type 6	0.355	0.0005321

1422801_at	G3bp1	Ras-GTPase-activating protein SH3-domain binding protein 1	0.355	0.0001366
1426385_x_at	Ywhae	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide	0.355	8.68E-05
1433689_s_at	Rps9	ribosomal protein S9	0.355	0.0001232
1423665_a_at	Rpl5	ribosomal protein L5	0.356	8.63E-05
1433983_at	Cnksr3	Cnksr family member 3	0.356	7.84E-05
1450150_a_at	Rpl13	ribosomal protein L13	0.356	0.0003132
1427250_at	Atp2a2	ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2	0.356	0.000216
1427441_a_at	Suclg2	succinate-Coenzyme A ligase, GDP-forming, beta subunit	0.357	0.0004365
1415926_at	Nup62	nucleoporin 62	0.357	0.0030275
1450943_at	Magohb	mago-nashi homolog B (Drosophila)	0.357	0.0001981
1416026_a_at	Rpl12	ribosomal protein L12	0.357	0.0001566
1433824_x_at	Grsf1	G-rich RNA sequence binding factor 1	0.357	0.0001479
1430367_at	Stambpl1	Stam binding protein like 1	0.357	0.0012432
1437333_x_at	Aldh18a1	aldehyde dehydrogenase 18 family, member A1	0.358	0.0005314
1448938_at	Rpa3	replication protein A3	0.358	0.0007676
1447166_at	NA	NA	0.358	0.0007076
1416141_a_at	Rps6	ribosomal protein S6	0.358	9.23E-05

1428153_at	Mrps10	mitochondrial ribosomal protein S10	0.358	0.0006848
1434328_at	Rpl15	ribosomal protein L15	0.358	0.0002082
1416070_a_at	Ddx18	DEAD (Asp-Glu-Ala-Asp) box polypeptide 18	0.358	0.0001109
1456244_x_at	Glrx3	glutaredoxin 3	0.358	0.0001224
1420497_a_at	Cebpz	CCAAT/enhancer binding protein zeta	0.359	0.000654
1421205_at	Atm	ataxia telangiectasia mutated homolog (human)	0.359	0.0011379
1449255_a_at	Rpl15	ribosomal protein L15	0.359	0.0001946
1416243_a_at	Rpl35	ribosomal protein L35	0.359	0.0002917
1439448_x_at	Tmed9	transmembrane emp24 protein transport domain containing 9	0.359	0.0003743
1454890_at	Amot	angiomin	0.359	0.0009232
1426162_a_at	Rpl7	ribosomal protein L7	0.359	0.0002112
1448649_at	Enpep	glutamyl aminopeptidase	0.359	0.0001079
1452398_at	Plce1	phospholipase C, epsilon 1	0.359	0.0001553
1455892_x_at	NA	NA	0.359	0.0002538
1449935_a_at	Dnaja3	DnaJ (Hsp40) homolog, subfamily A, member 3	0.360	9.72E-05
1428224_at	Hnrpd1	heterogeneous nuclear ribonucleoprotein D-like	0.360	8.73E-05
1439421_x_at	Cbx3	chromobox homolog 3 (Drosophila HP1 gamma)	0.360	0.0001652

1434079_s_at	Mcm2	minichromosome maintenance deficient 2 mitotin (S. cerevisiae)	0.360	0.0026705
1459860_x_at	Trim2	tripartite motif-containing 2	0.360	0.0001617
1449940_a_at	Eif2b4	eukaryotic translation initiation factor 2B, subunit 4 delta	0.361	0.0001118
1426645_at	Hsp90aa1	heat shock protein 90, alpha (cytosolic), class A member 1	0.361	0.0009797
1448258_a_at	Spcs1	signal peptidase complex subunit 1 homolog (S. cerevisiae)	0.361	0.0001414
1428622_at	Depdc6	DEP domain containing 6	0.361	0.0003152
1460680_a_at	Rpl23	ribosomal protein L23	0.361	0.0001657
1453314_x_at	2610039C10Rik	RIKEN cDNA 2610039C10 gene	0.361	0.0002805
1429523_a_at	Slc39a5	solute carrier family 39 (metal ion transporter), member 5	0.362	0.0040705
1438322_x_at	Fdft1	farnesyl diphosphate farnesyl transferase 1	0.362	9.85E-05
1417437_at	Xrcc6	X-ray repair complementing defective repair in Chinese hamster cells 6	0.362	0.00017
1425048_a_at	Hmgb1	high mobility group box 1	0.362	0.0016586
1450704_at	lhh	Indian hedgehog	0.362	0.0012756

1426674_at	Eif3b	eukaryotic translation initiation factor 3, subunit B	0.362	0.0003091
1417681_at	Nudt21	nudix (nucleoside diphosphate linked moiety X)-type motif 21	0.363	0.0002423
1435372_a_at	Pa2g4	proliferation-associated 2G4	0.363	0.0001349
1450694_at	Fkbp2	FK506 binding protein 2	0.363	0.0008516
1456581_x_at	Gdi2	guanosine diphosphate (GDP) dissociation inhibitor 2	0.363	0.000167
1447432_s_at	Zfp263	zinc finger protein 263	0.363	0.000501
1433706_a_at	Ptplad1	protein tyrosine phosphatase-like A domain containing 1	0.364	0.0001625
1437027_x_at	Rnps1	ribonucleic acid binding protein S1	0.364	0.0001463
1416209_at	Glud1	glutamate dehydrogenase 1	0.364	0.0002817
1416699_at	1110008F13Rik	RIKEN cDNA 1110008F13 gene	0.364	0.0005236
1439553_s_at	Nutf2	nuclear transport factor 2	0.364	0.0011359
1418885_a_at	Idh3b	isocitrate dehydrogenase 3 (NAD+) beta	0.364	0.0001872
1455485_x_at	Rpl13a	ribosomal protein L13a	0.364	0.0001688
1448479_at	Psmc3	proteasome (prosome, macropain) 26S subunit, non-ATPase, 3	0.365	0.0015487
1438505_s_at	Rnasen	ribonuclease III, nuclear	0.365	0.0004696

1418228_at	Nfu1	NFU1 iron-sulfur cluster scaffold homolog (S. cerevisiae)	0.365	0.000307
1421178_at	Mgat4c	mannosyl (alpha-1,3)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme C (putative)	0.365	0.0009965
1452198_at	Fbxl10	F-box and leucine-rich repeat protein 10	0.366	0.0009931
1423284_at	Mansc1	MANSC domain containing 1	0.366	0.0008854
1435380_at	Cox10	COX10 homolog, cytochrome c oxidase assembly protein, heme A: farnesyltransferase (yeast)	0.366	0.0008314
1428112_at	Armet	arginine-rich, mutated in early stage tumors	0.366	0.0003794
1435817_x_at	Rps6	ribosomal protein S6	0.366	0.000135
1416404_s_at	Rps16	ribosomal protein S16	0.366	0.0002342
1439624_at	Ugt2b35	UDP glucuronosyltransferase 2 family, polypeptide B35	0.366	0.0001498
1423521_at	Lmnb1	lamin B1	0.366	0.0009054
1424000_a_at	Rps11	ribosomal protein S11	0.366	0.0001617
1416595_at	Mrps22	mitochondrial ribosomal protein S22	0.366	0.0017705
1420489_at	Mrps14	mitochondrial ribosomal protein S14	0.367	0.0013741
1434748_at	Ckap2	cytoskeleton associated protein 2	0.367	0.0033734

1424637_s_at	Ccdc47	coiled-coil domain containing 47	0.367	0.0003394
1451134_a_at	Tm2d2	TM2 domain containing 2	0.367	0.000894
1439406_x_at	Fars2	phenylalanine-tRNA synthetase 2 (mitochondrial)	0.367	0.0001981
1436194_at	Preli2	PRELI domain containing 2	0.367	0.0005714
1416544_at	Ezh2	enhancer of zeste homolog 2 (Drosophila)	0.368	0.0001692
1448890_at	Klf2	Kruppel-like factor 2 (lung)	0.368	0.0011998
1450011_at	Hsd17b12	hydroxysteroid (17-beta) dehydrogenase 12	0.368	0.0008136
1438723_a_at	Rps10	ribosomal protein S10	0.368	0.0002639
1418118_at	Slc22a1	solute carrier family 22 (organic cation transporter), member 1	0.368	0.0005942
1448286_at	Hsd17b10	hydroxysteroid (17-beta) dehydrogenase 10	0.368	0.0004522
1440799_s_at	Farp2	FERM, RhoGEF and pleckstrin domain protein 2	0.368	0.0022366
1452192_at	Naf1	nuclear assembly factor 1 homolog (S. cerevisiae)	0.368	0.0001656
1416714_at	Irf8	interferon regulatory factor 8	0.368	0.000191
1428919_at	Fgfr1op	Fgfr1 oncogene partner	0.368	0.0002523
1457139_at	Auts2	autism susceptibility candidate 2	0.369	0.0003155
1424843_a_at	Gas5	growth arrest specific 5	0.369	0.0007148

1454955_at	Ipo7	importin 7	0.369	0.0004039
1448809_at	Cse1l	chromosome segregation 1-like (S. cerevisiae)	0.369	0.0032095
1438015_at	Dkc1	dyskeratosis congenita 1, dyskerin homolog (human)	0.369	0.0109028
1439616_at	NA	NA	0.370	0.0004861
1448697_s_at	Rpl36a1	ribosomal protein L36a-like	0.370	0.0002492
1417102_a_at	Ndufb5	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5	0.370	0.000129
1438655_a_at	Rpl34	ribosomal protein L34	0.370	0.0001374
1416065_a_at	Ankrd10	ankyrin repeat domain 10	0.370	0.0003122
1415701_x_at	Rpl23	ribosomal protein L23	0.370	0.0001454
1437377_a_at	Polrmt	polymerase (RNA) mitochondrial (DNA directed)	0.370	0.0004061
1422623_x_at	Rpl41	ribosomal protein L41	0.370	0.000303
1438386_x_at	Mat2a	methionine adenosyltransferase II, alpha	0.370	0.0001846
1428428_at	Abhd11	abhydrolase domain containing 11	0.371	0.0001293
1417150_at	Slc6a4	solute carrier family 6 (neurotransmitter transporter, serotonin), member 4	0.371	0.0002059
1417273_at	Pdk4	pyruvate dehydrogenase kinase, isoenzyme 4	0.372	0.0002141
1438643_at	Camk1d	calcium/calmodulin-dependent protein kinase ID	0.372	0.0006103

1417062_at	Armc10	armadillo repeat containing 10	0.372	0.0005243
1422475_a_at	Rps3a	ribosomal protein S3a	0.372	0.0001544
1424689_at	Prss32	protease, serine, 32	0.373	0.0004365
1456293_s_at	Ccnh	cyclin H	0.373	0.0003111
1437279_x_at	Sdc1	syndecan 1	0.373	0.0002821
1457141_at	NA	NA	0.373	0.000235
1435177_a_at	Anapc5	anaphase-promoting complex subunit 5	0.373	0.0003739
1423277_at	Ptprk	protein tyrosine phosphatase, receptor type, K	0.373	0.0001392
1429491_s_at	Rif1	Rap1 interacting factor 1 homolog (yeast)	0.373	0.0002905
1418840_at	Pdcd4	programmed cell death 4	0.373	0.0003185
1440011_at	NA	NA	0.373	0.0001598
1451348_at	Depdc6	DEP domain containing 6	0.374	0.0020922
1418274_at	Nutf2	nuclear transport factor 2	0.374	0.0028356
1423666_s_at	Rpl5	ribosomal protein L5	0.374	0.0003697
1436845_at	Axin2	axin2	0.374	0.0092223
1460037_at	2610510H03Rik	RIKEN cDNA 2610510H03 gene	0.375	0.0004997
1460718_s_at	Mtch1	mitochondrial carrier homolog 1 (C. elegans)	0.375	0.0057489
1443088_at	9930031P18Rik	RIKEN cDNA 9930031P18 gene	0.375	0.0002691
1421664_a_at	Styx	serine/threonine/tyrosine interaction protein	0.375	0.000311
1453362_x_at	Rps24	ribosomal protein S24	0.375	0.000299
1455010_at	1500012F01Rik	RIKEN cDNA 1500012F01 gene	0.375	0.000198

1454859_a_at	Rpl23	ribosomal protein L23	0.375	0.0001505
1428152_a_at	Rpl18a	ribosomal protein L18A	0.376	0.0002506
1438239_at	Mid1	midline 1	0.376	0.0030573
1446928_at	Dnajc17	DnaJ (Hsp40) homolog, subfamily C, member 17	0.376	0.000372
1434523_x_at	Eif3e	eukaryotic translation initiation factor 3, subunit E	0.376	0.000236
1438195_at	Gpd1l	glycerol-3-phosphate dehydrogenase 1-like	0.376	0.0005216
1422884_at	Snrpd3	small nuclear ribonucleoprotein D3	0.376	0.0020092
1437192_x_at	Mt2	metallothionein 2	0.376	0.0001468
1436856_x_at	Tars2	threonyl-tRNA synthetase 2, mitochondrial (putative)	0.376	0.0014307
1450372_a_at	Rpl18	ribosomal protein L18	0.377	0.0004117
1448114_a_at	Htf9c	HpaII tiny fragments locus 9c	0.377	0.0002357
1457292_at	Josd3	Josephin domain containing 3	0.377	0.0002492
1416719_a_at	Rps10	ribosomal protein S10	0.377	0.000307
1441536_at	Hmgcs1	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1	0.377	0.0011946
1431980_a_at	As3mt	arsenic (+3 oxidation state) methyltransferase	0.378	0.000276
1448551_a_at	Trim2	tripartite motif-containing 2	0.378	0.0005603
1437336_x_at	Prickle4	prickle homolog 4 (Drosophila)	0.378	0.0004436
1433445_x_at	LOC100040592	similar to Hmgcs1 protein	0.378	0.0001492
1438714_at	NA	NA	0.378	0.0004097

1448622_at	Lsm4	LSM4 homolog, U6 small nuclear RNA associated (S. cerevisiae)	0.378	0.0013069
1423206_s_at	2310003F16Rik	RIKEN cDNA 2310003F16 gene	0.379	0.0002585
1440195_at	Serbp1	Serpine1 mRNA binding protein 1	0.379	0.0047431
1433913_at	C80913	expressed sequence C80913	0.379	0.0014893
1416949_s_at	Slc39a7	solute carrier family 39 (zinc transporter), member 7	0.379	0.0022024
1427342_at	Fastkd1	FAST kinase domains 1	0.379	0.0002361
1435821_s_at	Ppp1r8	protein phosphatase 1, regulatory (inhibitor) subunit 8	0.379	0.0003246
1416172_at	Pes1	pescadillo homolog 1, containing BRCT domain (zebrafish)	0.379	0.0002417
1428429_at	Rgmb	RGM domain family, member B	0.379	0.0014681
1429054_at	Mrpl47	mitochondrial ribosomal protein L47	0.379	0.0007495
1430147_a_at	Josd3	Josephin domain containing 3	0.379	0.0005427
1416277_a_at	Rplp1	ribosomal protein, large, P1	0.380	0.0003791
1429822_at	4633401B06Rik	RIKEN cDNA 4633401B06 gene	0.380	0.000272
1426788_a_at	Ssrp1	structure specific recognition protein 1	0.380	0.0006187
1437709_x_at	Ttc13	tetratricopeptide repeat domain 13	0.380	0.0003968
1417647_at	Snx5	sorting nexin 5	0.380	0.0003614

1438510_a_at	Hars	histidyl-tRNA synthetase	0.380	0.0002439
1428090_at	Ptcd3	pentatricopeptide repeat domain 3	0.380	0.0004629
1438250_s_at	OTTMUSG0000006515	predicted gene, OTTMUSG0000006515	0.380	0.0002739
1419839_x_at	Prpf19	PRP19/PSO4 pre-mRNA processing factor 19 homolog (S. cerevisiae)	0.380	0.0003059
1417500_a_at	Tgm2	transglutaminase 2, C polypeptide	0.380	0.0016218
1441556_at	NA	NA	0.381	0.0006855
1443814_x_at	Ctsh	cathepsin H	0.381	0.0003818
1451980_at	Casd1	CAS1 domain containing 1	0.381	0.000448
1448307_at	Psmg1	proteasome (prosome, macropain) assembly chaperone 1	0.381	0.0017333
1451088_a_at	Oxa1l	oxidase assembly 1-like	0.381	0.0009848
1452047_at	Cacybp	calcyclin binding protein	0.381	0.0003374
1418015_at	Pum2	pumilio 2 (Drosophila)	0.381	0.0087542
1416284_at	Mrpl28	mitochondrial ribosomal protein L28	0.382	0.0010707
1418449_at	Lad1	ladinin	0.382	0.0012114
1440163_at	Ccnk	cyclin K	0.382	0.0005487
1423564_a_at	Paics	phosphoribosylaminoimidazole carboxylase, phosphoribosylaminimidazole, succinocarboxamide synthetase	0.382	0.0004387

1434434_s_at	Tcerg1	transcription elongation regulator 1 (CA150)	0.382	0.0001929
1447703_x_at	Zfp593	zinc finger protein 593	0.382	0.001166
1449706_s_at	Nr5a2	nuclear receptor subfamily 5, group A, member 2	0.383	0.0041465
1455839_at	Ugcgl1	UDP-glucose ceramide glucosyltransferase-like 1	0.383	0.0006892
1426722_at	Slc38a2	solute carrier family 38, member 2	0.383	0.0002178
1416181_at	Mesdc2	mesoderm development candidate 2	0.383	0.0015971
1436420_a_at	Ipo4	importin 4	0.383	0.0002235
1426789_s_at	Ssrp1	structure specific recognition protein 1	0.384	0.0004206
1423723_s_at	Tardbp	TAR DNA binding protein	0.384	0.0003431
1417053_at	Phb	prohibitin	0.384	0.0005711
1416171_at	2310037I24Rik	RIKEN cDNA 2310037I24 gene	0.385	0.0002373
1454992_at	Slc7a1	solute carrier family 7 (cationic amino acid transporter, y+ system), member 1	0.385	0.0008045
1416100_at	Eif3d	eukaryotic translation initiation factor 3, subunit D	0.385	0.0003635
1418337_at	Rpia	ribose 5-phosphate isomerase A	0.385	0.0004342
1415700_a_at	Ssr3	signal sequence receptor, gamma	0.385	0.0003913
1415733_a_at	1110019J04Rik	RIKEN cDNA 1110019J04 gene	0.386	0.0002433

1422855_at	Cpsf3	cleavage and polyadenylation specificity factor 3	0.386	0.0002396
1455988_a_at	LOC100038887	hypothetical protein LOC100038887	0.386	0.0002569
1417239_at	Cetn3	centrin 3	0.386	0.000701
1417168_a_at	Usp2	ubiquitin specific peptidase 2	0.386	0.0003528
1455384_x_at	D030056L22Rik	RIKEN cDNA D030056L22 gene	0.386	0.0011236
1423547_at	Lyz2	lysozyme 2	0.386	0.0021088
1423079_a_at	Tomm20	translocase of outer mitochondrial membrane 20 homolog (yeast)	0.386	0.0003119
1416907_at	Tsn	translin	0.387	0.0004298
1421083_x_at	Banf1	barrier to autointegration factor 1	0.387	0.0030255
1451499_at	Cadps2	Ca ²⁺ -dependent activator protein for secretion 2	0.387	0.0001875
1435682_at	Lars2	leucyl-tRNA synthetase, mitochondrial	0.387	0.0001905
1428296_at	Polr2l	polymerase (RNA) II (DNA directed) polypeptide L	0.387	0.0010287
1460008_x_at	Rpl31	ribosomal protein L31	0.388	0.0001928
1424980_s_at	Aph1a	anterior pharynx defective 1a homolog (C. elegans)	0.388	0.0074697
1424874_a_at	Ptbp1	polypyrimidine tract binding protein 1	0.388	0.0040994
1416346_at	Timm8a1	translocase of inner mitochondrial membrane 8 homolog a1 (yeast)	0.388	0.0021595

1423278_at	Ptpk	protein tyrosine phosphatase, receptor type, K	0.388	0.0002617
1417657_s_at	Dnajc2	DnaJ (Hsp40) homolog, subfamily C, member 2	0.389	0.0004928
1451254_at	Ikbkap	inhibitor of kappa light polypeptide enhancer in B-cells, kinase complex-associated protein	0.389	0.0006813
1436443_a_at	Kdelc1	KDEL (Lys-Asp-Glu-Leu) containing 1	0.389	0.0007039
1452036_a_at	Tmpo	thymopoietin	0.389	0.0005784
1423756_s_at	Igfbp4	insulin-like growth factor binding protein 4	0.390	0.0207204
1437993_x_at	Qdpr	quinoid dihydropteridine reductase	0.390	0.0004332
1438267_x_at	Rnps1	ribonucleic acid binding protein S1	0.390	0.000536
1426343_at	Stt3b	STT3, subunit of the oligosaccharyltransferase complex, homolog B (S. cerevisiae)	0.390	0.000838
1459657_s_at	OTTMUSG00000008305	predicted gene, OTTMUSG00000008305	0.391	0.0001867
1415888_at	Hdgf	hepatoma-derived growth factor	0.391	0.0017135
1452111_at	Mrps35	mitochondrial ribosomal protein S35	0.391	0.0002361
1435232_x_at	Mrpl15	mitochondrial ribosomal protein L15	0.391	0.0002475
1416108_a_at	Tmed3	transmembrane emp24 domain containing 3	0.391	0.0005646

1434145_s_at	Serhl	serine hydrolase-like	0.391	0.0002546
1419553_a_at	Rabggtb	RAB geranylgeranyl transferase, b subunit	0.391	0.0002761
1428500_at	2210419D22Rik	RIKEN cDNA 2210419D22 gene	0.392	0.0002102
1416901_at	Npc2	Niemann Pick type C2	0.392	0.0003105
1434579_x_at	Ndufs8	NADH dehydrogenase (ubiquinone) Fe-S protein 8	0.392	0.000277
1444085_at	Pdss2	prenyl (solanesyl) diphosphate synthase, subunit 2	0.392	0.0005409
1423943_at	Dus1l	dihydrouridine synthase 1-like (S. cerevisiae)	0.392	0.0020753
1449506_a_at	Eef1d	eukaryotic translation elongation factor 1 delta (guanine nucleotide exchange protein)	0.392	0.0006396
1423600_a_at	Tcof1	Treacher Collins Franceschetti syndrome 1, homolog	0.392	0.000908
1439068_at	Erap1	endoplasmic reticulum aminopeptidase 1	0.392	0.0011227
1450735_at	Pno1	partner of NOB1 homolog (S. cerevisiae)	0.392	0.0029932
1417059_at	Krtcap2	keratinocyte associated protein 2	0.393	0.0030241
1417830_at	Smc1a	structural maintenance of chromosomes 1A	0.393	0.0005713
1452454_at	Sdad1	SDA1 domain containing 1	0.393	0.0011715

1438984_x_at	Psmb4	proteasome (prosome, macropain) subunit, beta type 4	0.393	0.0002152
1441963_at	RP23-100C5.8	ProSAPiP1 protein	0.393	0.001381
1428158_at	Akt1s1	AKT1 substrate 1 (proline-rich)	0.393	0.0031241
1437982_x_at	Cox15	COX15 homolog, cytochrome c oxidase assembly protein (yeast)	0.393	0.0003838
1452774_at	Hnrnpa3	heterogeneous nuclear ribonucleoprotein A3	0.393	0.000807
1460168_at	Slbp	stem-loop binding protein	0.394	0.0003158
1434668_at	Nucks1	nuclear casein kinase and cyclin-dependent kinase substrate 1	0.394	0.0003814
1436247_at	4632419I22Rik	RIKEN cDNA 4632419I22 gene	0.394	0.0165943
1427119_at	Spink4	serine peptidase inhibitor, Kazal type 4	0.394	0.0004501
1434766_at	NA	NA	0.394	0.0002235
1457173_at	NA	NA	0.394	0.0003982
1438969_x_at	Dhx30	DEAH (Asp-Glu-Ala-His) box polypeptide 30	0.394	0.0002564
1416859_at	Fkbp3	FK506 binding protein 3	0.394	0.0010678
1433534_a_at	Cct2	chaperonin containing Tcp1, subunit 2 (beta)	0.394	0.0002931
1417763_at	Ssr1	signal sequence receptor, alpha	0.394	0.0008269
1416122_at	Ccnd2	cyclin D2	0.394	0.0004484

1437622_x_at	Mrpl28	mitochondrial ribosomal protein L28	0.395	0.0002976
1456170_x_at	Calr	calreticulin	0.395	0.0004403
1423648_at	Pdia6	protein disulfide isomerase associated 6	0.395	0.0029466
1423430_at	Mybbp1a	MYB binding protein (P160) 1a	0.395	0.0036044
1416152_a_at	Sfrs3	splicing factor, arginine/serine-rich 3 (SRp20)	0.395	0.00234
1436064_x_at	Rps24	ribosomal protein S24	0.395	0.0003951
1421821_at	Ldlr	low density lipoprotein receptor	0.395	0.0004941
1435017_at	Cisd3	CDGSH iron sulfur domain 3	0.395	0.0004624
1426994_at	Phlpp	PH domain and leucine rich repeat protein phosphatase	0.396	0.0006665
1455391_at	Rad23a	RAD23a homolog (S. cerevisiae)	0.396	0.0019283
1417286_at	Ndufa5	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5	0.396	0.0003721
1428099_a_at	Sfrs1	splicing factor, arginine/serine-rich 1 (ASF/SF2)	0.396	0.0003639
1417713_at	Eif2s2	eukaryotic translation initiation factor 2, subunit 2 (beta)	0.396	0.0011942
1416177_at	Rbmxrt	RNA binding motif protein, X chromosome retrogene	0.397	0.0005468

1416792_at	Ppm1g	protein phosphatase 1G (formerly 2C), magnesium-dependent, gamma isoform	0.397	0.0012167
1429077_x_at	Rpl21	ribosomal protein L21	0.397	0.0002567
1418529_at	Osgep	O-sialoglycoprotein endopeptidase	0.397	0.0008823
1426724_at	Cnn3	calponin 3, acidic	0.397	0.0012518
1434815_a_at	Mapkapk3	mitogen-activated protein kinase-activated protein kinase 3	0.397	0.0006862
1426659_a_at	Rpl23a	ribosomal protein L23a	0.397	0.0006178
1438839_a_at	Ywhae	tyrosine 3-monooxygenase /tryptophan 5-monooxygenase activation protein, epsilon polypeptide	0.397	0.0003215
1431922_at	Isx	intestine specific homeobox	0.398	0.0003824
1416214_at	Mcm4	minichromosome maintenance deficient 4 homolog (S. cerevisiae)	0.398	0.0009119
1417083_at	Sec61b	Sec61 beta subunit	0.398	0.0004017
1437986_x_at	Fuk	fucokinase	0.398	0.0003483
1423748_at	Pdk1	pyruvate dehydrogenase kinase, isoenzyme 1	0.398	0.00206
1448577_x_at	Syngn2	synaptogyrin 2	0.398	0.0018558

1452011_a_at	Uxs1	UDP-glucuronate decarboxylase 1	0.399	0.0013698
1430000_at	B230117O15Rik	RIKEN cDNA B230117O15 gene	0.399	0.0046817
1449348_at	Mpp6	membrane protein, palmitoylated 6 (MAGUK p55 subfamily member 6)	0.399	0.0031227
1451285_at	Fus	fusion, derived from t(12;16) malignant liposarcoma (human)	0.399	0.0006037
1424161_at	Ddx27	DEAD (Asp-Glu-Ala-Asp) box polypeptide 27	0.399	0.0012899
1433806_x_at	Calr	calreticulin	0.400	0.0006665
1434491_a_at	Cox6c	cytochrome c oxidase, subunit VIc	0.400	0.0002654
1456590_x_at	Akr1b3	aldo-keto reductase family 1, member B3 (aldose reductase)	0.400	0.0010715
1434942_at	Esf1	ESF1, nucleolar pre-rRNA processing protein, homolog (S. cerevisiae)	0.400	0.0003088
1441213_at	BC021891	cDNA sequence BC021891	0.400	0.0004586
1416415_a_at	H2afz	H2A histone family, member Z	0.401	0.0004713
1443466_s_at	Polr3b	polymerase (RNA) III (DNA directed) polypeptide B	0.401	0.0018908
1416493_at	Ddost	dolichyl-diphosphooligosaccharide-protein glycotransferase	0.401	0.0074453

1451175_at	Spcs3	signal peptidase complex subunit 3 homolog (S. cerevisiae)	0.401	0.0003279
1428159_s_at	Ndufab1	NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1	0.401	0.0005139
1435923_at	Ado	2-aminoethanethiol (cysteamine) dioxygenase	0.401	0.0007432
1423855_x_at	Rpl17	ribosomal protein L17	0.402	0.0003581
1449635_at	Prpf19	PRP19/PSO4 pre-mRNA processing factor 19 homolog (S. cerevisiae)	0.403	0.0009577
1427129_a_at	Hnrnpr	heterogeneous nuclear ribonucleoprotein R	0.403	0.000368
1428316_a_at	Fundc2	FUN14 domain containing 2	0.403	0.0004812
1428306_at	Ddit4	DNA-damage-inducible transcript 4	0.403	0.0006388
1421019_at	1700021F05Rik	RIKEN cDNA 1700021F05 gene	0.403	0.0007334
1416176_at	Hmgb1	high mobility group box 1	0.403	0.0005769
1436760_a_at	Rps8	ribosomal protein S8	0.404	0.0015406
1423924_s_at	Tspan14	tetraspanin 14	0.404	0.0062855
1428365_a_at	Lonp1	lon peptidase 1, mitochondrial	0.404	0.002465
1428588_a_at	Mrpl41	mitochondrial ribosomal protein L41	0.404	0.0005601
1427297_at	Mrpl9	mitochondrial ribosomal protein L9	0.404	0.0003639
1428797_at	Setd6	SET domain containing 6	0.404	0.00175

1433430_s_at	Cdc23	CDC23 (cell division cycle 23, yeast, homolog)	0.404	0.0003844
1452785_at	1700034H14Rik	RIKEN cDNA 1700034H14 gene	0.404	0.0024123
1418507_s_at	Socs2	suppressor of cytokine signaling 2	0.404	0.0004261
1454905_at	Ibtk	inhibitor of Bruton agammaglobulinemia tyrosine kinase	0.404	0.0029085
1426384_a_at	Ywhae	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, epsilon polypeptide	0.405	0.0003346
1428293_at	2310022M17Rik	RIKEN cDNA 2310022M17 gene	0.405	0.0004053
1448212_at	Psmg2	proteasome (prosome, macropain) assembly chaperone 2	0.405	0.0035101
1416569_at	Actl6a	actin-like 6A	0.405	0.0007707
1417390_at	Gpn1	GPN-loop GTPase 1	0.405	0.0026839
1423796_at	Sfpq	splicing factor proline/glutamine rich (polypyrimidine tract binding protein associated)	0.405	0.0010526
1426797_at	Tmem209	transmembrane protein 209	0.405	0.0031481
1448808_a_at	Nme2	non-metastatic cells 2, protein (NM23B) expressed in	0.405	0.0008702
1452868_at	Usp24	ubiquitin specific peptidase 24	0.405	0.0011209

1438120_x_at	Irak1	interleukin-1 receptor-associated kinase 1	0.405	0.001035
1416641_at	Lig1	ligase I, DNA, ATP-dependent	0.406	0.0030952
1416684_at	Fbl	fibrillarlin	0.406	0.0023049
1437624_x_at	Nudt16l1	nudix (nucleoside diphosphate linked moiety X)-type motif 16-like 1	0.406	0.0007986
1416858_a_at	Fkbp3	FK506 binding protein 3	0.406	0.0004979
1457915_at	4833442J19Rik	RIKEN cDNA 4833442J19 gene	0.406	0.0017631
1418844_at	Alg9	asparagine-linked glycosylation 9 homolog (yeast, alpha 1,2 mannosyltransferase)	0.406	0.0021268
1416984_at	Mrps18a	mitochondrial ribosomal protein S18A	0.406	0.0004319
1452179_at	Phf17	PHD finger protein 17	0.406	0.0003417
1428666_at	Nars	asparaginyl-tRNA synthetase	0.407	0.001667
1456573_x_at	Nnt	nicotinamide nucleotide transhydrogenase	0.407	0.0004385
1419622_at	Ugt2b5	UDP glucuronosyltransferase 2 family, polypeptide B5	0.407	0.002739
1435777_at	E030018N11Rik	RIKEN cDNA E030018N11 gene	0.407	0.0014305
1419912_s_at	Strap	serine/threonine kinase receptor associated protein	0.407	0.0004236

1429306_at	Lzic	leucine zipper and CTNNBIP1 domain containing	0.407	0.0063186
1417058_a_at	Krtcap2	keratinocyte associated protein 2	0.407	0.0004348
1418004_a_at	Tmem176b	transmembrane protein 176B	0.408	0.0034162
1438563_s_at	Mrps24	mitochondrial ribosomal protein S24	0.408	0.0004396
1438318_x_at	Ngdn	neuroguidin, EIF4E binding protein	0.408	0.0003553
1431893_a_at	Pdss1	prenyl (solanesyl) diphosphate synthase, subunit 1	0.408	0.0085821
1435917_at	Ociad2	OCIA domain containing 2	0.408	0.0031056
1423465_at	Frrs1	ferric-chelate reductase 1	0.409	0.000466
1460323_at	Tars	threonyl-tRNA synthetase	0.409	0.0004909
1423087_a_at	Prickle4	prickle homolog 4 (Drosophila)	0.409	0.0034289
1423617_at	Pdf	peptide deformylase (mitochondrial)	0.409	0.0006362
1433822_x_at	Anapc5	anaphase-promoting complex subunit 5	0.409	0.0005886
1438156_x_at	Cpt1a	carnitine palmitoyltransferase 1a, liver	0.409	0.0009768
1434025_at	NA	NA	0.409	0.0009277
1453206_at	Acad9	acyl-Coenzyme A dehydrogenase family, member 9	0.409	0.0007526
1438560_x_at	Cct4	chaperonin containing Tcp1, subunit 4 (delta)	0.409	0.0004055
1460557_at	Supv31	suppressor of var1, 3-like 1 (S. cerevisiae)	0.410	0.0014612

1436801_x_at	Cdc42ep4	CDC42 effector protein (Rho GTPase binding) 4	0.410	0.0012187
1452725_a_at	Rnaseh2a	ribonuclease H2, large subunit	0.410	0.004274
1450423_s_at	Bxdc1	brix domain containing 1	0.410	0.0028151
1434173_s_at	D19Bwg1357e	DNA segment, Chr 19, Brigham & Women@#\$%&s Genetics 1357 expressed	0.410	0.0006821
1438835_a_at	Eftud2	elongation factor Tu GTP binding domain containing 2	0.410	0.0078243
1426440_at	Dhrs7	dehydrogenase/reductase (SDR family) member 7	0.410	0.0050931
1427957_at	9530008L14Rik	RIKEN cDNA 9530008L14 gene	0.410	0.0017082
1424616_s_at	Frag1	FGF receptor activating protein 1	0.410	0.0004939
1424200_s_at	Seh1l	SEH1-like (S. cerevisiae)	0.411	0.0005306
1437649_x_at	Snx22	sorting nexin 22	0.411	0.0003559
1437975_a_at	Rpl23a	ribosomal protein L23a	0.411	0.0005622
1456867_x_at	Ergic3	ERGIC and golgi 3	0.411	0.0011883
1421445_at	Slc26a3	solute carrier family 26, member 3	0.411	0.0005531
1448198_a_at	Ndufb8	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 8	0.411	0.00066
1416884_at	Cbx3	chromobox homolog 3 (Drosophila HP1 gamma)	0.412	0.0004271

1437621_x_at	Phgdh	3-phosphoglycerate dehydrogenase	0.412	0.0029237
1416217_a_at	Rpl37a	ribosomal protein L37a	0.412	0.0003129
1418371_at	Dynll2	dynein light chain LC8-type 2	0.412	0.0005293
1434047_x_at	Hnrnpa2b1	heterogeneous nuclear ribonucleoprotein A2/B1	0.412	0.000544
1436924_x_at	Rpl31	ribosomal protein L31	0.412	0.0003394
1450129_a_at	Socs6	suppressor of cytokine signaling 6	0.412	0.0035104
1434705_at	Ctbp2	C-terminal binding protein 2	0.412	0.0009823
1435734_x_at	Dus1l	dihydrouridine synthase 1-like (S. cerevisiae)	0.412	0.0004085
1448403_at	Lars	leucyl-tRNA synthetase	0.412	0.0005469
1460201_a_at	Rpl24	ribosomal protein L24	0.413	0.0005012
1415950_a_at	Pebp1	phosphatidylethanolamine binding protein 1	0.413	0.0023962
1428322_a_at	Ndufb10	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 10	0.413	0.0005489
1418713_at	Pcbd1	pterin 4 alpha carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) 1	0.413	0.0011841
1418349_at	Hbegf	heparin-binding EGF-like growth factor	0.413	0.0009814

1449090_a_at	Yes1	Yamaguchi sarcoma viral (v-yes) oncogene homolog 1	0.413	0.0005843
1448230_at	Usp10	ubiquitin specific peptidase 10	0.413	0.0013684
1450054_at	Add1	adducin 1 (alpha)	0.413	0.0012885
1440120_at	Gnb2l1	guanine nucleotide binding protein (G protein), beta polypeptide 2 like 1	0.413	0.0004905
1437250_at	Mreg	melanoregulin	0.413	0.0007046
1433495_at	Glit25d1	glycosyltransferase 25 domain containing 1	0.413	0.0013538
1428160_at	Ndufab1	NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex, 1	0.414	0.0021212
1435178_x_at	Anapc5	anaphase-promoting complex subunit 5	0.414	0.000725
1423362_at	Sort1	sortilin 1	0.414	0.0008095
1416657_at	Akt1	thymoma viral proto-oncogene 1	0.415	0.0030074
1448430_a_at	Naca	nascent polypeptide-associated complex alpha polypeptide	0.415	0.0006861
1449645_s_at	Cct3	chaperonin containing Tcp1, subunit 3 (gamma)	0.415	0.0024536
1439268_x_at	Eif3e	eukaryotic translation initiation factor 3, subunit E	0.415	0.0005509
1436615_a_at	Otc	ornithine transcarbamylase	0.415	0.0004874

1423205_at	Tm9sf4	transmembrane 9 superfamily protein member 4	0.415	0.0020536
1440254_at	100041277	predicted gene, 100041277	0.416	0.002476
1424147_at	Ahsa1	AHA1, activator of heat shock protein ATPase homolog 1 (yeast)	0.416	0.0011381
1434091_at	Faah	fatty acid amide hydrolase	0.416	0.0027632
1452966_at	Bcl11b	B-cell leukemia/lymph oma 11B	0.416	0.0030522
1433829_a_at	Hnrnpa2b1	heterogeneous nuclear ribonucleoprotei n A2/B1	0.416	0.0003791
1455904_at	Gas5	growth arrest specific 5	0.416	0.0006937
1423702_at	H1f0	H1 histone family, member 0	0.417	0.0007125
1415980_at	Atp5g2	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 2	0.417	0.0018911
1428212_x_at	ENSMUSG0000 0066956	predicted gene, ENSMUSG0000 0066956	0.417	0.0004797
1416536_at	Mum1	melanoma associated antigen (mutated) 1	0.417	0.0006827
1415702_a_at	Ctbp1	C-terminal binding protein 1	0.417	0.0009181
1434824_at	Baz1b	bromodomain adjacent to zinc finger domain, 1B	0.417	0.0006919
1431182_at	Hspa8	heat shock protein 8	0.417	0.0004519

1455693_x_at	LOC100043734	similar to ribosomal protein S6	0.417	0.0003759
1449415_at	Chd1l	chromodomain helicase DNA binding protein 1 like	0.417	0.0004952
1434056_a_at	Ndufb6	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 6	0.418	0.0005451
1417380_at	Iqgap1	IQ motif containing GTPase activating protein 1	0.418	0.0003941
1456745_x_at	Ergic3	ERGIC and golgi 3	0.418	0.0046429
1429556_at	2610024B07Rik	RIKEN cDNA 2610024B07 gene	0.418	0.003568
1431177_a_at	OTTMUSG0000022086	predicted gene, OTTMUSG0000022086	0.419	0.0004702
1417972_s_at	Pop5	processing of precursor 5, ribonuclease P/MRP family (S. cerevisiae)	0.419	0.0017737
1436113_a_at	St13	suppression of tumorigenicity 13	0.419	0.0007746
1453124_at	Tnpo3	transportin 3	0.419	0.0004767
1430515_s_at	Aasdhppt	aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase	0.419	0.0056509
1437325_x_at	Aldh18a1	aldehyde dehydrogenase 18 family, member A1	0.420	0.0030516
1423219_a_at	Mrpl49	mitochondrial ribosomal protein L49	0.420	0.0005135
1433782_at	Cldn12	claudin 12	0.420	0.0013473

1428100_at	Sfrs1	splicing factor, arginine/serine-rich 1 (ASF/SF2)	0.420	0.0006645
1424052_at	Thap4	THAP domain containing 4	0.420	0.0008291
1436964_at	D7Erd715e	DNA segment, Chr 7, ERATO Doi 715, expressed	0.421	0.0021228
1453571_at	Depdc6	DEP domain containing 6	0.421	0.0004281
1434970_a_at	Mrpl15	mitochondrial ribosomal protein L15	0.421	0.000455
1416892_s_at	3110001A13Rik	RIKEN cDNA 3110001A13 gene	0.421	0.0004005
1428412_at	Tm9sf3	transmembrane 9 superfamily member 3	0.421	0.0007674
1417161_at	Cdk2ap2	CDK2-associated protein 2	0.421	0.0030868
1456083_x_at	Eif3c	eukaryotic translation initiation factor 3, subunit C	0.421	0.0005601
1450841_at	Stt3a	STT3, subunit of the oligosaccharyltransferase complex, homolog A (S. cerevisiae)	0.421	0.0053657
1454669_at	Tmem11	transmembrane protein 11	0.421	0.00213
1426675_at	Tomm70a	translocase of outer mitochondrial membrane 70 homolog A (yeast)	0.421	0.0007979
1426735_at	Iars2	isoleucine-tRNA synthetase 2, mitochondrial	0.422	0.0011659

1436640_x_at	Agpat4	1-acylglycerol-3-phosphate O-acyltransferase 4 (lysophosphatidic acid acyltransferase, delta)	0.422	0.0029274
1434291_a_at	Serf1	small EDRK-rich factor 1	0.422	0.0065554
1442214_at	NA	NA	0.422	0.0099705
1451845_a_at	Pthr2	peptidyl-tRNA hydrolase 2	0.422	0.0007027
1417606_a_at	Calr	calreticulin	0.422	0.0006321
1437456_x_at	Ythdf1	YTH domain family 1	0.422	0.0004996
1415890_at	Papss1	3-adenosine 5-phosphosulfate synthase 1	0.423	0.0006318
1416742_at	Cfdp1	craniofacial development protein 1	0.423	0.0006283
1424077_at	Gdpd1	glycerophosphodiester phosphodiesterase domain containing 1	0.423	0.0032322
1438018_at	Hook1	hook homolog 1 (Drosophila)	0.423	0.0013687
1437450_x_at	2700060E02Rik	RIKEN cDNA 2700060E02 gene	0.423	0.0005132
1428529_at	2810026P18Rik	RIKEN cDNA 2810026P18 gene	0.423	0.0004237
1428477_at	Elac2	elaC homolog 2 (E. coli)	0.423	0.0033022
1426118_a_at	Tomm40	translocase of outer mitochondrial membrane 40 homolog (yeast)	0.423	0.0176057
1417352_s_at	Snrpa1	small nuclear ribonucleoprotein polypeptide A	0.423	0.0032311
1417029_a_at	Trim2	tripartite motif-containing 2	0.423	0.0062223

1450969_at	Pccb	propionyl Coenzyme A carboxylase, beta polypeptide	0.423	0.0028732
1437398_a_at	Aldh9a1	aldehyde dehydrogenase 9, subfamily A1	0.423	0.0008138
1416566_at	Strap	serine/threonine kinase receptor associated protein	0.423	0.0007274
1423662_at	Atp6ap2	ATPase, H+ transporting, lysosomal accessory protein 2	0.423	0.0007457
1439464_s_at	Tex10	testis expressed gene 10	0.424	0.0009822
1451331_at	Ppp1r1b	protein phosphatase 1, regulatory (inhibitor) subunit 1B	0.424	0.0088898
1416205_at	Glb1	galactosidase, beta 1	0.424	0.0030708
1427027_a_at	Gtf3a	general transcription factor III A	0.424	0.0007701
1440715_s_at	Cdkn2aipnl	CDKN2A interacting protein N- terminal like	0.424	0.0018236
1428029_a_at	H2afv	H2A histone family, member V	0.424	0.0006905
1452171_at	Grwd1	glutamate-rich WD repeat containing 1	0.424	0.0044516
1449140_at	Nudcd2	NudC domain containing 2	0.424	0.0107153
1417242_at	Eif4a3	eukaryotic translation initiation factor 4A, isoform 3	0.424	0.0008272
1437843_s_at	Nupl1	nucleoporin like 1	0.425	0.0008749
1440584_at	9130221L21Rik	RIKEN cDNA 9130221L21 gene	0.425	0.0064053
1439526_at	NA	NA	0.425	0.0013109

1433447_x_at	Cct4	chaperonin containing Tcp1, subunit 4 (delta)	0.425	0.0006535
1448290_at	Reg3b	regenerating islet-derived 3 beta	0.425	0.0012276
1456698_s_at	Hnrpd1	heterogeneous nuclear ribonucleoprotein D-like	0.425	0.0016778
1437984_x_at	Bat1a	HLA-B-associated transcript 1A	0.425	0.0010668
1416556_at	Tspan31	tetraspanin 31	0.425	0.0017975
1428585_at	Actn1	actinin, alpha 1	0.425	0.0008673
1423649_at	Tmem68	transmembrane protein 68	0.426	0.00104
1438561_x_at	Tmem180	transmembrane protein 180	0.426	0.0013323
1438159_x_at	Ndufv2	NADH dehydrogenase (ubiquinone) flavoprotein 2	0.426	0.0020562
1456547_at	NA	NA	0.426	0.0021478
1436995_a_at	Rpl26	ribosomal protein L26	0.426	0.0005299
1416170_at	Trap1	TNF receptor-associated protein 1	0.427	0.0017794
1437511_x_at	Clcc1	chloride channel CLIC-like 1	0.427	0.0005363
1434870_at	2810004N23Rik	RIKEN cDNA 2810004N23 gene	0.427	0.0024431
1453728_a_at	Mrps17	mitochondrial ribosomal protein S17	0.428	0.000801
1434745_at	Ccnd2	cyclin D2	0.428	0.0008926
1416972_at	Nhp211	NHP2 non-histone chromosome protein 2-like 1 (<i>S. cerevisiae</i>)	0.428	0.0005594
1429984_at	5730455O13Rik	RIKEN cDNA 5730455O13 gene	0.428	0.0085281
1444858_at	NA	NA	0.428	0.0008817

1459143_at	Chchd3	coiled-coil-helix-coiled-coil-helix domain containing 3	0.428	0.0066308
1436390_a_at	Clcc1	chloride channel CLIC-like 1	0.428	0.0008561
1455643_s_at	Tsr1	TSR1, 20S rRNA accumulation, homolog (yeast)	0.428	0.0007708
1416161_at	Rad21	RAD21 homolog (S. pombe)	0.428	0.0005093
1435810_at	5730455O13Rik	RIKEN cDNA 5730455O13 gene	0.428	0.0023411
1423321_at	Myadm	myeloid-associated differentiation marker	0.428	0.0044645
1427547_a_at	Slc26a3	solute carrier family 26, member 3	0.428	0.0017678
1434744_at	Yrdc	yrnC domain containing (E.coli)	0.428	0.0006504
1423664_at	Qdpr	quinoid dihydropteridine reductase	0.428	0.0010865
1423767_at	Dpy30	dpy-30 homolog (C. elegans)	0.428	0.0009548
1460171_at	Cops5	COP9 (constitutive photomorphogenic) homolog, subunit 5 (Arabidopsis thaliana)	0.428	0.0009738
1427504_s_at	Sfrs2	splicing factor, arginine/serine-rich 2 (SC-35)	0.429	0.0012982
1419363_a_at	Mrpl35	mitochondrial ribosomal protein L35	0.429	0.0016826
1420622_a_at	Hspa8	heat shock protein 8	0.429	0.0009888

1416212_at	Magoh	mago-nashi homolog, proliferation-associated (Drosophila)	0.429	0.0007343
1423754_at	lfitm3	interferon induced transmembrane protein 3	0.429	0.0042188
1415699_a_at	Gps1	G protein pathway suppressor 1	0.429	0.0011955
1418655_at	B4galInt1	beta-1,4-N-acetyl-galactosaminyl transferase 1	0.429	0.0043103
1450903_at	Rad23b	RAD23b homolog (S. cerevisiae)	0.429	0.0035627
1438435_at	Phca	phytoceramidase, alkaline	0.429	0.0058333
1423160_at	Spred1	sprouty protein with EVH-1 domain 1, related sequence	0.430	0.0023754
1454814_s_at	AU021838	expressed sequence AU021838	0.430	0.0005578
1449004_at	Mrpl46	mitochondrial ribosomal protein L46	0.430	0.0006574
1442145_at	Atp13a3	ATPase type 13A3	0.430	0.0028444
1422547_at	Ranbp1	RAN binding protein 1	0.430	0.0100539
1423158_at	Gnpnat1	glucosamine-phosphate N-acetyltransferase 1	0.430	0.0073757
1441196_at	C230076A16Rik	RIKEN cDNA C230076A16 gene	0.430	0.0009967
1417615_a_at	Rpl11	ribosomal protein L11	0.430	0.0013322
1426669_at	C530044N13Rik	RIKEN cDNA C530044N13 gene	0.431	0.0010407
1453064_at	Etaa1	Ewing@#\$%&s tumor-associated antigen 1	0.431	0.0024397

1448517_at	Timm22	translocase of inner mitochondrial membrane 22 homolog (yeast)	0.431	0.0025699
1452674_a_at	Eif3k	eukaryotic translation initiation factor 3, subunit K	0.431	0.0007886
1459861_s_at	OTTMUSG00000006609	predicted gene, OTTMUSG00000006609	0.431	0.000846
1438291_x_at	OTTMUSG00000009529	predicted gene, OTTMUSG00000009529	0.431	0.0026362
1448157_s_at	Rpl10	ribosomal protein 10	0.431	0.0005439
1440816_x_at	Ddx1	DEAD (Asp-Glu-Ala-Asp) box polypeptide 1	0.432	0.0007762
1454795_at	Cobll1	Cobl-like 1	0.432	0.0010659
1460645_at	Chordc1	cysteine and histidine-rich domain (CHORD)-containing, zinc-binding protein 1	0.432	0.0006384
1417585_at	Nup210	nucleoporin 210	0.432	0.0030216
1451015_at	Tkt	transketolase	0.432	0.0015262
1433516_a_at	Myeov2	myeloma overexpressed 2	0.432	0.0006762
1446235_at	BC002199	cDNA sequence BC002199	0.433	0.0038143
1419154_at	Tmprss2	transmembrane protease, serine 2	0.433	0.0007187
1429681_a_at	Gpsn2	glycoprotein, synaptic 2	0.433	0.0109034
1416788_a_at	Idh3g	isocitrate dehydrogenase 3 (NAD+), gamma	0.433	0.0007146

1449855_s_at	Uchl3	ubiquitin carboxyl- terminal esterase L3 (ubiquitin thioesterase)	0.433	0.0010232
1435791_x_at	ENSMUSG0000 0066475	predicted gene, ENSMUSG0000 0066475	0.433	0.000619
1415754_at	Polr2f	polymerase (RNA) II (DNA directed) polypeptide F	0.434	0.0022578
1417998_at	Ptges3	prostaglandin E synthase 3 (cytosolic)	0.434	0.0008153
1448513_a_at	Npc2	Niemann Pick type C2	0.434	0.0006199
1415915_at	Ddx1	DEAD (Asp-Glu- Ala-Asp) box polypeptide 1	0.435	0.0011715
1451177_at	Dnajb4	DnaJ (Hsp40) homolog, subfamily B, member 4	0.435	0.0022034
1418137_at	Mrp63	mitochondrial ribosomal protein 63	0.435	0.0013022
1452791_at	Coq2	coenzyme Q2 homolog, prenyltransferase (yeast)	0.435	0.0009812
1423759_a_at	Tmco1	transmembrane and coiled-coil domains 1	0.436	0.0033467
1420150_at	Spsb1	splA/ryanodine receptor domain and SOCS box containing 1	0.436	0.0031082
1448103_s_at	Nono	non-POU- domain- containing, octamer binding protein	0.436	0.0009822
1434107_at	Spata2	spermatogenesis associated 2	0.436	0.0018258
1448229_s_at	Ccnd2	cyclin D2	0.436	0.001481
1416155_at	Hmgb3	high mobility group box 3	0.436	0.0064821

1423151_at	Dnajb11	DnaJ (Hsp40) homolog, subfamily B, member 11	0.436	0.0057771
1433878_at	Mrps26	mitochondrial ribosomal protein S26	0.436	0.0022151
1436838_x_at	Cot11	coactosin-like 1 (Dictyostelium)	0.437	0.0019346
1448896_at	Pigf	phosphatidylinositol glycan anchor biosynthesis, class F	0.437	0.0011679
1426555_at	Scpep1	serine carboxypeptidase 1	0.437	0.0097646
1421969_a_at	Faah	fatty acid amide hydrolase	0.437	0.0055731
1438429_at	2610319H10Rik	RIKEN cDNA 2610319H10 gene	0.437	0.0027503
1436898_at	Sfpq	splicing factor proline/glutamine rich (polypyrimidine tract binding protein associated)	0.437	0.0014917
1430043_at	Ttc19	tetratricopeptide repeat domain 19	0.437	0.001121
1417208_at	Amacr	alpha-methylacyl-CoA racemase	0.437	0.0012616
1434699_at	6030408C04Rik	RIKEN cDNA 6030408C04 gene	0.437	0.0048244
1452049_at	Rpl711	ribosomal protein L7-like 1	0.437	0.0024587
1431233_at	Cnm4	cyclin M4	0.437	0.0056864
1452671_s_at	Lman1	lectin, mannose-binding, 1	0.437	0.0013957
1428738_a_at	D14Ert449e	DNA segment, Chr 14, ERATO Doi 449, expressed	0.437	0.010451

1424291_at	Nup93	nucleoporin 93	0.438	0.0023058
1416756_at	Dnajb1	DnaJ (Hsp40) homolog, subfamily B, member 1	0.438	0.0021915
1437859_x_at	Eif5a	eukaryotic translation initiation factor 5A	0.438	0.0035236
1437706_x_at	Rps14	ribosomal protein S14	0.438	0.0007045
1440740_at	Ctdspl2	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase like 2	0.438	0.0011585
1447277_s_at	Pcyox1	prenylcysteine oxidase 1	0.438	0.0038809
1416570_s_at	Gfm1	G elongation factor, mitochondrial 1	0.438	0.0011706
1440354_at	Elov17	ELOVL family member 7, elongation of long chain fatty acids (yeast)	0.438	0.0110244
1416948_at	Mrpl23	mitochondrial ribosomal protein L23	0.439	0.0025112
1428390_at	Wdr43	WD repeat domain 43	0.439	0.0012632
1434978_at	4933403F05Rik	RIKEN cDNA 4933403F05 gene	0.439	0.0125349
1424968_at	2210023G05Rik	RIKEN cDNA 2210023G05 gene	0.439	0.0074717
1441894_s_at	Grasp	GRP1 (general receptor for phosphoinositides 1)-associated scaffold protein	0.439	0.0045638

1451356_at	Anp32e	acidic (leucine-rich) nuclear phosphoprotein 32 family, member E	0.439	0.00332
1426378_at	Eif4b	eukaryotic translation initiation factor 4B	0.439	0.000989
1422946_a_at	Dnmt1	DNA methyltransferase (cytosine-5) 1	0.440	0.0129288
1423747_a_at	Pdk1	pyruvate dehydrogenase kinase, isoenzyme 1	0.440	0.0012663
1426782_at	Gpr125	G protein-coupled receptor 125	0.440	0.0010953
1416877_a_at	Mrpl51	mitochondrial ribosomal protein L51	0.440	0.0009636
1456204_at	Snhg8	small nucleolar RNA host gene (non-protein coding) 8	0.440	0.0013058
1454956_at	Rps6kb1	ribosomal protein S6 kinase, polypeptide 1	0.440	0.0055439
1455283_x_at	Ndufs8	NADH dehydrogenase (ubiquinone) Fe-S protein 8	0.440	0.0009141
1452422_a_at	Snrpb2	U2 small nuclear ribonucleoprotein B	0.440	0.001043
1457717_at	AI987986	expressed sequence AI987986	0.440	0.0062914
1425196_a_at	Hint2	histidine triad nucleotide binding protein 2	0.440	0.0050901
1421557_x_at	Txn2	thioredoxin 2	0.440	0.0012893
1438665_at	Smpd3	sphingomyelin phosphodiesterase 3, neutral	0.440	0.0013656

1456013_x_at	Slc35a4	solute carrier family 35, member A4	0.440	0.0029212
1447854_s_at	Hist2h2be	histone cluster 2, H2be	0.440	0.0013275
1456730_x_at	Actl6a	actin-like 6A	0.441	0.0056592
1452184_at	Ndufb9	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9	0.441	0.0019121
1428706_at	Prr6	proline-rich polypeptide 6	0.441	0.002806
1455824_x_at	Stt3a	STT3, subunit of the oligosaccharyltransferase complex, homolog A (S. cerevisiae)	0.441	0.001656
1416709_a_at	Ngrn	neugrin, neurite outgrowth associated	0.441	0.0007744
1429381_x_at	Igh	immunoglobulin heavy chain complex	0.441	0.0097898
1428561_at	2610002J23Rik	RIKEN cDNA 2610002J23 gene	0.441	0.0010197
1429248_at	2810002N01Rik	RIKEN cDNA 2810002N01 gene	0.441	0.0006752
1423246_at	Txndc4	thioredoxin domain containing 4 (endoplasmic reticulum)	0.441	0.0030644
1435735_x_at	H47	histocompatibility 47	0.441	0.0009523
1428215_x_at	Tomm7	translocase of outer mitochondrial membrane 7 homolog (yeast)	0.441	0.0009775
1456695_x_at	Anapc5	anaphase-promoting complex subunit 5	0.442	0.0011164
1424697_at	Dtwd1	DTW domain containing 1	0.442	0.0036975
1433736_at	Hcfc1	host cell factor C1	0.442	0.0010659

1457991_at	NA	NA	0.442	0.0041963
1423795_at	Sfpq	splicing factor proline/glutamine rich (polypyrimidine tract binding protein associated)	0.442	0.0027973
1428254_at	Purb	purine rich element binding protein B	0.443	0.0008757
1419364_a_at	Rps7	ribosomal protein S7	0.443	0.0008736
1433547_s_at	Nudcd1	NudC domain containing 1	0.443	0.0011316
1451555_at	Nln	neurolysin (metallopeptidase M3 family)	0.443	0.0007272
1451989_a_at	Mapre2	microtubule-associated protein, RP/EB family, member 2	0.443	0.00081
1435725_x_at	Rpl12	ribosomal protein L12	0.443	0.002142
1419105_at	Nr1h4	nuclear receptor subfamily 1, group H, member 4	0.443	0.0014771
1420129_s_at	D10Wsu52e	DNA segment, Chr 10, Wayne State University 52, expressed	0.443	0.0019743
1416312_at	Rars	arginyl-tRNA synthetase	0.443	0.0008584
1442811_at	Rgmb	RGM domain family, member B	0.443	0.0031788
1428302_at	Mrpl48	mitochondrial ribosomal protein L48	0.443	0.0055181
1430053_a_at	Ola1	Obg-like ATPase 1	0.443	0.0033137
1437280_s_at	Serbp1	Serpine1 mRNA binding protein 1	0.443	0.0007432
1455364_a_at	Rps7	ribosomal protein S7	0.444	0.0022239
1443231_at	NA	NA	0.444	0.0013454
1422452_at	Bag3	BCL2-associated athanogene 3	0.444	0.0026221

1454904_at	Mtm1	X-linked myotubular myopathy gene 1	0.444	0.0205485
1458409_at	C86595	expressed sequence C86595	0.444	0.0062301
1432372_a_at	Spr	sepiapterin reductase	0.444	0.0008296
1419583_at	Cbx4	chromobox homolog 4 (Drosophila Pc class)	0.444	0.0065737
1423223_a_at	Prdx6	peroxiredoxin 6	0.444	0.001356
1428557_a_at	Osgepl1	O-sialoglycoprotein endopeptidase-like 1	0.445	0.0049936
1437838_x_at	Grsf1	G-rich RNA sequence binding factor 1	0.445	0.0009926
1426473_at	Dnajc9	DnaJ (Hsp40) homolog, subfamily C, member 9	0.445	0.0010905
1418119_at	Rbm8a	RNA binding motif protein 8a	0.445	0.0012217
1423295_at	Tm9sf2	transmembrane 9 superfamily member 2	0.445	0.0017795
1430020_x_at	Hnrnpa1	heterogeneous nuclear ribonucleoprotein A1	0.445	0.0011351
1448154_at	Ndrp2	N-myc downstream regulated gene 2	0.445	0.0016933
1435966_x_at	Mrpl13	mitochondrial ribosomal protein L13	0.445	0.0020025
1416038_at	Snd1	staphylococcal nuclease and tudor domain containing 1	0.446	0.0180484
1448677_at	Cox4nb	COX4 neighbor	0.446	0.0018346
1448109_a_at	Rpl26	ribosomal protein L26	0.447	0.0008519

1456209_x_at	NA	NA	0.447	0.0139585
1436762_x_at	Elp3	elongation protein 3 homolog (S. cerevisiae)	0.447	0.0010934
1452985_at	Uaca	uveal autoantigen with coiled-coil domains and ankyrin repeats	0.447	0.000785
1448536_at	Lsm3	LSM3 homolog, U6 small nuclear RNA associated (S. cerevisiae)	0.447	0.0014225
1438495_at	Top1	topoisomerase (DNA) I	0.447	0.0012142
1428232_at	Cpsf6	cleavage and polyadenylation specific factor 6	0.447	0.0009643
1423741_at	Rbm10	RNA binding motif protein 10	0.447	0.0018265
1424465_at	Ccdc58	coiled-coil domain containing 58	0.447	0.003502
1454698_at	Ptplad1	protein tyrosine phosphatase-like A domain containing 1	0.447	0.0011213
1451140_s_at	Prkag2	protein kinase, AMP-activated, gamma 2 non-catalytic subunit	0.447	0.00145
1442793_s_at	Tbrg4	transforming growth factor beta regulated gene 4	0.447	0.0011187
1437413_x_at	Rps29	ribosomal protein S29	0.447	0.0007599
1416755_at	Dnajb1	DnaJ (Hsp40) homolog, subfamily B, member 1	0.447	0.001142
1422849_a_at	Pabpn1	poly(A) binding protein, nuclear 1	0.448	0.0028813

1438462_x_at	Khdrbs1	KH domain containing, RNA binding, signal transduction associated 1	0.448	0.0019845
1452691_at	Rbm17	RNA binding motif protein 17	0.448	0.0009437
1426613_a_at	Snrpb2	U2 small nuclear ribonucleoprotein B	0.448	0.0018902
1437337_x_at	Fuk	fucokinase	0.448	0.0011654
1453634_a_at	Erp29	endoplasmic reticulum protein 29	0.448	0.0034881
1460676_at	Josd1	Josephin domain containing 1	0.449	0.0037094
1434890_at	Opa1	optic atrophy 1 homolog (human)	0.449	0.0008183
1453840_at	Pabpc1	poly A binding protein, cytoplasmic 1	0.449	0.0011388
1452838_at	Ddx10	DEAD (Asp-Glu-Ala-Asp) box polypeptide 10	0.449	0.0019948
1452257_at	Bdh1	3-hydroxybutyrate dehydrogenase, type 1	0.449	0.0014502
1416099_at	Rpl27	ribosomal protein L27	0.449	0.0026395
1415704_a_at	Cdv3	carnitine deficiency-associated gene expressed in ventricle 3	0.449	0.001542
1416669_s_at	Naca	nascent polypeptide-associated complex alpha polypeptide	0.449	0.0010668
1417663_a_at	Ndr3	N-myc downstream regulated gene 3	0.450	0.0020368

1448283_a_at	Uba2	ubiquitin-like modifier activating enzyme 2	0.450	0.0012036
1416420_a_at	Rpl9	ribosomal protein L9	0.450	0.0007967
1427895_at	2310004N24Rik	RIKEN cDNA 2310004N24 gene	0.450	0.0037878
1441677_at	NA	NA	0.450	0.0021906
1434376_at	Cd44	CD44 antigen	0.450	0.0020584
1458341_x_at	NA	NA	0.451	0.0015762
1434986_a_at	Sec61a1	Sec61 alpha 1 subunit (S. cerevisiae)	0.451	0.005338
1440522_at	ENSMUSG0000073019	predicted gene, ENSMUSG0000073019	0.451	0.0017848
1431776_at	Tob2	transducer of ERBB2, 2	0.451	0.019146
1422613_a_at	Rpl7a	ribosomal protein L7a	0.451	0.0012232
1424033_at	Sfrs7	splicing factor, arginine/serine-rich 7	0.451	0.0029058
1452861_at	2010300C02Rik	RIKEN cDNA 2010300C02 gene	0.451	0.0017604
1419741_at	Supt16h	suppressor of Ty 16 homolog (S. cerevisiae)	0.451	0.0033522
1434386_at	Atp2c1	ATPase, Ca ⁺⁺ -sequestering	0.452	0.0063605
1420930_s_at	Ctnnal1	catenin (cadherin associated protein), alpha-like 1	0.452	0.0046812
1455981_at	Rps6	ribosomal protein S6	0.452	0.001315
1452692_a_at	Ndufv2	NADH dehydrogenase (ubiquinone) flavoprotein 2	0.452	0.0008322
1437085_at	D630039A03Rik	RIKEN cDNA D630039A03 gene	0.452	0.0025615
1452662_a_at	Eif2s1	eukaryotic translation initiation factor 2, subunit 1 alpha	0.452	0.0044845

1416442_at	Ier2	immediate early response 2	0.452	0.0030822
1435855_x_at	Aldh18a1	aldehyde dehydrogenase 18 family, member A1	0.452	0.0042184
1435369_at	Ubox5	U box domain containing 5	0.452	0.0011147
1438278_a_at	BC003993	cDNA sequence BC003993	0.453	0.0038531
1456176_x_at	Slc25a39	solute carrier family 25, member 39	0.453	0.0012322
1443881_at	Pofut1	protein O-fucosyltransferase 1	0.453	0.0046937
1434941_s_at	Esf1	ESF1, nucleolar pre-rRNA processing protein, homolog (S. cerevisiae)	0.453	0.0011969
1434971_x_at	Mrpl15	mitochondrial ribosomal protein L15	0.453	0.0022428
1435008_at	Slc9a6	solute carrier family 9 (sodium/hydrogen exchanger), member 6	0.453	0.0012442
1428374_at	Glce	glucuronyl C5-epimerase	0.453	0.0025849
1426402_at	Syncrip	synaptotagmin binding, cytoplasmic RNA interacting protein	0.453	0.0030048
1423727_at	Cnih	cornichon homolog (Drosophila)	0.453	0.0022633
1429599_a_at	1110019K23Rik	RIKEN cDNA 1110019K23 gene	0.453	0.0053
1416496_at	Mrfap1	Morf4 family associated protein 1	0.454	0.0009225
1421820_a_at	Nf2	neurofibromatosis 2	0.454	0.0046098

1433679_at	Fubp3	far upstream element (FUSE) binding protein 3	0.454	0.0014533
1460672_at	2410002F23Rik	RIKEN cDNA 2410002F23 gene	0.454	0.0052069
1459360_at	NA	NA	0.454	0.0024074
1428619_at	2310005N03Rik	RIKEN cDNA 2310005N03 gene	0.454	0.0013431
1452592_at	Mgst2	microsomal glutathione S-transferase 2	0.455	0.0008792
1451265_at	Ccdc115	coiled-coil domain containing 115	0.455	0.0106406
1456314_x_at	Cdk2ap1	CDK2 (cyclin-dependent kinase 2)-associated protein 1	0.455	0.001212
1430134_a_at	Yars2	tyrosyl-tRNA synthetase 2 (mitochondrial)	0.455	0.0052588
1434390_at	AI503316	expressed sequence AI503316	0.455	0.0078508
1452050_at	Camk1d	calcium/calmodulin-dependent protein kinase ID	0.455	0.0025528
1417287_at	H13	histocompatibility 13	0.456	0.0084695
1416393_at	Emg1	EMG1 nucleolar protein homolog (S. cerevisiae)	0.456	0.0016176
1433880_at	Dnajc11	DnaJ (Hsp40) homolog, subfamily C, member 11	0.456	0.0059458
1434842_s_at	Upf3b	UPF3 regulator of nonsense transcripts homolog B (yeast)	0.456	0.0012193

1435509_x_at	LOC100047490	similar to putative oral cancer suppressor	0.457	0.0010179
1420642_a_at	2010100O12Rik	RIKEN cDNA 2010100O12 gene	0.457	0.0010566
1428248_at	Nfx1	nuclear transcription factor, X-box binding 1	0.457	0.0010649
1428352_at	Arrdc2	arrestin domain containing 2	0.457	0.0012149
1423737_at	Ndufs3	NADH dehydrogenase (ubiquinone) Fe-S protein 3	0.457	0.0013225
1424736_at	Eef2	eukaryotic translation elongation factor 2	0.458	0.0033891
1426453_at	Pitrm1	pitrilysin metallopeptidase 1	0.458	0.0021553
1448324_at	Rnps1	ribonucleic acid binding protein S1	0.458	0.0038145
1457675_at	2510002D24Rik	RIKEN cDNA 2510002D24 gene	0.458	0.0040632
1455046_a_at	Pogz	pogo transposable element with ZNF domain	0.458	0.0010734
1433480_at	2900010J23Rik	RIKEN cDNA 2900010J23 gene	0.459	0.0029601
1417608_a_at	Rpl13a	ribosomal protein L13a	0.459	0.0040233
1417339_a_at	Dynll1	dynein light chain LC8-type 1	0.459	0.0012951
1427011_a_at	Lancl1	LanC (bacterial lantibiotic synthetase component C)-like 1	0.459	0.0012137
1451049_at	Bcap31	B-cell receptor-associated protein 31	0.460	0.0033261
1421950_at	Pfdn2	prefoldin 2	0.460	0.0235344

1453111_a_at	Slc25a39	solute carrier family 25, member 39	0.460	0.0055726
1428593_at	1700029F09Rik	RIKEN cDNA 1700029F09 gene	0.460	0.003916
1435630_s_at	Acat2	acetyl-Coenzyme A acetyltransferase 2	0.460	0.0016502
1454860_x_at	Dad1	defender against cell death 1	0.460	0.0021679
1418512_at	Stk3	serine/threonine kinase 3 (Ste20, yeast homolog)	0.460	0.0026591
1438459_x_at	Sfpq	splicing factor proline/glutamine rich (polypyrimidine tract binding protein associated)	0.460	0.0012925
1416751_a_at	Ddx20	DEAD (Asp-Glu-Ala-Asp) box polypeptide 20	0.461	0.0061072
1435139_at	Narg1	NMDA receptor-regulated gene 1	0.461	0.0063335
1427042_at	Mal2	mal, T-cell differentiation protein 2	0.461	0.0020591
1454760_at	Htatsf1	HIV TAT specific factor 1	0.461	0.0015606
1417538_at	Slc35a1	solute carrier family 35 (CMP-sialic acid transporter), member 1	0.461	0.0028858
1437543_at	Fubp1	far upstream element (FUSE) binding protein 1	0.461	0.0017585
1434688_x_at	Drg1	developmentally regulated GTP binding protein 1	0.462	0.0012504
1441477_at	Calu	calumenin	0.462	0.0072113

1423831_at	Prkag2	protein kinase, AMP-activated, gamma 2 non-catalytic subunit	0.462	0.0069268
1439410_x_at	Slc25a39	solute carrier family 25, member 39	0.462	0.0033292
1417612_at	Ier5	immediate early response 5	0.462	0.0043245
1442338_at	NA	NA	0.462	0.0017845
1448542_at	Bccip	BRCA2 and CDKN1A interacting protein	0.462	0.004078
1447174_at	NA	NA	0.463	0.0052455
1448786_at	1100001H23Rik	RIKEN cDNA 1100001H23 gene	0.463	0.0010574
1418128_at	Adcy6	adenylate cyclase 6	0.463	0.0014102
1456542_s_at	Qrsl1	glutamyl-tRNA synthase (glutamine-hydrolyzing)-like 1	0.463	0.0012091
1435127_a_at	Osgepl1	O-sialoglycoprotein endopeptidase-like 1	0.463	0.0027677
1416850_s_at	Cisd1	CDGSH iron sulfur domain 1	0.463	0.001338
1415813_at	Api5	apoptosis inhibitor 5	0.463	0.0013221
1443843_x_at	NA	NA	0.463	0.0012993
1423784_at	Gars	glycyl-tRNA synthetase	0.463	0.0013634
1432332_a_at	Nudt19	nudix (nucleoside diphosphate linked moiety X)-type motif 19	0.463	0.0027033
1433854_at	Tmem164	transmembrane protein 164	0.463	0.0159907
1434120_a_at	Metap2	methionine aminopeptidase 2	0.464	0.0013136

1452367_at	Coro2a	coronin, actin binding protein 2A	0.464	0.0020621
1423839_a_at	Btf3	basic transcription factor 3	0.464	0.0020215
1415867_at	Cct4	chaperonin containing Tcp1, subunit 4 (delta)	0.464	0.0021885
1417594_at	Gkap1	G kinase anchoring protein 1	0.464	0.0124942
1434732_x_at	Tomm7	translocase of outer mitochondrial membrane 7 homolog (yeast)	0.464	0.0019398
1424696_at	Gpr89	G protein-coupled receptor 89	0.464	0.001709
1437565_a_at	Gnl2	guanine nucleotide binding protein-like 2 (nucleolar)	0.464	0.0013881
1422533_at	Cyp51	cytochrome P450, family 51	0.465	0.0018232
1450866_a_at	Mrpl17	mitochondrial ribosomal protein L17	0.465	0.0040114
1449491_at	Card10	caspase recruitment domain family, member 10	0.465	0.0041865
1417530_a_at	Srp9	signal recognition particle 9	0.465	0.0016126
1423423_at	Pdia3	protein disulfide isomerase associated 3	0.465	0.0091452
1456689_at	Rnf10	ring finger protein 10	0.465	0.0031193
1424075_at	9430016H08Rik	RIKEN cDNA 9430016H08 gene	0.465	0.0057383
1433520_at	Scap	SREBF chaperone	0.465	0.004925
1423811_at	Sf3a3	splicing factor 3a, subunit 3	0.465	0.0058045

1423450_a_at	Hs3st1	heparan sulfate (glucosamine) 3-O-sulfotransferase 1	0.465	0.0019545
1423621_a_at	Slc33a1	solute carrier family 33 (acetyl-CoA transporter), member 1	0.466	0.0021857
1438127_at	LOC552906	hypothetical LOC552906	0.466	0.001163
1433457_s_at	Grsf1	G-rich RNA sequence binding factor 1	0.466	0.0031511
1449773_s_at	Gadd45b	growth arrest and DNA-damage-inducible 45 beta	0.466	0.0051194
1420488_at	Mrps14	mitochondrial ribosomal protein S14	0.466	0.0082869
1423760_at	Cd44	CD44 antigen	0.467	0.0057338
1448148_at	Grn	granulin	0.467	0.0019031
1450880_at	Mrpl16	mitochondrial ribosomal protein L16	0.467	0.0028496
1448102_a_at	Wdr61	WD repeat domain 61	0.467	0.0019823
1434823_x_at	Myeov2	myeloma overexpressed 2	0.467	0.0013497
1436586_x_at	Rps14	ribosomal protein S14	0.467	0.0013302
1431510_s_at	Cmc1	COX assembly mitochondrial protein homolog (S. cerevisiae)	0.467	0.0019323
1455323_at	Rbak	RB-associated KRAB repressor	0.467	0.0074612
1424045_at	5730437N04Rik	RIKEN cDNA 5730437N04 gene	0.467	0.0036548
1424366_at	Dolk	dolichol kinase	0.467	0.0046508
1436034_at	Cep68	centrosomal protein 68	0.467	0.0119378

1450133_at	Ugt2a3	UDP glucuronosyltransferase 2 family, polypeptide A3	0.467	0.0047477
1435485_at	C230096C10Rik	RIKEN cDNA C230096C10 gene	0.467	0.0053715
1423264_at	Bop1	block of proliferation 1	0.468	0.0023585
1449480_at	Sap18	Sin3-associated polypeptide 18	0.468	0.004747
1426744_at	Srebf2	sterol regulatory element binding factor 2	0.468	0.0032845
1448176_a_at	Hnrnpk	heterogeneous nuclear ribonucleoprotein K	0.468	0.0017557
1427981_a_at	Csad	cysteine sulfinic acid decarboxylase	0.468	0.0054178
1424517_at	Ccdc12	coiled-coil domain containing 12	0.468	0.0223863
1455546_s_at	Sf3a2	splicing factor 3a, subunit 2	0.468	0.0039456
1424136_a_at	Ppih	peptidyl prolyl isomerase H	0.468	0.0097554
1424370_s_at	Psmf1	proteasome (prosome, macropain) inhibitor subunit 1	0.468	0.0067178
1422500_at	ldh3a	isocitrate dehydrogenase 3 (NAD+) alpha	0.468	0.0229236
1433799_at	Rdh13	retinol dehydrogenase 13 (all-trans and 9-cis)	0.468	0.0072826
1450848_at	Dap3	death associated protein 3	0.468	0.0012317
1434977_at	4933403F05Rik	RIKEN cDNA 4933403F05 gene	0.468	0.0182979
1417684_at	Thumpd3	THUMP domain containing 3	0.468	0.001672

1420679_a_at	Aig1	androgen-induced 1	0.468	0.0039188
1429809_at	Tmtc2	transmembrane and tetratricopeptide repeat containing 2	0.468	0.0033205
1417138_s_at	Polr2e	polymerase (RNA) II (DNA directed) polypeptide E	0.469	0.0028166
1452146_a_at	Cox15	COX15 homolog, cytochrome c oxidase assembly protein (yeast)	0.469	0.0023379
1434972_x_at	Sfrs1	splicing factor, arginine/serine-rich 1 (ASF/SF2)	0.469	0.0025772
1434548_at	Serinc3	serine incorporator 3	0.469	0.0017471
1416928_at	Rbm12	RNA binding motif protein 12	0.469	0.0016982
1416766_at	Mosc2	MOCO sulphurase C-terminal domain containing 2	0.470	0.0023394
1416910_at	Dnajc15	DnaJ (Hsp40) homolog, subfamily C, member 15	0.470	0.0023502
1437916_at	NA	NA	0.470	0.0295995
1425494_s_at	Bmpr1a	bone morphogenetic protein receptor, type 1A	0.470	0.0019686
1450894_a_at	Ap2m1	adaptor protein complex AP-2, mu1	0.470	0.0044145
1455550_x_at	Serinc3	serine incorporator 3	0.470	0.0012604
1434437_x_at	Rrm2	ribonucleotide reductase M2	0.471	0.005353
1428244_at	Larp1	La ribonucleoprotein domain family, member 1	0.471	0.002229

1425498_at	Prpf4b	PRP4 pre-mRNA processing factor 4 homolog B (yeast)	0.471	0.0015715
1423416_at	Smarcc1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1	0.471	0.0016625
1448344_at	Rps12	ribosomal protein S12	0.471	0.0093729
1454971_x_at	Tsc22d1	TSC22 domain family, member 1	0.471	0.0018586
1451068_s_at	Rps25	ribosomal protein S25	0.471	0.0021128
1427990_at	Usp45	ubiquitin specific peptidase 45	0.471	0.0043151
1417929_at	Slc7a8	solute carrier family 7 (cationic amino acid transporter, y+ system), member 8	0.471	0.0132871
1426709_a_at	Usp33	ubiquitin specific peptidase 33	0.472	0.0023965
1428554_a_at	1810035L17Rik	RIKEN cDNA 1810035L17 gene	0.472	0.0027519
1439438_a_at	EG625193	predicted gene, EG625193	0.472	0.0013321
1424545_at	BC003965	cDNA sequence BC003965	0.472	0.0021982
1424266_s_at	AU018778	expressed sequence AU018778	0.472	0.003233
1428795_at	1110021L09Rik	RIKEN cDNA 1110021L09 gene	0.472	0.0019577
1416557_a_at	Eftud2	elongation factor Tu GTP binding domain containing 2	0.472	0.0020256

1423982_at	Fusip1	FUS interacting protein (serine-arginine rich) 1	0.472	0.0037798
1417344_at	2900064A13Rik	RIKEN cDNA 2900064A13 gene	0.472	0.0023416
1417075_at	2010309E21Rik	RIKEN cDNA 2010309E21 gene	0.473	0.0074712
1440536_at	NA	NA	0.473	0.0169021
1451296_x_at	Pabpc4	poly A binding protein, cytoplasmic 4	0.473	0.0022455
1456236_s_at	Commd10	COMM domain containing 10	0.473	0.0020052
1427875_a_at	ENSMUSG00000068396	predicted gene, ENSMUSG00000068396	0.473	0.0021961
1437164_x_at	Atp5o	ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit	0.473	0.00214
1427965_at	Ssbp1	single-stranded DNA binding protein 1	0.473	0.0106272
1434317_s_at	Tex10	testis expressed gene 10	0.474	0.0015339
1423455_at	ENSMUSG00000068659	predicted gene, ENSMUSG00000068659	0.474	0.0052201
1417966_at	Mrpl39	mitochondrial ribosomal protein L39	0.474	0.0021037
1456253_s_at	Plekhn1	pleckstrin homology domain containing, family N member 1	0.474	0.0057741
1450699_at	Selenbp1	selenium binding protein 1	0.474	0.0039433
1426015_s_at	Asph	aspartate-beta-hydroxylase	0.474	0.0038249
1435733_x_at	Rnaseh2c	ribonuclease H2, subunit C	0.474	0.0055821

1450690_at	Ranbp2	RAN binding protein 2	0.475	0.0032834
1447754_x_at	Thap4	THAP domain containing 4	0.475	0.0034398
1450911_at	Ppib	peptidylprolyl isomerase B	0.475	0.0030658
1423684_at	Hnrnpk	heterogeneous nuclear ribonucleoprotein K	0.475	0.0019849
1440925_at	NA	NA	0.475	0.0096554
1427131_s_at	Lrrc58	leucine rich repeat containing 58	0.475	0.0041953
1423818_a_at	Arl6ip1	ADP-ribosylation factor-like 6 interacting protein 1	0.475	0.005032
1448641_at	Mbtd1	mbt domain containing 1	0.475	0.0020063
1452782_a_at	Txn2	thioredoxin 2	0.475	0.006407
1430717_at	4930403C10Rik	RIKEN cDNA 4930403C10 gene	0.476	0.0032647
1415807_s_at	Sfrs2	splicing factor, arginine/serine-rich 2 (SC-35)	0.476	0.0015469
1416906_at	Anapc5	anaphase-promoting complex subunit 5	0.476	0.0109482
1448238_at	2700060E02Rik	RIKEN cDNA 2700060E02 gene	0.476	0.0016867
1415817_s_at	Cct7	chaperonin containing Tcp1, subunit 7 (eta)	0.476	0.0052821
1424383_at	Tmem51	transmembrane protein 51	0.477	0.0020743
1416509_at	Tm9sf3	transmembrane 9 superfamily member 3	0.477	0.0031727
1448791_at	Snx5	sorting nexin 5	0.478	0.0016937

		SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily b, member 1		
1416045_a_at	Smarcb1		0.478	0.0027578
1441479_at	NA	NA	0.478	0.0032969
1451229_at	Hdac11	histone deacetylase 11	0.478	0.012707
1449363_at	Atf3	activating transcription factor 3	0.478	0.0075352
1448802_at	Nufip1	nuclear fragile X mental retardation protein interacting protein 1	0.478	0.0028039
1419638_at	Efnb2	ephrin B2	0.478	0.0039624
1416251_at	Mcm6	minichromosome maintenance deficient 6 (MIS5 homolog, S. pombe) (S. cerevisiae)	0.478	0.0023356
1452052_s_at	Eif3j	eukaryotic translation initiation factor 3, subunit J	0.478	0.002444
1448589_at	Ndufb5	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5	0.478	0.0060163
1429254_at	Aqp11	aquaporin 11	0.478	0.0067395
1448166_a_at	Psmb1	proteasome (prosome, macropain) subunit, beta type 1	0.478	0.0016562
1448586_at	Hspa14	heat shock protein 14	0.479	0.0050182
1426643_at	Elp3	elongation protein 3 homolog (S. cerevisiae)	0.479	0.0023181
1415979_x_at	Rpl7	ribosomal protein L7	0.479	0.0017212

1456955_at	NA	NA	0.479	0.0037452
1440220_at	NA	NA	0.479	0.0089953
1415858_at	Eif3c	eukaryotic translation initiation factor 3, subunit C	0.479	0.002807
1418624_at	Ybx1	Y box protein 1	0.479	0.0028652
1421267_a_at	Cited2	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2	0.479	0.039761
1420089_at	Nfkbia	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha	0.479	0.0126398
1456702_x_at	Mat2a	methionine adenosyltransferase II, alpha	0.479	0.0040562
1417139_at	Dsn1	DSN1, MIND kinetochore complex component, homolog (S. cerevisiae)	0.479	0.0073118
1435995_at	Mrpl22	mitochondrial ribosomal protein L22	0.479	0.0021452
1417044_at	Lcmt1	leucine carboxyl methyltransferase 1	0.479	0.0016427
1455011_at	Stard4	StAR-related lipid transfer (START) domain containing 4	0.480	0.0024464
1438948_x_at	Tspo	translocator protein	0.480	0.0017252
1438644_x_at	Comm9	COMM domain containing 9	0.480	0.0034814
1426394_at	Eif3j	eukaryotic translation initiation factor 3, subunit J	0.480	0.0034567
1456738_s_at	Brp16	brain protein 16	0.480	0.0025415

1429737_a_at	CrIs1	cardiolipin synthase 1	0.480	0.0045433
1417078_at	Lgals2	lectin, galactose-binding, soluble 2	0.480	0.0039891
1437797_at	Atp2a2	ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2	0.480	0.00338
1418522_at	Mtx1	metaxin 1	0.480	0.0045536
1416189_a_at	Sec61a1	Sec61 alpha 1 subunit (S. cerevisiae)	0.480	0.0022863
1420093_s_at	Hnrpd1	heterogeneous nuclear ribonucleoprotein D-like	0.481	0.0021724
1423744_x_at	Eif2s3x	eukaryotic translation initiation factor 2, subunit 3, structural gene X-linked	0.481	0.003517
1429458_at	2410127L17Rik	RIKEN cDNA 2410127L17 gene	0.481	0.0024753
1448465_at	Nipsnap1	4-nitrophenylphosphatase domain and non-neuronal SNAP25-like protein homolog 1 (C. elegans)	0.481	0.0038926
1437783_x_at	Cnpy2	canopy 2 homolog (zebrafish)	0.481	0.0016511
1456107_x_at	Eftud2	elongation factor Tu GTP binding domain containing 2	0.482	0.0023951
1441866_s_at	Ptdss1	phosphatidylserine synthase 1	0.482	0.0016274
1424202_at	Seh1l	SEH1-like (S. cerevisiae)	0.482	0.0105478
1429539_at	Bcl2l13	BCL2-like 13 (apoptosis facilitator)	0.482	0.0065371

1416367_at	1110001J03Rik	RIKEN cDNA 1110001J03 gene	0.482	0.0033495
1423215_at	Spcs2	signal peptidase complex subunit 2 homolog (S. cerevisiae)	0.482	0.0070475
1416056_a_at	Ndufb11	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 11	0.482	0.0023595
1449039_a_at	Hnrpd1	heterogeneous nuclear ribonucleoprotei n D-like	0.482	0.0016746
1423131_at	5730427N09Rik	RIKEN cDNA 5730427N09 gene	0.482	0.0091983
1424170_at	Phf5a	PHD finger protein 5A	0.482	0.0029951
1420760_s_at	Ndrp1	N-myc downstream regulated gene 1	0.482	0.0045139
1423156_at	Gnpnat1	glucosamine- phosphate N- acetyltransferas e 1	0.482	0.0021153
1460551_at	Ran	RAN, member RAS oncogene family	0.483	0.0022434
1460211_a_at	Kdelr1	KDEL (Lys-Asp- Glu-Leu) endoplasmic reticulum protein retention receptor 1	0.483	0.0028382
1426572_at	Me2	malic enzyme 2, NAD(+)- dependent, mitochondrial	0.483	0.0030075
1449056_at	E330009J07Rik	RIKEN cDNA E330009J07 gene	0.483	0.0033578
1451259_at	Rexo2	REX2, RNA exonuclease 2 homolog (S. cerevisiae)	0.483	0.002104

1448144_at	Hnrnpab	heterogeneous nuclear ribonucleoprotein A/B	0.483	0.0052193
1415740_at	Psmc5	protease (prosome, macropain) 26S subunit, ATPase 5	0.484	0.0028112
1420368_at	Denr	density-regulated protein	0.484	0.002837
1453983_a_at	Mett10d	methyltransferase 10 domain containing	0.484	0.0069821
1460703_at	Ascc1	activating signal cointegrator 1 complex subunit 1	0.484	0.0090803
1417294_at	Akr7a5	aldo-keto reductase family 7, member A5 (aflatoxin aldehyde reductase)	0.484	0.0048581
1443546_at	NA	NA	0.484	0.0045067
1424716_at	Retsat	retinol saturase (all trans retinol 13,14 reductase)	0.484	0.0127201
1434690_at	Lycat	lysocardiolipin acyltransferase	0.484	0.0053941
1448268_at	Tmed9	transmembrane emp24 protein transport domain containing 9	0.485	0.0019514
1437489_x_at	Sdhd	succinate dehydrogenase complex, subunit D, integral membrane protein	0.485	0.0045399
1421813_a_at	Psap	prosaposin	0.485	0.0037352
1448318_at	Adfp	adipose differentiation related protein	0.485	0.0041996

1448704_s_at	H47	histocompatibility 47	0.485	0.0028347
1444472_at	NA	NA	0.486	0.0056547
1423820_at	Elof1	elongation factor 1 homolog (ELF1, S. cerevisiae)	0.486	0.0043733
1434514_at	Rbm15	RNA binding motif protein 15	0.486	0.0052738
1423317_at	3110001D03Rik	RIKEN cDNA 3110001D03 gene	0.486	0.0029618
1428068_at	Samm50	sorting and assembly machinery component 50 homolog (S. cerevisiae)	0.486	0.0046407
1434395_at	Man1a2	mannosidase, alpha, class 1A, member 2	0.486	0.0092039
1454888_at	Pfdn4	prefoldin 4	0.486	0.0035702
1423589_at	Arpc4	actin related protein 2/3 complex, subunit 4	0.486	0.0095942
1452359_at	Rell1	RELT-like 1	0.487	0.0056835
1428996_at	4833426J09Rik	RIKEN cDNA 4833426J09 gene	0.487	0.0090206
1460737_at	Igbp1	immunoglobulin (CD79A) binding protein 1	0.487	0.0033956
1416696_at	D17Wsu104e	DNA segment, Chr 17, Wayne State University 104, expressed	0.487	0.0080203
1454843_at	Prps2	phosphoribosyl pyrophosphate synthetase 2	0.487	0.0037258
1416400_at	Pycrl	pyrroline-5-carboxylate reductase-like	0.487	0.0063309
1452313_at	5930416119Rik	RIKEN cDNA 5930416119 gene	0.487	0.0103196
1418869_a_at	Pus1	pseudouridine synthase 1	0.487	0.0074203

1438816_at	Ahctf1	AT hook containing transcription factor 1	0.487	0.0029666
1416185_a_at	Adh5	alcohol dehydrogenase 5 (class III), chi polypeptide	0.487	0.0029861
1422778_at	Taf9	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor	0.487	0.0036965
1433746_at	Wdr3	WD repeat domain 3	0.487	0.0018467
1425364_a_at	Slc3a2	solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2	0.487	0.0032125
1434266_at	AI847670	expressed sequence AI847670	0.488	0.0044707
1428326_s_at	Hrsp12	heat-responsive protein 12	0.488	0.0054319
1448361_at	Ttc3	tetratricopeptide repeat domain 3	0.488	0.0026895
1460175_at	Rps23	ribosomal protein S23	0.488	0.0024763
1431537_at	2010001E11Rik	RIKEN cDNA 2010001E11 gene	0.488	0.0024679
1426265_x_at	Dlat	dihydrolipoamide S-acetyltransferase (E2 component of pyruvate dehydrogenase complex)	0.488	0.0083184
1428635_at	Comtd1	catechol-O-methyltransferase domain containing 1	0.489	0.0039287

1429239_a_at	Stard4	StAR-related lipid transfer (START) domain containing 4	0.489	0.0028371
1424489_a_at	Trit1	tRNA isopentenyltransferase 1	0.489	0.0024548
1455869_at	NA	NA	0.489	0.0047976
1452157_at	Eprs	glutamyl-prolyl-tRNA synthetase	0.489	0.0058291
1448666_s_at	Tob2	transducer of ERBB2, 2	0.489	0.002343
1428680_at	Cds1	CDP-diacylglycerol synthase 1	0.489	0.0033893
1420000_s_at	Igbp1	immunoglobulin (CD79A) binding protein 1	0.489	0.0020149
1427720_a_at	Rrp1	ribosomal RNA processing 1 homolog (S. cerevisiae)	0.489	0.0046842
1457867_at	Sgpp2	sphingosine-1-phosphate phosphatase 2	0.489	0.0043888
1434807_s_at	Mtx3	metaxin 3	0.489	0.0034805
1434418_at	Lass6	LAG1 homolog, ceramide synthase 6	0.489	0.0027908
1424990_at	Orai1	ORAI calcium release-activated calcium modulator 1	0.490	0.0068309
1452144_a_at	Mrpl44	mitochondrial ribosomal protein L44	0.490	0.0036912
1455578_x_at	Rpl41	ribosomal protein L41	0.490	0.0039214
1416140_a_at	Dhx30	DEAH (Asp-Glu-Ala-His) box polypeptide 30	0.490	0.0050453
1416663_at	Ndufa9	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 9	0.490	0.0045604

1442537_at	NA	NA	0.490	0.0170966
1450638_at	Pdcd5	programmed cell death 5	0.490	0.0027299
1448737_at	Tspan7	tetraspanin 7	0.490	0.0101649
1429456_a_at	Polr3e	polymerase (RNA) III (DNA directed) polypeptide E	0.490	0.0072434
1433970_at	Bola3	bolA-like 3 (E. coli)	0.490	0.0063773
1430019_a_at	Hnrnpa1	heterogeneous nuclear ribonucleoprotein A1	0.491	0.0052275
1424554_at	Ppp1r8	protein phosphatase 1, regulatory (inhibitor) subunit 8	0.491	0.0222449
1437972_s_at	Sf3b5	splicing factor 3b, subunit 5	0.491	0.0050109
1436349_at	2700094K13Rik	RIKEN cDNA 2700094K13 gene	0.491	0.0079042
1428094_at	Lamp2	lysosomal-associated membrane protein 2	0.491	0.00791
1416292_at	Prdx3	peroxiredoxin 3	0.491	0.0103165
1418347_at	Ccdc22	coiled-coil domain containing 22	0.491	0.0181682
1415872_at	Hnrnph1	heterogeneous nuclear ribonucleoprotein H1	0.491	0.0025133
1423210_a_at	Nola3	nucleolar protein family A, member 3	0.491	0.0035122
1460606_at	Hsd17b13	hydroxysteroid (17-beta) dehydrogenase 13	0.492	0.0073746
1452923_at	Ndutf2	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 2	0.492	0.0036718
1417080_a_at	Ecsit	ECSIT homolog (Drosophila)	0.492	0.0132907

1456279_a_at	Bcap31	B-cell receptor-associated protein 31	0.492	0.0052523
1460205_at	Dcakd	dephospho-CoA kinase domain containing	0.493	0.0245563
1416372_at	Ptdss1	phosphatidylserine synthase 1	0.493	0.0023933
1441274_at	NA	NA	0.493	0.0041599
1424574_at	Tmed5	transmembrane emp24 protein transport domain containing 5	0.493	0.0029622
1454917_at	Alg10b	asparagine-linked glycosylation 10 homolog B (yeast, alpha-1,2 glucosyltransferase)	0.493	0.0067421
1426069_s_at	Slc7a4	solute carrier family 7 (cationic amino acid transporter, y+ system), member 4	0.493	0.0131971
1429234_s_at	11-Sep	septin 11	0.493	0.0032176
1447780_x_at	Tufm	Tu translation elongation factor, mitochondrial	0.494	0.003041
1419273_at	C80913	expressed sequence C80913	0.494	0.0026858
1418563_at	Serbp1	Serpine1 mRNA binding protein 1	0.494	0.0040082
1416940_at	Ppif	peptidylprolyl isomerase F (cyclophilin F)	0.494	0.0042132
1424213_at	Ubiad1	UbiA prenyltransferase domain containing 1	0.494	0.0255063
1438179_s_at	Elp2	elongation protein 2 homolog (S. cerevisiae)	0.494	0.0034442

1439453_x_at	Rnaseh2c	ribonuclease H2, subunit C	0.494	0.0031741
1418225_at	Orc2l	origin recognition complex, subunit 2-like (S. cerevisiae)	0.494	0.0357863
1433490_s_at	Epb4.1l2	erythrocyte protein band 4.1-like 2	0.494	0.0026784
1415993_at	Sqle	squalene epoxidase	0.494	0.0108078
1460198_a_at	Psmb3	proteasome (prosome, macropain) subunit, beta type 3	0.494	0.0039726
1423711_at	Ndufaf1	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 1	0.494	0.0057866
1426213_at	Imp4	IMP4, U3 small nucleolar ribonucleoprotein, homolog (yeast)	0.494	0.0060359
1417313_at	Lsm7	LSM7 homolog, U6 small nuclear RNA associated (S. cerevisiae)	0.495	0.0025353
1452917_at	Rfc5	replication factor C (activator 1) 5	0.495	0.0157799
1428772_at	Xpot	exportin, tRNA (nuclear export receptor for tRNAs)	0.495	0.0030069
1428146_s_at	Acaa2	acetyl-Coenzyme A acyltransferase 2 (mitochondrial 3-oxoacyl-Coenzyme A thiolase)	0.495	0.0039267
1441718_at	NA	NA	0.496	0.0036935

1447679_s_at	Bms1	BMS1 homolog, ribosome assembly protein (yeast)	0.496	0.0025742
1433867_at	1810030O07Rik	RIKEN cDNA 1810030O07 gene	0.496	0.0056669
1416057_at	Ndufb11	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 11	0.496	0.0044386
1454725_at	Tra2a	transformer 2 alpha homolog (Drosophila)	0.496	0.002529
1422752_at	Polr3k	polymerase (RNA) III (DNA directed) polypeptide K	0.496	0.0038683
1438458_a_at	Sfpq	splicing factor proline/glutamine rich (polypyrimidine tract binding protein associated)	0.496	0.0031735
1418573_a_at	Raly	hnRNP-associated with lethal yellow	0.496	0.0118863
1416840_at	Mid1ip1	Mid1 interacting protein 1 (gastrulation specific G12-like (zebrafish))	0.496	0.0042374
1448691_at	Ubqln4	ubiquilin 4	0.496	0.0086205
1435444_at	Atf6	activating transcription factor 6	0.496	0.0047405
1438555_x_at	Muc4	mucin 4	0.497	0.004146
1431012_a_at	Peci	peroxisomal delta3, delta2-enoyl-Coenzyme A isomerase	0.497	0.0025275
1429787_x_at	Zwint	ZW10 interactor	0.497	0.0062315

1450887_at	Rqcd1	rcd1 (required for cell differentiation) homolog 1 (S. pombe)	0.497	0.0059381
1454852_at	Sp1	trans-acting transcription factor 1	0.497	0.002302
1416083_at	Zfand5	zinc finger, AN1-type domain 5	0.497	0.0024088
1428556_at	Pigy	phosphatidylinositol glycan anchor biosynthesis, class Y	0.497	0.0052758
1436214_at	1110028C15Rik	RIKEN cDNA 1110028C15 gene	0.498	0.0033964
1416942_at	Erap1	endoplasmic reticulum aminopeptidase 1	0.498	0.008462
1418530_at	Nup160	nucleoporin 160	0.498	0.0191585
1427094_at	Pole2	polymerase (DNA directed), epsilon 2 (p59 subunit)	0.498	0.0036079
1428661_at	Nfkbil2	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor-like 2	0.498	0.0074621
1415962_at	Eif3h	eukaryotic translation initiation factor 3, subunit H	0.498	0.0046282
1433741_at	Cd38	CD38 antigen	0.498	0.0069548
1417921_at	2610029G23Rik	RIKEN cDNA 2610029G23 gene	0.498	0.0060296
1450012_x_at	Ywhag	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide	0.498	0.004989

1424235_at	Ormdl2	ORM1-like 2 (S. cerevisiae)	0.498	0.0053481
1417823_at	Gcat	glycine C-acetyltransferase (2-amino-3-ketobutyrate-coenzyme A ligase)	0.498	0.0063929
1425603_at	Tmem176a	transmembrane protein 176A	0.498	0.0034858
1456349_x_at	Sumo1	SMT3 suppressor of mif two 3 homolog 1 (yeast)	0.499	0.0062199
1433811_at	Mllt6	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 6	0.499	0.0048173
1451121_a_at	Gltscr2	glioma tumor suppressor candidate region gene 2	0.499	0.0038335
1448707_at	Taf13	TAF13 RNA polymerase II, TATA box binding protein (TBP)-associated factor	0.499	0.0027146
1454617_at	Arrdc3	arrestin domain containing 3	0.499	0.003145
1423803_s_at	Gltscr2	glioma tumor suppressor candidate region gene 2	0.499	0.0050858
1424541_at	Tmem70	transmembrane protein 70	0.500	0.0127711
1448123_s_at	Tgfbi	transforming growth factor, beta induced	0.500	0.0029946
1451262_a_at	Jtv1	JTV1 gene	0.500	0.0084999
1425255_s_at	Hnrpll	heterogeneous nuclear ribonucleoprotein L-like	0.500	0.0033436

1440146_at	Vps13a	vacuolar protein sorting 13A (yeast)	2.000	0.0223051
1423449_a_at	Actn4	actinin alpha 4	2.001	0.0031782
1424612_at	Npal2	NIPA-like domain containing 2	2.003	0.0035668
1433203_at	6030400A10Rik	RIKEN cDNA 6030400A10 gene	2.004	0.0072243
1429452_x_at	4933439C20Rik	RIKEN cDNA 4933439C20 gene	2.006	0.0106362
1437016_x_at	LOC100047558	similar to RAP2C, member of RAS oncogene family	2.007	0.0062182
1418635_at	Etv3	ets variant gene 3	2.007	0.0044166
1444010_at	Eif4e	eukaryotic translation initiation factor 4E	2.008	0.0054454
1452326_at	Atp2c2	ATPase, Ca++ transporting, type 2C, member 2	2.008	0.032159
1417262_at	Ptgs2	prostaglandin-endoperoxide synthase 2	2.008	0.0424844
1452373_at	1700081L11Rik	RIKEN cDNA 1700081L11 gene	2.009	0.0169581
1447087_at	NA	NA	2.009	0.0046923
1420990_at	Chd1	chromodomain helicase DNA binding protein 1	2.009	0.0064616
1419124_at	2210010L05Rik	RIKEN cDNA 2210010L05 gene	2.009	0.0145811
1452137_at	Acbd3	acyl-Coenzyme A binding domain containing 3	2.009	0.0055152
1416911_a_at	Akirin1	akirin 1	2.009	0.004272

1438116_x_at	Slc9a3r1	solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 1	2.010	0.0075945
1433204_at	2810436B12Rik	RIKEN cDNA 2810436B12 gene	2.010	0.0108761
1452445_at	Slc41a2	solute carrier family 41, member 2	2.011	0.0038567
1418097_a_at	Crlf2	cytokine receptor-like factor 2	2.011	0.0030143
1457821_at	NA	NA	2.014	0.0085407
1460634_at	Ralgds	ras guanine nucleotide dissociation stimulator	2.015	0.0054524
1416656_at	Clic1	chloride intracellular channel 1	2.016	0.0036578
1437862_at	Rbm25	RNA binding motif protein 25	2.017	0.0293388
1416427_at	Ccni	cyclin I	2.017	0.0022238
1431746_a_at	Uba3	ubiquitin-like modifier activating enzyme 3	2.017	0.0082869
1438514_at	Npc111	NPC1-like 1	2.017	0.0055097
1425994_a_at	Asah2	N-acylsphingosine amidohydrolase 2	2.018	0.0082942
1435927_at	Dennd3	DENN/MADD domain containing 3	2.018	0.0053465
1429005_at	Mfhas1	malignant fibrous histiocytoma amplified sequence 1	2.018	0.027283
1455000_at	Gpr68	G protein-coupled receptor 68	2.018	0.0078857
1449755_at	D7Erttd183e	DNA segment, Chr 7, ERATO Doi 183, expressed	2.019	0.0099339
1444828_at	NA	NA	2.019	0.0098707

1435634_at	Pcmdt1	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 1	2.019	0.0059379
1424349_a_at	Lpgat1	lysophosphatidyl glycerol acyltransferase 1	2.019	0.0030522
1436008_at	Tpd52	tumor protein D52	2.019	0.0034483
1444050_at	Wisp3	WNT1 inducible signaling pathway protein 3	2.019	0.0310657
1451206_s_at	Cytip	cytohesin 1 interacting protein	2.020	0.0238872
1442096_at	Lrrc66	leucine rich repeat containing 66	2.020	0.0028604
1418831_at	Pkp3	plakophilin 3	2.020	0.0041811
1417141_at	Igtp	interferon gamma induced GTPase	2.021	0.0172748
1447827_x_at	Spop	speckle-type POZ protein	2.021	0.0045087
1424350_s_at	Lpgat1	lysophosphatidyl glycerol acyltransferase 1	2.021	0.0076901
1439908_at	Zkscan1	zinc finger with KRAB and SCAN domains 1	2.022	0.0327161
1450642_at	3110001I20Rik	RIKEN cDNA 3110001I20 gene	2.022	0.0052125
1425649_at	Slc39a14	solute carrier family 39 (zinc transporter), member 14	2.024	0.0047137
1460498_a_at	Dnajc5	DnaJ (Hsp40) homolog, subfamily C, member 5	2.024	0.0045938
1424932_at	Egfr	epidermal growth factor receptor	2.025	0.005428

1433768_at	Palld	palladin, cytoskeletal associated protein	2.025	0.0051961
1427228_at	Palld	palladin, cytoskeletal associated protein	2.025	0.0030677
1460562_at	Eftud1	elongation factor Tu GTP binding domain containing 1	2.025	0.0034872
1460203_at	Itpr1	inositol 1,4,5-triphosphate receptor 1	2.026	0.0045686
1459689_at	NA	NA	2.026	0.0076302
1451136_a_at	Eif2b2	eukaryotic translation initiation factor 2B, subunit 2 beta	2.026	0.0101054
1425488_at	Slu7	SLU7 splicing factor homolog (S. cerevisiae)	2.026	0.0087734
1427910_at	Cst6	cystatin E/M	2.028	0.0061656
1441200_at	Klf3	Kruppel-like factor 3 (basic)	2.028	0.0022034
1431564_at	Bcar3	breast cancer anti-estrogen resistance 3	2.028	0.0188706
1424457_at	Apbb3	amyloid beta (A4) precursor protein-binding, family B, member 3	2.029	0.0163162
1452934_at	Tmc5	transmembrane channel-like gene family 5	2.029	0.0061349
1424442_a_at	Pja2	praja 2, RING-H2 motif containing	2.029	0.0112516
1422824_s_at	Eps8	epidermal growth factor receptor pathway substrate 8	2.030	0.0060031
1439034_at	Spn	sialophorin	2.030	0.0098421
1426983_at	Fnbp1	formin binding protein 1	2.030	0.0150251

1450701_a_at	Gtf2h2	general transcription factor II H, polypeptide 2	2.031	0.0032951
1434178_at	Mll3	myeloid/lymphoid or mixed-lineage leukemia 3	2.031	0.0089581
1441883_at	0610010O12Rik	RIKEN cDNA 0610010O12 gene	2.031	0.0100505
1436895_at	Centd1	centaurin, delta 1	2.032	0.0032132
1433448_at	Slc25a44	solute carrier family 25, member 44	2.032	0.0063901
1447257_at	NA	NA	2.032	0.019675
1415952_at	Mark2	MAP/microtubule affinity-regulating kinase 2	2.033	0.0082038
1425668_a_at	St3gal4	ST3 beta-galactoside alpha-2,3-sialyltransferase 4	2.033	0.0146118
1429360_at	Klf3	Kruppel-like factor 3 (basic)	2.034	0.0024816
1429624_at	Sltm	SAFB-like, transcription modulator	2.034	0.0111083
1424646_at	Uckl1	uridine-cytidine kinase 1-like 1	2.034	0.0025982
1416132_at	Efr3a	EFR3 homolog A (<i>S. cerevisiae</i>)	2.035	0.0074192
1418367_x_at	Hist2h2aa1	histone cluster 2, H2aa1	2.035	0.0091301
1448651_at	Nudt5	nudix (nucleoside diphosphate linked moiety X)-type motif 5	2.035	0.006116
1434160_at	Zfp592	zinc finger protein 592	2.037	0.0040852
1442645_at	Atp2b3	ATPase, Ca ⁺⁺ transporting, plasma membrane 3	2.037	0.0186756
1455518_at	NA	NA	2.037	0.0397186
1422759_a_at	Xpo6	exportin 6	2.037	0.0033124

1430299_at	Tsc22d4	TSC22 domain family, member 4	2.039	0.0083847
1444898_at	NA	NA	2.039	0.0040963
1436229_at	D1Ert53e	DNA segment, Chr 1, ERATO Doi 53, expressed	2.039	0.0160053
1447803_x_at	Capg	capping protein (actin filament), gelsolin-like	2.039	0.0205454
1441075_at	Nostrin	nitric oxide synthase trafficker	2.040	0.0031968
1456413_at	Pde4dip	phosphodiesterase 4D interacting protein (myomegalin)	2.040	0.0027164
1419449_a_at	Gnai2	guanine nucleotide binding protein (G protein), alpha inhibiting 2	2.041	0.0033237
1457696_at	Rilp	Rab interacting lysosomal protein	2.043	0.0192719
1448174_at	Cul1	cullin 1	2.043	0.0029317
1442382_at	Mast4	microtubule associated serine/threonine kinase family member 4	2.044	0.0095995
1429089_s_at	2900026A02Rik	RIKEN cDNA 2900026A02 gene	2.044	0.0026987
1426223_at	Ttc39c	tetratricopeptide repeat domain 39C	2.045	0.025305
1451726_at	Mtmr6	myotubularin related protein 6	2.046	0.0141994
1432155_at	Wasl	Wiskott-Aldrich syndrome-like (human)	2.046	0.0103665
1457378_at	NA	NA	2.046	0.0034549

1456676_a_at	Pfkfb3	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	2.047	0.0181637
1436954_at	Wipf1	WAS/WASL interacting protein family, member 1	2.047	0.0042836
1421322_a_at	Irf9	interferon regulatory factor 9	2.047	0.0036035
1460536_at	2310079F09Rik	RIKEN cDNA 2310079F09 gene	2.047	0.0052499
1448528_at	Pdcd10	programmed cell death 10	2.048	0.0037764
1424059_at	Suv420h2	suppressor of variegation 4-20 homolog 2 (Drosophila)	2.048	0.0111041
1436839_at	2010109K11Rik	RIKEN cDNA 2010109K11 gene	2.049	0.0062772
1452304_a_at	Arhgef5	Rho guanine nucleotide exchange factor (GEF) 5	2.049	0.0049049
1424245_at	Ces2	carboxylesterase 2	2.049	0.0042119
1428735_at	Cd69	CD69 antigen	2.049	0.0378824
1441209_at	NA	NA	2.050	0.010852
1441229_at	D230019N24Rik	RIKEN cDNA D230019N24 gene	2.050	0.0055602
1450458_at	Ncoa2	nuclear receptor coactivator 2	2.051	0.0096742
1447213_at	NA	NA	2.052	0.0036013
1430412_at	2310068C19Rik	RIKEN cDNA 2310068C19 gene	2.052	0.0115938
1452909_at	2410127E18Rik	RIKEN cDNA 2410127E18 gene	2.053	0.0029309
1437244_at	Gas2l3	growth arrest-specific 2 like 3	2.053	0.0082891
1422147_a_at	Pla2g6	phospholipase A2, group VI	2.055	0.008883
1420747_at	Ppnr	per-pentamer repeat gene	2.056	0.0022429

1456098_a_at	Elmo2	engulfment and cell motility 2, ced-12 homolog (C. elegans)	2.056	0.0049876
1436061_at	NA	NA	2.056	0.0167736
1418832_at	Pkp3	plakophilin 3	2.057	0.0156671
1426633_s_at	Kctd14	potassium channel tetramerisation domain containing 14	2.057	0.0024513
1415859_at	Eif3c	eukaryotic translation initiation factor 3, subunit C	2.058	0.0102856
1428736_at	Gramd3	GRAM domain containing 3	2.058	0.0038163
1453864_at	Rdh14	retinol dehydrogenase 14 (all-trans and 9-cis)	2.059	0.0044951
1437591_a_at	Wdr1	WD repeat domain 1	2.059	0.0022649
1434093_at	Lysmd4	LysM, putative peptidoglycan-binding, domain containing 4	2.059	0.0101376
1416525_at	Spop	speckle-type POZ protein	2.060	0.008125
1417978_at	Eif4e3	eukaryotic translation initiation factor 4E member 3	2.060	0.003836
1455388_at	Pcmt1	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 1	2.060	0.0074314
1436343_at	Chd4	chromodomain helicase DNA binding protein 4	2.060	0.0025504
1456420_at	Arid4a	AT rich interactive domain 4A (RBP1-like)	2.060	0.0181043
1445375_at	Itsn2	intersectin 2	2.061	0.0020667

1442031_at	Ccdc109a	coiled-coil domain containing 109A	2.061	0.0035005
1426233_at	Map2k4	mitogen-activated protein kinase kinase 4	2.061	0.0272445
1447602_x_at	Sulf2	sulfatase 2	2.062	0.008858
AFFX-BioC-3_at	NA	NA	2.062	0.0051839
1416498_at	Ppic	peptidylprolyl isomerase C	2.063	0.0038446
1440755_at	NA	NA	2.063	0.0044786
1418290_a_at	Ezh1	enhancer of zeste homolog 1 (Drosophila)	2.064	0.0125772
1416274_at	Ctns	cystinosis, nephropathic	2.064	0.0036223
1450927_at	Lztr1	leucine-zipper-like transcriptional regulator, 1	2.064	0.0027805
1416418_at	Gabarapl1	gamma-aminobutyric acid (GABA(A)) receptor-associated protein-like 1	2.065	0.0080727
1418718_at	Cxcl16	chemokine (C-X-C motif) ligand 16	2.065	0.0058166
1442103_at	Nipbl	Nipped-B homolog (Drosophila)	2.065	0.0022486
1448965_at	Ino80	INO80 homolog (S. cerevisiae)	2.066	0.0025929
1425321_a_at	Clmn	calmin	2.067	0.0024834
1448694_at	Jun	Jun oncogene	2.068	0.0037168
1450223_at	Apaf1	apoptotic peptidase activating factor 1	2.069	0.0215087
1440123_at	NA	NA	2.069	0.0023823
1431018_at	1810013L24Rik	RIKEN cDNA 1810013L24 gene	2.069	0.0108482
1428509_at	Myo1e	myosin IE	2.069	0.0067086
1435032_at	Golgb1	golgi autoantigen, golgin subfamily b, macrogolgin 1	2.069	0.0031974

1449341_a_at	Stom	stomatin	2.069	0.0030589
1423049_a_at	Tpm1	tropomyosin 1, alpha	2.071	0.0019956
1417666_at	Dnttip1	deoxynucleotidyl transferase, terminal, interacting protein 1	2.072	0.0021015
1417481_at	Ramp1	receptor (calcitonin) activity modifying protein 1	2.074	0.0070223
1426623_a_at	Arhgap17	Rho GTPase activating protein 17	2.075	0.0037148
1429032_at	Micalcl	MICAL C-terminal like	2.075	0.0125336
1425452_s_at	Fam84a	family with sequence similarity 84, member A	2.075	0.0200894
1438683_at	Wasf2	WAS protein family, member 2	2.076	0.0034077
1460722_at	Soat2	sterol O-acyltransferase 2	2.077	0.003495
1456495_s_at	Osbpl6	oxysterol binding protein-like 6	2.077	0.0097023
1433897_at	AI597468	expressed sequence AI597468	2.078	0.0092406
1456927_at	Mast2	microtubule associated serine/threonine kinase 2	2.078	0.0016431
1441948_x_at	Zfand3	zinc finger, AN1-type domain 3	2.079	0.0034913
1430498_at	9130009I01Rik	RIKEN cDNA 9130009I01 gene	2.079	0.0107699
1433840_a_at	C330006K01Rik	RIKEN cDNA C330006K01 gene	2.080	0.0046807
1455648_at	NA	NA	2.080	0.0044765
1437643_at	Cenpj	centromere protein J	2.080	0.0025979

1434205_at	Ppp2r5c	protein phosphatase 2, regulatory subunit B (B56), gamma isoform	2.081	0.0021822
1424529_s_at	Cgref1	cell growth regulator with EF hand domain 1	2.081	0.0038525
1449268_at	Gfpt1	glutamine fructose-6-phosphate transaminase 1	2.082	0.0022145
1460213_at	Golga4	golgi autoantigen, golgin subfamily a, 4	2.082	0.0041412
1429308_at	Prdm16	PR domain containing 16	2.083	0.0020185
1456526_at	C130034I24Rik	RIKEN cDNA C130034I24 gene	2.084	0.0027902
1418816_at	Chmp1b	chromatin modifying protein 1B	2.085	0.0053513
1431173_at	A930008G19Rik	RIKEN cDNA A930008G19 gene	2.085	0.0069158
1417394_at	Klf4	Kruppel-like factor 4 (gut)	2.086	0.0043135
1453146_at	Gapvd1	GTPase activating protein and VPS9 domains 1	2.086	0.0034105
1426041_a_at	Fgd4	FYVE, RhoGEF and PH domain containing 4	2.086	0.0202307
1455836_at	Papola	poly (A) polymerase alpha	2.086	0.0037304
1425466_at	Senp2	SUMO/sentrin specific peptidase 2	2.086	0.025098
1458148_at	Nlrc3	NLR family, CARD domain containing 3	2.087	0.0440671
1422581_at	Pias1	protein inhibitor of activated STAT 1	2.087	0.0015929

1437301_a_at	Dvl1	dishevelled, dsh homolog 1 (Drosophila)	2.088	0.005651
1420745_a_at	Ccndbp1	cyclin D-type binding-protein 1	2.088	0.002295
1420654_a_at	Gbe1	glucan (1,4-alpha-), branching enzyme 1	2.089	0.0224279
1418425_at	Sp7	Sp7 transcription factor 7	2.090	0.003433
1448005_at	Sash1	SAM and SH3 domain containing 1	2.091	0.0033978
1442820_at	NA	NA	2.092	0.0079826
1422397_a_at	Il15ra	interleukin 15 receptor, alpha chain	2.092	0.0056983
1436255_at	D830044I16Rik	RIKEN cDNA D830044I16 gene	2.095	0.0263459
1450099_a_at	Gba	glucosidase, beta, acid	2.095	0.0026571
1457794_at	Whsc1l1	Wolf-Hirschhorn syndrome candidate 1-like 1 (human)	2.096	0.0187478
1433639_at	5730593F17Rik	RIKEN cDNA 5730593F17 gene	2.096	0.005182
1426523_a_at	Gnpda2	glucosamine-6-phosphate deaminase 2	2.097	0.0083145
1429197_s_at	Rabgap1l	RAB GTPase activating protein 1-like	2.098	0.0058908
1459457_at	Camk2d	calcium/calmodulin-dependent protein kinase II, delta	2.098	0.0027158
1441789_at	NA	NA	2.101	0.0192889
1444552_at	NA	NA	2.102	0.0033361
1451870_a_at	Brd4	bromodomain containing 4	2.103	0.0027708
1447063_at	14-Sep	septin 14	2.103	0.0034394
1425484_at	Tox	thymocyte selection-associated high mobility group box	2.103	0.0132448

1435330_at	Pyhin1	pyrin and HIN domain family, member 1	2.103	0.0455959
1422071_at	Lgals6	lectin, galactose binding, soluble 6	2.104	0.0230815
1451817_at	Suv420h1	suppressor of variegation 4-20 homolog 1 (Drosophila)	2.104	0.0229271
1416182_at	Apba3	amyloid beta (A4) precursor protein-binding, family A, member 3	2.104	0.0074022
1438993_a_at	Atp6v1d	ATPase, H+ transporting, lysosomal V1 subunit D	2.107	0.00865
1449107_at	Nudt4	nudix (nucleoside diphosphate linked moiety X)-type motif 4	2.107	0.0030296
1458706_at	NA	NA	2.108	0.0036071
1444097_at	Metrn1	meteorin, glial cell differentiation regulator-like	2.109	0.0021809
1453039_at	Zfp335	zinc finger protein 335	2.109	0.0017957
1431744_a_at	Smap1	stromal membrane-associated protein 1	2.110	0.0020176
1418479_at	Vps54	vacuolar protein sorting 54 (yeast)	2.110	0.0020399
1427309_at	Pars2	prolyl-tRNA synthetase (mitochondrial)(putative)	2.110	0.0465463
1418031_at	Myo9b	myosin IXb	2.110	0.0077678
1416501_at	Pdpk1	3-phosphoinositide dependent protein kinase-1	2.112	0.0028093
1449289_a_at	Phf2011	PHD finger protein 20-like 1	2.113	0.0023739

1450941_at	Sdcbp	syndecan binding protein	2.114	0.0030919
1426975_at	Os9	amplified in osteosarcoma	2.114	0.0035085
1446855_at	Vps13d	vacuolar protein sorting 13 D (yeast)	2.114	0.0195325
1443988_at	Rbm39	RNA binding motif protein 39	2.115	0.0126598
1424304_at	Tpcn2	two pore segment channel 2	2.115	0.0223115
1456212_x_at	Socs3	suppressor of cytokine signaling 3	2.115	0.006884
1424779_at	Reep3	receptor accessory protein 3	2.115	0.0060373
1450034_at	Stat1	signal transducer and activator of transcription 1	2.116	0.0017303
1421151_a_at	Epha2	Eph receptor A2	2.116	0.0097104
1450997_at	Stk17b	serine/threonine kinase 17b (apoptosis-inducing)	2.116	0.0038035
1424608_a_at	100039204	predicted gene, 100039204	2.117	0.0240763
1447575_at	NA	NA	2.117	0.0382173
1460230_at	Syn2	synapsin II	2.118	0.0109505
1454633_at	Etnk1	ethanolamine kinase 1	2.119	0.0066647
1417752_at	Coro1c	coronin, actin binding protein 1C	2.120	0.0021622
1428992_at	Unc13d	unc-13 homolog D (C. elegans)	2.120	0.0018277
1425522_at	Rbm25	RNA binding motif protein 25	2.121	0.0016009
1459998_at	Zfp407	zinc finger protein 407	2.121	0.0056298
1416275_at	Slc26a6	solute carrier family 26, member 6	2.123	0.0041389

1449028_at	Rhou	ras homolog gene family, member U	2.123	0.0077465
1419232_a_at	Apoa1	apolipoprotein A-I	2.124	0.0064463
1419040_at	Cyp2d22	cytochrome P450, family 2, subfamily d, polypeptide 22	2.124	0.0106148
1450479_x_at	Ptpn12	protein tyrosine phosphatase, non-receptor type 12	2.125	0.001817
1426624_a_at	Ypel3	yippee-like 3 (Drosophila)	2.125	0.0030294
1452349_x_at	Ifi205	interferon activated gene 205	2.125	0.0230134
1452141_a_at	Sepp1	selenoprotein P, plasma, 1	2.125	0.0049783
1423194_at	Arhgap5	Rho GTPase activating protein 5	2.126	0.0281292
1448448_a_at	Chkb	choline kinase beta	2.126	0.0043573
1446118_at	D17Ert165e	DNA segment, Chr 17, ERATO Doi 165, expressed	2.127	0.009106
1454864_at	Zfp592	zinc finger protein 592	2.128	0.0013112
1459556_at	NA	NA	2.129	0.031765
1425229_a_at	Tcf7l2	transcription factor 7-like 2, T-cell specific, HMG-box	2.129	0.0027439
1460338_a_at	Crlf3	cytokine receptor-like factor 3	2.130	0.0022833
1418186_at	Gstt1	glutathione S-transferase, theta 1	2.130	0.0037852
1417856_at	Relb	avian reticuloendotheliosis viral (v-rel) oncogene related B	2.131	0.0104386
1438035_at	AW061290	expressed sequence AW061290	2.132	0.0060676
1460315_s_at	Tbk1	TANK-binding kinase 1	2.133	0.0038437

1455340_at	D030011O10Rik	RIKEN cDNA D030011O10 gene	2.134	0.0012679
1450113_at	Mpp5	membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5)	2.136	0.0110025
1438433_at	Whdc1	WAS protein homology region 2 domain containing 1	2.137	0.0020601
1428046_a_at	Zfx	zinc finger protein X-linked	2.137	0.0027226
1433694_at	Pde3b	phosphodiesterase 3B, cGMP-inhibited	2.137	0.0017661
1460643_at	Ell	elongation factor RNA polymerase II	2.137	0.005773
1449556_at	H2-T23	histocompatibility 2, T region locus 23	2.138	0.0072796
1440020_at	NA	NA	2.138	0.0082263
1427410_at	Dleu2	deleted in lymphocytic leukemia, 2	2.140	0.0234119
1418711_at	Pdgfa	platelet derived growth factor, alpha	2.142	0.0017693
1458233_at	Fryl	furry homolog-like (Drosophila)	2.143	0.0071559
1436056_at	Kif13b	kinesin family member 13B	2.143	0.0017701
1428761_a_at	Snapc3	small nuclear RNA activating complex, polypeptide 3	2.143	0.0144875
1445391_at	Diap1	diaphanous homolog 1 (Drosophila)	2.143	0.0093646
1448562_at	Upp1	uridine phosphorylase 1	2.144	0.0025883
1422721_at	Tnk1	tyrosine kinase, non-receptor, 1	2.145	0.0019853
1432997_at	5830462P14Rik	RIKEN cDNA 5830462P14 gene	2.146	0.0100597

1422091_at	Pfkfb2	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 2	2.147	0.0373996
1428151_x_at	Ccbl1	cysteine conjugate-beta lyase 1	2.147	0.0018614
1426366_at	Eif2c2	eukaryotic translation initiation factor 2C, 2	2.147	0.0048278
1458042_at	NA	NA	2.148	0.0082795
1443673_x_at	NA	NA	2.148	0.0046692
1425202_a_at	Ank3	ankyrin 3, epithelial	2.148	0.0074288
1435549_at	Trpm4	transient receptor potential cation channel, subfamily M, member 4	2.148	0.0028954
1448765_at	Fyn	Fyn proto-oncogene	2.149	0.0081269
1434920_a_at	Evl	Ena-vasodilator stimulated phosphoprotein	2.150	0.0073154
1428195_at	Ahcy12	S-adenosylhomocysteine hydrolase-like 2	2.150	0.005975
1445457_at	ENSMUSG00000073746	predicted gene, ENSMUSG00000073746	2.151	0.0013976
1450376_at	Mxi1	Max interacting protein 1	2.151	0.00503
1439424_x_at	Herpud2	HERPUD family member 2	2.151	0.0045064
1417385_at	Npepps	aminopeptidase puromycin sensitive	2.152	0.0156271
1455500_at	Rnf213	ring finger protein 213	2.153	0.0014762

1421846_at	Wsb2	WD repeat and SOCS box-containing 2	2.155	0.0011641
1449454_at	Bst1	bone marrow stromal cell antigen 1	2.156	0.0035117
1422208_a_at	Gnb5	guanine nucleotide binding protein (G protein), beta 5	2.156	0.0054663
1433441_at	Fbx15	F-box and leucine-rich repeat protein 5	2.156	0.0024586
1422678_at	Dgat2	diacylglycerol O-acyltransferase 2	2.156	0.0031032
1424762_at	C1qtnf5	C1q and tumor necrosis factor related protein 5	2.157	0.0070608
1418767_at	Cyp4f13	cytochrome P450, family 4, subfamily f, polypeptide 13	2.158	0.0059404
1444518_at	Acox1	acyl-Coenzyme A oxidase 1, palmitoyl	2.158	0.0016598
1435319_at	Ihpk2	inositol hexaphosphate kinase 2	2.158	0.0082407
1435880_at	Ankrd50	ankrin repeat domain 50	2.159	0.0018628
1450086_at	Gmeb1	glucocorticoid modulatory element binding protein 1	2.159	0.0031421
1442381_at	NA	NA	2.159	0.0015387
1437048_x_at	Stxbp2	syntaxin binding protein 2	2.159	0.003185
1454558_at	5430416B10Rik	RIKEN cDNA 5430416B10 gene	2.160	0.0047756
1442477_at	Ambra1	autophagy/beclin 1 regulator 1	2.160	0.0043992
1432211_a_at	Fbxo9	f-box protein 9	2.161	0.0064062

1449347_a_at	Xlr4b	X-linked lymphocyte-regulated 4B	2.161	0.0041633
1455337_at	Fgd4	FYVE, RhoGEF and PH domain containing 4	2.163	0.0028102
1429413_at	Cpm	carboxypeptidase M	2.165	0.0013401
1427387_a_at	Itgb4	integrin beta 4	2.165	0.0291415
1429076_a_at	Gdpd2	glycerophosphodiester phosphodiesterase domain containing 2	2.165	0.0074928
1417423_at	Grina	glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding)	2.166	0.0048391
1433527_at	Ireb2	iron responsive element binding protein 2	2.166	0.0055589
1434686_at	D3Ert300e	DNA segment, Chr 3, ERATO Doi 300, expressed	2.166	0.0334287
1438612_a_at	Clps	colipase, pancreatic	2.167	0.0093842
1457459_at	AU014973	expressed sequence AU014973	2.167	0.0045148
1456422_at	D030011O10Rik	RIKEN cDNA D030011O10 gene	2.168	0.0020153
1417004_at	Tsg101	tumor susceptibility gene 101	2.169	0.0010605
1453860_s_at	Nr3c1	nuclear receptor subfamily 3, group C, member 1	2.171	0.0043132

1437104_at	Arfgef1	ADP-ribosylation factor guanine nucleotide-exchange factor 1(brefeldin A-inhibited)	2.172	0.0223567
1423175_s_at	Pard6b	par-6 (partitioning defective 6) homolog beta (C. elegans)	2.174	0.0026199
1448415_a_at	Sema3b	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3B	2.174	0.0030144
1426893_at	C230093N12Rik	RIKEN cDNA C230093N12 gene	2.174	0.0031718
1456587_x_at	2010005J08Rik	RIKEN cDNA 2010005J08 gene	2.175	0.0030488
1416412_at	Nsmaf	neutral sphingomyelinase (N-SMase) activation associated factor	2.175	0.0023644
1418864_at	Gata4	GATA binding protein 4	2.175	0.0207946
1417171_at	Itk	IL2-inducible T-cell kinase	2.176	0.0124183
1457454_at	D7Ert602e	DNA segment, Chr 7, ERATO Doi 602, expressed	2.177	0.0021402
1437829_s_at	Eef2k	eukaryotic elongation factor 2 kinase	2.177	0.0018589
1427241_at	Papolg	poly(A) polymerase gamma	2.177	0.0011825
1427311_at	Bptf	bromodomain PHD finger transcription factor	2.178	0.0046104

1459894_at	Iqgap2	IQ motif containing GTPase activating protein 2	2.178	0.0026769
1445626_at	NA	NA	2.179	0.0038633
1459332_at	Itch	itchy, E3 ubiquitin protein ligase	2.179	0.0019678
1416380_at	Mov10	Moloney leukemia virus 10	2.180	0.0065506
1424983_a_at	2700078E11Rik	RIKEN cDNA 2700078E11 gene	2.180	0.0012549
1445870_at	NA	NA	2.180	0.0022124
1437503_a_at	Shisa5	shisa homolog 5 (Xenopus laevis)	2.180	0.0016213
1426313_at	Bre	brain and reproductive organ-expressed protein	2.182	0.0012079
1451196_at	Ypel5	yippee-like 5 (Drosophila)	2.182	0.002454
1424951_at	Baiap2l1	BAI1-associated protein 2-like 1	2.182	0.0013507
1444951_at	Dennd1b	DENN/MADD domain containing 1B	2.182	0.0064705
AFFX-GapdhMur/M3259_9_5_at	Gapdh	glyceraldehyde-3-phosphate dehydrogenase	2.182	0.0038292
1444762_at	NA	NA	2.183	0.0011581
1423444_at	Rock1	Rho-associated coiled-coil containing protein kinase 1	2.183	0.0039442
1445235_at	NA	NA	2.183	0.0027214
1459197_at	Cntn1	contactin 1	2.184	0.0079069
1437106_at	Jarid1a	jumonji, AT rich interactive domain 1A (Rbp2 like)	2.184	0.0289501

1434575_at	Epb4.111	erythrocyte protein band 4.1-like 1	2.184	0.0083239
1455980_a_at	Gas2l3	growth arrest-specific 2 like 3	2.184	0.0132311
1431391_at	Ralgps1	Ral GEF with PH domain and SH3 binding motif 1	2.186	0.0025244
1435768_at	Arid4b	AT rich interactive domain 4B (RBP1-like)	2.186	0.0017517
1426025_s_at	Laptm5	lysosomal-associated protein transmembrane 5	2.187	0.007861
1427041_at	BC013712	cDNA sequence BC013712	2.189	0.0040594
1427325_s_at	Akna	AT-hook transcription factor	2.189	0.0098187
1451407_at	Igsf5	immunoglobulin superfamily, member 5	2.189	0.0056042
1452103_at	Arl16	ADP-ribosylation factor-like 16	2.189	0.0044135
1426601_at	Slc37a1	solute carrier family 37 (glycerol-3-phosphate transporter), member 1	2.193	0.0014433
1434751_at	Ids	iduronate 2-sulfatase	2.194	0.0091616
1450984_at	Tjp2	tight junction protein 2	2.194	0.0015877
1415953_s_at	Mark2	MAP/microtubule affinity-regulating kinase 2	2.195	0.0021669
1418984_at	Inadl	InaD-like (Drosophila)	2.196	0.0021303
1429241_at	Npal3	NIPA-like domain containing 3	2.196	0.0063149
1451020_at	Gsk3b	glycogen synthase kinase 3 beta	2.197	0.0010048

1438220_at	Foxj3	forkhead box J3	2.198	0.0123131
1454847_at	Lhfpl2	lipoma HMGIC fusion partner-like 2	2.199	0.0049175
1450622_at	Bcar1	breast cancer anti-estrogen resistance 1	2.200	0.0022037
1421321_a_at	Net1	neuroepithelial cell transforming gene 1	2.201	0.0040596
1435454_a_at	BC006779	cDNA sequence BC006779	2.201	0.0077488
1425530_a_at	Stx3	syntaxin 3	2.201	0.0061914
1431128_at	Tmem170	transmembrane protein 170	2.204	0.001054
1453582_at	Chka	choline kinase alpha	2.205	0.001611
1434137_x_at	1810010M01Rik	RIKEN cDNA 1810010M01 gene	2.206	0.0030054
1460585_x_at	Pisd	phosphatidylserine decarboxylase	2.208	0.0010048
1436505_at	Ppig	peptidyl-prolyl isomerase G (cyclophilin G)	2.209	0.0137367
1460336_at	Ppargc1a	peroxisome proliferative activated receptor, gamma, coactivator 1 alpha	2.209	0.0113131
1425405_a_at	Adar	adenosine deaminase, RNA-specific	2.210	0.0009104
1417953_at	D6Wsu176e	DNA segment, Chr 6, Wayne State University 176, expressed	2.210	0.0020947
1450314_at	Dqx1	DEAQ RNA-dependent ATPase	2.211	0.0057402
1419069_at	Rabgef1	RAB guanine nucleotide exchange factor (GEF) 1	2.212	0.0016015
1444366_at	NA	NA	2.216	0.0040298
1454967_at	NA	NA	2.217	0.0013414

1452594_at	Dusp11	dual specificity phosphatase 11 (RNA/RNP complex 1-interacting)	2.218	0.0014785
1453313_at	Sesn3	sestrin 3	2.219	0.0166566
1453738_at	C330018D20Rik	RIKEN cDNA C330018D20 gene	2.220	0.001263
1431031_at	Arid4b	AT rich interactive domain 4B (RBP1-like)	2.221	0.0047279
1430849_a_at	Cgrrf1	cell growth regulator with ring finger domain 1	2.222	0.0011213
1438676_at	Mpa2l	macrophage activation 2 like	2.222	0.0153937
1436778_at	Cybb	cytochrome b-245, beta polypeptide	2.222	0.005441
1418402_at	Adam19	alpha disintegrin and metalloproteinase domain 19 (meltrin beta)	2.223	0.0148432
1453796_a_at	Ergic2	ERGIC and golgi 2	2.223	0.0036325
1450726_at	Asah2	N-acylsphingosine amidohydrolase 2	2.224	0.004302
1432195_s_at	Ccnl2	cyclin L2	2.225	0.0012073
1448049_at	Jmjd1c	jumonji domain containing 1C	2.225	0.0089841
1448997_at	Cyth1	cytohesin 1	2.226	0.0191694
1460151_at	NA	NA	2.227	0.0034521
1439404_x_at	Zfx	zinc finger protein X-linked	2.230	0.0012047
1455886_at	Cbl	Casitas B-lineage lymphoma	2.230	0.0158723

1443366_at	Napg	N-ethylmaleimide sensitive fusion protein attachment protein gamma	2.230	0.0033744
1421340_at	Map3k5	mitogen-activated protein kinase kinase kinase 5	2.230	0.0033403
1429653_at	Gse1	genetic suppressor element 1	2.231	0.0078365
1422045_a_at	Ptpn12	protein tyrosine phosphatase, non-receptor type 12	2.231	0.0027601
1451466_at	D16Erd472e	DNA segment, Chr 16, ERATO Doi 472, expressed	2.232	0.0065702
1422650_a_at	Riok3	RIO kinase 3 (yeast)	2.233	0.0025685
1418963_at	2310047O13Rik	RIKEN cDNA 2310047O13 gene	2.233	0.0018284
1439156_at	Gm962	gene model 962, (NCBI)	2.233	0.0018576
1419238_at	Abca7	ATP-binding cassette, sub-family A (ABC1), member 7	2.234	0.0045085
1427386_at	Arhgef16	Rho guanine nucleotide exchange factor (GEF) 16	2.234	0.0017354
1426922_s_at	Hrb	HIV-1 Rev binding protein	2.234	0.0134105
1423391_at	Git2	G protein-coupled receptor kinase-interactor 2	2.235	0.0024204
1460337_at	Sh3kbp1	SH3-domain kinase binding protein 1	2.240	0.013271

1460204_at	Tec	cytoplasmic tyrosine kinase, Dscr28C related (Drosophila)	2.240	0.0018027
1460598_at	Il28ra	interleukin 28 receptor alpha	2.240	0.0007741
1450033_a_at	Stat1	signal transducer and activator of transcription 1	2.240	0.0010226
1421670_a_at	Irak4	interleukin-1 receptor-associated kinase 4	2.240	0.0008871
1434917_at	Cobl	cordon-bleu	2.241	0.0046291
1459704_at	NA	NA	2.242	0.006178
1446807_at	Usp50	ubiquitin specific peptidase 50	2.242	0.0036486
1443721_x_at	Sbno2	strawberry notch homolog 2 (Drosophila)	2.244	0.0023741
1453744_a_at	Ankrd40	ankyrin repeat domain 40	2.245	0.0016024
1427021_s_at	Eif3f	eukaryotic translation initiation factor 3, subunit F	2.245	0.0018336
1452217_at	Ahnak	AHNAK nucleoprotein (desmoyokin)	2.245	0.0023877
1455675_a_at	Tial1	Tia1 cytotoxic granule-associated RNA binding protein-like 1	2.246	0.0013228
1441297_at	NA	NA	2.246	0.006469
1421362_a_at	Frk	fyn-related kinase	2.246	0.0023281
1446007_at	NA	NA	2.250	0.0215988
1426480_at	Sbds	Shwachman-Bodian-Diamond syndrome homolog (human)	2.250	0.001236
1425895_a_at	Id1	inhibitor of DNA binding 1	2.251	0.0010897

1438735_at	Rsf1	remodeling and spacing factor 1	2.254	0.0091261
1421872_at	Rab24	RAB24, member RAS oncogene family	2.255	0.0011802
1427583_at	4921505C17Rik	RIKEN cDNA 4921505C17 gene	2.256	0.0104966
1418875_at	Syngn4	synaptogyrin 4	2.257	0.0145572
1451564_at	Parp14	poly (ADP-ribose) polymerase family, member 14	2.257	0.0016569
1423786_at	8430410A17Rik	RIKEN cDNA 8430410A17 gene	2.259	0.0022645
1429427_s_at	Tcf7l2	transcription factor 7-like 2, T-cell specific, HMG-box	2.260	0.0011445
1420841_at	Ptpnf	protein tyrosine phosphatase, receptor type, F	2.261	0.0046354
1422959_s_at	Rnf114	ring finger protein 114	2.263	0.0007067
1428351_at	Ppm1m	protein phosphatase 1M	2.263	0.0130522
1456918_at	Raph1	Ras association (RalGDS/AF-6) and pleckstrin homology domains 1	2.264	0.0007318
1459450_at	NA	NA	2.265	0.0042951
1440916_at	2510049J12Rik	RIKEN cDNA 2510049J12 gene	2.266	0.0008702
1429716_at	Zcchc4	zinc finger, CCHC domain containing 4	2.268	0.0029943
1426587_a_at	Stat3	signal transducer and activator of transcription 3	2.268	0.0017956

1439319_at	Elf1	E74-like factor 1	2.268	0.0007724
1451422_at	Myo18a	myosin XVIIIa	2.268	0.0039272
1431900_a_at	Foxa3	forkhead box A3	2.269	0.0056481
1443636_at	NA	NA	2.271	0.0050515
1436909_at	Slc25a44	solute carrier family 25, member 44	2.271	0.0023732
1451567_a_at	Ifi203	interferon activated gene 203	2.271	0.0055376
1448892_at	Dock7	dedicator of cytokinesis 7	2.273	0.0050753
1419450_at	Ormdl3	ORM1-like 3 (S. cerevisiae)	2.273	0.002894
1422018_at	Hivep2	human immunodeficiency virus type 1 enhancer binding protein 2	2.274	0.0025331
1450447_at	Hnf4a	hepatic nuclear factor 4, alpha	2.274	0.0024175
1456694_x_at	Ptpn6	protein tyrosine phosphatase, non-receptor type 6	2.274	0.0008039
1453512_at	5830407P18Rik	RIKEN cDNA 5830407P18 gene	2.275	0.0067246
1431035_at	Daam1	dishevelled associated activator of morphogenesis 1	2.276	0.0055231
1429959_at	Il10rb	interleukin 10 receptor, beta	2.277	0.0008555
1451589_at	Gats	opposite strand transcription unit to Stag3	2.279	0.0064189
1428300_at	Specc1l	SPECC1-like	2.279	0.0007569
1422491_a_at	Bnip2	BCL2/adenovirus E1B interacting protein 2	2.280	0.0008084
1438657_x_at	Ptp4a1	protein tyrosine phosphatase 4a1	2.280	0.0033159

1434027_at	Rcan3	regulator of calcineurin 3	2.281	0.0028728
1420909_at	Vegfa	vascular endothelial growth factor A	2.281	0.001329
1449981_a_at	Nat2	N-acetyltransferase 2 (arylamine N-acetyltransferase)	2.283	0.0009864
1418154_at	N4bp1	NEDD4 binding protein 1	2.284	0.0027342
1439475_at	Zfp429	zinc finger protein 429	2.286	0.0034988
1448406_at	Eid1	EP300 interacting inhibitor of differentiation 1	2.287	0.013646
1442700_at	Pde4b	phosphodiesterase 4B, cAMP specific	2.288	0.0083347
1416432_at	Pfkfb3	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	2.288	0.0010748
1415784_at	Vps35	vacuolar protein sorting 35	2.288	0.003918
1439998_at	Jmjd1c	jumonji domain containing 1C	2.288	0.000989
1437185_s_at	Tmsb10	thymosin, beta 10	2.289	0.002113
1439397_at	Fmn1	formin 1	2.289	0.0037827
1445589_at	NA	NA	2.290	0.0014412
1435665_at	AI451617	expressed sequence AI451617	2.290	0.0018098
1432007_s_at	Ap2a2	adaptor protein complex AP-2, alpha 2 subunit	2.291	0.0033162
1426951_at	Crim1	cysteine rich transmembrane BMP regulator 1 (chordin like)	2.291	0.0027248

1425803_a_at	Mbd2	methyl-CpG binding domain protein 2	2.292	0.0006737
1435979_a_at	Myo15b	myosin XVB	2.292	0.0095335
1415795_at	Spin1	spindlin 1	2.292	0.0015418
1427121_at	Fbxo4	F-box protein 4	2.293	0.0041956
1455204_at	Pitpnc1	phosphatidylinositol transfer protein, cytoplasmic 1	2.293	0.0014634
1432212_at	A1cf	APOBEC1 complementation factor	2.293	0.0012749
1452404_at	Phactr2	phosphatase and actin regulator 2	2.295	0.0008395
1416317_a_at	Stampb	Stam binding protein	2.296	0.0007277
1450915_at	Ap3b1	adaptor-related protein complex 3, beta 1 subunit	2.296	0.0013061
1427488_a_at	Birc6	baculoviral IAP repeat-containing 6	2.296	0.0067697
1457178_at	NA	NA	2.296	0.0008191
1430533_a_at	Ctnnb1	catenin (cadherin associated protein), beta 1	2.297	0.0010378
1417626_at	Pde4dip	phosphodiesterase 4D interacting protein (myomegalin)	2.298	0.0027355
1445862_at	4921513D23Rik	RIKEN cDNA 4921513D23 gene	2.299	0.0007549
1440929_at	Ggnbp2	gametogenetin binding protein 2	2.299	0.0005975
1439124_at	Wdr91	WD repeat domain 91	2.299	0.0046022
1449127_at	Selplg	selectin, platelet (p-selectin) ligand	2.303	0.0038241
1426477_at	Rasa1	RAS p21 protein activator 1	2.303	0.0044918

1433514_at	Etnk1	ethanolamine kinase 1	2.304	0.0012389
1453358_s_at	Amn1	antagonist of mitotic exit network 1 homolog (S. cerevisiae)	2.305	0.0059913
1432845_at	NA	NA	2.305	0.0273758
1431802_a_at	D5Wsu178e	DNA segment, Chr 5, Wayne State University 178, expressed	2.307	0.001001
1449626_s_at	Acbd4	acyl-Coenzyme A binding domain containing 4	2.308	0.0012905
1455331_at	Plekhm3	pleckstrin homology domain containing, family M, member 3	2.308	0.005199
1454655_at	Dgkd	diacylglycerol kinase, delta	2.308	0.0035852
1425329_a_at	Cyb5r3	cytochrome b5 reductase 3	2.308	0.0021276
1432477_at	4930412D23Rik	RIKEN cDNA 4930412D23 gene	2.309	0.0047319
1456821_at	NA	NA	2.313	0.0050578
1451150_at	Zfp410	zinc finger protein 410	2.313	0.001738
1425635_at	Tnk1	tyrosine kinase, non-receptor, 1	2.315	0.000642
1420426_at	Myo7b	myosin VIIb	2.315	0.0019441
1459904_at	BC030870	cDNA sequence BC030870	2.316	0.0014762
1450247_a_at	Scamp5	secretory carrier membrane protein 5	2.317	0.0010087
1418144_a_at	Pip5k1a	phosphatidylinositol-4-phosphate 5-kinase, type 1 alpha	2.317	0.0015887

1416950_at	Tnfaip8	tumor necrosis factor, alpha-induced protein 8	2.317	0.0012215
1418073_at	Acot9	acyl-CoA thioesterase 9	2.318	0.0035321
1418483_a_at	Ggta1	glycoprotein galactosyltransferase alpha 1, 3	2.318	0.0138834
1449934_at	Pura	purine rich element binding protein A	2.318	0.000716
1452833_at	Rapgef2	Rap guanine nucleotide exchange factor (GEF) 2	2.320	0.0019376
1427979_at	4732418C07Rik	RIKEN cDNA 4732418C07 gene	2.320	0.0067216
1452813_a_at	Tmem188	transmembrane protein 188	2.321	0.0062631
1457485_at	NA	NA	2.322	0.0026472
1422702_at	Azin1	antizyme inhibitor 1	2.326	0.0021709
1455021_at	Gabbr1	gamma-aminobutyric acid (GABA-B) receptor, 1	2.327	0.0039008
1432651_at	2510019K15Rik	RIKEN cDNA 2510019K15 gene	2.327	0.0014279
1460063_at	D5Erd798e	DNA segment, Chr 5, ERATO Doi 798, expressed	2.328	0.0007201
1427319_at	A230046K03Rik	RIKEN cDNA A230046K03 gene	2.328	0.004241
1450101_a_at	Magi3	membrane associated guanylate kinase, WW and PDZ domain containing 3	2.329	0.0035494
1422661_at	Lgals8	lectin, galactose binding, soluble 8	2.330	0.0011103
1426879_at	1190005F20Rik	RIKEN cDNA 1190005F20 gene	2.330	0.0015779

1428792_at	Bcas1	breast carcinoma amplified sequence 1	2.331	0.0031244
1457900_at	Ascc3	activating signal cointegrator 1 complex subunit 3	2.331	0.0065913
1451179_a_at	Qk	quaking	2.332	0.004662
1424575_at	Rabl5	RAB, member of RAS oncogene family-like 5	2.332	0.0016807
1424294_at	Ppp4r1	protein phosphatase 4, regulatory subunit 1	2.332	0.0013466
1457793_a_at	Whsc1l1	Wolf-Hirschhorn syndrome candidate 1-like 1 (human)	2.333	0.0009159
1454915_at	Rab3gap2	RAB3 GTPase activating protein subunit 2	2.334	0.0013023
1430671_a_at	0610010K06Rik	RIKEN cDNA 0610010K06 gene	2.334	0.0012161
1437020_at	Ep400	E1A binding protein p400	2.335	0.0030322
1424451_at	Acaa1b	acetyl-Coenzyme A acyltransferase 1B	2.337	0.0111749
1425392_a_at	Nr1i3	nuclear receptor subfamily 1, group I, member 3	2.337	0.0014403
1438279_at	Dpp4	dipeptidylpeptidase 4	2.338	0.0005807
1419879_s_at	Trim25	tripartite motif-containing 25	2.338	0.001788
1443863_at	Fndc3a	fibronectin type III domain containing 3a	2.339	0.0015008
1418432_at	Cab39	calcium binding protein 39	2.341	0.0014587
1443792_at	Tsga14	testis specific gene A14	2.342	0.0022672

1449095_at	Vps54	vacuolar protein sorting 54 (yeast)	2.342	0.0032809
1439150_x_at	Grtp1	GH regulated TBC protein 1	2.342	0.0038701
1421989_s_at	Papss2	3-adenosine 5-phosphosulfate synthase 2	2.343	0.0027281
1440547_at	NA	NA	2.344	0.0009689
1447507_at	C80406	expressed sequence C80406	2.344	0.0044241
1449988_at	Gimap1	GTPase, IMAP family member 1	2.345	0.0015388
1424268_at	Smox	spermine oxidase	2.347	0.0011218
1421845_at	Golph3	golgi phosphoprotein 3	2.352	0.0035761
1442901_at	Tax1bp1	Tax1 (human T-cell leukemia virus type I) binding protein 1	2.353	0.0009078
1429327_at	Sdccag1	serologically defined colon cancer antigen 1	2.354	0.0033116
1449354_at	Zrsr1	zinc finger (CCCH type), RNA binding motif and serine/arginine rich 1	2.358	0.0018084
1416927_at	Trp53inp1	transformation related protein 53 inducible nuclear protein 1	2.359	0.0032553
1450700_at	Cdc42ep3	CDC42 effector protein (Rho GTPase binding) 3	2.361	0.0049072
1422910_s_at	Smc6	structural maintenance of chromosomes 6	2.361	0.0122567

1447930_at	Baz1a	bromodomain adjacent to zinc finger domain 1A	2.364	0.0027636
1438471_at	NA	NA	2.364	0.002387
1433805_at	Jak1	Janus kinase 1	2.365	0.0015203
1420175_at	Tax1bp1	Tax1 (human T-cell leukemia virus type I) binding protein 1	2.366	0.0067467
1431566_at	9030622O22Rik	RIKEN cDNA 9030622O22 gene	2.366	0.0036478
1434069_at	BC067047	cDNA sequence BC067047	2.366	0.0012545
1439467_at	NA	NA	2.367	0.0005046
1417566_at	Abhd5	abhydrolase domain containing 5	2.369	0.0038184
1434086_at	Gpr107	G protein-coupled receptor 107	2.369	0.0006744
1419664_at	Srr	serine racemase	2.370	0.0024254
1438868_at	Phf11	PHD finger protein 11	2.372	0.0007995
1456940_at	Slc43a2	solute carrier family 43, member 2	2.375	0.0104286
1418461_at	Sh3d19	SH3 domain protein D19	2.375	0.0013374
1437129_at	E330018D03Rik	RIKEN cDNA E330018D03 gene	2.376	0.0012016
1416062_at	Tbc1d15	TBC1 domain family, member 15	2.376	0.0037096
1416542_at	Phf1	PHD finger protein 1	2.376	0.0078299
1416872_at	Tspan6	tetraspanin 6	2.377	0.0005474
1440191_s_at	Leng9	leukocyte receptor cluster (LRC) member 9	2.377	0.0030937
1438736_at	Thoc2	THO complex 2	2.380	0.0124696

1428479_at	Nfatc1	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 1	2.382	0.0008383
1425465_a_at	Senp2	SUMO/sentrin specific peptidase 2	2.384	0.0016688
1430523_s_at	Igl-V1	immunoglobulin lambda chain, variable 1	2.384	0.0104588
1423555_a_at	lfi44	interferon-induced protein 44	2.385	0.0005507
1438497_at	Mfsd8	major facilitator superfamily domain containing 8	2.385	0.0010248
1417434_at	Gpd2	glycerol phosphate dehydrogenase 2, mitochondrial	2.387	0.0025599
1419446_at	Tbc1d1	TBC1 domain family, member 1	2.387	0.0006445
1451115_at	Pias3	protein inhibitor of activated STAT 3	2.388	0.0005087
1420896_at	Snap23	synaptosomal-associated protein 23	2.390	0.0008734
1457508_at	C430003N24Rik	RIKEN cDNA C430003N24 gene	2.391	0.0011956
1437200_at	Fcho2	FCH domain only 2	2.392	0.0023728
1425135_a_at	Dnm2	dynamamin 2	2.392	0.0022187
1421457_a_at	Samsn1	SAM domain, SH3 domain and nuclear localization signals, 1	2.392	0.0048561
1441236_at	Slc9a3	solute carrier family 9 (sodium/hydrogen exchanger), member 3	2.392	0.0015264
1442387_at	NA	NA	2.394	0.0122966

1419479_at	Sectm1b	secreted and transmembrane 1B	2.395	0.0061352
1427002_s_at	Arsg	arylsulfatase G	2.395	0.00077
1449949_a_at	Cxadr	coxsackievirus and adenovirus receptor	2.396	0.0005525
1434828_at	B430201A12Rik	RIKEN cDNA B430201A12 gene	2.397	0.0008889
1435342_at	Kcnk6	potassium inwardly-rectifying channel, subfamily K, member 6	2.399	0.0011888
1431131_s_at	A630007B06Rik	RIKEN cDNA A630007B06 gene	2.401	0.0131342
1447839_x_at	Adm	adrenomedullin	2.401	0.0146432
1454107_a_at	Kif2a	kinesin family member 2A	2.401	0.0025247
1445708_x_at	3110021A11Rik	RIKEN cDNA 3110021A11 gene	2.402	0.0025619
1434068_s_at	AI662270	expressed sequence AI662270	2.402	0.0031501
1419305_a_at	Fbxo36	F-box protein 36	2.402	0.0089609
1450459_at	2010106G01Rik	RIKEN cDNA 2010106G01 gene	2.404	0.0149924
1419092_a_at	Slk	STE20-like kinase (yeast)	2.405	0.0011577
1425483_at	Tox	thymocyte selection-associated high mobility group box	2.405	0.0038548
1444175_at	NA	NA	2.407	0.0025686
1447179_at	NA	NA	2.409	0.0021799
1417213_a_at	Rbm6	RNA binding motif protein 6	2.409	0.0003892
1434652_at	Cdc42bpb	Cdc42 binding protein kinase beta	2.411	0.000792
1458618_at	NA	NA	2.413	0.0009964
1447744_s_at	1700110K17Rik	RIKEN cDNA 1700110K17 gene	2.413	0.0038153

1428383_a_at	2310021P13Rik	RIKEN cDNA 2310021P13 gene	2.419	0.0027205
1417279_at	Itpr1	inositol 1,4,5- triphosphate receptor 1	2.422	0.0005602
1430017_at	1600016N20Rik	RIKEN cDNA 1600016N20 gene	2.423	0.0007957
1448748_at	Plek	pleckstrin	2.423	0.0084925
1456493_at	MGC118608	similar to Sp110 nuclear body protein	2.424	0.009587
1423486_at	Cript	cysteine-rich PDZ-binding protein	2.425	0.0011082
1450478_a_at	Ptpn12	protein tyrosine phosphatase, non-receptor type 12	2.425	0.0004456
1427532_at	Trat1	T cell receptor associated transmembrane adaptor 1	2.428	0.0215279
1452784_at	Itgav	integrin alpha V	2.428	0.0006331
1445299_at	NA	NA	2.428	0.0019962
1449303_at	Sesn3	sestrin 3	2.429	0.0003532
1417621_at	Nfatc1	nuclear factor of activated T- cells, cytoplasmic, calcineurin- dependent 1	2.430	0.0162615
1445178_at	Sh3rf1	SH3 domain containing ring finger 1	2.430	0.0022893
1420839_at	Plekha3	pleckstrin homology domain- containing, family A (phosphoinositid e binding specific) member 3	2.430	0.0025649
1415737_at	Rfk	riboflavin kinase	2.430	0.0008302

1451520_at	Spg20	spastic paraplegia 20, spartin (Troyer syndrome) homolog (human)	2.431	0.0015624
1417982_at	Insig2	insulin induced gene 2	2.432	0.0024173
1427016_at	4932438A13Rik	RIKEN cDNA 4932438A13 gene	2.432	0.0003209
1423140_at	Lipa	lysosomal acid lipase A	2.433	0.0084391
1432918_at	4921511E18Rik	RIKEN cDNA 4921511E18 gene	2.434	0.0023595
1450973_s_at	Mapkbp1	mitogen-activated protein kinase binding protein 1	2.434	0.0018449
1425567_a_at	Anxa5	annexin A5	2.435	0.0029173
1436589_x_at	Prkd2	protein kinase D2	2.436	0.0030612
1423661_s_at	Ctdsp2	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase 2	2.436	0.0014656
1418627_at	Gclm	glutamate-cysteine ligase , modifier subunit	2.437	0.0014443
1428696_at	Rftn1	raftlin lipid raft linker 1	2.438	0.005926
1437864_at	Adipor2	adiponectin receptor 2	2.439	0.0007045
1457026_at	Liph	lipase, member H	2.439	0.0005288
1448939_at	Usp25	ubiquitin specific peptidase 25	2.441	0.0006297
1450695_at	Ahr	aryl-hydrocarbon receptor	2.442	0.0016655
1419393_at	Abcg5	ATP-binding cassette, sub-family G (WHITE), member 5	2.442	0.0011252

1416639_at	Slc2a5	solute carrier family 2 (facilitated glucose transporter), member 5	2.442	0.001504
1455476_a_at	Gse1	genetic suppressor element 1	2.442	0.0004822
1459829_x_at	BC031781	cDNA sequence BC031781	2.442	0.008657
1443057_at	NA	NA	2.444	0.0009725
1437274_at	Copa	coatamer protein complex subunit alpha	2.444	0.0004266
1422638_s_at	Rassf5	Ras association (RalGDS/AF-6) domain family member 5	2.445	0.000885
1421129_a_at	Atp2a3	ATPase, Ca ⁺⁺ transporting, ubiquitous	2.446	0.0017268
1448783_at	Slc7a9	solute carrier family 7 (cationic amino acid transporter, y ⁺ system), member 9	2.446	0.0015214
1422677_at	Dgat2	diacylglycerol O-acyltransferase 2	2.447	0.0005278
1437856_at	Ipmk	inositol polyphosphate multikinase	2.448	0.0024887
1420931_at	Mapk8	mitogen-activated protein kinase 8	2.449	0.003461
1439298_at	NA	NA	2.449	0.0008716
1457209_at	Ddhd2	DDHD domain containing 2	2.450	0.000382
1422943_a_at	Hspb1	heat shock protein 1	2.450	0.0011086
1419587_s_at	Rp2h	retinitis pigmentosa 2 homolog (human)	2.450	0.0059788

1430804_at	Slc13a1	solute carrier family 13 (sodium/sulfate symporters), member 1	2.451	0.0003744
1448008_at	Ankhd1	ankyrin repeat and KH domain containing 1	2.452	0.0005266
1449474_a_at	Nelf	nasal embryonic LHRH factor	2.454	0.0015427
1425528_at	Prrx1	paired related homeobox 1	2.455	0.0033693
1441090_at	Numa1	nuclear mitotic apparatus protein 1	2.458	0.0028383
1449839_at	Casp3	caspase 3	2.459	0.000617
1438771_at	Brd1	bromodomain containing 1	2.459	0.0004998
1425118_at	Spire2	spire homolog 2 (Drosophila)	2.461	0.0050456
1452742_at	Trak1	trafficking protein, kinesin binding 1	2.461	0.0009821
1431507_a_at	Synj2bp	synaptojanin 2 binding protein	2.461	0.001464
1419128_at	Itgax	integrin alpha X	2.463	0.0040332
1440972_at	Nsd1	nuclear receptor-binding SET-domain protein 1	2.463	0.0028728
1418431_at	Kif5b	kinesin family member 5B	2.464	0.0032059
1422455_s_at	Nsf	N-ethylmaleimide sensitive fusion protein	2.464	0.0027907
1436984_at	Abi2	abl-interactor 2	2.468	0.0032724
1452333_at	Smarca2	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2	2.469	0.0018

1416568_a_at	Acin1	apoptotic chromatin condensation inducer 1	2.469	0.000461
1419971_s_at	Slc35a5	solute carrier family 35, member A5	2.470	0.0010065
1426923_at	Hrb	HIV-1 Rev binding protein	2.470	0.0007511
1445571_at	NA	NA	2.471	0.0008453
1419167_at	Prap1	proline-rich acidic protein 1	2.472	0.0002844
1415805_at	Clps	colipase, pancreatic	2.473	0.0013584
1439805_at	Nfat5	nuclear factor of activated T-cells 5	2.478	0.000893
1423240_at	Src	Rous sarcoma oncogene	2.479	0.0028363
1438999_a_at	Nfat5	nuclear factor of activated T-cells 5	2.480	0.0003961
1423613_at	Ssfa2	sperm specific antigen 2	2.480	0.000425
1448037_at	NA	NA	2.481	0.001401
1434153_at	Shb	src homology 2 domain-containing transforming protein B	2.481	0.0012082
1417219_s_at	Tmsb10	thymosin, beta 10	2.481	0.0010986
1428324_at	Gpd2	glycerol phosphate dehydrogenase 2, mitochondrial	2.481	0.0003352
1415919_at	Npdc1	neural proliferation, differentiation and control gene 1	2.481	0.0008396
1417142_at	4932442K08Rik	RIKEN cDNA 4932442K08 gene	2.483	0.0002756
1439129_at	Dock5	dedicator of cytokinesis 5	2.483	0.0015099

1452381_at	Creb3l2	cAMP responsive element binding protein 3-like 2	2.484	0.0004242
1445778_at	NA	NA	2.484	0.0014786
1419974_at	Scp2	sterol carrier protein 2, liver	2.486	0.0014086
1425686_at	Cflar	CASP8 and FADD-like apoptosis regulator	2.487	0.0019607
1425556_at	Crkrs	Cdc2-related kinase, arginine/serine-rich	2.488	0.0008184
1434873_a_at	Centb1	centaurin, beta 1	2.490	0.0052074
1430890_at	2210010C17Rik	RIKEN cDNA 2210010C17 gene	2.491	0.0009009
1451361_a_at	Pnpla7	patatin-like phospholipase domain containing 7	2.495	0.0002697
1455128_x_at	Tnrc6a	trinucleotide repeat containing 6a	2.498	0.0002751
1436607_a_at	C330002I19Rik	RIKEN cDNA C330002I19 gene	2.498	0.003523
1429639_at	Prei4	preimplantation protein 4	2.498	0.0012898
1452694_at	Ihpk1	inositol hexaphosphate kinase 1	2.500	0.0005957
1426184_a_at	Pdcd6ip	programmed cell death 6 interacting protein	2.501	0.001054
1443199_at	Lrch3	leucine-rich repeats and calponin homology (CH) domain containing 3	2.501	0.0003447
1447059_at	NA	NA	2.501	0.0010163
1425456_a_at	Map2k3	mitogen-activated protein kinase kinase 3	2.502	0.0005601

1428829_at	6820401H01Rik	RIKEN cDNA 6820401H01 gene	2.502	0.0008447
1449399_a_at	Il1b	interleukin 1 beta	2.502	0.0024836
1451717_s_at	Senp2	SUMO/sentrin specific peptidase 2	2.503	0.0076
1442061_at	Btbd7	BTB (POZ) domain containing 7	2.503	0.0010332
1425120_x_at	1810023F06Rik	RIKEN cDNA 1810023F06 gene	2.504	0.0005247
1449403_at	Pde9a	phosphodiesterase 9A	2.505	0.0006893
1447304_at	NA	NA	2.505	0.0091766
1417090_at	Rcn1	reticulocalbin 1	2.506	0.0005647
1433462_a_at	Pi4k2a	phosphatidylinositol 4-kinase type 2 alpha	2.507	0.0015462
1416308_at	Ugdh	UDP-glucose dehydrogenase	2.509	0.001776
1437491_at	Bicd2	bicaudal D homolog 2 (Drosophila)	2.509	0.0082896
1455497_at	Leng9	leukocyte receptor cluster (LRC) member 9	2.512	0.0007108
1424927_at	Glipr1	GLI pathogenesis- related 1 (glioma)	2.512	0.0005313
1450872_s_at	Lipa	lysosomal acid lipase A	2.512	0.0004786
1418762_at	Cd55	CD55 antigen	2.512	0.0017658
1428347_at	Cyfp2	cytoplasmic FMR1 interacting protein 2	2.514	0.0021445
1426777_a_at	Wasl	Wiskott-Aldrich syndrome-like (human)	2.515	0.0007775
1453021_at	Stxbp5	syntaxin binding protein 5 (tomosyn)	2.516	0.0006563
1431100_at	Rinl	Ras and Rab interactor-like	2.518	0.0015045

1429796_at	Kalrn	kalirin, RhoGEF kinase	2.520	0.0008154
1427526_at	Fgfr1op2	FGFR1 oncogene partner 2	2.520	0.0024412
1437317_at	Ube1l	ubiquitin-activating enzyme E1-like	2.521	0.0012221
1430357_at	H3f3b	H3 histone, family 3B	2.522	0.0003707
1455105_at	Ptpn12	protein tyrosine phosphatase, non-receptor type 12	2.522	0.0006061
1453737_at	Wipf2	WAS/WASL interacting protein family, member 2	2.524	0.0016221
1459488_at	NA	NA	2.524	0.0021201
1437756_at	Gimap9	GTPase, IMAP family member 9	2.526	0.0008242
1430388_a_at	Sulf2	sulfatase 2	2.527	0.0004035
1454075_s_at	Nudt13	nudix (nucleoside diphosphate linked moiety X)-type motif 13	2.530	0.0011362
1429537_at	Sfrs18	splicing factor, arginine/serine-rich 18	2.531	0.0002113
1446689_at	Nlrc3	NLR family, CARD domain containing 3	2.533	0.010224
1422975_at	Mme	membrane metallo endopeptidase	2.537	0.000823
1419039_at	Cyp2d22	cytochrome P450, family 2, subfamily d, polypeptide 22	2.538	0.0020469
1458039_at	NA	NA	2.541	0.0015333
1448029_at	Tbx3	T-box 3	2.542	0.000394
1446735_at	Itsn2	intersectin 2	2.543	0.0015126
1418183_a_at	Cyth1	cytohesin 1	2.544	0.0005365

1416794_at	Arl6ip2	ADP-ribosylation factor-like 6 interacting protein 2	2.544	0.0007039
1439244_a_at	Tnrc6a	trinucleotide repeat containing 6a	2.544	0.0002545
1417061_at	Slc40a1	solute carrier family 40 (iron-regulated transporter), member 1	2.546	0.0043548
1427334_s_at	2810474O19Rik	RIKEN cDNA 2810474O19 gene	2.549	0.0014909
1452477_at	3110057O12Rik	RIKEN cDNA 3110057O12 gene	2.549	0.0004061
1460579_at	Dnpep	aspartyl aminopeptidase	2.552	0.0003738
1420899_at	Rab18	RAB18, member RAS oncogene family	2.553	0.000938
1449862_a_at	Pi4k2b	phosphatidylinositol 4-kinase type 2 beta	2.555	0.0003863
1427032_at	Herc4	hect domain and RLD 4	2.559	0.000589
1443115_at	NA	NA	2.562	0.0075331
1421879_at	Mtmr1	myotubularin related protein 1	2.563	0.0042826
1457216_at	NA	NA	2.564	0.0013974
1440443_at	E030016H06Rik	RIKEN cDNA E030016H06 gene	2.564	0.0018583
1453144_at	4933439C20Rik	RIKEN cDNA 4933439C20 gene	2.565	0.0014102
1418392_a_at	Gbp3	guanylate binding protein 3	2.565	0.0033352
1431133_at	Arhgap18	Rho GTPase activating protein 18	2.565	0.0003834
1423411_at	Rbm47	RNA binding motif protein 47	2.565	0.0024534

1418722_at	Ngp	neutrophilic granule protein	2.566	0.0067863
1421073_a_at	Ptger4	prostaglandin E receptor 4 (subtype EP4)	2.567	0.0003851
1436168_at	C730029A08Rik	RIKEN cDNA C730029A08 gene	2.570	0.000515
1454070_a_at	Ddhd1	DDHD domain containing 1	2.573	0.000291
1429336_at	Tmem87b	transmembrane protein 87B	2.576	0.0004187
1420517_at	Chmp4c	chromatin modifying protein 4C	2.578	0.0005688
1445552_at	NA	NA	2.579	0.0002705
1443894_at	Evi2a	ecotropic viral integration site 2a	2.582	0.0007678
1430172_a_at	Cyp4f16	cytochrome P450, family 4, subfamily f, polypeptide 16	2.584	0.0003977
1439259_x_at	Abhd4	abhydrolase domain containing 4	2.586	0.0008824
1448548_at	Tulp4	tubby like protein 4	2.586	0.0002566
1444479_at	NA	NA	2.586	0.0002493
1440749_at	NA	NA	2.588	0.0003813
1430999_a_at	Scoc	short coiled-coil protein	2.588	0.0037829
1426892_at	Utrn	utrophin	2.588	0.0031119
1418881_at	Necab2	N-terminal EF-hand calcium binding protein 2	2.591	0.0024735
1458308_at	Sbno2	strawberry notch homolog 2 (Drosophila)	2.595	0.0003474
1416804_at	Ehbp111	EH domain binding protein 1 like 1	2.595	0.002494
1452563_a_at	Jarid1d	jumonji, AT rich interactive domain 1D (Rbp2 like)	2.595	0.001838
1429173_at	Dnase111	deoxyribonuclease 1-like 1	2.597	0.001611

1439107_a_at	Mll5	myeloid/lymphoid or mixed-lineage leukemia 5	2.598	0.0002942
1436329_at	Egr3	early growth response 3	2.602	0.0047159
1434302_at	Raph1	Ras association (RalGDS/AF-6) and pleckstrin homology domains 1	2.602	0.0002141
1427689_a_at	Tnip1	TNFAIP3 interacting protein 1	2.603	0.0009212
1423995_at	Kif1b	kinesin family member 1B	2.606	0.0006653
1419372_at	Gosr2	golgi SNAP receptor complex member 2	2.610	0.0036619
1424850_at	Map3k1	mitogen-activated protein kinase kinase kinase 1	2.611	0.0001609
1447774_x_at	5730469M10Rik	RIKEN cDNA 5730469M10 gene	2.612	0.0020316
1429784_at	Mapk1ip1l	mitogen-activated protein kinase 1 interacting protein 1-like	2.613	0.0003837
1426098_a_at	Cast	calpastatin	2.613	0.0003451
1418754_at	Adcy8	adenylate cyclase 8	2.615	0.0057368
1444875_at	NA	NA	2.616	0.0057466
1452431_s_at	H2-Aa	histocompatibility 2, class II antigen A, alpha	2.617	0.0049268
1430672_at	5033418A18Rik	RIKEN cDNA 5033418A18 gene	2.618	0.0002192
1448798_at	Eps8l3	ESP8-like 3	2.620	0.0008499
1428574_a_at	Chn2	chimerin (chimaerin) 2	2.622	0.0007635
1436994_a_at	Hist1h1c	histone cluster 1, H1c	2.624	0.0012681
1428242_at	Hmha1	histocompatibility (minor) HA-1	2.625	0.0083046

1422876_at	Capn9	calpain 9	2.626	0.0022373
1426541_a_at	Endod1	endonuclease domain containing 1	2.627	0.0007035
1417632_at	Atp6v0a1	ATPase, H+ transporting, lysosomal V0 subunit A1	2.627	0.010979
1425634_a_at	Tnk1	tyrosine kinase, non-receptor, 1	2.629	0.0001502
1436897_at	Mfhas1	malignant fibrous histiocytoma amplified sequence 1	2.630	0.0006725
1442295_at	Arpc2	actin related protein 2/3 complex, subunit 2	2.633	0.0001944
1455056_at	Lmo7	LIM domain only 7	2.634	0.0004005
1454149_a_at	Ccnl2	cyclin L2	2.635	0.0005211
1426458_at	Slmap	sarcolemma associated protein	2.638	0.0013249
1460342_s_at	Mrip	myosin phosphatase Rho interacting protein	2.639	0.0002286
1424552_at	Casp8	caspase 8	2.640	0.0004442
1443867_at	Ankrd12	ankyrin repeat domain 12	2.641	0.0023412
1453622_s_at	Mllt3	myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila); translocated to, 3	2.642	0.0002635
1424453_at	Pcyt1a	phosphate cytidyltransferase 1, choline, alpha isoform	2.643	0.0009207
1455996_x_at	Prap1	proline-rich acidic protein 1	2.643	0.0005313
1460420_a_at	Egfr	epidermal growth factor receptor	2.645	0.0002477

1421604_a_at	Klf3	Kruppel-like factor 3 (basic)	2.647	0.0001989
1441835_x_at	Mtmr11	myotubularin related protein 11	2.647	0.0002203
1451253_at	Pxk	PX domain containing serine/threonine kinase	2.649	0.0003732
1455037_at	Plxna2	plexin A2	2.650	0.002228
1456133_x_at	Itgb5	integrin beta 5	2.653	0.0008637
1460126_at	NA	NA	2.656	0.0012245
1425226_x_at	Tcrb-J	T-cell receptor beta, joining region	2.657	0.0013767
1442925_at	2610207105Rik	RIKEN cDNA 2610207105 gene	2.658	0.0009317
1424805_a_at	Tmem214	transmembrane protein 214	2.664	0.0014265
1452885_at	Sfrs2ip	splicing factor, arginine/serine-rich 2, interacting protein	2.664	0.0140762
1425822_a_at	Dtx1	deltex 1 homolog (Drosophila)	2.665	0.0038783
1423403_at	Mapkbp1	mitogen-activated protein kinase binding protein 1	2.667	0.0010562
1431120_a_at	Golga1	golgi autoantigen, golgin subfamily a, 1	2.668	0.000203
1444100_at	NA	NA	2.669	0.0006658
1438118_x_at	Vim	vimentin	2.669	0.0007977
1459667_at	Arhgap17	Rho GTPase activating protein 17	2.669	0.0001379
1434393_at	Usp34	ubiquitin specific peptidase 34	2.669	0.0031578
1436710_at	Zswim4	zinc finger, SWIM domain containing 4	2.670	0.0052814
1431630_a_at	Klf3	Kruppel-like factor 3 (basic)	2.672	0.0002825

1451485_at	3300001P08Rik	RIKEN cDNA 3300001P08 gene	2.672	0.0021822
1451530_at	Egfr	epidermal growth factor receptor	2.674	0.0003208
1442554_s_at	Kalrn	kalirin, RhoGEF kinase	2.675	0.0114661
1416424_at	M6prbp1	mannose-6- phosphate receptor binding protein 1	2.680	0.0002508
1422823_at	Eps8	epidermal growth factor receptor pathway substrate 8	2.681	0.0004729
1422090_a_at	Pfkfb2	6-phosphofructo- 2- kinase/fructose- 2,6- biphosphatase 2	2.682	0.0042217
1424724_a_at	D16Erd472e	DNA segment, Chr 16, ERATO Doi 472, expressed	2.683	0.0044688
1455865_at	Insm1	insulinoma- associated 1	2.683	0.0021058
1436902_x_at	Tmsb10	thymosin, beta 10	2.685	0.0004693
1421987_at	Papss2	3-adenosine-5- phosphoadenosi- ne 5-phosphosulfate synthase 2	2.686	0.000734
1435066_at	Pitpnc1	phosphatidylinos- itol transfer protein, cytoplasmic 1	2.686	0.0003327
1441924_x_at	Edn3	endothelin 3	2.688	0.0002964
1416488_at	Ccng2	cyclin G2	2.688	0.0019314
1453740_a_at	Ccnl2	cyclin L2	2.688	0.0002184
1440984_at	Baz2b	bromodomain adjacent to zinc finger domain, 2B	2.688	0.0001864
1438556_a_at	Tmod3	tropomodulin 3	2.690	0.0026325

1420493_a_at	Pcyt2	phosphate cytidyltransferase 2, ethanolamine	2.692	0.0012949
1440461_at	NA	NA	2.694	0.000268
1449043_at	Naga	N-acetyl galactosaminidase, alpha	2.697	0.0005576
1428045_a_at	Elf2	E74-like factor 2	2.698	0.0001786
1441823_at	Zmiz1	zinc finger, MIZ-type containing 1	2.699	0.0001986
1418313_at	Zfp276	zinc finger protein (C2H2 type) 276	2.699	0.0019528
1416130_at	Prnp	prion protein	2.700	0.0008383
1434303_at	Raph1	Ras association (RalGDS/AF-6) and pleckstrin homology domains 1	2.707	0.0002851
1448021_at	NA	NA	2.708	0.0040556
1424530_at	Sec14l2	SEC14-like 2 (S. cerevisiae)	2.709	0.0010813
1452161_at	Tiparp	TCDD-inducible poly(ADP-ribose) polymerase	2.711	0.0013213
1439038_at	9130227C08Rik	RIKEN cDNA 9130227C08Rik gene	2.711	0.0002857
1448132_at	Slc19a1	solute carrier family 19 (sodium/hydrogen exchanger), member 1	2.712	0.0005756
1418826_at	Ms4a6b	membrane-spanning 4-domains, subfamily A, member 6B	2.713	0.0008463
1416230_at	Rfk	riboflavin kinase	2.717	0.0003675
1434380_at	Gbp6	guanylate binding protein 6	2.717	0.0003295

1428466_at	Chd3	chromodomain helicase DNA binding protein 3	2.719	0.0016882
1436337_at	4930420K17Rik	RIKEN cDNA 4930420K17 gene	2.722	0.0008394
1427932_s_at	1200016E24Rik	RIKEN cDNA 1200016E24 gene	2.722	0.000262
1449847_a_at	Col4a3bp	collagen, type IV, alpha 3 (Goodpasture antigen) binding protein	2.723	0.0001897
1436936_s_at	Tsix	X (inactive)- specific transcript, antisense	2.730	0.0043091
1417300_at	Smpdl3b	sphingomyelin phosphodiesterase, acid-like 3B	2.731	0.0002442
1455067_at	Psd4	pleckstrin and Sec7 domain containing 4	2.732	0.001923
1448648_at	9130005N14Rik	RIKEN cDNA 9130005N14 gene	2.732	0.0007062
1428881_at	Klc1	kinesin light chain 1	2.734	0.0001159
1456981_at	Tmc7	transmembrane channel-like gene family 7	2.735	0.0011642
1425733_a_at	Eps8	epidermal growth factor receptor pathway substrate 8	2.736	0.0002185
1427980_at	4933407C03Rik	RIKEN cDNA 4933407C03 gene	2.736	0.0004055
1418296_at	Fxyd5	FXYD domain- containing ion transport regulator 5	2.737	0.0009917
1424398_at	Dhx36	DEAH (Asp-Glu- Ala-His) box polypeptide 36	2.739	0.0023037
1433477_at	Abr	active BCR- related gene	2.741	0.0006225

1422703_at	Gyk	glycerol kinase	2.741	0.0007692
1427978_at	4732418C07Rik	RIKEN cDNA 4732418C07 gene	2.741	0.0008312
1425747_at	Dock5	dedicator of cytokinesis 5	2.741	0.0006842
1423201_at	Ncor1	nuclear receptor co-repressor 1	2.745	0.0016221
1450007_at	1500003O03Rik	RIKEN cDNA 1500003O03 gene	2.746	9.75E-05
1437938_x_at	Dnm2	dynamamin 2	2.746	0.0014558
1434295_at	Rasgrp1	RAS guanyl releasing protein 1	2.748	0.0015
1452214_at	Skil	SKI-like	2.749	0.0002278
1439656_at	Pafah1b1	platelet- activating factor acetylhydrolase, isoform 1b, beta1 subunit	2.750	0.0001078
1429009_at	Snrp70	U1 small nuclear ribonucleoprotei n polypeptide A	2.750	0.0006434
1439599_at	Gal3st2	galactose-3-O- sulfotransferase 2	2.751	0.0005011
1452348_s_at	lfi205	interferon activated gene 205	2.754	0.0041207
1423875_at	AI450540	expressed sequence AI450540	2.756	0.0001436
1425073_at	Plekhg6	pleckstrin homology domain containing, family G (with RhoGef domain) member 6	2.760	0.0008959
1428471_at	Sorbs1	sorbin and SH3 domain containing 1	2.760	0.0001333
1431077_at	Alpi	alkaline phosphatase, intestinal	2.761	0.0001607
1441756_at	NA	NA	2.762	0.0011702

1451383_a_at	Chuk	conserved helix-loop-helix ubiquitous kinase	2.762	0.0003857
1433842_at	Lrrfip1	leucine rich repeat (in FLII) interacting protein 1	2.763	0.0002978
1456489_at	Pcf11	cleavage and polyadenylation factor subunit homolog (S. cerevisiae)	2.764	0.000174
1418562_at	Sf3b1	splicing factor 3b, subunit 1	2.765	0.0003952
1418181_at	Ptp4a3	protein tyrosine phosphatase 4a3	2.767	0.0043873
1435857_s_at	Aplp1	amyloid beta (A4) precursor-like protein 1	2.770	0.0020273
1451275_at	Uhrf1bp1l	UHRF1 (ICBP90) binding protein 1 like	2.770	0.0001347
1458210_at	9130404H23Rik	RIKEN cDNA 9130404H23 gene	2.772	0.0004452
1434059_at	B230312A22Rik	RIKEN cDNA B230312A22 gene	2.772	0.00023
1416842_at	Gstm5	glutathione S-transferase, mu 5	2.772	9.74E-05
1448352_at	Luzp1	leucine zipper protein 1	2.772	0.0044153
1417388_at	Bex2	brain expressed X-linked 2	2.772	0.0013986
1418348_a_at	Ascc2	activating signal cointegrator 1 complex subunit 2	2.776	0.0001536
1425787_a_at	Sytl3	synaptotagmin-like 3	2.776	0.0001547
1459525_at	NA	NA	2.776	0.0001926
1433770_at	Dpysl2	dihydropyrimidinase-like 2	2.777	0.000103
1421275_s_at	Socs4	suppressor of cytokine signaling 4	2.779	0.0007966

1431197_at	Arl6ip2	ADP-ribosylation factor-like 6 interacting protein 2	2.780	0.0007749
1427509_at	Baiap3	BAI1-associated protein 3	2.781	0.0028547
1436858_at	Mbnl2	muscleblind-like 2	2.783	0.0001478
1447788_s_at	Tspyl3	TSPY-like 3	2.784	0.0015015
1455162_at	Ttc39a	tetratricopeptide repeat domain 39A	2.786	0.0007813
1416229_at	Rfk	riboflavin kinase	2.790	0.0002045
1457608_at	NA	NA	2.791	9.61E-05
1428729_at	Krit1	KRIT1, ankyrin repeat containing	2.791	0.0002591
1451502_at	Pla2g10	phospholipase A2, group X	2.792	0.001287
1460380_at	Dsg2	desmoglein 2	2.793	0.0007767
1452070_at	Dedd2	death effector domain-containing DNA binding protein 2	2.795	0.001551
1426928_at	Ccdc93	coiled-coil domain containing 93	2.798	0.002255
1424876_s_at	Spg20	spastic paraplegia 20, spartin (Troyer syndrome) homolog (human)	2.800	9.22E-05
1438011_at	Pcyt1a	phosphate cytidylyltransferase 1, choline, alpha isoform	2.800	0.0003571
1427885_at	Pold4	polymerase (DNA-directed), delta 4	2.800	0.0001855
1427184_at	Tcrb-J	T-cell receptor beta, joining region	2.804	0.0035139
1449968_s_at	Acot10	acyl-CoA thioesterase 10	2.805	0.0006906

1430579_at	Tnik	TRAF2 and NCK interacting kinase	2.806	0.0002307
1450987_a_at	2310004I24Rik	RIKEN cDNA 2310004I24 gene	2.807	0.0004883
1450170_x_at	H2-D1	histocompatibility 2, D region locus 1	2.808	0.0033022
1434089_at	Synpo	synaptopodin	2.810	0.0020629
1423141_at	Lipa	lysosomal acid lipase A	2.810	0.0006736
1451916_s_at	Trim15	tripartite motif-containing 15	2.810	0.0013223
1440351_at	NA	NA	2.812	0.0018669
1447830_s_at	Rgs2	regulator of G-protein signaling 2	2.822	0.0019645
1425854_x_at	Tcrb-J	T-cell receptor beta, joining region	2.826	0.0022878
1420411_a_at	Pi4k2b	phosphatidylinositol 4-kinase type 2 beta	2.828	0.0009041
1427407_s_at	Trip11	thyroid hormone receptor interactor 11	2.829	0.000274
1452466_a_at	Rbm6	RNA binding motif protein 6	2.833	0.000175
1436905_x_at	Laptm5	lysosomal-associated protein transmembrane 5	2.834	0.0017771
1444017_at	NA	NA	2.835	0.00066
1428312_at	Lrrc57	leucine rich repeat containing 57	2.835	0.000154
1431804_a_at	Sp3	trans-acting transcription factor 3	2.837	0.0044999
1455899_x_at	Socs3	suppressor of cytokine signaling 3	2.837	0.0011456
1448007_at	Baz2b	bromodomain adjacent to zinc finger domain, 2B	2.838	0.0009659
1424217_at	Papola	poly (A) polymerase alpha	2.839	0.0004522

1422735_at	Foxq1	forkhead box Q1	2.840	0.0003333
1423597_at	Atp8a1	ATPase, aminophospholipid transporter (APLT), class I, type 8A, member 1	2.841	0.0020181
1434894_at	Zc3h13	zinc finger CCCH type containing 13	2.841	8.89E-05
1418018_at	Cpd	carboxypeptidase D	2.842	0.0058498
1425921_a_at	1810055G02Rik	RIKEN cDNA 1810055G02 gene	2.842	0.0004683
1447421_at	NA	NA	2.845	0.0002987
1435679_at	Optn	optineurin	2.846	0.0003218
1436890_at	Uap1l1	UDP-N-acetylglucosamine pyrophosphorylase 1-like 1	2.846	0.0011
1422968_at	Ihpk1	inositol hexaphosphate kinase 1	2.848	0.0004999
1442453_at	Fcho2	FCH domain only 2	2.852	0.0003337
1428463_a_at	Ppp2r5e	protein phosphatase 2, regulatory subunit B (B56), epsilon isoform	2.854	0.000656
1436983_at	Crebbp	CREB binding protein	2.855	0.0008276
1422123_s_at	Ceacam1	carcinoembryonic antigen-related cell adhesion molecule 1	2.857	0.0018805
1451486_at	Slc46a3	solute carrier family 46, member 3	2.858	0.000892
1427646_a_at	Arhgef2	rho/rac guanine nucleotide exchange factor (GEF) 2	2.860	0.0003371
1417820_at	Tor1b	torsin family 1, member B	2.863	0.0001831
1427007_at	Sash3	SAM and SH3 domain containing 3	2.863	0.0027802

1429006_s_at	2610110G12Rik	RIKEN cDNA 2610110G12 gene	2.865	0.0007151
1456888_at	Pfkfb4	6-phosphofructo- 2- kinase/fructose- 2,6- biphosphatase 4	2.867	0.0002428
1457348_at	NA	NA	2.867	0.0001754
1428119_a_at	Rap2c	RAP2C, member of RAS oncogene family	2.868	0.0003074
1417292_at	lfi47	interferon gamma inducible protein 47	2.868	0.0004182
1426225_at	Rbp4	retinol binding protein 4, plasma	2.871	0.0012584
1438673_at	Slc4a7	solute carrier family 4, sodium bicarbonate cotransporter, member 7	2.873	0.0010856
1430680_a_at	5830417110Rik	RIKEN cDNA 5830417110 gene	2.881	0.0018749
1445239_at	Gatad2a	GATA zinc finger domain containing 2A	2.882	7.84E-05
1421489_a_at	2010106E10Rik	RIKEN cDNA 2010106E10 gene	2.883	0.0001821
1449311_at	Bach1	BTB and CNC homology 1	2.884	0.0001191
1418643_at	Tspan13	tetraspanin 13	2.887	0.0001722
1426595_at	Slc18a1	solute carrier family 18 (vesicular monoamine), member 1	2.888	0.0002019
1426972_at	Sec24d	Sec24 related gene family, member D (S. cerevisiae)	2.889	0.0002126
1459906_at	NA	NA	2.891	0.0002149
1448233_at	Prnp	prion protein	2.895	8.28E-05

1455735_at	Ap1s3	adaptor-related protein complex AP-1, sigma 3	2.897	0.0006364
1426831_at	Ahcy1	S-adenosylhomocysteine hydrolase-like 1	2.898	0.0003156
1459565_at	Uty	ubiquitously transcribed tetratricopeptide repeat gene, Y chromosome	2.899	0.0005426
1437813_at	Aim1l	absent in melanoma 1-like	2.901	6.22E-05
1448160_at	Lcp1	lymphocyte cytosolic protein 1	2.902	0.0004956
1416437_a_at	Mapk8ip3	mitogen-activated protein kinase 8 interacting protein 3	2.904	0.00376
1452231_x_at	Ifi205	interferon activated gene 205	2.905	0.0011715
1430996_at	Etnk1	ethanolamine kinase 1	2.906	0.0001212
1428484_at	Osbpl3	oxysterol binding protein-like 3	2.907	0.0004068
1425584_x_at	NA	NA	2.907	0.000453
1438549_a_at	Srr	serine racemase	2.908	0.0004273
1437252_at	Gats	opposite strand transcription unit to Stag3	2.912	0.0009158
1421957_a_at	Pcyt1a	phosphate cytidyltransferase 1, choline, alpha isoform	2.913	0.0002882
1460419_a_at	Prkcb	protein kinase C, beta	2.916	0.0009282
1451714_a_at	Map2k3	mitogen-activated protein kinase kinase 3	2.918	9.03E-05
1418884_x_at	Tuba1a	tubulin, alpha 1A	2.919	0.0002148

1418758_a_at	Cyth3	cytohesin 3	2.919	0.0020272
1451680_at	Srxn1	sulfiredoxin 1 homolog (S. cerevisiae)	2.922	0.0003459
1452428_a_at	B2m	beta-2 microglobulin	2.923	0.0003217
1434300_at	2610101N10Rik	RIKEN cDNA 2610101N10 gene	2.923	0.0007582
1434140_at	Mcf2l	mcf.2 transforming sequence-like	2.927	0.0001328
1453015_at	5830471E12Rik	RIKEN cDNA 5830471E12 gene	2.927	0.000592
1448485_at	Ggt1	gamma-glutamyltransferase 1	2.929	0.0017652
1452193_a_at	Wasl	Wiskott-Aldrich syndrome-like (human)	2.931	0.000534
1451821_a_at	Sp100	nuclear antigen Sp100	2.932	0.0004365
1419631_at	Was	Wiskott-Aldrich syndrome homolog (human)	2.940	0.0008224
1460650_at	Atp6v0a1	ATPase, H+ transporting, lysosomal V0 subunit A1	2.941	0.0007495
1453185_at	Sfrs18	splicing factor, arginine/serine-rich 18	2.941	0.0027026
1449430_a_at	Treh	trehalase (brush-border membrane glycoprotein)	2.945	0.0030238
1426628_at	Tmem184c	transmembrane protein 184C	2.946	0.0002789
1437249_at	Skap1	src family associated phosphoprotein 1	2.947	0.0006156
1440218_at	Pcdh24	protocadherin 24	2.948	0.000807
1434005_at	Rbms1	RNA binding motif, single stranded interacting protein 1	2.949	0.0034075

1421043_s_at	Arhgef2	rho/rac guanine nucleotide exchange factor (GEF) 2	2.951	0.0003636
1438074_at	2210010C17Rik	RIKEN cDNA 2210010C17 gene	2.952	0.0003754
1446417_at	NA	NA	2.954	0.0001532
1448467_a_at	Ehbp111	EH domain binding protein 1 like 1	2.957	0.0002374
1427329_a_at	Igh-6	immunoglobulin heavy chain 6 (heavy chain of IgM)	2.958	0.0016325
1444574_at	NA	NA	2.962	0.0024743
1425826_a_at	Sorbs1	sorbin and SH3 domain containing 1	2.964	0.000707
1418131_at	Samhd1	SAM domain and HD domain, 1	2.970	0.0003461
1440311_at	Sorbs1	sorbin and SH3 domain containing 1	2.971	0.0010248
1417877_at	Eepd1	endonuclease/exonuclease/phosphatase family domain containing 1	2.976	0.0001024
1431704_a_at	Ralgps2	Ral GEF with PH domain and SH3 binding motif 2	2.977	0.0003207
1444141_at	Snx13	sorting nexin 13	2.977	0.0024527
1449195_s_at	Cxcl16	chemokine (C-X-C motif) ligand 16	2.978	0.0006534
1423626_at	Dst	dystonin	2.979	0.0008846
1430494_at	2010005J08Rik	RIKEN cDNA 2010005J08 gene	2.982	0.0001563
1425136_x_at	Dnm2	dynamins 2	2.983	0.0006899
1422174_at	Pdx1	pancreatic and duodenal homeobox 1	2.986	0.0013296
1430216_at	Zfp292	zinc finger protein 292	2.987	0.0009344

1455269_a_at	Coro1a	coronin, actin binding protein 1A	2.989	0.0030713
1447926_at	Arl5a	ADP-ribosylation factor-like 5A	2.992	5.08E-05
1417040_a_at	Bok	BCL2-related ovarian killer protein	2.993	0.0001131
1446318_at	NA	NA	2.994	0.0006526
1417649_at	Cdkn1c	cyclin-dependent kinase inhibitor 1C (P57)	2.995	0.0023618
1428691_at	Chd2	chromodomain helicase DNA binding protein 2	2.995	0.0001021
1428359_s_at	1810010M01Rik	RIKEN cDNA 1810010M01 gene	2.996	0.0001785
1417116_at	Slc6a8	solute carrier family 6 (neurotransmitter transporter, creatine), member 8	2.996	0.0001258
1440273_at	NA	NA	2.998	8.81E-05
1416576_at	Socs3	suppressor of cytokine signaling 3	2.998	0.0005826
1437117_at	Centb1	centaurin, beta 1	3.000	0.00453
1452228_at	Tbc1d23	TBC1 domain family, member 23	3.001	0.0002961
1439349_at	Sbno2	strawberry notch homolog 2 (Drosophila)	3.002	6.44E-05
1418278_at	Apoc3	apolipoprotein C-III	3.004	0.0005393
1426940_at	Sidt2	SID1 transmembrane family, member 2	3.005	0.0003224
1452187_at	Rbm5	RNA binding motif protein 5	3.005	0.0003066

1456609_at	Camk2n1	calcium/calmodulin-dependent protein kinase II inhibitor 1	3.007	0.0001649
1442849_at	Lrp1	low density lipoprotein receptor-related protein 1	3.007	0.0012347
1449904_at	Dopey2	dopey family member 2	3.011	0.0012494
1439999_at	NA	NA	3.012	0.0041138
1444660_at	4932438A13Rik	RIKEN cDNA 4932438A13 gene	3.012	0.000161
1423086_at	Npc1	Niemann Pick type C1	3.012	0.0001879
1434034_at	Cerk	ceramide kinase	3.012	0.0005022
1434856_at	Ankrd44	ankyrin repeat domain 44	3.016	0.0008591
1447669_s_at	Gng4	guanine nucleotide binding protein (G protein), gamma 4	3.017	0.0002927
1439832_at	NA	NA	3.018	0.000224
1424687_at	Heatr6	HEAT repeat containing 6	3.020	0.0003105
1425215_at	Ffar2	free fatty acid receptor 2	3.027	7.63E-05
1421066_at	Jak2	Janus kinase 2	3.027	0.0002287
1438677_at	Pkp4	plakophilin 4	3.027	0.0003511
1424598_at	Ddx6	DEAD (Asp-Glu-Ala-Asp) box polypeptide 6	3.028	0.0002837
1453393_a_at	Chst4	carbohydrate (chondroitin 6/keratan) sulfotransferase 4	3.028	5.74E-05
1436297_a_at	Grina	glutamate receptor, ionotropic, N-methyl D-aspartate-associated protein 1 (glutamate binding)	3.031	0.0012992

1456772_at	Ncf1	neutrophil cytosolic factor 1	3.032	0.002571
1418252_at	Padi2	peptidyl arginine deiminase, type II	3.033	0.0009305
1433801_at	9930012K11Rik	RIKEN cDNA 9930012K11 gene	3.033	0.0004916
1428223_at	Mfsd2	major facilitator superfamily domain containing 2	3.034	4.34E-05
1434067_at	AI662270	expressed sequence AI662270	3.035	0.0048757
1424941_at	BC016579	cDNA sequence, BC016579	3.036	0.0004331
1451283_at	1810073G14Rik	RIKEN cDNA 1810073G14 gene	3.039	8.70E-05
1455998_at	LOC667118	similar to Zinc finger BED domain containing protein 4	3.039	0.0003582
1419038_a_at	Csnk2a1	casein kinase 2, alpha 1 polypeptide	3.040	0.0001382
1426165_a_at	Casp3	caspase 3	3.041	0.0001172
1449175_at	Gpr65	G-protein coupled receptor 65	3.043	0.0007884
1421679_a_at	Cdkn1a	cyclin-dependent kinase inhibitor 1A (P21)	3.046	0.0017993
1424775_at	Oas1g	2@#%&-5@#%& oligoadenylate synthetase 1G	3.051	9.63E-05
1419388_at	Tm4sf20	transmembrane 4 L six family member 20	3.052	0.0002897
1417995_at	Ptpn22	protein tyrosine phosphatase, non-receptor type 22 (lymphoid)	3.054	0.0001624

1435155_at	Cgn	cingulin	3.055	8.96E-05
1454247_a_at	Gpa33	glycoprotein A33 (transmembrane)	3.057	4.43E-05
1444881_at	Taok3	TAO kinase 3	3.058	0.0003414
1418841_s_at	Cdc21l	cell division cycle 2-like 1	3.059	0.0001404
1415949_at	Cpe	carboxypeptidase E	3.059	7.16E-05
1423603_at	Zfpm1	zinc finger protein, multitype 1	3.062	0.0040175
1424148_a_at	Stap2	signal transducing adaptor family member 2	3.063	0.0001642
1421268_at	Ugcg	UDP-glucose ceramide glucosyltransferase	3.067	0.0001172
1456839_at	NA	NA	3.067	3.64E-05
1427742_a_at	Klf6	Kruppel-like factor 6	3.068	0.0001707
1449453_at	Bst1	bone marrow stromal cell antigen 1	3.068	0.000611
1418734_at	H2-Q1	histocompatibility 2, Q region locus 1	3.068	0.0004203
1419123_a_at	Pdgfc	platelet-derived growth factor, C polypeptide	3.070	0.0115253
1452322_a_at	Brwd1	bromodomain and WD repeat domain containing 1	3.072	6.60E-05
1418835_at	Phlda1	pleckstrin homology-like domain, family A, member 1	3.072	0.0004438
1448797_at	Elk3	ELK3, member of ETS oncogene family	3.074	0.0003854
1417533_a_at	Itgb5	integrin beta 5	3.074	0.0002363
1425122_at	ORF9	open reading frame 9	3.076	5.51E-05
1457189_at	NA	NA	3.081	8.36E-05
1421488_at	Rabgap1l	RAB GTPase activating protein 1-like	3.081	0.0036982

1422031_a_at	Zfand6	zinc finger, AN1-type domain 6	3.083	0.0002637
1444937_at	NA	NA	3.088	0.0007096
1427891_at	Gimap6	GTPase, IMAP family member 6	3.089	0.0053381
1445311_at	Akap13	A kinase (PRKA) anchor protein 13	3.089	5.91E-05
1449248_at	Clcn2	chloride channel 2	3.091	6.01E-05
1439501_at	Cbara1	calcium binding atopy-related autoantigen 1	3.091	0.0005869
1439328_at	Nfat5	nuclear factor of activated T-cells 5	3.096	6.31E-05
1418578_at	Dgka	diacylglycerol kinase, alpha	3.097	0.000118
1419478_at	Sectm1b	secreted and transmembrane 1B	3.098	0.0004274
1450807_at	Ltb4r2	leukotriene B4 receptor 2	3.099	0.0011421
1456292_a_at	Vim	vimentin	3.099	0.0001459
1444295_at	Neo1	neogenin	3.105	0.0002181
1416593_at	Glrx	glutaredoxin	3.107	0.0004945
1443877_a_at	Rapgef6	Rap guanine nucleotide exchange factor (GEF) 6	3.110	0.0005636
1421873_s_at	Rab24	RAB24, member RAS oncogene family	3.115	4.49E-05
1418824_at	Arf6	ADP-ribosylation factor 6	3.115	0.0018634
1433910_at	Zcchc6	zinc finger, CCHC domain containing 6	3.115	6.31E-05
1440856_at	Mapk8	mitogen-activated protein kinase 8	3.118	0.0011027
1450083_at	Cnot4	CCR4-NOT transcription complex, subunit 4	3.123	0.0003273

1417244_a_at	Irf7	interferon regulatory factor 7	3.124	0.0004159
1451836_at	BC022651	cDNA sequence BC022651	3.125	0.000201
1448499_a_at	Ephx2	epoxide hydrolase 2, cytoplasmic	3.125	0.0002414
1455442_at	Slc6a19	solute carrier family 6 (neurotransmitter transporter), member 19	3.126	0.0008631
1457845_at	NA	NA	3.128	0.0010526
1449526_a_at	Gdpd3	glycerophosphodiester phosphodiesterase domain containing 3	3.131	0.0004492
1458849_at	Asah2	N-acylsphingosine amidohydrolase 2	3.139	0.0002321
1433068_at	6330582A15Rik	RIKEN cDNA 6330582A15 gene	3.140	3.25E-05
1418312_at	Zfp276	zinc finger protein (C2H2 type) 276	3.148	0.0002004
1430329_at	Cgn	cingulin	3.148	0.0002432
1431359_a_at	1110007C09Rik	RIKEN cDNA 1110007C09 gene	3.150	3.18E-05
1448301_s_at	Serpinb1a	serine (or cysteine) peptidase inhibitor, clade B, member 1a	3.150	9.78E-05
1449702_at	Zfand2a	zinc finger, AN1-type domain 2A	3.152	0.0007227
1442163_at	NA	NA	3.158	0.0003032
1459984_at	Mia3	melanoma inhibitory activity 3	3.164	0.0001443
1459159_a_at	Ccdc6	coiled-coil domain containing 6	3.167	5.21E-05

1442489_at	D1Erttd564e	DNA segment, Chr 1, ERATO Doi 564, expressed	3.169	0.0040426
1435394_s_at	Rhoc	ras homolog gene family, member C	3.174	0.0002971
1450093_s_at	Zbtb7a	zinc finger and BTB domain containing 7a	3.179	0.0002215
1429262_at	Rassf6	Ras association (RalGDS/AF-6) domain family member 6	3.179	0.0002819
1438533_at	Myo9b	myosin IXb	3.180	0.0012445
1428671_at	2200002D01Rik	RIKEN cDNA 2200002D01 gene	3.181	0.0002097
1415983_at	Lcp1	lymphocyte cytosolic protein 1	3.183	0.0007927
1455151_at	Akap9	A kinase (PRKA) anchor protein (yotiao) 9	3.185	0.0009019
1428435_at	Muc2	mucin 2	3.197	0.0001175
1434333_a_at	Prkd2	protein kinase D2	3.197	0.0010204
1449822_at	Atoh1	atonal homolog 1 (Drosophila)	3.201	4.91E-05
1419248_at	Rgs2	regulator of G- protein signaling 2	3.205	0.0002483
1455161_at	AI504432	expressed sequence AI504432	3.212	0.0006724
1451458_at	Tmem2	transmembrane protein 2	3.226	5.50E-05
1438581_at	Specc1l	SPECC1-like	3.226	2.10E-05
1448297_a_at	Tnk2	tyrosine kinase, non-receptor, 2	3.229	0.0001206
1442434_at	D8Erttd82e	DNA segment, Chr 8, ERATO Doi 82, expressed	3.229	0.0001982
1454683_at	Sfrs8	splicing factor, arginine/serine- rich 8	3.233	9.64E-05

1445337_at	Dnajc13	DnaJ (Hsp40) homolog, subfamily C, member 13	3.233	7.40E-05
1444599_at	Herc4	hect domain and RLD 4	3.234	0.0003369
1439058_at	Sfpq	splicing factor proline/glutamine rich (polypyrimidine tract binding protein associated)	3.237	0.0003633
1427419_x_at	Ccr9	chemokine (C-C motif) receptor 9	3.240	0.0014987
1446014_at	NA	NA	3.248	0.0002988
1427379_at	Pnpla6	patatin-like phospholipase domain containing 6	3.251	0.0002705
1437633_at	Ankrd11	ankyrin repeat domain 11	3.251	0.0002779
1440708_at	Myh9	myosin, heavy polypeptide 9, non-muscle	3.259	0.0003084
1450403_at	Stat2	signal transducer and activator of transcription 2	3.262	2.67E-05
1449042_at	Ctcf	CCCTC-binding factor	3.270	0.0005658
1416383_a_at	Pcx	pyruvate carboxylase	3.270	0.0002154
1448943_at	Nrp1	neuropilin 1	3.271	4.92E-05
1437006_x_at	Becn1	beclin 1, autophagy related	3.271	0.0020577
1450069_a_at	Cugbp2	CUG triplet repeat, RNA binding protein 2	3.275	0.0009918
1457253_at	Trim40	tripartite motif-containing 40	3.276	9.27E-05
1433205_at	2810436B12Rik	RIKEN cDNA 2810436B12 gene	3.286	6.13E-05
1428330_at	Dopey2	dopey family member 2	3.289	7.74E-05
1449071_at	Myl7	myosin, light polypeptide 7, regulatory	3.293	2.43E-05

1429049_at	Nuak2	NUAK family, SNF1-like kinase, 2	3.294	7.37E-05
1439770_at	6430598A04Rik	RIKEN cDNA 6430598A04 gene	3.295	3.38E-05
1452347_at	Mef2a	myocyte enhancer factor 2A	3.295	0.0001516
1437122_at	Bcl2	B-cell leukemia/lymphoma 2	3.296	0.0003528
1426743_at	Appl2	adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 2	3.297	3.58E-05
1423389_at	Smad7	MAD homolog 7 (Drosophila)	3.299	5.07E-05
1447141_at	AW107722	expressed sequence AW107722	3.302	4.25E-05
1425470_at	NA	NA	3.305	0.0003493
1456014_s_at	Trpt1	tRNA phosphotransferase 1	3.307	0.0003025
1432282_a_at	Tlcd2	TLC domain containing 2	3.308	9.08E-05
1423986_a_at	Shisa5	shisa homolog 5 (Xenopus laevis)	3.312	5.06E-05
1449025_at	Ifit3	interferon-induced protein with tetratricopeptide repeats 3	3.313	5.03E-05
1434334_at	Prkd2	protein kinase D2	3.314	0.00043
1425639_at	Centa2	centaurin, alpha 2	3.318	0.0055321
1438152_at	NA	NA	3.318	0.001314
1421064_at	Mpp5	membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5)	3.319	4.88E-05

1451261_s_at	Stap2	signal transducing adaptor family member 2	3.324	4.38E-05
1456195_x_at	Itgb5	integrin beta 5	3.325	0.0001197
1457213_a_at	Dgkh	diacylglycerol kinase, eta	3.327	0.0001654
1458969_at	AU019559	expressed sequence AU019559	3.327	6.69E-05
1456050_at	C80998	expressed sequence C80998	3.331	0.0001346
1451755_a_at	Apobec1	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1	3.335	4.83E-05
1426799_at	Rab8b	RAB8B, member RAS oncogene family	3.337	2.44E-05
1442199_at	Btnl2	butyrophilin-like 2	3.350	0.0001007
1437045_at	Mapk8	mitogen-activated protein kinase 8	3.351	7.32E-05
1418536_at	H2-Q7	histocompatibility 2, Q region locus 7	3.351	0.0003144
1433748_at	Zdhhc18	zinc finger, DHHC domain containing 18	3.354	4.53E-05
1434610_at	Plec1	plectin 1	3.355	0.0010502
1452836_at	Lpin2	lipin 2	3.357	0.0001466
1419256_at	Spnb2	spectrin beta 2	3.357	0.0002208
1435748_at	Gda	guanine deaminase	3.358	0.0005594
1426534_a_at	Arfgap3	ADP-ribosylation factor GTPase activating protein 3	3.358	2.15E-05
1427209_at	Baz2a	bromodomain adjacent to zinc finger domain, 2A	3.362	0.0003954
1427199_at	Fryl	furry homolog-like (Drosophila)	3.367	5.46E-05

1456110_at	Ankrd11	ankyrin repeat domain 11	3.376	0.0026657
1419523_at	Cyp3a13	cytochrome P450, family 3, subfamily a, polypeptide 13	3.376	0.0001162
1457193_at	Mll3	myeloid/lymphoid or mixed-lineage leukemia 3	3.389	2.21E-05
1441170_a_at	Dab2ip	disabled homolog 2 (Drosophila) interacting protein	3.393	0.0002006
1443837_x_at	Bcl2	B-cell leukemia/lymphoma 2	3.399	0.0002391
1440091_at	Meis2	Meis homeobox 2	3.402	0.0001154
1450315_at	V1rd14	vomeronasal 1 receptor, D14	3.404	0.0006144
1457619_at	BC015286	cDNA sequence BC015286	3.407	0.0001484
1452368_at	Bcr	breakpoint cluster region	3.415	2.29E-05
1455876_at	Slc4a7	solute carrier family 4, sodium bicarbonate cotransporter, member 7	3.422	0.0003991
1436631_at	Ctnna1	catenin (cadherin associated protein), alpha 1	3.422	8.14E-05
1425837_a_at	Ccrn4l	CCR4 carbon catabolite repression 4-like (S. cerevisiae)	3.423	3.04E-05
1436737_a_at	Sorbs1	sorbin and SH3 domain containing 1	3.424	0.000228
1433465_a_at	AI467606	expressed sequence AI467606	3.425	1.41E-05
1456494_a_at	AI451617	expressed sequence AI451617	3.434	0.0007477

1450734_at	Sec16b	SEC16 homolog B (<i>S. cerevisiae</i>)	3.450	2.73E-05
1421219_at	Ttll3	tubulin tyrosine ligase-like family, member 3	3.452	0.0003442
1429778_at	Optn	optineurin	3.452	4.24E-05
1447818_x_at	Rheb1	Ras homolog enriched in brain like 1	3.453	0.0009013
1435959_at	Arhgap15	Rho GTPase activating protein 15	3.453	0.0002143
1440055_at	NA	NA	3.453	4.58E-05
1417370_at	Tff3	trefoil factor 3, intestinal	3.458	5.21E-05
1426715_s_at	Slc46a1	solute carrier family 46, member 1	3.459	0.0004245
1424286_at	Prkx	protein kinase, X-linked	3.462	3.28E-05
1451158_at	Trip12	thyroid hormone receptor interactor 12	3.463	1.27E-05
1425687_at	Cflar	CASP8 and FADD-like apoptosis regulator	3.478	9.44E-05
1452016_at	Alox5ap	arachidonate 5-lipoxygenase activating protein	3.482	3.25E-05
1457976_at	2010002M12Rik	RIKEN cDNA 2010002M12 gene	3.488	0.0021962
1457020_at	NA	NA	3.490	8.41E-05
1450744_at	Ell2	elongation factor RNA polymerase II 2	3.490	0.0001295
1425576_at	Ahcy1	S-adenosylhomocysteine hydrolase-like 1	3.491	6.52E-05
1436502_at	Mtus1	mitochondrial tumor suppressor 1	3.499	2.68E-05

1439787_at	P2rx7	purinergic receptor P2X, ligand-gated ion channel, 7	3.504	0.0003316
1417741_at	Pygl	liver glycogen phosphorylase	3.505	0.0008156
1416303_at	Litaf	LPS-induced TN factor	3.505	9.33E-05
1433681_x_at	Capn3	calpain 3	3.509	0.0001101
1436504_x_at	Apoa4	apolipoprotein A-IV	3.511	0.0003019
1449419_at	Dock8	dedicator of cytokinesis 8	3.518	1.49E-05
1446344_at	Nyx	nyctalopin	3.518	1.25E-05
1454893_at	1110013L07Rik	RIKEN cDNA 1110013L07 gene	3.520	4.33E-05
1421269_at	Ugcg	UDP-glucose ceramide glucosyltransferase	3.526	3.20E-05
1426361_at	Zc3h11a	zinc finger CCCH type containing 11A	3.528	9.63E-05
1451753_at	Plxna2	plexin A2	3.529	2.32E-05
1416304_at	Litaf	LPS-induced TN factor	3.535	9.88E-05
1451516_at	Rheb1	Ras homolog enriched in brain like 1	3.535	3.96E-05
1417462_at	Cap1	CAP, adenylate cyclase-associated protein 1 (yeast)	3.537	7.69E-05
1452267_at	Flywch1	FLYWCH-type zinc finger 1	3.539	3.51E-05
1424607_a_at	100039204	predicted gene, 100039204	3.542	5.90E-05
1460729_at	Rock1	Rho-associated coiled-coil containing protein kinase 1	3.555	0.0016898
1438294_at	Atxn1	ataxin 1	3.563	0.0001035
1437462_x_at	Mmp15	matrix metalloproteinase 15	3.569	0.0032036
1449625_at	NA	NA	3.571	0.0007761

1459008_at	NA	NA	3.573	1.15E-05
1454680_at	D5Erttd579e	DNA segment, Chr 5, ERATO Doi 579, expressed	3.578	3.88E-05
1417761_at	Apoa4	apolipoprotein A- IV	3.579	0.0002383
1448617_at	Cd53	CD53 antigen	3.583	0.0003855
1450199_a_at	Stab1	stabilin 1	3.586	0.0003348
1453240_a_at	Gcap14	granule cell antiserum positive 14	3.594	0.0006307
1438716_at	AI451617	expressed sequence AI451617	3.597	4.46E-05
1417965_at	Plekha1	pleckstrin homology domain containing, family A (phosphoinositid e binding specific) member 1	3.598	4.18E-05
1426714_at	Slc46a1	solute carrier family 46, member 1	3.600	0.0001408
1434904_at	Hivep2	human immunodeficien cy virus type I enhancer binding protein 2	3.601	7.65E-05
1453163_at	Ppp1r12a	protein phosphatase 1, regulatory (inhibitor) subunit 12A	3.603	0.0001881
1438606_a_at	Clic4	chloride intracellular channel 4 (mitochondrial)	3.609	7.54E-05
1453403_at	2210019111Rik	RIKEN cDNA 2210019111 gene	3.612	6.38E-05
1416338_at	Sh3gl1	SH3-domain GRB2-like 1	3.617	3.59E-05
1437918_at	4930539E08Rik	RIKEN cDNA 4930539E08 gene	3.620	0.000113

1459889_at	Clca3	chloride channel calcium activated 3	3.621	4.66E-05
1423066_at	Dnmt3a	DNA methyltransferase 3A	3.626	2.44E-05
1424502_at	Oit1	oncoprotein induced transcript 1	3.628	2.74E-05
1424084_at	Rod1	ROD1 regulator of differentiation 1 (S. pombe)	3.628	0.0001904
1459098_at	NA	NA	3.629	0.0001582
1417601_at	Rgs1	regulator of G-protein signaling 1	3.630	0.0004306
1426906_at	Ifi205	interferon activated gene 205	3.636	0.0004612
1419508_at	Ripk1	receptor (TNFRSF)-interacting serine-threonine kinase 1	3.641	2.54E-05
1456064_at	AI504432	expressed sequence AI504432	3.641	0.0002757
1430470_at	5730411F24Rik	RIKEN cDNA 5730411F24 gene	3.648	6.63E-05
1435749_at	Gda	guanine deaminase	3.649	0.0006621
1424609_a_at	100039204	predicted gene, 100039204	3.649	6.19E-05
1426774_at	Parp12	poly (ADP-ribose) polymerase family, member 12	3.650	2.79E-05
1419613_at	Col7a1	collagen, type VII, alpha 1	3.651	0.0004621
1460378_a_at	Tes	testis derived transcript	3.655	2.03E-05
1439808_at	A130090K04Rik	RIKEN cDNA A130090K04 gene	3.660	0.0007102
1428767_at	Gsdmd	gasdermin D	3.662	0.0001296

1425396_a_at	Lck	lymphocyte protein tyrosine kinase	3.671	0.0015361
1460081_at	Syt7	synaptotagmin VII	3.673	0.0007401
1442581_at	Ksr1	kinase suppressor of ras 1	3.675	7.40E-06
1451860_a_at	Trim30	tripartite motif-containing 30	3.678	4.80E-05
1450109_s_at	Abcc2	ATP-binding cassette, sub-family C (CFTR/MRP), member 2	3.680	0.0002499
1451299_at	Prkx	protein kinase, X-linked	3.680	4.45E-05
1442277_at	Chka	choline kinase alpha	3.681	0.0001865
1420611_at	Prkacb	protein kinase, cAMP dependent, catalytic, beta	3.683	0.0001879
1452277_at	Arsg	arylsulfatase G	3.686	0.0010968
1416689_at	Tuft1	tuftelin 1	3.693	3.22E-05
1439863_at	Ugcg	UDP-glucose ceramide glucosyltransferase	3.705	6.00E-06
1448749_at	Plek	pleckstrin	3.709	0.0001192
1432962_at	2610024D14Rik	RIKEN cDNA 2610024D14 gene	3.711	7.18E-05
1432004_a_at	Dnm2	dynamamin 2	3.714	4.03E-05
1445534_at	Flnb	filamin, beta	3.720	0.0001802
1429487_at	Ppp1r12a	protein phosphatase 1, regulatory (inhibitor) subunit 12A	3.730	1.35E-05
1452329_at	Plekhn1	pleckstrin homology domain containing, family N member 1	3.733	0.0002237
1425227_a_at	Atp6v0a1	ATPase, H+ transporting, lysosomal V0 subunit A1	3.738	0.0001094
1422054_a_at	Skil	SKI-like	3.742	0.000168

1427164_at	Il13ra1	interleukin 13 receptor, alpha 1	3.752	8.40E-06
1455905_at	2610507B11Rik	RIKEN cDNA 2610507B11 gene	3.755	0.0002154
1448803_at	Golga4	golgi autoantigen, golgin subfamily a, 4	3.756	2.03E-05
1436336_at	Pthr1	peptidyl-tRNA hydrolase 1 homolog (S. cerevisiae)	3.764	8.66E-05
1435144_at	NA	NA	3.776	0.0001012
1433804_at	Jak1	Janus kinase 1	3.781	2.72E-05
1419448_at	Tbc1d1	TBC1 domain family, member 1	3.808	4.93E-05
1424965_at	Lpxn	leupaxin	3.808	1.47E-05
1435939_s_at	Hepacam2	HEPACAM family member 2	3.820	4.60E-06
1444182_at	2210010C17Rik	RIKEN cDNA 2210010C17 gene	3.823	6.80E-06
1428573_at	Chn2	chimerin (chimaerin) 2	3.834	5.43E-05
1453196_a_at	Oasl2	2@#%&-5@#%& oligoadenylate synthetase-like 2	3.837	7.98E-05
1427610_at	NA	NA	3.844	4.98E-05
1437176_at	Nlrc5	NLR family, CARD domain containing 5	3.845	0.0003224
1435653_at	NA	NA	3.853	2.67E-05
1426808_at	Lgals3	lectin, galactose binding, soluble 3	3.855	6.56E-05
1429694_at	4930402H24Rik	RIKEN cDNA 4930402H24 gene	3.860	4.70E-05
1439610_at	Rab27b	RAB27b, member RAS oncogene family	3.866	0.0002023

1453281_at	Pik3cd	phosphatidylinositol 3-kinase catalytic delta polypeptide	3.874	4.66E-05
1425732_a_at	Mxi1	Max interacting protein 1	3.875	0.0001069
1460603_at	Samd9l	sterile alpha motif domain containing 9-like	3.880	4.57E-05
1452771_s_at	Acsl3	acyl-CoA synthetase long-chain family member 3	3.881	1.45E-05
1425002_at	Sectm1a	secreted and transmembrane 1A	3.883	5.63E-05
1436746_at	Wnk1	WNK lysine deficient protein kinase 1	3.891	0.0002389
1460192_at	Osbpl1a	oxysterol binding protein-like 1A	3.893	0.0001541
1419279_at	Pip4k2a	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha	3.897	0.0001011
1424040_at	Mtap7d1	microtubule-associated protein 7 domain containing 1	3.899	3.39E-05
1426284_at	Krt20	keratin 20	3.900	1.64E-05
1419055_a_at	Ptpn21	protein tyrosine phosphatase, non-receptor type 21	3.906	5.00E-06
1429272_a_at	Apol7a	apolipoprotein L 7a	3.909	8.74E-05
1440193_at	Ankrd12	ankyrin repeat domain 12	3.912	0.0001225
1432374_a_at	D5Wsu178e	DNA segment, Chr 5, Wayne State University 178, expressed	3.930	2.28E-05

1448487_at	Lrrfip1	leucine rich repeat (in FLII) interacting protein 1	3.931	0.0003579
1426153_a_at	Dsg2	desmoglein 2	3.933	2.95E-05
1421855_at	Fgl2	fibrinogen-like protein 2	3.940	3.93E-05
1439691_at	D5Ert579e	DNA segment, Chr 5, ERATO Doi 579, expressed	3.950	7.50E-06
1434082_at	Pctk2	PCTAIRE-motif protein kinase 2	3.956	7.00E-06
1441986_at	Zcchc6	zinc finger, CCHC domain containing 6	3.960	2.67E-05
1418539_a_at	Ptpre	protein tyrosine phosphatase, receptor type, E	3.964	1.00E-05
1452205_x_at	Tcrb-J	T-cell receptor beta, joining region	3.968	7.55E-05
1420505_a_at	Stxbp1	syntaxin binding protein 1	3.979	5.39E-05
1436054_at	9130227C08Rik	RIKEN cDNA 9130227C08Rik gene	3.987	5.90E-06
1429882_at	6820431F20Rik	RIKEN cDNA 6820431F20 gene	3.994	5.10E-05
1417395_at	Klf4	Kruppel-like factor 4 (gut)	3.996	3.76E-05
1424090_at	Sdcbp2	syndecan binding protein (syntenin) 2	3.999	2.31E-05
1444371_at	A630007B06Rik	RIKEN cDNA A630007B06 gene	4.001	5.90E-06
1445695_at	NA	NA	4.004	1.08E-05
1421396_at	Pcsk1	proprotein convertase subtilisin/kexin type 1	4.008	7.39E-05
1451779_at	Pyroxd1	pyridine nucleotide-disulphide oxidoreductase domain 1	4.022	1.58E-05

1419186_at	St8sia4	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4	4.025	0.0001082
1456088_at	Xiap	X-linked inhibitor of apoptosis	4.034	4.05E-05
1456623_at	Tpm1	tropomyosin 1, alpha	4.063	6.84E-05
1440795_x_at	Rabep2	rabaptin, RAB GTPase binding effector protein 2	4.066	2.06E-05
1436169_at	C730029A08Rik	RIKEN cDNA C730029A08 gene	4.069	0.0001217
1439348_at	S100a10	S100 calcium binding protein A10 (calpactin)	4.080	5.10E-06
1428066_at	Ccdc120	coiled-coil domain containing 120	4.080	2.78E-05
1439037_at	Ddx17	DEAD (Asp-Glu-Ala-Asp) box polypeptide 17	4.100	0.0004666
1460242_at	Cd55	CD55 antigen	4.103	2.90E-05
1417214_at	Rab27b	RAB27b, member RAS oncogene family	4.105	9.62E-05
1440770_at	Bcl2	B-cell leukemia/lymphoma 2	4.108	0.0001215
1457528_at	Slc4a7	solute carrier family 4, sodium bicarbonate cotransporter, member 7	4.111	0.0005775
1429692_s_at	Gch1	GTP cyclohydrolase 1	4.123	9.50E-06
1449908_at	Gip	gastric inhibitory polypeptide	4.125	1.46E-05
1434046_at	AA467197	expressed sequence AA467197	4.134	2.18E-05

AFFX-PyruCarbMur/L09192_3_at	Pcx	pyruvate carboxylase	4.138	6.10E-05
1428497_at	Secisbp2	SECIS binding protein 2	4.149	6.33E-05
1428936_at	Atp2b1	ATPase, Ca ⁺⁺ transporting, plasma membrane 1	4.152	8.96E-05
1422847_a_at	Prkcd	protein kinase C, delta	4.156	1.01E-05
1437205_at	Tcf25	transcription factor 25 (basic helix-loop-helix)	4.162	1.11E-05
1449292_at	Rb1cc1	RB1-inducible coiled-coil 1	4.169	0.000184
1436959_x_at	Nelf	nasal embryonic LHRH factor	4.171	1.60E-05
1417843_s_at	Eps8l2	EPS8-like 2	4.181	1.45E-05
1429196_at	Rabgap1l	RAB GTPase activating protein 1-like	4.184	3.82E-05
1453286_at	Plxna2	plexin A2	4.185	4.50E-06
1439109_at	Ccdc68	coiled-coil domain containing 68	4.213	1.21E-05
1424287_at	Prkx	protein kinase, X-linked	4.217	4.49E-05
1420808_at	Ncoa4	nuclear receptor coactivator 4	4.221	7.85E-05
1421065_at	Jak2	Janus kinase 2	4.223	2.04E-05
1416809_at	Cyp3a11	cytochrome P450, family 3, subfamily a, polypeptide 11	4.226	0.0001532
1425862_a_at	Pik3c2a	phosphatidylinositol 3-kinase, C2 domain containing, alpha polypeptide	4.244	3.49E-05
1456956_at	Ikzf2	IKAROS family zinc finger 2	4.276	8.24E-05
1423393_at	Clic4	chloride intracellular channel 4 (mitochondrial)	4.277	6.00E-06

1441622_at	EG433023	predicted gene, EG433023	4.288	0.0005275
1424626_at	2010003K11Rik	RIKEN cDNA 2010003K11 gene	4.291	4.19E-05
1415885_at	Chgb	chromogranin B	4.293	3.60E-06
1420499_at	Gch1	GTP cyclohydrolase 1	4.297	9.10E-06
1417558_at	Fyn	Fyn proto- oncogene	4.303	1.34E-05
1418149_at	Chga	chromogranin A	4.311	1.33E-05
1437308_s_at	F2r	coagulation factor II (thrombin) receptor	4.322	2.54E-05
1438069_a_at	Rbm5	RNA binding motif protein 5	4.323	1.35E-05
1438751_at	Slc30a10	solute carrier family 30, member 10	4.324	2.83E-05
1451628_a_at	Ank3	ankyrin 3, epithelial	4.325	3.69E-05
1422868_s_at	Gda	guanine deaminase	4.334	0.0005471
1419247_at	Rgs2	regulator of G- protein signaling 2	4.334	1.42E-05
1426485_at	Ubxn4	UBX domain protein 4	4.337	6.11E-05
1417961_a_at	Trim30	tripartite motif- containing 30	4.339	7.07E-05
1455462_at	Adcy2	adenylate cyclase 2	4.348	5.20E-05
1456061_at	Gimap8	GTPase, IMAP family member 8	4.350	7.43E-05
1437432_a_at	Trim12	tripartite motif- containing 12	4.350	0.0001326
1430309_at	Nipbl	Nipped-B homolog (Drosophila)	4.366	0.0001322
1437542_at	Ikzf2	IKAROS family zinc finger 2	4.378	1.99E-05
1425084_at	Gimap7	GTPase, IMAP family member 7	4.380	4.63E-05
1442819_at	Rhbdl2	rhomboid, veinlet-like 2 (Drosophila)	4.387	6.30E-06

1450494_x_at	Ceacam1	carcinoembryonic antigen-related cell adhesion molecule 1	4.393	0.0020012
1457605_at	NA	NA	4.398	0.0002017
1440582_at	Itch	itchy, E3 ubiquitin protein ligase	4.419	0.0001572
1429215_at	2310058N22Rik	RIKEN cDNA 2310058N22 gene	4.425	1.80E-06
1441467_at	NA	NA	4.434	3.50E-06
1445697_at	NA	NA	4.448	2.60E-06
1435343_at	Dock10	dedicator of cytokinesis 10	4.456	0.0001372
1451154_a_at	Cugbp2	CUG triplet repeat, RNA binding protein 2	4.456	3.83E-05
1449009_at	Tgtp	T-cell specific GTPase	4.464	2.65E-05
1426276_at	Ifih1	interferon induced with helicase C domain 1	4.475	3.47E-05
1424749_at	Wdfy1	WD repeat and FYVE domain containing 1	4.484	2.45E-05
1450006_at	Ncoa4	nuclear receptor coactivator 4	4.506	2.35E-05
1429123_at	Rab27a	RAB27A, member RAS oncogene family	4.513	7.50E-06
1443937_at	NA	NA	4.516	1.56E-05
1450355_a_at	Capg	capping protein (actin filament), gelsolin-like	4.519	0.0001374
1453080_at	Apol7a	apolipoprotein L 7a	4.523	9.68E-05
1448605_at	Rhoc	ras homolog gene family, member C	4.524	1.51E-05
1431530_a_at	Tspan5	tetraspanin 5	4.532	1.76E-05
1448409_at	Lrmp	lymphoid-restricted membrane protein	4.534	1.69E-05
1429036_at	Otop3	otopetrin 3	4.539	0.0001488

1426872_at	Fcgbp	Fc fragment of IgG binding protein	4.555	6.30E-06
1444421_at	Etohd2	ethanol decreased 2	4.558	6.00E-06
1430556_at	Spag9	sperm associated antigen 9	4.559	1.60E-05
1427203_at	Myo15b	myosin XVB	4.573	3.73E-05
1419835_s_at	Plec1	plectin 1	4.593	2.98E-05
1448566_at	Slc40a1	solute carrier family 40 (iron-regulated transporter), member 1	4.597	2.02E-05
1450531_at	H2-BI	histocompatibility 2, blastocyst	4.598	0.0001965
1418776_at	5830443L24Rik	RIKEN cDNA 5830443L24 gene	4.603	5.10E-05
1449455_at	Hck	hemopoietic cell kinase	4.608	2.90E-06
1459216_at	Tdrd7	tudor domain containing 7	4.611	2.10E-05
1458083_at	NA	NA	4.616	0.0001865
1439934_at	Slc30a10	solute carrier family 30, member 10	4.619	6.50E-06
1456377_x_at	Limd2	LIM domain containing 2	4.627	8.50E-05
1422785_at	Rasa2	RAS p21 protein activator 2	4.630	1.41E-05
1455033_at	B430201A12Rik	RIKEN cDNA B430201A12 gene	4.636	3.20E-05
1436271_at	Apol7b	apolipoprotein L 7b	4.641	3.82E-05
1429947_a_at	Zbp1	Z-DNA binding protein 1	4.663	0.0001942
1417620_at	Rac2	RAS-related C3 botulinum substrate 2	4.664	0.000112
1448885_at	Rap2b	RAP2B, member of RAS oncogene family	4.664	6.00E-06
1434794_at	Rhof	ras homolog gene family, member f	4.665	1.26E-05
1426471_at	Zfp52	zinc finger protein 52	4.675	0.0002847

1418946_at	St3gal1	ST3 beta-galactoside alpha-2,3-sialyltransferase 1	4.684	6.40E-06
1426971_at	Ube1l	ubiquitin-activating enzyme E1-like	4.685	1.84E-05
1443858_at	EG667823	predicted gene, EG667823	4.690	1.13E-05
1442123_at	2010012P19Rik	RIKEN cDNA 2010012P19 gene	4.695	1.25E-05
1420425_at	Prdm1	PR domain containing 1, with ZNF domain	4.696	4.59E-05
1460086_at	Rc3h2	ring finger and CCCH-type zinc finger domains 2	4.704	8.22E-05
1445757_at	Tbx3	T-box 3	4.710	1.00E-05
1421008_at	Rsad2	radical S-adenosyl methionine domain containing 2	4.728	3.19E-05
1452741_s_at	Gpd2	glycerol phosphate dehydrogenase 2, mitochondrial	4.733	9.49E-05
1426970_a_at	Ube1l	ubiquitin-activating enzyme E1-like	4.742	9.60E-06
1437082_at	Akap9	A kinase (PRKA) anchor protein (yotiao) 9	4.757	0.0016248
1418580_at	Rtp4	receptor transporter protein 4	4.760	1.21E-05
1436649_at	Ikzf3	IKAROS family zinc finger 3	4.762	1.46E-05
1428595_at	Slc6a19	solute carrier family 6 (neurotransmitter transporter), member 19	4.779	0.0001854
1456262_at	Rbm5	RNA binding motif protein 5	4.791	1.43E-05

1427240_at	Dock6	dedicator of cytokinesis 6	4.800	1.05E-05
1415834_at	Dusp6	dual specificity phosphatase 6	4.827	1.48E-05
1427718_a_at	Mdm2	transformed mouse 3T3 cell double minute 2	4.835	1.20E-06
1426636_a_at	Xiap	X-linked inhibitor of apoptosis	4.837	2.89E-05
1419658_at	H2-T23	histocompatibility 2, T region locus 23	4.843	8.98E-05
1452360_a_at	Jarid1a	jumonji, AT rich interactive domain 1A (Rbp2 like)	4.846	0.0002914
1418148_at	Abhd1	abhydrolase domain containing 1	4.853	2.40E-06
1434316_at	Chsy1	chondroitin sulfate synthase 1	4.855	8.07E-05
1422637_at	Rassf5	Ras association (RalGDS/AF-6) domain family member 5	4.857	8.60E-06
1450753_at	Nkg7	natural killer cell group 7 sequence	4.902	1.56E-05
1439141_at	Gpr18	G protein-coupled receptor 18	4.905	2.84E-05
1418069_at	Apoc2	apolipoprotein C-II	4.921	2.63E-05
1449424_at	Plek2	pleckstrin 2	4.948	1.70E-06
1420461_at	Mst1r	macrophage stimulating 1 receptor (c-met-related tyrosine kinase)	4.953	1.20E-06
1417909_at	Serpinc1	serine (or cysteine) peptidase inhibitor, clade C (antithrombin), member 1	4.953	1.90E-06

1448183_a_at	Hif1a	hypoxia inducible factor 1, alpha subunit	4.976	2.70E-06
1438439_at	Gpr171	G protein-coupled receptor 171	4.978	0.0004182
1417812_a_at	Lamb3	laminin, beta 3	4.993	0.0005792
1418931_at	Reg4	regenerating islet-derived family, member 4	4.995	1.50E-06
1448364_at	Ccng2	cyclin G2	4.996	2.46E-05
1421594_a_at	Syt12	synaptotagmin-like 2	5.012	1.46E-05
1416246_a_at	Coro1a	coronin, actin binding protein 1A	5.031	4.32E-05
1456307_s_at	Adcy7	adenylate cyclase 7	5.056	0.000395
1436538_at	Ankrd37	ankyrin repeat domain 37	5.073	2.40E-06
1450505_a_at	1810015C04Rik	RIKEN cDNA 1810015C04 gene	5.076	7.00E-07
1426725_s_at	Ets1	E26 avian leukemia oncogene 1, 5' domain	5.085	2.92E-05
1425471_x_at	NA	NA	5.105	7.60E-06
1426454_at	Arhgdib	Rho, GDP dissociation inhibitor (GDI) beta	5.105	4.70E-06
1427347_s_at	Tubb2a	tubulin, beta 2a	5.107	1.43E-05
1422124_a_at	Ptprc	protein tyrosine phosphatase, receptor type, C	5.140	2.37E-05
1423184_at	Itsn2	intersectin 2	5.143	6.60E-06
1443923_at	Akap13	A kinase (PRKA) anchor protein 13	5.155	2.22E-05
1426603_at	Rnasel	ribonuclease L (2',5'-oligoadenylate synthetase-dependent)	5.170	1.09E-05

1421854_at	Fgl2	fibrinogen-like protein 2	5.182	9.00E-07
1418201_at	Plekhg2	pleckstrin homology domain containing, family G (with RhoGef domain) member 2	5.196	1.91E-05
1438558_x_at	Foxq1	forkhead box Q1	5.211	6.90E-06
1437479_x_at	Tbx3	T-box 3	5.214	6.80E-06
1416306_at	Clca3	chloride channel calcium activated 3	5.214	4.20E-06
1451447_at	Cuedc1	CUE domain containing 1	5.217	1.78E-05
1456120_at	3110001I20Rik	RIKEN cDNA 3110001I20 gene	5.226	1.40E-06
1449991_at	Cd244	CD244 natural killer cell receptor 2B4	5.228	1.60E-05
1446330_at	NA	NA	5.234	7.10E-06
1423946_at	Pdlim2	PDZ and LIM domain 2	5.268	3.40E-06
1422632_at	Ctsw	cathepsin W	5.284	5.81E-05
1428083_at	2310043N10Rik	RIKEN cDNA 2310043N10 gene	5.301	7.00E-07
1419226_at	Cd96	CD96 antigen	5.318	1.10E-05
1442881_at	NA	NA	5.321	9.00E-07
1452351_at	C030027K23Rik	RIKEN cDNA C030027K23 gene	5.341	2.10E-06
1417426_at	Srgn	serglycin	5.372	1.44E-05
1434830_at	Mxd1	MAX dimerization protein 1	5.380	3.48E-05
1435229_at	Gramd1b	GRAM domain containing 1B	5.409	1.34E-05
1448596_at	Slc6a8	solute carrier family 6 (neurotransmitter transporter, creatine), member 8	5.423	1.60E-06
1450264_a_at	Chka	choline kinase alpha	5.423	4.50E-06
1453283_at	Pgm1	phosphoglucomutase 1	5.496	6.50E-06

1430927_at	Ceacam18	carcinoembryonic antigen-related cell adhesion molecule 1	5.511	1.00E-06
1426360_at	Zc3h11a	zinc finger CCCH type containing 11A	5.513	2.03E-05
1438037_at	Herc5	hect domain and RLD 5	5.521	6.64E-05
1424688_at	Creb3l3	cAMP responsive element binding protein 3-like 3	5.550	2.40E-06
1425019_at	Ubxn2a	UBX domain protein 2A	5.559	0.0005375
1455854_a_at	Ssh1	slingshot homolog 1 (Drosophila)	5.611	6.00E-07
1416295_a_at	Il2rg	interleukin 2 receptor, gamma chain	5.688	0.0001081
1424923_at	Serpina3g	serine (or cysteine) peptidase inhibitor, clade A, member 3G	5.700	0.0001035
1457271_at	Gm131	gene model 131, (NCBI)	5.703	2.50E-06
1430234_at	Arl14	ADP-ribosylation factor-like 14	5.713	3.60E-06
1426413_at	Neurod1	neurogenic differentiation 1	5.714	3.40E-06
1445233_at	Rhbdl2	rhomboid, veinlet-like 2 (Drosophila)	5.754	3.30E-06
1427102_at	Slfn4	schlafen 4	5.755	1.30E-05
1419322_at	Fgd6	FYVE, RhoGEF and PH domain containing 6	5.783	1.90E-06
1449440_at	Lpin3	lipin 3	5.794	2.40E-06
1452163_at	Ets1	E26 avian leukemia oncogene 1, 5' domain	5.814	6.00E-07
1444004_at	Thoc2	THO complex 2	5.830	0.000243

1426113_x_at	Tcra	T-cell receptor alpha chain	5.869	3.11E-05
1437204_a_at	Tcf25	transcription factor 25 (basic helix-loop-helix)	5.870	5.00E-07
1460290_at	Lpin2	lipin 2	5.903	5.00E-06
1431024_a_at	Arid4b	AT rich interactive domain 4B (RBP1-like)	5.911	4.00E-07
1425335_at	Cd8a	CD8 antigen, alpha chain	5.911	3.00E-06
1460245_at	Klrd1	killer cell lectin-like receptor, subfamily D, member 1	5.923	3.60E-06
1437486_at	Gprc5a	G protein-coupled receptor, family C, group 5, member A	5.966	2.90E-05
1452653_at	Slc25a22	solute carrier family 25 (mitochondrial carrier, glutamate), member 22	5.971	1.30E-06
1452260_at	Cidec	cell death-inducing DFFA-like effector c	5.972	4.30E-06
1419473_a_at	Cck	cholecystokinin	6.035	1.60E-06
1446316_at	Lpin2	lipin 2	6.041	3.70E-06
1424354_at	Tmem140	transmembrane protein 140	6.047	4.30E-06
1419734_at	Actb	actin, beta	6.058	3.00E-07
1436904_at	Med13	mediator complex subunit 13	6.074	2.00E-06
1442256_at	Prkcd	protein kinase C, delta	6.077	5.00E-07
1444458_at	NA	NA	6.127	1.10E-06
1453127_at	Ppm1j	protein phosphatase 1J	6.206	2.27E-05
1425538_x_at	Ceacam1	carcinoembryonic antigen-related cell adhesion molecule 1	6.212	0.0003054

1422828_at	Cd3d	CD3 antigen, delta polypeptide	6.219	3.00E-06
1437110_at	2810474O19Rik	RIKEN cDNA 2810474O19 gene	6.231	2.14E-05
1416933_at	Por	P450 (cytochrome) oxidoreductase	6.249	4.00E-07
1428358_at	1810010M01Rik	RIKEN cDNA 1810010M01 gene	6.278	3.00E-07
1424518_at	Apol9a	apolipoprotein L 9a	6.298	2.70E-06
1419231_s_at	Krt12	keratin 12	6.309	3.16E-05
1449514_at	Grk5	G protein-coupled receptor kinase 5	6.328	1.90E-06
1441026_at	Parp4	poly (ADP-ribose) polymerase family, member 4	6.354	2.00E-07
1457084_at	Nlrp9b	NLR family, pyrin domain containing 9B	6.361	3.16E-05
1445843_at	Chd2	chromodomain helicase DNA binding protein 2	6.382	1.10E-06
1428851_at	1300014I06Rik	RIKEN cDNA 1300014I06 gene	6.392	5.20E-06
1416770_at	Stk25	serine/threonine kinase 25 (yeast)	6.397	7.00E-07
1418395_at	Slc47a1	solute carrier family 47, member 1	6.464	5.70E-06
1417651_at	Cyp2c29	cytochrome P450, family 2, subfamily c, polypeptide 29	6.564	9.20E-06
1443698_at	Xaf1	XIAP associated factor 1	6.565	1.40E-06
1418126_at	Ccl5	chemokine (C-C motif) ligand 5	6.573	1.32E-05
1422983_at	Itgb6	integrin beta 6	6.579	2.00E-06

1427630_x_at	Ceacam1	carcinoembryonic antigen-related cell adhesion molecule 1	6.582	0.0001445
1436058_at	Rsad2	radical S-adenosyl methionine domain containing 2	6.640	1.47E-05
1438311_at	2010002M12Rik	RIKEN cDNA 2010002M12 gene	6.699	2.90E-06
1447541_s_at	Itgae	integrin alpha E, epithelial-associated	6.716	1.36E-05
1422705_at	Pmepa1	prostate transmembrane protein, androgen induced 1	6.730	2.70E-06
1460330_at	Anxa3	annexin A3	6.757	3.00E-07
1416690_at	Gtpbp2	GTP binding protein 2	6.779	1.50E-06
1436385_at	Ganc	glucosidase, alpha; neutral C	6.852	9.60E-06
1448437_a_at	Gtpbp2	GTP binding protein 2	6.882	1.40E-06
1422812_at	Cxcr6	chemokine (C-X-C motif) receptor 6	6.904	3.75E-05
1440314_at	NA	NA	6.972	1.80E-06
1427440_a_at	Afm	afamin	6.976	1.00E-07
1434372_at	AW112010	expressed sequence AW112010	7.013	3.00E-07
1451257_at	Acsl6	acyl-CoA synthetase long-chain family member 6	7.040	2.51E-05
1460218_at	Cd52	CD52 antigen	7.052	4.00E-07
1432281_a_at	Itgb6	integrin beta 6	7.087	1.00E-06
1418340_at	Fcer1g	Fc receptor, IgE, high affinity I, gamma polypeptide	7.124	2.00E-07
1449216_at	Itgae	integrin alpha E, epithelial-associated	7.127	2.00E-07
1441818_at	NA	NA	7.130	1.40E-06

1424375_s_at	Gimap4	GTPase, IMAP family member 4	7.136	6.10E-06
1438783_at	NA	NA	7.161	2.30E-06
1430383_at	Ceacam20	carcinoembryonic antigen-related cell adhesion molecule 20	7.164	3.00E-07
1429550_at	Entpd8	ectonucleoside triphosphate diphosphohydrolase 8	7.193	3.00E-07
1457491_at	Plekha1	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1	7.250	4.90E-06
1426047_a_at	Ptprr	protein tyrosine phosphatase, receptor type, R	7.372	9.00E-07
1452405_x_at	A130082M07Rik	RIKEN cDNA A130082M07 gene	7.446	1.60E-06
1430191_at	9130004J05Rik	RIKEN cDNA 9130004J05 gene	7.495	7.00E-07
1446281_at	NA	NA	7.503	2.50E-06
1426670_at	Agrn	agrin	7.525	1.40E-06
1419230_at	Krt12	keratin 12	7.550	7.90E-06
1455104_at	Mxd1	MAX dimerization protein 1	7.637	4.90E-06
1450792_at	Tyrobp	TYRO protein tyrosine kinase binding protein	7.660	7.00E-07
1435313_at	Cd200r4	Cd200 receptor 4	7.675	4.10E-06
1451006_at	Xdh	xanthine dehydrogenase	7.716	1.20E-06
1448752_at	Car2	carbonic anhydrase 2	7.797	4.00E-07

1426452_a_at	Rab30	RAB30, member RAS oncogene family	7.846	1.00E-06
1418191_at	Usp18	ubiquitin specific peptidase 18	7.872	1.20E-06
1450783_at	lfit1	interferon-induced protein with tetratricopeptide repeats 1	7.931	7.60E-06
1455180_at	Gcom1	GRINL1A complex locus	7.951	2.00E-07
1421009_at	Rsad2	radical S-adenosyl methionine domain containing 2	8.045	1.30E-06
1434129_s_at	Lhfp12	lipoma HMGIC fusion partner-like 2	8.057	3.90E-06
1417133_at	Pmp22	peripheral myelin protein 22	8.060	1.30E-06
1450572_at	Akp3	alkaline phosphatase 3, intestine, not Mn requiring	8.167	3.53E-05
1425832_a_at	Cxcr6	chemokine (C-X-C motif) receptor 6	8.188	1.08E-05
1435529_at	OTTMUSG0000016644	predicted gene, OTTMUSG0000016644	8.190	2.40E-06
1427655_a_at	A630038E17Rik	RIKEN cDNA A630038E17 gene	8.206	2.00E-06
1417898_a_at	Gzma	granzyme A	8.212	4.00E-07
1452837_at	Lpin2	lipin 2	8.240	1.00E-07
1418219_at	Il15	interleukin 15	8.285	1.00E-07
1448980_at	Ghrl	ghrelin	8.387	1.00E-07
1427608_a_at	Tcrg-V1	T-cell receptor gamma, variable 1	8.473	1.00E-07
1419711_at	Cd7	CD7 antigen	8.526	2.00E-07
1439566_at	Gprn3	GPRIN family member 3	8.529	5.20E-06
1442305_at	Gtpbp2	GTP binding protein 2	8.589	4.00E-07

1429060_at	Malat1	metastasis associated lung adenocarcinoma transcript 1 (non-coding RNA)	8.638	9.00E-07
1451777_at	Ddx60	DEAD (Asp-Glu-Ala-Asp) box polypeptide 60	8.647	5.60E-06
1454742_at	Rasgef1b	RasGEF domain family, member 1B	8.705	3.60E-06
1426412_at	Neurod1	neurogenic differentiation 1	8.722	< 1e-07
1449235_at	Fasl	Fas ligand (TNF superfamily, member 6)	8.756	3.10E-06
1423249_at	Nktr	natural killer tumor recognition sequence	8.767	4.00E-07
1416691_at	Gtpbp2	GTP binding protein 2	8.828	1.00E-07
1430984_at	Azin1	antizyme inhibitor 1	9.048	1.00E-07
1418739_at	Sgk2	serum/glucocorticoid regulated kinase 2	9.180	8.00E-07
1435402_at	Gramd1b	GRAM domain containing 1B	9.346	7.00E-07
1422706_at	Pmepa1	prostate transmembrane protein, androgen induced 1	9.354	1.00E-07
1439016_x_at	Sprr2a	small proline-rich protein 2A	9.574	1.00E-07
1423150_at	Scg5	secretogranin V	9.628	5.00E-07
1419178_at	Cd3g	CD3 antigen, gamma polypeptide	9.824	1.00E-07
1438403_s_at	Malat1	metastasis associated lung adenocarcinoma transcript 1 (non-coding RNA)	9.829	8.00E-06
1419060_at	Gzmb	granzyme B	9.856	6.00E-07

1449457_at	Acot12	acyl-CoA thioesterase 12	10.338	1.60E-06
1447394_at	EG622139	predicted gene, EG622139	10.564	1.00E-07
1417552_at	Fap	fibroblast activation protein	10.848	1.00E-07
1422188_s_at	Tcrg-V3	T-cell receptor gamma, variable 3	10.942	1.00E-07
1450678_at	Itgb2	integrin beta 2	10.957	2.30E-06
1425933_a_at	Nt5c2	5@#%&-nucleotidase, cytosolic II	11.024	1.00E-07
1424339_at	Oasl1	2@#%&-5@#%& oligoadenylate synthetase-like 1	11.101	1.00E-07
1422189_x_at	Tcrg-V4	T-cell receptor gamma, variable 4	11.136	5.00E-07
1444078_at	Cd8a	CD8 antigen, alpha chain	12.543	2.00E-07
1421375_a_at	S100a6	S100 calcium binding protein A6 (calcyclin)	12.599	< 1e-07
1439114_at	Ddx60	DEAD (Asp-Glu-Ala-Asp) box polypeptide 60	13.184	5.00E-07
1437258_at	100042999	predicted gene, 100042999	13.366	3.00E-07
1449133_at	Sprr1a	small proline-rich protein 1A	13.390	1.00E-07
1448680_at	Serpina1c	serine (or cysteine) peptidase inhibitor, clade A, member 1c	13.448	1.00E-07
1457554_at	Apob	apolipoprotein B	13.789	< 1e-07
1419524_at	Tph1	tryptophan hydroxylase 1	13.896	< 1e-07
1450521_a_at	Tcrg-V4	T-cell receptor gamma, variable 4	14.297	< 1e-07
1451673_at	Cd8a	CD8 antigen, alpha chain	14.369	< 1e-07
1418805_at	Sct	secretin	14.376	< 1e-07

1424962_at	Tm4sf4	transmembrane 4 superfamily member 4	15.583	< 1e-07
1422860_at	Nts	neurotensin	15.768	< 1e-07
1418189_s_at	Ramp2	receptor (calcitonin) activity modifying protein 2	15.828	9.60E-06
1450618_a_at	Sprr2a	small proline- rich protein 2A	15.974	< 1e-07
1449907_at	Bcmo1	beta-carotene 15,15@#%&- monooxygenase	16.801	< 1e-07
1452378_at	Malat1	metastasis associated lung adenocarcinoma transcript 1 (non- coding RNA)	17.414	1.00E-07
1418661_at	Abhd2	abhydrolase domain containing 2	18.662	1.00E-07
1418188_a_at	Ramp2	receptor (calcitonin) activity modifying protein 2	19.202	5.60E-06
1427285_s_at	Malat1	metastasis associated lung adenocarcinoma transcript 1 (non- coding RNA)	19.448	< 1e-07
1455449_at	2010107G12Rik	RIKEN cDNA 2010107G12 gene	21.357	< 1e-07
1448964_at	S100g	S100 calcium binding protein G	25.008	< 1e-07
1428547_at	Nt5e	5@#%& nucleotidase, ecto	30.343	< 1e-07
1420437_at	Indo	indoleamine- pyrrole 2,3 dioxygenase	41.992	< 1e-07
1428361_x_at	Hba-a1	hemoglobin alpha, adult chain 1	45.925	< 1e-07

1417184_s_at	Hbb-b2	hemoglobin, beta adult minor chain	49.960	< 1e-07
1439727_at	Clca6	chloride channel calcium activated 6	51.441	< 1e-07
1452757_s_at	Hba-a1	hemoglobin alpha, adult chain 1	58.920	< 1e-07
1439260_a_at	Enpp3	ectonucleotide pyrophosphatas e/phosphodieste rase 3	71.019	< 1e-07
1427302_at	Enpp3	ectonucleotide pyrophosphatas e/phosphodieste rase 3	75.342	< 1e-07
1452384_at	Enpp3	ectonucleotide pyrophosphatas e/phosphodieste rase 3	76.969	< 1e-07
1417976_at	Ada	adenosine deaminase	80.917	< 1e-07
1450639_at	Slc28a2	solute carrier family 28 (sodium-coupled nucleoside transporter), member 2	131.038	< 1e-07