

Supplemental Table S1: Total list of genes for which transcriptional expression is significantly increased in the P4-treated SRC-2^{ff} uterus as compared to oil-treated SRC-2^{ff} uterus (fold change > 1.5 with $p < 0.05$).

Supplemental Table S2: Total list of genes for which transcriptional expression is significantly decreased in the P4-treated SRC-2^{ff} uterus compared to oil-treated SRC-2^{ff} uterus (fold change < -1.5 with $p < 0.05$).

Supplemental Table S3: Total list of genes with significantly decreased transcript levels in the P4-treated SRC-2^{d/d} uterus as compared to P4-treated SRC-2^{ff} uterus (fold change < -1.4 with $p < 0.05$). Fold change indicates the fold decrease in transcriptional induction by P4 when SRC-2 levels are depleted.

Supplemental Table S4: Total list of genes with significantly increased transcript levels in the P4-treated SRC-2^{d/d} uterus as compared to P4-treated SRC-2^{ff} uterus (fold change < -1.4 with $p < 0.05$). Fold change indicates the fold decrease in transcriptional repression by P4 when SRC-2 levels are depleted.

SUPPLEMENTAL TABLE 1: List of Genes Upregulated by P4 in SRC-2 ^{ff} (Control) Mice					
Probe set	Gene Title	Gene Symbol	Entrez ID	Fold change	p value
1421134_at	amphiregulin	Areg	11839	47.0	0.0027551
1429608_at	alcohol dehydrogenase 6A (class V)	Adh6a	69117	45.2	0.0008686
1420504_at	solute carrier family 6 (neurotransmitter transporter), member 14	Slc6a14	56774	28.8	1.46E-05
1420771_at	small proline-rich protein 2D	Sprr2d	20758	25.8	0.0073407
1420503_at	solute carrier family 6 (neurotransmitter transporter), member 14	Slc6a14	56774	17.9	3.925E-05
1434202_a_at	family with sequence similarity 107, member A	Fam107a	268709	16.4	0.0001316
1429013_at	MAP7 domain containing 2	Mtap7d2	78283	15.0	9.403E-05
1419253_at	methylenetetrahydrofolate dehydrogenase (NAD+ dependent), meth	Mthfd2	17768	10.7	0.0001732
1416125_at	FK506 binding protein 5	Fkbp5	14229	9.6	0.0010067
1426595_at	solute carrier family 18 (vesicular monoamine), member 1	Slc18a1	110877	9.3	0.0008715
1417094_at	acyl-CoA thioesterase 7	Acot7	70025	9.3	4.608E-05
1419430_at	cytochrome P450, family 26, subfamily a, polypeptide 1	Cyp26a1	13082	9.2	0.0041674
1427102_at	schlafen 4	Slfn4	20558	9.0	0.0053616
1421113_at	pepsinogen 5, group I	Pga5	58803	9.0	1.668E-05
1448756_at	S100 calcium binding protein A9 (calgranulin B)	S100a9	20202	8.2	0.0083516
1419254_at	methylenetetrahydrofolate dehydrogenase (NAD+ dependent), meth	Mthfd2	17768	8.2	6.958E-05
1455913_x_at	transthyretin	Ttr	22139	8.1	0.0001228
1419394_s_at	S100 calcium binding protein A8 (calgranulin A)	S100a8	20201	8.0	0.0029658
1454608_x_at	transthyretin	Ttr	22139	8.0	8.043E-06
1417231_at	claudin 2	Cldn2	12738	7.5	0.0010394
1422177_at	interleukin 13 receptor, alpha 2	Il13ra2	16165	7.9	8.918E-05
1426268_at	RIKEN cDNA C130090K23 gene	C130090K23Rik	231293	6.8	0.000312
1452284_at	protein tyrosine phosphatase, receptor type Z, polypeptide 1	Ptprz1	19283	6.8	2.857E-05
1418806_at	colony stimulating factor 3 receptor (granulocyte)	Csf3r	12986	6.3	0.0067639
1431211_s_at	thioesterase superfamily member 5	Them5	66198	6.2	0.0011985
1416761_at	hydroxysteroid 11-beta dehydrogenase 2	Hsd11b2	15484	6.0	0.0003528
1427019_at	protein tyrosine phosphatase, receptor type Z, polypeptide 1	Ptprz1	19283	5.9	0.0001396
1424211_at	solute carrier family 25, member 33	Slc25a33	70556	5.9	0.0001928
1435999_at	serine peptidase inhibitor, Kazal type 8	Spink8	78709	5.7	0.0002118
1449592_at	transcription factor 15	Tcf15	21407	5.6	6.097E-05
1444176_at	ATPase, H+ transporting, lysosomal V0 subunit D2	Atp6v0d2	242341	5.6	0.0044336
1451532_s_at	six transmembrane epithelial antigen of the prostate 1	Steap1	70358	5.5	0.0013859
1424938_at	six transmembrane epithelial antigen of the prostate 1	Steap1	70358	5.1	0.0076819
1451796_s_at	histidine decarboxylase	Hdc	15186	5.6	0.0057087
1434203_at	family with sequence similarity 107, member A	Fam107a	268709	5.5	8.211E-06

1453801_at	thioesterase superfamily member 5	Them5	66198	5.3	0.0009678
1454713_s_at	histidine decarboxylase	Hdc	15186	5.2	0.0069182
1459737_s_at	transthyretin	Ttr	22139	5.2	6.326E-05
1419532_at	interleukin 1 receptor, type II	Il1r2	16178	5.1	0.0097626
1416432_at	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	Pfkfb3	170768	5.0	1.169E-05
1434008_at	sodium channel, type IV, beta	Scn4b	399548	4.9	0.0017421
1416041_at	serum/glucocorticoid regulated kinase 1	Sgk1	20393	4.8	1.565E-05
1423611_at	alkaline phosphatase, liver/bone/kidney	Alpl	11647	4.7	0.0012416
1429216_at	progesterin and adipoQ receptor family member III	Paqr3	231474	4.7	6.179E-05
1450731_s_at	tumor necrosis factor receptor superfamily, member 21	Tnfrsf21	94185	4.7	6.962E-05
1431416_a_at	junction adhesion molecule 2	Jam2	67374	4.7	2.185E-05
1451580_a_at	transthyretin	Ttr	22139	4.7	0.000768
1450704_at	Indian hedgehog	Ihh	16147	4.4	1.198E-05
1448842_at	cysteine dioxygenase 1, cytosolic	Cdo1	12583	5.0	0.0039839
1434458_at	follistatin	Fst	14313	4.9	0.0034918
1433902_at	kelch repeat and BTB (POZ) domain containing 8	Kbtbd8	243574	4.5	0.0057122
1456509_at	RIKEN cDNA 1110032F04 gene	1110032F04Rik	68725	4.2	0.0009292
1434798_at	ATPase, H+ transporting, lysosomal V0 subunit D2	Atp6v0d2	242341	4.1	0.0020137
1418203_at	phorbol-12-myristate-13-acetate-induced protein 1	Pmaip1	58801	4.3	0.0008548
1422740_at	tumor necrosis factor receptor superfamily, member 21	Tnfrsf21	94185	4.3	3.884E-05
1427514_at	hypothetical protein LOC624295	LOC624295	624295	4.3	0.0009875
1454866_s_at	chloride intracellular channel 6	Clic6	209195	4.2	0.0004381
1455898_x_at	solute carrier family 2 (facilitated glucose transporter), member 3	Slc2a3	20527	4.2	8.827E-05
1452652_at	transmembrane protein 158	Tmem158	72309	4.2	0.0010959
1437052_s_at	solute carrier family 2 (facilitated glucose transporter), member 3	Slc2a3	20527	4.1	0.0001853
1426243_at	cystathionase (cystathionine gamma-lyase)	Cth	107869	4.1	0.00016
1418453_a_at	ATPase, Na+/K+ transporting, beta 1 polypeptide	Atp1b1	11931	4.0	2.975E-05
1439036_a_at	ATPase, Na+/K+ transporting, beta 1 polypeptide	Atp1b1	11931	4.0	5.124E-05
1434411_at	collagen, type XII, alpha 1	Col12a1	12816	3.9	0.0004822
1429029_at	sphingomyelin synthase 2	Sgms2	74442	3.9	0.0021422
1436568_at	junction adhesion molecule 2	Jam2	67374	3.9	0.0002383
1439569_at	G protein-coupled receptor 83	Gpr83	14608	3.8	0.0030127
1424901_at	glucosaminyl (N-acetyl) transferase 3, mucin type	Gcnt3	72077	3.8	0.0008426
1417149_at	procollagen-proline, 2-oxoglutarate 4-dioxygenase (proline 4-hydroxy	P4ha2	18452	3.8	0.0001001
1421260_a_at	spermidine synthase	Srm	20810	3.8	8.064E-05
1421078_at	transcription factor 23	Tcf23	69852	3.8	0.0009004
1427735_a_at	actin, alpha 1, skeletal muscle	Acta1	11459	3.8	0.0001627

1428662_a_at	HOP homeobox	Hopx	74318	3.7	9.615E-05
1421037_at	neuronal PAS domain protein 2	Npas2	18143	3.7	0.0003109
1434239_at	ribosomal RNA processing 12 homolog (<i>S. cerevisiae</i>)	Rrp12	107094	3.7	0.0002547
1449408_at	junction adhesion molecule 2	Jam2	67374	3.7	5.821E-05
1428663_at	sphingomyelin synthase 2	Sgms2	74442	3.7	0.0012403
1429262_at	Ras association (RalGDS/AF-6) domain family member 6	Rassf6	73246	3.7	0.006603
1419272_at	myeloid differentiation primary response gene 88	Myd88	17874	3.6	1.225E-05
1451776_s_at	HOP homeobox	Hopx	74318	3.6	6.776E-05
1450772_at	wingless-related MMTV integration site 11	Wnt11	22411	3.6	0.0004619
1439163_at	zinc finger and BTB domain containing 16	Zbtb16	235320	3.6	0.0146189
1438306_at	ring finger protein 180	Rnf180	71816	3.6	0.00092
1439016_x_at	small proline-rich protein 2A	Sprr2a	20755	3.7	0.0060687
1428550_at	YdjC homolog (bacterial)	Ydjc	69101	3.6	0.006595
1424140_at	galactose-4-epimerase, UDP	Gale	74246	3.6	0.0009341
1419874_x_at	zinc finger and BTB domain containing 16	Zbtb16	235320	3.5	0.001634
1419195_at	WAP four-disulfide core domain 15B	Wfdc15b	192201	3.4	0.0002558
1451599_at	sestrin 2	Sesn2	230784	3.4	0.0008307
1419705_at	carbonic anhydrase 5b, mitochondrial	Car5b	56078	3.4	0.0017084
1450855_at	armadillo repeat gene deleted in velo-cardio-facial syndrome	Arvcf	11877	3.2	0.0008626
1450826_a_at	serum amyloid A 3	Saa3	20210	3.2	0.0045992
1418572_x_at	tumor necrosis factor receptor superfamily, member 12a	Tnfrsf12a	27279	3.1	0.0004579
1418571_at	tumor necrosis factor receptor superfamily, member 12a	Tnfrsf12a	27279	3.1	0.0002739
1452490_a_at	adaptor protein complex AP-2, alpha 2 subunit	Ap2a2	11772	3.0	0.0001421
1460197_a_at	STEAP family member 4	Steap4	117167	3.0	0.0013545
1418346_at	insulin-like 6	Insl6	27356	3.5	0.0002225
1451339_at	sulfite oxidase	Suox	211389	3.5	0.0001378
1417262_at	prostaglandin-endoperoxide synthase 2	Ptgs2	19225	3.4	0.0087407
1448231_at	FK506 binding protein 5	Fkbp5	14229	3.4	0.0005032
1452326_at	ATPase, Ca ⁺⁺ transporting, type 2C, member 2	Atp2c2	69047	3.4	0.0023279
1456981_at	transmembrane channel-like gene family 7	Tmc7	209760	3.4	2.337E-05
1417089_a_at	creatine kinase, mitochondrial 1, ubiquitous	Ckmt1	12716	3.4	0.0003886
1422612_at	hexokinase 2	Hk2	15277	3.4	0.0016794
1419569_a_at	interferon-stimulated protein	Isg20	57444	3.3	0.0024883
1451152_a_at	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide	Atp1b1	11931	3.3	6.453E-05
1419282_at	chemokine (C-C motif) ligand 12	Ccl12	20293	3.3	0.0041385
1423890_x_at	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide	Atp1b1	11931	3.3	1.058E-05
1452367_at	coronin, actin binding protein 2A	Coro2a	107684	3.3	7.382E-05

1455419_at	RIKEN cDNA D630045J12 gene	D630045J12Rik	330286	3.3	0.0001163
1420961_a_at	influenza virus NS1A binding protein	lvns1abp	117198	3.2	0.0002378
1417689_a_at	PDZK1 interacting protein 1	Pdzk1ip1	67182	3.2	0.0020919
1416563_at	cytidine 5'-triphosphate synthase	Ctps	51797	3.2	6.921E-05
1448067_at	expressed sequence AW011956	AW011956	105332	3.2	0.0013575
1431705_a_at	mucolin 2	Mcoln2	68279	3.2	0.0003386
1415916_a_at	methylenetetrahydrofolate dehydrogenase (NADP+ dependent), met	Mthfd1	108156	3.2	9.276E-06
1460555_at	family with sequence similarity 65, member B	Fam65b	193385	3.2	0.0013648
1451502_at	phospholipase A2, group X	Pla2g10	26565	3.2	0.0097372
1415917_at	methylenetetrahydrofolate dehydrogenase (NADP+ dependent), met	Mthfd1	108156	3.1	9.551E-06
1419491_at	defensin beta 1	Defb1	13214	3.1	0.0058954
1422821_s_at	StAR-related lipid transfer (START) domain containing 5	Stard5	170460	3.1	6.514E-05
1455477_s_at	PDZK1 interacting protein 1	Pdzk1ip1	67182	3.1	0.0016724
1422767_at	bystin-like	Bysl	53414	3.1	8.343E-05
1436941_at	family with sequence similarity 55, member C	Fam55c	385658	3.1	0.0002153
1440409_at	glucosaminyl (N-acetyl) transferase 3, mucin type	Gcnt3	72077	3.1	0.001224
1419816_s_at	ERBB receptor feedback inhibitor 1	Errfi1	74155	3.1	0.0094078
1440116_at	RIKEN cDNA D630045J12 gene	D630045J12Rik	330286	3.1	0.0005886
1433789_at	small nucleolar RNA host gene (non-protein coding) 3	Snhg3	399101	3.0	0.000537
1426410_at	pyruvate dehydrogenase kinase, isoenzyme 3	Pdk3	236900	3.0	9.271E-06
1434413_at	insulin-like growth factor 1	Igf1	16000	3.0	0.0010776
1450852_s_at	coagulation factor II (thrombin) receptor	F2r	14062	3.0	0.0001786
1429400_at	chloride channel 5	Clcn5	12728	3.0	0.0001222
1439795_at	G protein-coupled receptor 64	Gpr64	237175	3.0	0.000113
1419295_at	cAMP responsive element binding protein 3-like 1	Creb3l1	26427	2.9	0.0012796
1455366_at	mitochondrial ribosomal protein L52	Mrpl52	68836	2.9	0.0052802
1427944_at	caprin family member 2	Caprin2	232560	2.9	0.0003744
1418471_at	placental growth factor	Pgf	18654	2.9	0.0008519
1436704_x_at	methylenetetrahydrofolate dehydrogenase (NADP+ dependent), met	Mthfd1	108156	2.9	0.0031414
1432997_at	RIKEN cDNA 5830462P14 gene	5830462P14Rik	76098	2.8	0.0001408
1451540_at	mannose phosphate isomerase	Mpi	110119	2.8	0.0015676
1427797_s_at	predicted gene, EG665955	EG665955	665955	2.8	0.0045715
1422803_at	follistatin-like 3	Fstl3	83554	2.8	0.0004976
1441272_at	Matrin 3, mRNA (cDNA clone MGC:28206 IMAGE:3989914)	Matr3	17184	2.8	0.0133686
1455843_at	fucosyltransferase 4	Fut4	14345	2.8	0.0007358
1419288_at	junction adhesion molecule 2	Jam2	67374	2.8	0.0007891
1428112_at	arginine-rich, mutated in early stage tumors	Armet	74840	2.8	0.0001181

1428942_at	metallothionein 2	Mt2	17750	2.8	1.968E-05
1437308_s_at	coagulation factor II (thrombin) receptor	F2r	14062	2.8	0.0002192
1450742_at	bystin-like	Bysl	53414	2.8	0.0009616
1420295_x_at	chloride channel 5	Clcn5	12728	2.8	0.0007223
1428074_at	transmembrane protein 158	Tmem158	72309	2.7	0.0006869
1415860_at	karyopherin (importin) alpha 2	Kpna2	16647	2.7	0.0026484
1422443_at	X-prolyl aminopeptidase (aminopeptidase P) 1, soluble	Xpnpep1	170750	2.7	0.0002102
1420819_at	src-like adaptor	Sla	20491	2.7	0.0057103
1437401_at	insulin-like growth factor 1	Igf1	16000	2.7	0.0006416
1434601_at	adhesion molecule with Ig like domain 2	Amigo2	105827	2.6	0.0005141
1418746_at	paroxysmal nonkinesigenic dyskinesia	Pnkd	56695	2.6	2.429E-05
1432418_a_at	creatine kinase, mitochondrial 1, ubiquitous	Ckmt1	12716	2.6	0.0023118
1447272_s_at	ATPase, class V, type 10A	Atp10a	11982	2.6	0.0003571
1448945_at	plasma membrane proteolipid	Plip	67801	2.6	0.0003529
1423920_at	non-SMC condensin I complex, subunit H	Ncaph	215387	2.6	0.0053856
1450131_a_at	B-box and SPRY domain containing	Bspry	192120	2.6	0.0014233
1434651_a_at	claudin 3	Cldn3	12739	2.6	0.0001996
1431422_a_at	dual specificity phosphatase 14	Dusp14	56405	2.6	0.0013296
1453181_x_at	phospholipid scramblase 1	Plscr1	22038	2.6	0.0007042
1421926_at	mitogen-activated protein kinase 11	Mapk11	19094	2.6	0.0001529
1428737_s_at	GRAM domain containing 3	Gramd3	107022	2.6	0.0011913
1429527_a_at	phospholipid scramblase 1	Plscr1	22038	2.6	0.0004068
1451895_a_at	24-dehydrocholesterol reductase	Dhcr24	74754	2.6	0.0021388
1424843_a_at	growth arrest specific 5	Gas5	14455	2.6	0.0058248
1425255_s_at	heterogeneous nuclear ribonucleoprotein L-like	Hnrpll	72692	2.6	7.043E-05
1423569_at	glycine amidinotransferase (L-arginine:glycine amidinotransferase)	Gatm	67092	2.5	0.0001448
1431335_a_at	WAP four-disulfide core domain 1	Wfdc1	67866	2.5	0.0007013
1455965_at	a disintegrin-like and metallopeptidase (reprolysin type) with thrombo	Adamts4	240913	2.5	0.013299
1422557_s_at	metallothionein 1	Mt1	17748	2.5	7.664E-05
1417884_at	solute carrier family 16 (monocarboxylic acid transporters), member 6	Slc16a6	104681	2.5	5.802E-05
1436448_a_at	prostaglandin-endoperoxide synthase 1	Ptgs1	19224	2.5	0.0009256
1437965_at	HEAT repeat containing 1	Heatr1	217995	2.5	0.0064112
1432579_at	radial spokehead-like 2A	Rshl2a	66832	2.5	0.0004951
1454953_at	ring finger protein 157	Rnf157	217340	2.5	0.0002284
1431295_a_at	syntaxin 18	Stx18	71116	2.5	0.000986
1416998_at	RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)	Rrs1	59014	2.5	0.0004949
1439030_at	GDP-mannose pyrophosphorylase B	Gmpppb	331026	2.5	0.0002554

1436707_x_at	non-SMC condensin I complex, subunit H	Ncaph	215387	2.5	0.0023342
1441831_x_at	Chloride channel 5, mRNA (cDNA clone MGC:35965 IMAGE:398981)	Clcn5	12728	2.5	0.0004842
1451701_x_at	claudin 3	Cldn3	12739	2.5	0.0001576
1419365_at	peroxisomal biogenesis factor 11 alpha	Pex11a	18631	2.5	0.0001173
1452445_at	Mus musculus, clone IMAGE:3980872, mRNA	Slc41a2	338365	2.5	0.0007233
1430491_at	block of proliferation 1	Bop1	12181	2.4	0.0143416
1460569_x_at	claudin 3	Cldn3	12739	2.4	0.0003078
1448270_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 21	Ddx21	56200	2.4	0.0002344
1418206_at	stromal cell-derived factor 2-like 1	Sdf2l1	64136	2.4	0.0005883
1423643_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39	Ddx39	68278	2.4	0.0004881
1426037_a_at	regulator of G-protein signaling 16	Rgs16	19734	2.4	0.0069309
1451293_at	RRP9, small subunit (SSU) processome component, homolog (yeast)	Rrp9	27966	2.4	0.0005263
1435737_a_at	nuclear distribution gene E homolog 1 (A nidulans)	Nde1	67203	2.4	0.0002322
1419519_at	insulin-like growth factor 1	Igf1	16000	2.4	0.0010337
1455667_at	prolactin regulatory element binding	Preb	50907	2.4	0.0029301
1449110_at	ras homolog gene family, member B	Rhob	11852	2.4	0.0018396
1454659_at	dCMP deaminase	Dctd	320685	2.4	0.0064045
1428562_at	RIKEN cDNA 2210403K04 gene	2210403K04Rik	67098	2.4	0.0071241
1460012_at	WAP four-disulfide core domain 3	Wfdc3	71856	2.4	0.0012746
1450017_at	cyclin G1	Ccng1	12450	2.4	0.0001975
1416235_at	leucine rich repeat containing 59	Lrrc59	98238	2.4	0.0006014
1450735_at	partner of NOB1 homolog (S. cerevisiae)	Pno1	66249	2.4	0.0013176
1449442_at	peroxisomal biogenesis factor 11 alpha	Pex11a	18631	2.4	0.0003243
1429792_at	RIKEN cDNA 9530048O09 gene	9530048O09Rik	78611	2.3	0.0003046
1455904_at	growth arrest specific 5	Gas5	14455	2.3	0.0032281
1430111_a_at	branched chain aminotransferase 1, cytosolic	Bcat1	12035	2.3	0.0136948
1426332_a_at	claudin 3	Cldn3	12739	2.3	0.0002137
1420406_at	paternally expressed 12	Peg12	27412	2.3	0.001833
1455814_x_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39	Ddx39	68278	2.3	0.0002803
1455402_at	suppressor of cytokine signaling 7	Socs7	192157	2.3	8.518E-05
1417212_at	RIKEN cDNA 9530058B02 gene	9530058B02Rik	68241	2.3	0.0002942
1437373_at	apoptosis enhancing nuclease	Aen	68048	2.3	0.0010602
1438168_x_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39	Ddx39	68278	2.3	0.0002141
1449044_at	eukaryotic translation elongation factor 1 epsilon 1	Eef1e1	66143	2.3	0.0001407
1448568_a_at	solute carrier family 20, member 1	Slc20a1	20515	2.3	0.0006754
1452661_at	transferrin receptor	Tfrc	22042	2.3	0.0003439
1424882_a_at	5'-nucleotidase domain containing 2	Nt5dc2	70021	2.3	0.0015021

1426958_at	ribosomal protein S9	Rps9	76846	2.3	0.0022208
1434165_at	chloride intracellular channel 6	Clic6	209195	2.3	0.0016377
1453745_at	RIKEN cDNA 2700038G22 gene	2700038G22Rik	67194	2.3	0.0010628
1426381_at	peroxisome proliferative activated receptor, gamma, coactivator-related	Pprc1	226169	2.3	0.0006374
1450016_at	cyclin G1	Ccng1	12450	2.3	7.478E-05
1434427_a_at	ring finger protein 157	Rnf157	217340	2.3	0.0009043
1450627_at	progressive ankylosis	Ank	11732	2.3	0.0001541
1454197_a_at	coiled-coil domain containing 86	Ccdc86	108673	2.3	0.0004644
1440786_x_at	Sideroflexin 2, mRNA (cDNA clone MGC:30418 IMAGE:5043343)	Sfxn2	94279	2.3	0.0014282
1450506_a_at	apoptosis enhancing nuclease	Aen	68048	2.3	0.0015963
1434653_at	PTK2 protein tyrosine kinase 2 beta	Ptk2b	19229	2.3	0.0033449
1453135_at	fibronectin type III domain containing 5	Fndc5	384061	2.2	0.00707
1423414_at	prostaglandin-endoperoxide synthase 1	Ptgs1	19224	2.2	0.0020454
1426813_at	LTV1 homolog (S. cerevisiae)	Ltv1	353258	2.2	0.0001886
1456865_x_at	RRS1 ribosome biogenesis regulator homolog (S. cerevisiae)	Rrs1	59014	2.2	0.0001098
1424522_at	HEAT repeat containing 1	Heatr1	217995	2.2	9.424E-05
1423685_at	alanyl-tRNA synthetase	Aars	234734	2.2	6.768E-05
1434188_at	solute carrier family 16 (monocarboxylic acid transporters), member 12	Slc16a12	240638	2.2	0.0017056
1418079_at	proteasome (prosome, macropain) 28 subunit, 3	Psme3	19192	2.2	0.0008349
1436222_at	growth arrest specific 5	Gas5	14455	2.2	0.0124395
1427923_at	zinc metalloproteinase, STE24 homolog (S. cerevisiae)	Zmpste24	230709	2.2	0.0001651
1423566_a_at	heat shock 105kDa/110kDa protein 1	Hsph1	15505	2.2	0.0012556
1419058_at	polymerase (RNA) I polypeptide E	Polr1e	64424	2.2	0.0007991
1425011_x_at	syntaxin 18	Stx18	71116	2.2	0.0007573
1437870_at	solute carrier organic anion transporter family, member 4C1	Slco4c1	227394	2.2	0.0020248
1455266_at	kinesin family member 5C	Kif5c	16574	2.2	0.0014915
1451065_a_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 39	Ddx39	68278	2.2	2.47E-05
1450846_at	basic leucine zipper and W2 domains 1	Bzw1	66882	2.2	0.0040335
1441776_at	tetraspanin 11	Tspan11	68498	2.2	0.0013147
1427144_at	heterogeneous nuclear ribonucleoprotein L-like	Hnrpll	72692	2.2	1.668E-05
1417890_at	pyridoxal (pyridoxine, vitamin B6) phosphatase	Pdpx	57028	2.2	0.000101
1436136_at	nucleolar complex associated 2 homolog (S. cerevisiae)	Noc2l	57741	2.2	0.0030477
1429288_x_at	syntaxin 18	Stx18	71116	2.2	0.0001277
1438018_at	hook homolog 1 (Drosophila)	Hook1	77963	2.2	0.0003223
1422484_at	cytochrome c, somatic	Cycc	13063	2.2	0.0003205
1427055_at	thioesterase superfamily member 4	Them4	75778	2.2	0.0018643
1416316_at	solute carrier family 27 (fatty acid transporter), member 2	Slc27a2	26458	2.2	3.516E-05

1450871_a_at	branched chain aminotransferase 1, cytosolic	Bcat1	12035	2.2	0.0031997
1452414_s_at	coiled-coil domain containing 86	Ccdc86	108673	2.2	0.0002273
1457292_at	TATA box binding protein (Tbp)-associated factor, RNA polymerase	Taf1d	75316	2.2	0.003597
1453819_x_at	syntaxin 18	Stx18	71116	2.2	0.0010496
1426649_at	transmembrane protein with EGF-like and two follistatin-like domains	Tmeff1	230157	2.2	0.0013286
1435115_at	fibronectin type III domain containing 5	Fndc5	384061	2.2	0.0024486
1455035_s_at	NOP56 ribonucleoprotein homolog (yeast)	Nop56	67134	2.2	0.0004234
1427095_at	CUB domain containing protein 1	Cdcp1	109332	2.2	0.0019255
1427997_at	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly f	Ndufaf4	68493	2.2	0.0007356
1428223_at	major facilitator superfamily domain containing 2	Mfsd2	76574	2.2	0.007245
1455878_at	RIKEN cDNA 2700023E23 gene	2700023E23Rik	70036	2.2	0.0022543
1422733_at	four jointed box 1 (Drosophila)	Fjx1	14221	2.2	7.425E-05
1428048_at	cDNA sequence BC027582	BC027582	269472	2.2	0.0043091
1423784_at	glycyl-tRNA synthetase	Gars	353172	2.2	0.0001003
1449233_at	basic helix-loop-helix family, member a15	Bhlha15	17341	2.1	0.0003
1417422_at	glycine N-methyltransferase	Gnmt	14711	2.1	0.0003045
1451406_a_at	proprotein convertase subtilisin/kexin type 5	Pcsk5	18552	2.1	0.0013889
1416346_at	translocase of inner mitochondrial membrane 8 homolog a1 (yeast)	Timm8a1	30058	2.1	0.0014741
1433576_at	methionine adenosyltransferase II, alpha	Mat2a	232087	2.1	6.581E-05
1460742_at	asparagine-linked glycosylation 3 homolog (yeast, alpha-1,3-mannos	Alg3	208624	2.1	0.0025942
1434154_at	potassium channel tetramerisation domain containing 13	Kctd13	233877	2.1	9.422E-05
1423136_at	fibroblast growth factor 1	Fgf1	14164	2.1	0.0017663
1429169_at	RNA binding motif protein 3	Rbm3	19652	2.1	0.0054357
1422789_at	aldehyde dehydrogenase family 1, subfamily A2	Aldh1a2	19378	2.1	0.0043158
1417629_at	proline dehydrogenase	Prodh	19125	2.1	2.273E-05
1433739_at	nucleolar protein 10	Nol10	217431	2.1	0.0001203
1436874_x_at	solute carrier family 25 (mitochondrial carrier, adenine nucleotide tra	Slc25a5	11740	2.1	0.0007874
1426426_at	MAK16 homolog (S. cerevisiae)	Mak16	67920	2.1	0.0003456
1423823_at	MRT4, mRNA turnover 4, homolog (S. cerevisiae)	Mrto4	69902	2.1	0.0001158
1416234_at	leucine rich repeat containing 59	Lrrc59	98238	2.1	7.83E-05
1449853_at	sideroflexin 2	Sfxn2	94279	2.1	0.0027659
1435102_a_at	syntaxin 18	Stx18	71116	2.1	0.0001682
1450769_s_at	StAR-related lipid transfer (START) domain containing 5	Stard5	170460	2.1	0.0027165
1415807_s_at	splicing factor, arginine/serine-rich 2 (SC-35)	Sfrs2	20382	2.1	0.0053886
1424824_at	SLAIN motif family, member 1	Slain1	105439	2.1	0.000146
1434801_x_at	solute carrier family 25 (mitochondrial carrier, adenine nucleotide tra	Slc25a5	11740	2.1	0.0024592
1435655_at	ribosomal protein L12	Rpl12	269261	2.1	0.001493

1425921_a_at	RIKEN cDNA 1810055G02 gene	1810055G02Rik	72056	2.1	0.0002767
1426533_at	NOP56 ribonucleoprotein homolog (yeast)	Nop56	67134	2.1	0.0005349
1415828_a_at	stress-associated endoplasmic reticulum protein 1	Serp1	28146	2.1	0.0055339
1438036_x_at	family with sequence similarity 82, member A1	Fam82a1	381110	2.1	0.0046407
1416481_s_at	HIG1 domain family, member 1A	Higd1a	56295	2.1	7.809E-05
1451026_at	FtsJ homolog 3 (E. coli)	Ftsj3	56095	2.1	0.0002499
1454236_a_at	family with sequence similarity 118, member B	Fam118b	109229	2.1	0.001227
1429165_at	RIKEN cDNA 3110001I22 gene	3110001I22Rik	66598	2.1	0.0025147
1450087_a_at	nucleolar and coiled-body phosphoprotein 1	Nolc1	70769	2.1	0.0091971
1428864_at	RIKEN cDNA 5530400B01 gene	5530400B01Rik	71434	2.1	0.0052162
1454963_at	RIKEN cDNA E430028B21 gene	E430028B21Rik	211948	2.1	0.000224
1456335_at	gene model 106, (NCBI)	Gm106	226866	2.1	0.0089371
1448350_at	argininosuccinate lyase	Asl	109900	2.1	0.0010637
1428736_at	GRAM domain containing 3	Gramd3	107022	2.0	0.0002364
1423158_at	glucosamine-phosphate N-acetyltransferase 1	Gnpnat1	54342	2.0	0.004012
1436312_at	IKAROS family zinc finger 1	Ikzf1	22778	2.0	0.002334
1447475_at	gene model 967, (NCBI)	Gm967	381217	2.0	0.0001509
1440400_at	ring finger protein 157	Rnf157	217340	2.0	0.0076112
1444872_at	DNA segment, Chr 3, ERATO Doi 740, expressed	D3Ert740e	51936	2.0	0.0090821
1451083_s_at	alanyl-tRNA synthetase	Aars	234734	2.0	0.0008324
1433502_s_at	TSR1, 20S rRNA accumulation, homolog (yeast)	Tsr1	104662	2.0	4.409E-05
1423933_a_at	RIKEN cDNA 1600029D21 gene	1600029D21Rik	76509	2.0	0.0056108
1447822_x_at	UFM1-specific peptidase 1	Ufsp1	70240	2.0	0.0004649
1456702_x_at	methionine adenosyltransferase II, alpha	Mat2a	232087	2.0	0.000575
1455643_s_at	TSR1, 20S rRNA accumulation, homolog (yeast)	Tsr1	104662	2.0	0.0001475
1449012_s_at	fibronectin type III domain containing 4	Fndc4	64339	2.0	0.0024801
1447930_at	bromodomain adjacent to zinc finger domain 1A	Baz1a	217578	2.0	0.0013207
1450029_s_at	integrin alpha 9	Itga9	104099	2.0	0.0028537
1423151_at	DnaJ (Hsp40) homolog, subfamily B, member 11	Dnajb11	67838	2.0	0.0001225
1416411_at	glutathione S-transferase, mu 2	Gstm2	14863	2.0	0.0009453
1454838_s_at	protein kinase domain containing, cytoplasmic	Pkdcc	106522	2.0	0.002528
1423957_at	apoptosis enhancing nuclease	Aen	68048	2.0	1.936E-05
1434744_at	yrdC domain containing (E.coli)	Yrdc	230734	2.0	0.0002114
1447683_x_at	methyltransferase like 1	Mettl1	17299	2.0	0.000402
1433962_at	tRNA methyltransferase 61 homolog A (S. cerevisiae)	Trmt61a	328162	2.0	5.452E-05
1429363_at	vacuolar protein sorting 37A (yeast)	Vps37a	52348	2.0	0.0078263
1419046_at	brain protein 16	Brp16	59053	2.0	0.0009618

1417627_a_at	LIM-domain containing, protein kinase	Limk1	16885	2.0	0.0009106
1443869_at	RIKEN cDNA E430028B21 gene	E430028B21Rik	211948	2.0	4.375E-05
1416345_at	translocase of inner mitochondrial membrane 8 homolog a1 (yeast)	Timm8a1	30058	2.0	0.0003013
1454817_at	UTP18, small subunit (SSU) processome component, homolog (yeast)	Utp18	217109	2.0	0.0002952
1419609_at	chemokine (C-C motif) receptor 1	Ccr1	12768	3.0	0.001721
1416129_at	ERBB receptor feedback inhibitor 1	Errfi1	74155	3.0	0.004232
1433966_x_at	asparagine synthetase	Asns	27053	2.8	0.0001675
1425225_at	Fc receptor, IgG, low affinity IV	Fcgr4	246256	2.8	0.0092322
1453486_a_at	signal peptide, CUB domain, EGF-like 2	Scube2	56788	2.7	0.0014993
1416939_at	pyrophosphatase (inorganic) 1	Ppa1	67895	2.7	0.0001761
1448918_at	solute carrier organic anion transporter family, member 3a1	Slco3a1	108116	2.7	3.093E-06
1447928_at	carbonic anhydrase 5b, mitochondrial	Car5b	56078	2.7	0.0017906
1427347_s_at	tubulin, beta 2A	Tubb2a	22151	2.7	0.0002892
1418030_at	solute carrier organic anion transporter family, member 3a1	Slco3a1	108116	2.6	5.462E-05
1447851_x_at	ATPase, class V, type 10A	Atp10a	11982	2.6	4.721E-05
1419609_at	asparagine synthetase	Asns	27053	2.6	4.915E-05
1416129_at	ATPase, class V, type 10A	Atp10a	11982	2.5	0.0009165
1433966_x_at	BMP2 inducible kinase	Bmp2k	140780	2.5	0.0005552
1425225_at	cytotoxic T lymphocyte-associated protein 2 beta	Ctla2b	13025	2.5	0.0009862
1453486_a_at	solute carrier organic anion transporter family, member 3a1	Slco3a1	108116	2.5	4.606E-05
1416939_at	gamma-glutamyl cyclotransferase	Ggct	110175	2.5	3.569E-05
1448918_at	topoisomerase (DNA) II alpha	Top2a	21973	2.4	0.0067943
1447928_at	ATPase, H+/K+ transporting, nongastric, alpha polypeptide	Atp12a	192113	2.4	0.0001009
1427347_s_at	hydrolethalus syndrome 1	Hyls1	76832	2.4	6.183E-05
1418030_at	phosphatidylinositol-4-phosphate 5-kinase, type 1 beta	Pip5k1b	18719	2.4	0.0015547
1447851_x_at	protein tyrosine phosphatase-like (proline instead of catalytic arginine)	Ptplb	70757	2.4	0.0001163
1419609_at	RIKEN cDNA 4932441K18 gene	4932441K18Rik	353170	2.4	0.0050626
1416129_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 21	Ddx21	56200	2.4	0.0001891
1433966_x_at	DnaJ (Hsp40) homolog, subfamily C, member 24	Dnajc24	99349	2.4	0.0038165
1425225_at	polymerase (RNA) I polypeptide E	Polr1e	64424	2.3	0.0005806
1453486_a_at	paired immunoglobulin-like type 2 receptor alpha	Pilra	231805	2.3	0.0068571
1416939_at	four jointed box 1 (Drosophila)	Fjx1	14221	2.2	0.0006216
1448918_at	cytotoxic T lymphocyte-associated protein 2 alpha	Ctla2a	13024	2.2	0.0007487
1447928_at	platelet-activating factor acetylhydrolase, isoform 1b, subunit 2	Pafah1b2	18475	2.2	0.0039035
1427347_s_at	regulator of chromosome condensation 1	Rcc1	100088	2.2	0.0044107
1418030_at	ATPase, class V, type 10B	Atp10b	319767	2.1	0.0090082
1447851_x_at	SET domain, bifurcated 2	Setdb2	239122	2.1	0.0006034

1419609_at	acetyl-Coenzyme A carboxylase alpha	Acaca	107476	2.1	0.0069709
1416129_at	glucose-6-phosphate dehydrogenase X-linked	G6pdx	14381	2.1	0.0019429
1433966_x_at	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 7	B3gnt7	227327	2.1	0.003236
1425225_at	aldehyde dehydrogenase family 1, subfamily A7	Aldh1a7	26358	2.1	0.0013151
1453486_a_at	cerebellar degeneration-related 2	Cdr2	12585	2.1	0.0007777
1416939_at	protein tyrosine phosphatase-like (proline instead of catalytic arginine)	Ptplb	70757	2.1	0.0011267
1448918_at	3-phosphoglycerate dehydrogenase	Phgdh	236539	2.1	0.000224
1447928_at	nuclear receptor subfamily 4, group A, member 3	Nr4a3	18124	2.0	0.0004452
1427347_s_at	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4	Slc1a4	55963	2.0	0.0032062
1429778_at	optineurin	Optn	71648	2.0	0.0002063
1440910_at	expressed sequence C77370	C77370	245555	2.0	0.0030666
1426937_at	RIKEN cDNA 6330406115 gene	6330406115Rik	70717	2.0	0.0037823
1422768_at	synaptotagmin binding, cytoplasmic RNA interacting protein	Syncrip	56403	2.0	0.0013075
1438035_at	family with sequence similarity 82, member A1	Fam82a1	381110	2.0	0.0007237
1433815_at	janus kinase and microtubule interacting protein 1	Jakmip1	76071	1.9	0.0039628
1435302_at	TAF4B RNA polymerase II, TATA box binding protein (TBP)-associated factor 4B	Taf4b	72504	1.9	0.0001247
1433663_s_at	expressed sequence AU014645	AU014645	433702	1.9	0.0004176
1435252_at	UDP-Gal:betaGal beta 1,3-galactosyltransferase, polypeptide 6	B3galt6	117592	1.9	0.0013513
1419276_at	ectonucleotide pyrophosphatase/phosphodiesterase 1	Enpp1	18605	1.9	0.0018458
1423061_at	armadillo repeat gene deleted in velo-cardio-facial syndrome	Arvcf	11877	1.9	0.0002375
1435483_x_at	solute carrier family 25, member 32	Slc25a32	69906	1.9	0.0040515
1455951_at	methionine-tRNA synthetase	Mars	216443	1.9	3.202E-05
1458351_s_at	kelch-like 2, Mayven (Drosophila)	Klhl2	77113	1.9	0.0019344
1419883_s_at	ATPase, H+ transporting, lysosomal V1 subunit B2	Atp6v1b2	11966	1.9	0.001869
1425179_at	serine hydroxymethyltransferase 1 (soluble)	Shmt1	20425	1.9	0.0076238
1424289_at	oxidative stress induced growth inhibitor family member 2	Osgin2	209212	1.9	0.0011071
1419548_at	karyopherin (importin) alpha 1	Kpna1	16646	1.9	0.0006901
1415750_at	transducin (beta)-like 3	Tbl3	213773	1.9	0.0005877
1424291_at	nucleoporin 93	Nup93	71805	1.9	1.038E-05
1429642_at	AN1, ubiquitin-like, homolog (Xenopus laevis)	Anub1	67492	1.8	0.0009242
1433567_at	guanine monphosphate synthetase	Gmps	229363	1.8	1.309E-05
1419674_a_at	dipeptidase 1 (renal)	Dpep1	13479	1.8	0.0040214
1431304_a_at	transmembrane protein 183A	Tmem183a	57439	1.8	0.0008331
1451679_at	RIKEN cDNA 6530401D17 gene	6530401D17Rik	76219	1.8	0.0037181
1428870_at	nucleolar and coiled-body phosphoprotein 1	Nolc1	70769	1.8	1.83E-07
1426721_s_at	TCDD-inducible poly(ADP-ribose) polymerase	Tiparp	99929	1.8	1.217E-05
1438133_a_at	cysteine rich protein 61	Cyr61	16007	1.8	0.0078885

1421103_at	BMP2 inducible kinase	Bmp2k	140780	1.8	0.0058172
1425027_s_at	SFT2 domain containing 2	Sft2d2	108735	1.8	0.0059772
1418078_at	proteasome (prosome, macropain) 28 subunit, 3	Psme3	19192	1.8	0.0027086
1434748_at	cytoskeleton associated protein 2	Ckap2	80986	1.8	0.0083017
1416468_at	aldehyde dehydrogenase family 1, subfamily A1	Aldh1a1	11668	1.8	0.0004701
1433482_a_at	far upstream element (FUSE) binding protein 1	Fubp1	51886	1.8	0.0024096
1427097_at	WW domain containing E3 ubiquitin protein ligase 1	Wwp1	107568	1.7	0.0016657
1430596_s_at	vestigial like 3 (Drosophila)	Vgll3	73569	1.7	0.0006253
1433531_at	acyl-CoA synthetase long-chain family member 4	Acsl4	50790	1.7	0.0005594
1450722_at	nucleoporin 50	Nup50	18141	1.7	0.002605
1448140_at	cytokine induced apoptosis inhibitor 1	Ciapin1	109006	1.7	0.000309
1417301_at	frizzled homolog 6 (Drosophila)	Fzd6	14368	1.7	0.0020305
1423749_s_at	RAN GTPase activating protein 1	Rangap1	19387	1.7	0.000589
1440303_at	Solute carrier family 7, member 6 opposite strand (Slc7a6os), mRNA	Slc7a6os	66432	1.7	0.0067796
1448171_at	seven in absentia 2	Siah2	20439	1.7	0.0025244
1448014_s_at	ubiquitin specific peptidase 24	Usp24	329908	1.7	0.0037376
1452160_at	TCDD-inducible poly(ADP-ribose) polymerase	Tiparp	99929	1.7	0.0005278
1426978_at	kelch-like 2, Mayven (Drosophila)	Klhl2	77113	1.7	9.241E-05
1451038_at	apelin	Apln	30878	1.7	0.0089138
1437914_at	E2F transcription factor 6	E2f6	50496	1.7	0.0011699
1428095_a_at	C2 calcium-dependent domain containing 2-like	C2cd2l	71764	1.7	0.0010006
1450668_s_at	heat shock protein 1 (chaperonin 10)	Hspe1	15528	1.7	4.054E-05
1416249_at	NAD kinase	Nadk	192185	1.7	0.0027008
1424290_at	oxidative stress induced growth inhibitor family member 2	Osgin2	209212	1.7	0.0029931
1460323_at	threonyl-tRNA synthetase	Tars	110960	1.7	0.0002058
1421499_a_at	protein tyrosine phosphatase, non-receptor type 14	Ptpn14	19250	1.7	0.0023614
1437932_a_at	claudin 1	Cldn1	12737	1.7	0.0006271
1440799_s_at	FERM, RhoGEF and pleckstrin domain protein 2	Farp2	227377	1.7	0.0031876
1455422_x_at	septin 4		40060 18952	1.7	0.0069083
1419680_a_at	elaC homolog 2 (E. coli)	Elac2	68626	1.7	0.0018207
1438170_x_at	adhesion regulating molecule 1	Adrm1	56436	1.7	0.0039125
1428760_at	small nuclear RNA activating complex, polypeptide 3	Snopc3	77634	1.7	0.0040585
1437333_x_at	aldehyde dehydrogenase 18 family, member A1	Aldh18a1	56454	1.7	0.0005166
1416039_x_at	cysteine rich protein 61	Cyr61	16007	1.7	0.0035544
1450743_s_at	synaptotagmin binding, cytoplasmic RNA interacting protein	Syncrip	56403	1.7	0.0025328
1438962_s_at	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 31	Ddx31	227674	1.7	0.0004905
1447703_x_at	zinc finger protein 593	Zfp593	68040	1.7	0.0011432

1438725_at	mediator complex subunit 13	Med13	327987	1.7	0.0021524
1449170_at	piwi-like homolog 2 (Drosophila)	Piwil2	57746	1.7	0.0019932
1418222_at	RIKEN cDNA 2610024G14 gene	2610024G14Rik	56412	1.7	0.0013543
1431856_a_at	C1q and tumor necrosis factor related protein 6	C1qtnf6	72709	1.7	0.0004294
1416485_at	translocase of inner mitochondrial membrane 23 homolog (yeast)	Timm23	53600	1.7	0.0004091
1421321_a_at	neuroepithelial cell transforming gene 1	Net1	56349	1.7	0.003258
1426932_at	DNA segment, Chr 19, Brigham & Women's Genetics 1357 expressed	D19Bwg1357e	52874	1.6	0.0059953
1455532_at	ataxin 7-like 2	Atxn7l2	72522	1.6	0.0015059
1455985_x_at	serine hydroxymethyltransferase 2 (mitochondrial)	Shmt2	108037	1.6	0.0003718
1460329_at	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 6, isoform 1	B4galt6	56386	1.6	0.0014625
1451508_at	La ribonucleoprotein domain family, member 2	Larp2	214048	1.6	0.0034046
1422577_at	citrate synthase	Cs	12974	1.6	0.0048385
1430034_at	chaperonin containing Tcp1, subunit 4 (delta)	Cct4	12464	1.6	0.0037063
1420888_at	BCL2-like 1	Bcl2l1	12048	1.6	0.0001969
1455149_at	SH3 domain containing ring finger 1	Sh3rf1	59009	1.6	0.0080908
1426002_a_at	cell division cycle 7 (S. cerevisiae)	Cdc7	12545	1.6	0.0029065
1439442_x_at	tyrosyl-tRNA synthetase 2 (mitochondrial)	Yars2	70120	1.6	0.0039426
1451346_at	methylthioadenosine phosphorylase	Mtap	66902	1.6	0.003689
1455896_a_at	potassium channel, subfamily K, member 1	Kcnk1	16525	1.6	0.0057159
1421457_a_at	SAM domain, SH3 domain and nuclear localization signals, 1	Samsn1	67742	1.6	0.0012872
1460273_a_at	NLR family, apoptosis inhibitory protein 2	Naip2	17948	1.6	0.005472
1417675_a_at	midasin homolog (yeast)	Mdn1	100019	1.6	0.0040521
1451092_a_at	RAN GTPase activating protein 1	Rangap1	19387	1.6	0.0005757
1420936_s_at	cleavage and polyadenylation specific factor 2	Cpsf2	51786	1.6	0.0028228
1415697_at	GTPase activating protein (SH3 domain) binding protein 2	G3bp2	23881	1.6	0.0015874
1437848_x_at	ADP-dependent glucokinase	Adpgk	72141	1.6	0.0015198
1423267_s_at	integrin alpha 5 (fibronectin receptor alpha)	Itga5	16402	1.6	0.0024397
1424065_at	ER degradation enhancer, mannosidase alpha-like 1	Edem1	192193	1.6	0.0049102
1448013_at	ubiquitin specific peptidase 24	Usp24	329908	1.6	0.0015156
1416439_at	dCTP pyrophosphatase 1	Dctpp1	66422	1.6	0.0056272
1424574_at	transmembrane emp24 protein transport domain containing 5	Tmed5	73130	1.6	0.0033283
1425764_a_at	branched chain aminotransferase 2, mitochondrial	Bcat2	12036	1.6	0.0053528
1455368_at	zinc finger, DHHC domain containing 3	Zdhhc3	69035	1.6	0.0001088
1435679_at	optineurin	Optn	71648	1.6	0.0013481
1455084_x_at	serine hydroxymethyltransferase 2 (mitochondrial)	Shmt2	108037	1.6	0.0007509
1430134_a_at	tyrosyl-tRNA synthetase 2 (mitochondrial)	Yars2	70120	1.6	0.0030876
1448690_at	potassium channel, subfamily K, member 1	Kcnk1	16525	1.6	0.0019007

1434182_at	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 31	Ddx31	227674	1.6	0.0059654
1434173_s_at	DNA segment, Chr 19, Brigham & Women's Genetics 1357 expressed	D19Bwg1357e	52874	1.6	0.0005934
1417254_at	spermatogenesis associated 5	Spata5	57815	1.6	0.0003277
1455657_at	SMG1 homolog, phosphatidylinositol 3-kinase-related kinase (C. elegans)	Smg1	233789	1.6	0.0011798
1456728_x_at	aconitase 1	Aco1	11428	1.6	0.0009262
1415836_at	aldehyde dehydrogenase 18 family, member A1	Aldh18a1	56454	1.6	0.000185
1423621_a_at	solute carrier family 33 (acetyl-CoA transporter), member 1	Slc33a1	11416	1.6	0.0001168
1452396_at	splicing factor, arginine/serine-rich 15	Sfrs15	224432	1.6	0.0023795
1435292_at	TBC1 domain family, member 4	Tbc1d4	210789	1.6	0.0027643
1424556_at	pyrroline-5-carboxylate reductase 1	Pycr1	209027	1.6	0.001442
1438818_at	NMD3 homolog (S. cerevisiae)	Nmd3	97112	1.6	0.0001896
1419169_at	mitogen-activated protein kinase 6	Mapk6	50772	1.6	0.0054162
1432184_a_at	RIKEN cDNA 2610204M08 gene	2610204M08Rik	70435	1.6	0.0012891
1417716_at	glutamate oxaloacetate transaminase 2, mitochondrial	Got2	14719	1.6	0.004679
1435053_s_at	pleckstrin homology domain containing, family H (with MyTH4 domain)	Plekhh1	211945	1.6	0.0056215
1456887_at	chemokine-like receptor 1	Cmklr1	14747	1.6	0.0072223
1448968_at	ubiquitin family domain containing 1	Ubfd1	28018	1.6	0.0004144
1435103_x_at	phenylalanyl-tRNA synthetase, beta subunit	Farsb	23874	1.6	0.0008627
1453593_at	vestigial like 3 (Drosophila)	Vgll3	73569	1.5	0.0018804
1417270_at	WD repeat domain 12	Wdr12	57750	1.5	0.0006084
1418903_at	aquaporin 2	Aqp2	11827	1.5	0.0096527
1433467_at	solute carrier family 7 (cationic amino acid transporter, y+ system), member 6	Slc7a6	330836	1.5	0.0024028
1417398_at	related RAS viral (r-ras) oncogene homolog 2	Rras2	66922	1.5	0.0030283
1424573_at	transmembrane emp24 protein transport domain containing 5	Tmed5	73130	1.5	0.0048923
1435367_at	mitogen-activated protein kinase 4	Mapk4	225724	1.5	0.0009433
1449718_s_at	RIKEN cDNA 4930453N24 gene, mRNA (cDNA clone MGC:28305 IMAGE4930453)	4930453N24Rik	67609	1.5	0.0001522
1423795_at	splicing factor proline/glutamine rich (polypyrimidine tract binding protein)	Sfpq	71514	1.5	0.0003666
1459973_x_at	dipeptidylpeptidase 4	Dpp4	13482	1.5	0.0006877
1427098_at	WW domain containing E3 ubiquitin protein ligase 1	Wwp1	107568	1.5	0.0040013
1449211_at	bisphosphate 3'-nucleotidase 1	Bpnt1	23827	1.5	0.0033986
1433894_at	JAZF zinc finger 1	Jazf1	231986	1.5	0.0023844
1422461_at	ATPase family, AAA domain containing 3A	Atad3a	108888	1.5	0.0049868
1431349_at	heterogeneous nuclear ribonucleoprotein A/B	Hnrnpab	15384	1.5	0.00529
1423841_at	brix domain containing 2	Bxdc2	67832	1.5	0.0008833
1423796_at	splicing factor proline/glutamine rich (polypyrimidine tract binding protein)	Sfpq	71514	1.5	0.0001943
1415933_a_at	cytochrome c oxidase, subunit Va	Cox5a	12858	1.5	0.0003324
1424223_at	RIKEN cDNA 1700020C11 gene	1700020C11Rik	67900	1.5	2.167E-06

1441578_at	coiled-coil domain containing 86	Ccdc86	108673	1.5	0.006474
1439266_a_at	polymerase (RNA) III (DNA directed) polypeptide K	Polr3k	67005	1.5	0.0057007
1434306_at	RAB3A interacting protein	Rab3ip	216363	1.5	0.0009639
1457717_at	expressed sequence AI987986	AI987986	105573	1.5	0.0018962
1448175_at	EH-domain containing 1	Ehd1	13660	1.5	0.0010567
1452274_at	zinc finger, AN1-type domain 3	Zfand3	21769	1.5	0.0011458
1416850_s_at	CDGSH iron sulfur domain 1	Cisd1	52637	1.5	0.0007132
1434096_at	solute carrier family 4 (anion exchanger), member 4	Slc4a4	54403	1.5	0.0021638
1432016_a_at	isocitrate dehydrogenase 3 (NAD+) alpha	Idh3a	67834	1.5	0.0009757
1424193_at	PWP2 periodic tryptophan protein homolog (yeast)	Pwp2	110816	1.5	0.0003645
1419162_s_at	DnaJ (Hsp40) homolog, subfamily C, member 3	Dnajc3	100037258	1.5	0.0007179
1430138_at	CD3E antigen, epsilon polypeptide associated protein	Cd3eap	70333	1.5	0.0063663
1430289_a_at	WD repeat domain 77	Wdr77	70465	2.0	0.0122058
1423772_x_at	solute carrier family 25 (mitochondrial carrier, adenine nucleotide tran	Slc25a5	11740	2.0	0.0007405
1455841_s_at	glutamate-rich WD repeat containing 1	Grwd1	101612	2.0	4.367E-06
1435896_at	sideroflexin 2	Sfxn2	94279	2.0	0.0012142
1452171_at	glutamate-rich WD repeat containing 1	Grwd1	101612	2.0	2.524E-06
1448359_a_at	HIG1 domain family, member 1A	Hig1a	56295	2.0	0.0004539
1455987_at	Sec61 alpha 1 subunit (<i>S. cerevisiae</i>)	Sec61a1	53421	2.0	0.0052743
1418207_at	FXD domain-containing ion transport regulator 4	Fxd4	108017	2.0	0.0229159
1426645_at	heat shock protein 90, alpha (cytosolic), class A member 1	Hsp90aa1	15519	2.0	0.0060695
1454841_at	URB1 ribosome biogenesis 1 homolog (<i>S. cerevisiae</i>)	Urb1	207932	2.0	0.0001394
1449390_at	G patch domain containing 4	Gpatch4	66614	2.0	0.0002157
1439155_at	methyltransferase like 1	Mettl1	17299	2.0	0.0007225
1438976_x_at	methionine adenosyltransferase II, alpha	Mat2a	232087	2.0	0.0002996
1433599_at	bromodomain adjacent to zinc finger domain 1A	Baz1a	217578	2.0	0.0035117
1428869_at	nucleolar and coiled-body phosphoprotein 1	Nolc1	70769	2.0	0.0004988
1452919_a_at	phosphoglycolate phosphatase	Pgp	67078	2.0	0.0002775
1417874_at	TMEM9 domain family, member B	Tmem9b	56786	2.0	0.0001254
1438630_x_at	methionine adenosyltransferase II, alpha	Mat2a	232087	2.0	0.0001701
1433530_at	RIKEN cDNA 2210411K19 gene	2210411K19Rik	70164	2.0	0.0052352
1460411_s_at	protein kinase domain containing, cytoplasmic	Pkdcc	106522	2.0	0.0002508
1443558_s_at	5'-nucleotidase domain containing 3	Nt5dc3	103466	2.0	0.0002775
1416911_a_at	akirin 1	Akirin1	68050	2.0	0.0012878
1419613_at	collagen, type VII, alpha 1	Col7a1	12836	2.0	0.0046818
1435734_x_at	dihydrouridine synthase 1-like (<i>S. cerevisiae</i>)	Dus1l	68730	2.0	0.0004539
1415814_at	ATPase, H ⁺ transporting, lysosomal V1 subunit B2	Atp6v1b2	11966	1.9	0.0009501

1436887_x_at	glutamate-rich WD repeat containing 1	Grwd1	101612	1.9	6.29E-06
1437658_a_at	small nucleolar RNA host gene (non-protein coding) 1	Snhg1	83673	1.9	0.0035109
1455285_at	solute carrier family 31, member 1	Slc31a1	20529	1.9	0.0059232
1425993_a_at	heat shock 105kDa/110kDa protein 1	Hsph1	15505	1.9	0.0066452
1448604_at	uridine-cytidine kinase 2	Uck2	80914	1.9	0.001181
1444184_at	alkB, alkylation repair homolog 3 (E. coli)	Alkbh3	69113	1.9	0.0129881
1455173_at	G1 to S phase transition 1	Gspt1	14852	1.9	0.0004151
1440120_at	Guanine nucleotide binding protein (G protein), beta polypeptide 2 lik	Gnb2l1	14694	1.9	0.0011675
1435435_at	cortactin binding protein 2	Ctnbp2	30785	1.9	0.0008126
1423943_at	dihydrouridine synthase 1-like (S. cerevisiae)	Dus1l	68730	1.9	0.000611
1427464_s_at	heat shock protein 5	Hspa5	14828	1.9	7.424E-05
1431179_at	ectonucleoside triphosphate diphosphohydrolase 7	Entpd7	93685	1.9	0.0017338
1420827_a_at	cyclin G1	Ccng1	12450	1.9	0.0002465
1450642_at	SECIS binding protein 2-like	Secisbp2l	70354	1.9	3.297E-05
1432332_a_at	nudix (nucleoside diphosphate linked moiety X)-type motif 19	Nudt19	110959	1.9	0.0008705
1424529_s_at	cell growth regulator with EF hand domain 1	Cgref1	68567	1.9	0.0028867
1452154_at	isoleucine-tRNA synthetase	lars	105148	1.9	0.0034131
1449424_at	pleckstrin 2	Plek2	27260	1.9	0.000148
1433656_a_at	guanine nucleotide binding protein-like 3 (nucleolar)	Gnl3	30877	1.9	0.0009659
1450716_at	a disintegrin-like and metallopeptidase (reprolysin type) with thrombo	Adamts1	11504	1.9	0.0032754
1448619_at	7-dehydrocholesterol reductase	Dhcr7	13360	1.9	0.0033591
1417807_at	UFM1-specific peptidase 1	Ufsp1	70240	1.9	0.0039022
1423358_at	endothelin converting enzyme 2	Ece2	107522	1.9	0.0006394
1450232_at	X-linked inhibitor of apoptosis	Xiap	11798	1.9	2.964E-05
1428544_at	RIKEN cDNA 0610007L01 gene	0610007L01Rik	71667	1.9	0.000165
1450344_a_at	prostaglandin E receptor 3 (subtype EP3)	Ptger3	19218	1.9	3.049E-06
1455065_x_at	glucosamine-6-phosphate deaminase 1	Gnpda1	26384	1.9	0.0019889
1436242_a_at	chemokine-like factor	Cklf	75458	1.9	0.0010319
1435283_s_at	gene model 967, (NCBI)	Gm967	381217	1.9	0.0003442
1431023_at	RIKEN cDNA C030046E11 gene	C030046E11Rik	226089	1.9	0.0061395
1451733_at	glucosaminyl (N-acetyl) transferase 2, I-branching enzyme	Gcnt2	14538	1.9	0.0005695
1418911_s_at	acyl-CoA synthetase long-chain family member 4	Acsl4	50790	1.9	4.963E-05
1422708_at	phosphoinositide-3-kinase, catalytic, gamma polypeptide	Pik3cg	30955	1.9	0.00015
1432435_s_at	family with sequence similarity 118, member B	Fam118b	109229	1.9	0.0001044
1424822_at	SLAIN motif family, member 1	Slain1	105439	1.9	0.0048663
1424495_a_at	chemokine-like factor	Cklf	75458	1.9	0.0011033
1438326_at	MKIAA1153 protein	Trmt6	66926	1.9	0.0101122

1451342_at	spondin 1, (f-spondin) extracellular matrix protein	Spon1	233744	1.9	0.0029241
1431475_a_at	homeo box A10	Hoxa10	15395	1.9	0.0038812
1452583_s_at	galactose mutarotase	Galm	319625	1.9	0.0083477
1448543_at	slowmo homolog 2 (Drosophila)	Slmo2	66390	1.9	0.0024194
1460551_at	RAN, member RAS oncogene family	Ran	19384	1.9	0.0002771
1417499_at	translocase of inner mitochondrial membrane 10 homolog (yeast)	Timm10	30059	1.9	0.0003971
1419798_at	RIKEN cDNA 2610019E17 gene	2610019E17Rik	75614	1.9	0.0011686
1431893_a_at	prenyl (solanesyl) diphosphate synthase, subunit 1	Pdss1	56075	1.9	0.0043876
1450084_s_at	influenza virus NS1A binding protein	Ivns1abp	117198	1.9	0.0003216
1451272_a_at	ubiquitin-conjugating enzyme E2F (putative)	Ube2f	67921	1.9	0.0001051
1438188_x_at	solute carrier family 25 (mitochondrial carrier, palmitoylcarnitine trans	Slc25a29	214663	1.9	0.0065259
1424174_at	Sh3kbp1 binding protein 1	Shkbp1	192192	1.9	0.0018464
1450970_at	glutamate oxaloacetate transaminase 1, soluble	Got1	14718	1.9	0.0040467
1448135_at	activating transcription factor 4	Atf4	11911	1.9	0.0001862
1436134_at	sodium channel, voltage-gated, type II, beta	Scn2b	72821	1.9	0.0003916
1419122_at	methyltransferase like 1	Mettl1	17299	1.9	0.0006961
1425718_a_at	influenza virus NS1A binding protein	Ivns1abp	117198	1.8	0.0002116
1416064_a_at	heat shock protein 5	Hspa5	14828	1.8	3.928E-05
1448651_at	nudix (nucleoside diphosphate linked moiety X)-type motif 5	Nudt5	53893	1.8	0.0027963
1428487_s_at	coenzyme Q10 homolog B (S. cerevisiae)	Coq10b	67876	1.8	0.0034191
1439966_x_at	sideroflexin 2	Sfxn2	94279	1.8	0.0021987
1454991_at	solute carrier family 7 (cationic amino acid transporter, y+ system), m	Slc7a1	11987	1.8	0.0002379
1452514_a_at	kit oncogene	Kit	16590	1.8	0.0012235
1438187_at	solute carrier family 25 (mitochondrial carrier, palmitoylcarnitine trans	Slc25a29	214663	1.8	0.0145871
1448704_s_at	histocompatibility 47	H47	109815	1.8	6.419E-05
1460541_at	solute carrier family 7 (cationic amino acid transporter, y+ system), m	Slc7a6	330836	1.8	0.0008304
1434350_at	cysteine-serine-rich nuclear protein 1	Csrnp1	215418	1.8	7.594E-05
1448531_at	lamin B2	Lmnb2	16907	1.8	0.0004708
1419072_at	glutathione S-transferase, mu 7	Gstm7	68312	1.8	0.0047353
1423313_at	phosphodiesterase 7A	Pde7a	18583	1.8	0.0045977
1427057_at	5'-nucleotidase domain containing 3	Nt5dc3	103466	1.8	0.0005592
1455241_at	cDNA sequence BC037703	BC037703	242125	1.8	0.0037628
1447122_at	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 1, mR	Psmc1	70247	1.8	0.0065568
1448126_at	family with sequence similarity 60, member A	Fam60a	56306	1.8	0.0001965
1435282_at	gene model 967, (NCBI)	Gm967	381217	1.8	0.0009123
1451344_at	transmembrane protein 119	Tmem119	231633	1.8	0.004667
1448413_at	RIKEN cDNA 2410016O06 gene	2410016O06Rik	71952	1.8	0.0001108

1430980_a_at	eukaryotic translation initiation factor 4A1	Eif4a1	13681	1.8	0.004279
1416912_at	akirin 1	Akirin1	68050	1.8	0.0013641
1428010_at	translocase of inner mitochondrial membrane 9 homolog (yeast)	Timm9	30056	1.8	0.0138846
1437007_x_at	ubiquitin specific peptidase 39	Usp39	28035	1.8	0.0001011
1416014_at	ATP-binding cassette, sub-family E (OABP), member 1	Abce1	24015	1.8	0.0003206
1452754_at	cysteine-rich with EGF-like domains 2	Creld2	76737	1.8	0.0006498
1442071_at	ATP-binding cassette, sub-family E (OABP), member 1	Abce1	24015	1.8	0.0102481
1453149_at	solute carrier family 25, member 32	Slc25a32	69906	1.8	0.0010183
1427504_s_at	splicing factor, arginine/serine-rich 2 (SC-35)	Sfrs2	20382	1.8	0.0001688
1422579_at	heat shock protein 1 (chaperonin 10)	Hspe1	15528	1.8	3.21E-05
1423291_s_at	hypoxia up-regulated 1	Hyou1	12282	1.8	4.583E-05
1449946_a_at	zinc finger protein 593	Zfp593	68040	1.8	0.0015362
1434710_at	DEAH (Asp-Glu-Ala-His) box polypeptide 29	Dhx29	218629	1.8	0.0003897
1447724_x_at	optic atrophy 3 (human)	Opa3	403187	1.8	0.0004383
1448480_at	nuclear import 7 homolog (<i>S. cerevisiae</i>)	Nip7	66164	1.8	0.0003862
1416605_at	NHP2 ribonucleoprotein homolog (yeast)	Nhp2	52530	1.8	0.0029129
1419205_x_at	G patch domain containing 4	Gpatch4	66614	1.8	0.0006402
1426118_a_at	translocase of outer mitochondrial membrane 40 homolog (yeast)	Tomm40	53333	1.8	0.000759
1456037_x_at	prolactin regulatory element binding	Preb	50907	1.8	0.0023205
1432032_a_at	artemin	Artn	11876	1.8	0.0042718
1430062_at	hedgehog interacting protein-like 1	Hhip1	214305	1.8	0.0046929
1455102_at	La ribonucleoprotein domain family, member 4	Larp4	207214	1.8	0.0014529
1423040_at	basic leucine zipper and W2 domains 1	Bzw1	66882	1.8	0.0005087
1420296_at	Chloride channel 5, mRNA (cDNA clone MGC:35965 IMAGE:398981)	Clcn5	12728	1.8	0.0003379
1435735_x_at	histocompatibility 47	H47	109815	1.8	5.904E-06
1421845_at	golgi phosphoprotein 3	Golph3	66629	1.8	0.0092838
1418151_at	myotubularin related protein 4	Mtmr4	170749	1.8	0.0010927
1418074_at	ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylgalactosaminyl transferase 4	St6galnac4	20448	1.8	0.0016779
1418906_at	nucleotide binding protein 1	Nubp1	26425	1.8	0.0066953
1450368_a_at	protein phosphatase 3, regulatory subunit B, alpha isoform (<i>calcineurin</i>)	Ppp3r1	19058	1.8	0.012986
1450235_at	FYVE, RhoGEF and PH domain containing 3	Fgd3	30938	1.8	0.0032187
1453077_a_at	small nuclear RNA activating complex, polypeptide 3	Snopc3	77634	1.8	0.0048628
1455043_at	transportin 1	Tnpo1	238799	1.8	0.0009197
1437238_x_at	NMD3 homolog (<i>S. cerevisiae</i>)	Nmd3	97112	1.8	8.18E-05
1452244_at	RIKEN cDNA 6330406I15 gene	6330406I15Rik	70717	1.8	0.0038954
1418714_at	dual specificity phosphatase 8	Dusp8	18218	1.8	0.0059941
1425820_x_at	G patch domain containing 4	Gpatch4	66614	1.8	0.0038691

1426737_at	G1 to S phase transition 1	Gspt1	14852	1.8	0.0021515
1426370_at	fatty acyl CoA reductase 1	Far1	67420	1.8	0.007587
1452662_a_at	eukaryotic translation initiation factor 2, subunit 1 alpha	Eif2s1	13665	1.8	0.0004309
1458218_s_at	phosphodiesterase 7A	Pde7a	18583	1.8	0.00693
1435709_at	signal sequence receptor, delta	Ssr4	20832	1.8	0.0016904
1448769_at	solute carrier family 35, member B1	Slc35b1	110172	1.8	0.0008765
1446550_at	G1 to S phase transition 1	Gspt1	14852	1.8	0.0069645
1416559_at	ribosomal RNA processing 8, methyltransferase, homolog (yeast)	Rrp8	101867	1.8	9.946E-05
1423979_a_at	solute carrier family 25 (mitochondrial carrier, palmitoylcarnitine trans	Slc25a29	214663	1.8	0.0058256
1452830_s_at	carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and	Cad	69719	1.8	0.0001161
1426705_s_at	isoleucine-tRNA synthetase	Iars	105148	1.8	0.0026094
1419382_a_at	dehydrogenase/reductase (SDR family) member 4	Dhrs4	28200	1.8	0.0034173
1436196_at	hypothetical protein C030046G05	C030046G05	327885	1.8	0.001365
1443794_x_at	nucleolar complex associated 4 homolog (<i>S. cerevisiae</i>)	Noc4l	100608	1.8	0.002974
1425059_at	protein arginine N-methyltransferase 6	Prmt6	99890	1.8	0.0038414
1418527_a_at	FUS interacting protein (serine-arginine rich) 1	Fusip1	14105	1.8	0.0083765
1425293_a_at	zinc finger, CCHC domain containing 18	Zcchc18	66995	1.8	0.0031769
1421657_a_at	SRY-box containing gene 17	Sox17	20671	1.8	0.0030524
1421912_at	solute carrier family 23 (nucleobase transporters), member 1	Slc23a1	20522	1.8	0.0455472
1422769_at	synaptotagmin binding, cytoplasmic RNA interacting protein	Syncrip	56403	1.8	0.0059148
1458836_at	calbindin 1	Calb1	12307	1.8	0.0218914
1423264_at	block of proliferation 1	Bop1	12181	1.8	5.683E-05
1416606_s_at	NHP2 ribonucleoprotein homolog (yeast)	Nhp2	52530	1.8	0.0001642
1426600_at	solute carrier family 2 (facilitated glucose transporter), member 1	Slc2a1	20525	1.8	0.000755
1437606_at	RIKEN cDNA 9530048O09 gene	9530048O09Rik	78611	1.8	0.0020151
1418847_at	arginase type II	Arg2	11847	1.8	0.0039849
1452829_at	carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and	Cad	69719	1.7	0.000449
1423934_at	RIKEN cDNA 1600029D21 gene	1600029D21Rik	76509	1.7	0.00421
1460209_at	ubiquitin specific peptidase 39	Usp39	28035	1.7	0.0001984
1452037_at	mannoside acetylglucosaminyltransferase 2	Mgat2	217664	1.7	0.0027956
1449140_at	NudC domain containing 2	Nudcd2	52653	1.7	0.001182
1450908_at	eukaryotic translation initiation factor 4E	Eif4e	13684	1.7	0.0006246
1452753_at	forkhead box K2	Foxk2	68837	1.7	0.0008396
1424511_at	aurora kinase A	Aurka	20878	1.7	0.0083711
1450860_at	leucine aminopeptidase 3	Lap3	66988	1.7	0.0057848
1452647_a_at	DPH2 homolog (<i>S. cerevisiae</i>)	Dph2	67728	1.7	0.0009129
1453851_a_at	growth arrest and DNA-damage-inducible 45 gamma	Gadd45g	23882	1.7	0.0059417

1459546_s_at	ectonucleotide pyrophosphatase/phosphodiesterase 1	Enpp1	18605	1.7	0.0001567
1454992_at	solute carrier family 7 (cationic amino acid transporter, y+ system), m	Slc7a1	11987	1.7	0.0002127
1423667_at	methionine adenosyltransferase II, alpha	Mat2a	232087	1.7	0.0009448
1436508_at	malectin	Mlec	109154	1.7	0.015373
1450423_s_at	brix domain containing 1	Bxdc1	67239	1.7	0.0002287
1416248_at	NAD kinase	Nadk	192185	1.7	2.135E-05
1428788_at	phosphoglycolate phosphatase	Pgp	67078	1.7	0.0023054
1424019_at	NOP2 nucleolar protein homolog (yeast)	Nop2	110109	1.7	4.712E-05
1450005_x_at	delta-like 2 homolog (Drosophila)	DLk2	106565	1.7	0.0097105
1460673_at	folypolyglutamyl synthetase	Fpgs	14287	1.7	0.002217
1416208_at	ubiquitin specific peptidase 14	Usp14	59025	1.7	0.0021208
1423703_at	peter pan homolog (Drosophila)	Ppan	235036	1.7	0.0035085
1416502_a_at	prolactin regulatory element binding	Preb	50907	1.7	0.0004497
1429568_x_at	ubiquitin-conjugating enzyme E2F (putative)	Ube2f	67921	1.7	0.0023677
1425860_x_at	chemokine-like factor	Cklf	75458	1.7	0.0018261
1418226_at	origin recognition complex, subunit 2-like (S. cerevisiae)	Orc2l	18393	1.7	0.0052714
1425769_x_at	chemokine-like factor	Cklf	75458	1.7	0.0078595
1426599_a_at	solute carrier family 2 (facilitated glucose transporter), member 1	Slc2a1	20525	1.7	0.0003625
1453257_at	1-acylglycerol-3-phosphate O-acyltransferase 5 (lysophosphatidic aci	Agpat5	52123	1.7	0.0003628
1424457_at	amyloid beta (A4) precursor protein-binding, family B, member 3	Apbb3	225372	1.7	0.0038145
1416146_at	heat shock protein 4	Hspa4	15525	1.7	0.0003558
1424268_at	spermine oxidase	Smox	228608	1.7	0.0013653
1450122_at	protein tyrosine phosphatase, receptor type, G	Ptprg	19270	1.7	0.0066817
1423156_at	glucosamine-phosphate N-acetyltransferase 1	Gnpat1	54342	1.7	0.0011287
1428754_at	tRNA methyltransferase 6 homolog (S. cerevisiae)	Trmt6	66926	1.7	0.0039169
1427878_at	RIKEN cDNA 0610010O12 gene	0610010O12Rik	66060	1.7	0.006904
1456738_s_at	brain protein 16	Brp16	59053	1.7	0.0008582
1448119_at	2,3-bisphosphoglycerate mutase	Bpgm	12183	1.7	0.0054829
1438095_x_at	Nucleolar complex associated 4 homolog (S. cerevisiae) (Noc4l), mR	Noc4l	100608	1.7	1.062E-06
1450986_at	NOP58 ribonucleoprotein homolog (yeast)	Nop58	55989	1.7	0.0006498
1454909_at	transforming, acidic coiled-coil containing protein 1	Tacc1	320165	1.7	0.0001625
1419385_a_at	ubiquilin 1	Ubqln1	56085	1.7	0.0010259
1419163_s_at	DnaJ (Hsp40) homolog, subfamily C, member 3	Dnajc3	100037258	1.7	0.0007953
1425930_a_at	MAX-like protein X	Mlx	21428	1.7	0.0039933
1419690_at	RIKEN cDNA 2610002M06 gene	2610002M06Rik	67028	1.7	0.0003608
1423362_at	sortilin 1	Sort1	20661	1.7	0.0013209
1436796_at	matrin 3	Matr3	17184	1.7	0.0102823

1441630_at	E1A binding protein p400, mRNA (cDNA clone IMAGE:5116582)	Ep400	75560	1.7	0.0199951
1453840_at	poly(A) binding protein, cytoplasmic 1	Pabpc1	18458	1.7	0.0126974
1425704_at	dehydrogenase/reductase (SDR family) member 11	Dhrs11	192970	1.7	0.0071177
1460713_at	cDNA sequence BC048355	BC048355	381101	1.7	0.0046239
1438386_x_at	methionine adenosyltransferase II, alpha	Mat2a	232087	1.7	0.0003259
1417014_at	heat shock protein 8	Hspb8	80888	1.7	0.0046558
1459880_at	Alanine-glyoxylate aminotransferase 2-like 2, mRNA (cDNA clone M	Agxt2l2	72947	1.7	0.0005756
1450446_a_at	suppressor of cytokine signaling 1	Socs1	12703	1.7	0.0017132
1416376_at	transmembrane protein 97	Tmem97	69071	1.7	0.0003392
1420414_at	homeo box A11	Hoxa11	15396	1.7	0.0008928
1451559_a_at	dehydrogenase/reductase (SDR family) member 4	Dhrs4	28200	1.7	0.0001864
1417774_at	N-acetylneuraminic acid synthase (sialic acid synthase)	Nans	94181	1.7	0.0008867
1417584_at	solute carrier family 11 (proton-coupled divalent metal ion transporter	Slc11a2	18174	1.7	0.0006866
1424425_a_at	methylthioadenosine phosphorylase	Mtap	66902	1.7	0.0007287
1422709_a_at	WD repeat domain 46	Wdr46	57315	1.7	0.0014455
1420909_at	vascular endothelial growth factor A	Vegfa	22339	1.7	0.0351455
1457726_at	ribosomal protein S15A	Rps15a	267019	1.7	0.0009109
1437642_at	ArfGAP with FG repeats 2	Agfg2	231801	1.7	0.0037543
1448681_at	interleukin 15 receptor, alpha chain	Il15ra	16169	1.7	0.0051773
1448593_at	WNT1 inducible signaling pathway protein 1	Wisp1	22402	1.7	0.0025113
1417200_at	transmembrane protein 183A	Tmem183a	57439	1.7	0.0021372
1448742_at	snail homolog 1 (Drosophila)	Snai1	20613	1.7	0.0029595
1430388_a_at	sulfatase 2	Sulf2	72043	1.7	0.0033367
1415864_at	2,3-bisphosphoglycerate mutase	Bpgm	12183	1.7	0.0066809
1428902_at	carbohydrate sulfotransferase 11	Chst11	58250	1.7	7.204E-05
1416241_at	SEC13 homolog (S. cerevisiae)	Sec13	110379	1.7	0.0018673
1426886_at	ceroid-lipofuscinosis, neuronal 5	Cln5	211286	1.7	0.0009077
1421945_a_at	brix domain containing 1	Bxdc1	67239	1.7	0.0025199
1451262_a_at	JTV1 gene	Jtv1	231872	1.7	0.0005299
1418869_a_at	pseudouridine synthase 1	Pus1	56361	1.7	0.0002766
1416275_at	solute carrier family 26, member 6	Slc26a6	171429	1.7	0.0102832
1460358_s_at	nudix (nucleoside diphosphate linked moiety X)-type motif 22	Nudt22	68323	1.7	0.0007747
1460556_at	microtubule associated monooxygenase, calponin and LIM domain co	Micall1	27008	1.7	0.0081987
1460638_at	tyrosyl-tRNA synthetase	Yars	107271	1.7	0.0002569
1448867_at	TMEM9 domain family, member B	Tmem9b	56786	1.7	0.0004939
1436509_at	malectin	Mlec	109154	1.7	0.0006958
1419522_at	zinc finger, MYND domain containing 19	Zmynd19	67187	1.7	0.0040391

1438992_x_at	activating transcription factor 4	Atf4	11911	1.7	3.163E-05
1446165_at	predicted gene, EG621312	EG621312	621312	1.7	0.0083441
1417439_at	CD248 antigen, endosialin	Cd248	70445	1.7	0.0090625
1426946_at	importin 5	Ipo5	70572	1.7	0.0001379
1425503_at	glucosaminyl (N-acetyl) transferase 2, I-branching enzyme	Gcnt2	14538	1.7	0.0011116
1415827_a_at	stress-associated endoplasmic reticulum protein 1	Serp1	28146	1.7	0.0003806
1419263_a_at	adhesion regulating molecule 1	Adrm1	56436	1.7	0.0002636
1426351_at	heat shock protein 1 (chaperonin)	Hspd1	15510	1.7	0.0003243
1423863_at	ATP-binding cassette, sub-family F (GCN20), member 2	Abcf2	27407	1.7	0.000452
1447484_x_at	RIKEN cDNA 2610002F03 gene, mRNA (cDNA clone IMAGE:53244)	Snhg7	72091	1.7	0.0446049
1419209_at	chemokine (C-X-C motif) ligand 1	Cxcl1	14825	1.7	0.00238
1429119_at	isoamyl acetate-hydrolyzing esterase 1 homolog (<i>S. cerevisiae</i>)	Iah1	67732	1.7	0.0001104
1419652_s_at	Na ⁺ /K ⁺ transporting ATPase interacting 1	Nkain1	67149	1.7	0.0088812
1460732_a_at	periplakin	Ppl	19041	1.7	0.0062541
1424415_s_at	spondin 1, (f-spondin) extracellular matrix protein	Spon1	233744	1.7	0.000816
1427035_at	solute carrier family 39 (zinc transporter), member 14	Slc39a14	213053	1.7	0.0001149
1423884_at	cirrhosis, autosomal recessive 1A (human)	Cirh1a	21771	1.7	0.0006737
1418905_at	nucleotide binding protein 1	Nubp1	26425	1.7	0.0095357
1451164_a_at	mitochondrial ribosomal protein S18B	Mrps18b	66973	1.7	0.0001788
1435544_at	exosome component 6	Exosc6	72544	1.6	0.0017347
1421089_a_at	RIKEN cDNA 2610028A01 gene	2610028A01Rik	72400	1.6	0.0011426
1418052_at	mevalonate kinase	Mvk	17855	1.6	0.0077174
1416106_at	KTI12 homolog, chromatin associated (<i>S. cerevisiae</i>)	Kti12	100087	1.6	0.0002291
1448484_at	S-adenosylmethionine decarboxylase 1	Amd1	11702	1.6	3.93E-05
1417004_at	tumor susceptibility gene 101	Tsg101	22088	1.6	0.0001153
1436305_at	ring finger protein 217	Rnf217	268291	1.6	0.0003946
1449118_at	dihydrolipoamide branched chain transacylase E2	Dbt	13171	1.6	0.0077253
1425350_a_at	myelin basic protein expression factor 2, repressor	Myef2	17876	1.6	0.0060268
1433907_at	Pbx/knotted 1 homeobox 2	Pknox2	208076	1.6	5.568E-05
1417304_at	chordin	Chrd	12667	1.6	0.0104972
1423992_at	GATA zinc finger domain containing 2A	Gatad2a	234366	1.6	9.569E-05
1452095_a_at	histocompatibility 47	H47	109815	1.6	0.0117377
1455505_at	GATA zinc finger domain containing 2A	Gatad2a	234366	1.6	0.0004087
1460460_a_at	golgi reassembly stacking protein 2	Gorasp2	70231	1.6	0.0011888
1415910_s_at	cytokine induced apoptosis inhibitor 1	Ciapin1	109006	1.6	0.0009451
1437211_x_at	ELOVL family member 5, elongation of long chain fatty acids (yeast)	Elovl5	68801	1.6	0.0002678
1434524_at	eukaryotic translation initiation factor 2B, subunit 3	Eif2b3	108067	1.6	0.0015739

1450745_at	core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactos	C1galt1	94192	1.6	0.0014528
1416015_s_at	ATP-binding cassette, sub-family E (OABP), member 1	Abce1	24015	1.6	0.0005569
1415840_at	ELOVL family member 5, elongation of long chain fatty acids (yeast)	Elov15	68801	1.6	0.0006468
1443909_at	cleavage stimulation factor, 3' pre-RNA, subunit 3	Cstf3	228410	1.6	0.0074132
1459874_s_at	myotubularin related protein 4	Mtmr4	170749	1.6	0.0008757
1460035_at	prohibitin 2	Phb2	12034	1.6	0.0326634
1424731_at	notchless homolog 1 (Drosophila)	Nle1	217011	1.6	6.35E-05
1440383_at	DNA cross-link repair 1B, PSO2 homolog (S. cerevisiae)	Dclre1b	140917	1.6	5.481E-05
1417192_at	translocase of outer mitochondrial membrane 70 homolog A (yeast)	Tomm70a	28185	1.6	0.003324
1428261_at	coiled-coil domain containing 134	Ccdc134	76457	1.6	0.000242
1416746_at	H2A histone family, member X	H2afx	15270	1.6	0.001597
1448133_at	NMD3 homolog (S. cerevisiae)	Nmd3	97112	1.6	0.0006823
1439010_at	La ribonucleoprotein domain family, member 4	Larp4	207214	1.6	0.0003195
1417091_at	conserved helix-loop-helix ubiquitous kinase	Chuk	12675	1.6	0.0014596
1450943_at	mago-nashi homolog B (Drosophila)	Magohb	66441	1.6	0.0002171
1424151_at	JTV1 gene	Jtv1	231872	1.6	0.000356
1447483_s_at	RIKEN cDNA 2610002F03 gene, mRNA (cDNA clone IMAGE:53244)	Snhg7	72091	1.6	0.0021862
1420056_s_at	jumonji domain containing 6	Jmjd6	107817	1.6	0.0048347
1448707_at	TAF13 RNA polymerase II, TATA box binding protein (TBP)-associat	Taf13	99730	1.6	0.0014257
1428477_at	elaC homolog 2 (E. coli)	Elac2	68626	1.6	0.0004152
1416093_a_at	mitochondrial ribosomal protein L20	Mrpl20	66448	1.6	0.0026919
1429207_at	RIKEN cDNA 5730408K05 gene	5730408K05Rik	67531	1.6	0.007961
1430326_s_at	ubiquinol-cytochrome c reductase, complex III subunit VII	Uqcrcq	22272	1.6	0.0040826
1448236_at	radixin	Rdx	19684	1.6	3.269E-06
1422844_a_at	WD repeat domain 77	Wdr77	70465	1.6	9.311E-05
1451208_at	eukaryotic translation termination factor 1	Etf1	225363	1.6	0.0086362
1440179_x_at	ring finger protein 217	Rnf217	268291	1.6	0.0019767
1428389_s_at	WD repeat domain 43	Wdr43	72515	1.6	0.0014225
1415914_at	heterogeneous nuclear ribonucleoprotein A/B	Hnrnpab	15384	1.6	0.0006477
1421155_at	UDP-Gal:betaGal beta 1,3-galactosyltransferase, polypeptide 6	B3galt6	117592	1.6	0.0036999
1453359_at	exosome component 1	Exosc1	66583	1.6	0.0047926
1428210_s_at	conserved helix-loop-helix ubiquitous kinase	Chuk	12675	1.6	0.0010134
1428666_at	asparaginyl-tRNA synthetase	Nars	70223	1.6	0.0002426
1434940_x_at	regulator of G-protein signaling 19	Rgs19	56470	1.6	0.002629
1434414_at	FAD-dependent oxidoreductase domain containing 2	Foxred2	239554	1.6	0.0012668
1449372_at	DnaJ (Hsp40) homolog, subfamily C, member 3	Dnajc3	100037258	1.6	0.0001293
1417096_at	ribosomal RNA processing 15 homolog (S. cerevisiae)	Rrp15	67223	1.6	0.0015047

1434216_a_at	nudix (nucleoside diphosphate linked moiety X)-type motif 19	Nudt19	110959	1.6	0.0001099
1418963_at	RIKEN cDNA 2310047O13 gene	2310047O13Rik	66960	1.6	0.0019013
1427058_at	eukaryotic translation initiation factor 4A1	Eif4a1	13681	1.6	0.0029062
1434200_at	cDNA sequence BC010981	BC010981	407830	1.6	0.0017488
1435061_at	nudix (nucleoside diphosphate linked moiety X)-type motif 10	Nudt10	102954	1.6	0.0022921
1450757_at	cadherin 11	Cdh11	12552	1.6	0.0061626
1417829_a_at	RAB15, member RAS oncogene family	Rab15	104886	1.6	0.0008603
1448740_at	RAN guanine nucleotide release factor	Rangrf	57785	1.6	0.0021796
1448274_at	complement component 1, q subcomponent binding protein	C1qbp	12261	1.6	6.504E-05
1421821_at	low density lipoprotein receptor	Ldlr	16835	1.6	6.915E-05
1444108_at	DnaJ (Hsp40) homolog, subfamily C, member 25	Dnajc25	72429	1.6	0.0077706
1416431_at	tubulin, beta 6	Tubb6	67951	1.6	4.054E-06
1439740_s_at	uridine-cytidine kinase 2	Uck2	80914	1.6	0.0002281
1432181_s_at	SCO cytochrome oxidase deficient homolog 2 (yeast)	Sco2	100126824	1.6	0.0011736
1434424_at	major facilitator superfamily domain containing 7B	Mfsd7b	226844	1.6	0.0009545
1452272_a_at	growth factor, erv1 (<i>S. cerevisiae</i>)-like (augmenter of liver regeneration)	Gfer	11692	1.6	0.0086591
1448473_at	budding uninhibited by benzimidazoles 3 homolog (<i>S. cerevisiae</i>)	Bub3	12237	1.6	0.0019931
1451374_x_at	chemokine-like factor	Cklf	75458	1.6	0.0058447
1452318_a_at	heat shock protein 1B	Hspa1b	15511	1.6	0.0057179
1425668_a_at	ST3 beta-galactoside alpha-2,3-sialyltransferase 4	St3gal4	20443	1.6	0.0063581
1428800_a_at	pseudouridylate synthase 7 homolog (<i>S. cerevisiae</i>)-like	Pus7l	78895	1.6	0.0011574
1440338_at	RIKEN cDNA E430028B21 gene	E430028B21Rik	211948	1.6	0.0052406
1428816_a_at	GATA binding protein 2	Gata2	14461	1.6	0.0002052
1455821_x_at	complement component 1, q subcomponent binding protein	C1qbp	12261	1.6	1.002E-05
1454109_a_at	jumonji domain containing 6	Jmjd6	107817	1.6	0.0018608
1460260_s_at	karyopherin (importin) alpha 1	Kpna1	16646	1.6	0.0017376
1442484_at	DNA segment, Chr 9, ERATO Doi 306, expressed	D9Erd306e	52203	1.6	0.0243025
1448908_at	phosphatidic acid phosphatase type 2B	Ppap2b	67916	1.6	0.0002884
1450333_a_at	GATA binding protein 2	Gata2	14461	1.6	0.0001201
1449505_at	karyopherin (importin) alpha 1	Kpna1	16646	1.6	0.000274
1438886_at	hairy/enhancer-of-split related with YRPW motif-like	Heyl	56198	1.6	0.0059864
1423241_a_at	transcription factor Dp 1	Tfdp1	21781	1.6	0.000409
1435333_at	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor	Ndufaf4	68493	1.6	0.0064713
1422547_at	RAN binding protein 1	Ranbp1	19385	1.6	0.0056618
1424013_at	eukaryotic translation termination factor 1	Etf1	225363	1.6	0.0018454
1451265_at	coiled-coil domain containing 115	Ccdc115	69668	1.6	0.0049588
1417173_at	activating transcription factor 6 beta	Atf6b	12915	1.6	0.0001477

1418467_at	SWI/SNF related, matrix associated, actin dependent regulator of chromatin	Smarcd3	66993	1.6	0.0028211
1453202_at	RIKEN cDNA E330016A19 gene	E330016A19Rik	214763	1.6	0.0003763
1429126_at	RIKEN cDNA 2600001M11 gene	2600001M11Rik	76531	1.6	0.0091173
1448533_at	tubulin folding cofactor B	Tbcb	66411	1.6	9.893E-05
1434985_a_at	eukaryotic translation initiation factor 4A1	Eif4a1	13681	1.6	0.0004312
1416035_at	hypoxia inducible factor 1, alpha subunit	Hif1a	15251	1.6	1.977E-05
1427126_at	heat shock protein 1B	Hspa1b	15511	1.6	0.0054988
1451782_a_at	solute carrier family 29 (nucleoside transporters), member 1	Slc29a1	63959	1.6	0.006235
1434398_at	NF-kappaB repressing factor	Nkrf	77286	1.6	0.0001906
1452831_s_at	phosphoribosyl pyrophosphate amidotransferase	Ppat	231327	1.6	0.0001521
1425780_a_at	transmembrane protein 167	Tmem167	66074	1.6	0.0065103
1428106_at	RIKEN cDNA 1300001I01 gene	1300001I01Rik	74148	1.6	0.0001544
1450264_a_at	choline kinase alpha	Chka	12660	1.6	2.739E-05
1426350_at	mannoside acetylglucosaminyltransferase 2	Mgat2	217664	1.6	0.0070692
1437660_at	natural killer tumor recognition sequence	Nktr	18087	1.6	0.0360506
1449645_s_at	chaperonin containing Tcp1, subunit 3 (gamma)	Cct3	12462	1.6	0.0087793
1452394_at	cysteinyI-tRNA synthetase	Cars	27267	1.6	0.0029662
1451509_at	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor 9	Taf9	108143	1.6	0.0011953
1417786_a_at	regulator of G-protein signaling 19	Rgs19	56470	1.6	0.0033116
1428334_at	osteopetrosis associated transmembrane protein 1	Ostm1	14628	1.6	0.0015865
1433591_at	protein phosphatase 3, regulatory subunit B, alpha isoform (calcineurin)	Ppp3r1	19058	1.6	2.35E-05
1433887_at	DnaJ (Hsp40) homolog, subfamily C, member 3	Dnajc3	100037258	1.6	6.976E-05
1440230_at	tsukushin	Tsku	244152	1.6	0.000974
1451383_a_at	conserved helix-loop-helix ubiquitous kinase	Chuk	12675	1.6	0.0231117
1420826_at	leucine zipper-EF-hand containing transmembrane protein 1	Letm1	56384	1.6	0.0010477
1434295_at	RAS guanyl releasing protein 1	Rasgrp1	19419	1.6	0.0342854
1415909_at	stress-induced phosphoprotein 1	Stip1	20867	1.6	0.0005457
1419766_at	salt inducible kinase 1	Sik1	17691	1.6	0.0337938
1433934_at	Sec24 related gene family, member A (S. cerevisiae)	Sec24a	77371	1.6	0.0003034
1448782_at	thioredoxin domain containing 11	Txndc11	106200	1.6	0.0026817
1427229_at	3-hydroxy-3-methylglutaryl-Coenzyme A reductase	Hmgcr	15357	1.6	0.0015775
1416684_at	fibrillarin	Fbl	14113	1.6	0.0001125
1456212_x_at	suppressor of cytokine signaling 3	Socs3	12702	1.6	0.0011043
1416185_a_at	alcohol dehydrogenase 5 (class III), chi polypeptide	Adh5	11532	1.6	0.0003315
1417587_at	timeless homolog (Drosophila)	Timeless	21853	1.6	0.0099854
1449750_at	expressed sequence AA407331	AA407331	106839	1.6	0.024539
1418255_s_at	serum response factor	Srf	20807	1.6	0.0015367

1429080_at	M-phase phosphoprotein 10 (U3 small nucleolar ribonucleoprotein)	Mphosph10	67973	1.6	0.0039496
1417013_at	heat shock protein 8	Hspb8	80888	1.6	0.001143
1423826_at	nucleolar complex associated 4 homolog (<i>S. cerevisiae</i>)	Noc4l	100608	1.6	0.0003962
1450845_a_at	basic leucine zipper and W2 domains 1	Bzw1	66882	1.6	0.0048325
1442944_at	expressed sequence C76555	C76555	97125	1.6	0.0422213
1433464_at	importin 13	Ipo13	230673	1.6	0.0025605
1454709_at	transmembrane protein 64	Tmem64	100201	1.6	0.0003103
1429251_at	PR domain containing 2, with ZNF domain	Prdm2	110593	1.6	0.0055762
1427196_at	WNK lysine deficient protein kinase 4	Wnk4	69847	1.6	0.0143172
1416445_at	family with sequence similarity 98, member A	Fam98a	72722	1.6	0.0004964
1425016_at	Eph receptor B2	Ephb2	13844	1.6	0.0085781
1423709_s_at	phenylalanyl-tRNA synthetase, beta subunit	Farsb	23874	1.6	2.011E-06
1421305_x_at	rabaptin, RAB GTPase binding effector protein 1	Rabep1	54189	1.6	0.0002626
1439205_at	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent	Nfatc2	18019	1.6	0.0007564
1416890_at	WD repeat domain 74	Wdr74	107071	1.6	0.0008014
1441317_x_at	janus kinase and microtubule interacting protein 1	Jakmip1	76071	1.6	0.0069576
1437325_x_at	aldehyde dehydrogenase 18 family, member A1	Aldh18a1	56454	1.6	0.0001961
1448729_a_at	septin 4		40060 18952	1.6	0.0003348
1428353_at	forkhead box K2	Foxk2	68837	1.6	0.0004206
1417823_at	glycine C-acetyltransferase (2-amino-3-ketobutyrate-coenzyme A ligase)	Gcat	26912	1.6	0.0091289
1416685_s_at	fibrillarin	Fbl	14113	1.6	0.0007817
1452012_a_at	exosome component 1	Exosc1	66583	1.6	0.0021947
1449870_a_at	ATPase, H+ transporting, lysosomal V0 subunit A2	Atp6v0a2	21871	1.6	0.0025035
1452340_at	zinc finger protein 518B	Zfp518b	100515	1.6	0.0014185
1435674_at	Rho-related BTB domain containing 2	Rhobtb2	246710	1.6	0.0041302
1437985_a_at	RIKEN cDNA 2310061104 gene	2310061104Rik	69662	1.6	0.0006135
1424274_at	USO1 homolog, vesicle docking protein (yeast)	Uso1	56041	1.6	0.0003455
1417092_at	parathyroid hormone 1 receptor	Pth1r	19228	1.6	0.0236502
1424883_s_at	splicing factor, arginine/serine-rich 7	Sfrs7	225027	1.5	0.0034548
1416815_s_at	budding uninhibited by benzimidazoles 3 homolog (<i>S. cerevisiae</i>)	Bub3	12237	1.5	0.0014007
1451979_at	v-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog	Kras	16653	1.5	0.0002937
1447602_x_at	sulfatase 2	Sulf2	72043	1.5	0.0028117
1421786_at	protein phosphatase 3, regulatory subunit B, alpha isoform (calcineurin)	Ppp3r1	19058	1.5	0.0053705
1416569_at	actin-like 6A	Actl6a	56456	1.5	0.0015861
1427127_x_at	heat shock protein 1B	Hspa1b	15511	1.5	0.0109565
1418137_at	mitochondrial ribosomal protein 63	Mrp63	67840	1.5	0.0004535
1430505_at	transmembrane protein 219	Tmem219	68742	1.5	0.008781

1455899_x_at	suppressor of cytokine signaling 3	Socs3	12702	1.5	0.0055514
1460036_at	adaptor-related protein complex 1, sigma 2 subunit	Ap1s2	108012	1.5	0.0024898
1428315_at	EBNA1 binding protein 2	Ebna1bp2	69072	1.5	0.0001704
1449014_at	lactamase, beta	Lactb	80907	1.5	0.0003465
1451218_at	ER degradation enhancer, mannosidase alpha-like 1	Edem1	192193	1.5	0.0023479
1456434_x_at	heat shock protein 8	Hspb8	80888	1.5	0.0004389
1439741_x_at	uridine-cytidine kinase 2	Uck2	80914	1.5	0.0056832
1448772_at	ubiquitin-conjugating enzyme E2A, RAD6 homolog (S. cerevisiae)	Ube2a	22209	1.5	0.0015127
1429177_x_at	SRY-box containing gene 17	Sox17	20671	1.5	0.003886
1421033_a_at	transcription elongation regulator 1 (CA150)	Tcerg1	56070	1.5	0.0021885
1451742_a_at	UDP-glucose pyrophosphorylase 2	Ugp2	216558	1.5	4.547E-05
1459240_at	Transcription factor 25 (basic helix-loop-helix), mRNA (cDNA clone M	Tcf25	66855	1.5	0.002771
1448153_at	cytochrome c oxidase, subunit Va	Cox5a	12858	1.5	0.0054953
1419173_at	aminoacylase 1	Acy1	109652	1.5	0.0069102
1460486_at	RAB GTPase activating protein 1	Rabgap1	227800	1.5	0.0095352
1448564_at	calcium and integrin binding 1 (calmyrin)	Cib1	23991	1.5	0.0064083
1460320_at	beclin 1, autophagy related	Becn1	56208	1.5	0.0025391
1435001_at	phospholipase A2, activating protein	Plaa	18786	1.5	0.0051821
1428390_at	WD repeat domain 43	Wdr43	72515	1.5	0.0018498
1434773_a_at	solute carrier family 2 (facilitated glucose transporter), member 1	Slc2a1	20525	1.5	0.0001047
1431939_a_at	myc induced nuclear antigen	Mina	67014	1.5	0.0031744
1441568_at	oxidative stress induced growth inhibitor family member 2	Osgin2	209212	1.5	0.0035145
1418437_a_at	MAX-like protein X	Mlx	21428	1.5	0.0002612
1448170_at	seven in absentia 2	Siah2	20439	1.5	0.0084096
1429758_at	RIKEN cDNA 1700017B05 gene	1700017B05Rik	74211	1.5	0.0012838
1435379_at	URB2 ribosome biogenesis 2 homolog (S. cerevisiae)	Urb2	382038	1.5	0.0063163
1423766_at	PAK1 interacting protein 1	Pak1ip1	68083	1.5	0.0031286
1450909_at	eukaryotic translation initiation factor 4E	Eif4e	13684	1.5	0.0001147
1421266_s_at	nuclear factor of kappa light polypeptide gene enhancer in B-cells inh	Nfkbib	18036	1.5	0.0061802
1435888_at	epidermal growth factor receptor	Egfr	13649	1.5	0.0016715
1437088_at	SDA1 domain containing 1	Sdad1	231452	1.5	0.0025018
1428950_s_at	nucleolar protein 8	Nol8	70930	1.5	0.0076725
1428506_at	5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IM	Atic	108147	1.5	5.441E-05
1432052_at	Exosome component 1 (Exosc1), mRNA	Exosc1	66583	1.5	0.0003127
1431226_a_at	fibronectin type III domain containing 4	Fndc4	64339	1.5	0.003839
1420867_at	transmembrane emp24 domain trafficking protein 2	Tmed2	56334	1.5	0.049379
1457150_at	expressed sequence AI428301	AI428301	106201	1.5	0.0181041

1426960_a_at	fatty acid 2-hydroxylase	Fa2h	338521	1.5	0.0024438
1454674_at	fasciculation and elongation protein zeta 1 (zygin I)	Fez1	235180	1.5	0.0099911
1423722_at	transmembrane protein 49	Tmem49	75909	1.5	0.00681
1451649_a_at	WD repeat domain 75	Wdr75	73674	1.5	9.09E-05
1455019_x_at	cytoskeleton-associated protein 4	Ckap4	216197	1.5	0.0001923
1439599_at	galactose-3-O-sulfotransferase 2	Gal3st2	381334	1.5	0.0149136
1453849_s_at	heterogeneous nuclear ribonucleoprotein A/B	Hnrnpab	15384	1.5	0.0010896
1457434_s_at	protein tyrosine phosphatase-like (proline instead of catalytic arginine)	Ptpla	30963	1.5	0.0032202
1448685_at	RIKEN cDNA 2900010M23 gene	2900010M23Rik	67267	1.5	0.0006904
1423575_a_at	Williams Beuren syndrome chromosome region 22	Wbscr22	66138	1.5	0.0001183
1433855_at	4-aminobutyrate aminotransferase	Abat	268860	1.5	0.0018141
1454632_at	RIKEN cDNA 6330442E10 gene	6330442E10Rik	268567	1.5	0.0058694
1448100_at	RIKEN cDNA 4833439L19 gene	4833439L19Rik	97820	1.5	0.0019807
1456117_at	ribosomal RNA processing 1 homolog B (<i>S. cerevisiae</i>)	Rrp1b	72462	1.5	0.0011384
1434882_at	metadherin	Mtdh	67154	1.5	0.0031983
1452676_a_at	polyribonucleotide nucleotidyltransferase 1	Pnpt1	71701	1.5	0.0093017
1450904_at	transmembrane protein 167	Tmem167	66074	1.5	0.0001275
1450873_at	GTP binding protein 4	Gtpbp4	69237	1.5	0.0024447
1433692_at	N-acetyltransferase 10	Nat10	98956	1.5	0.0037814
1452152_at	clathrin interactor 1	Clint1	216705	1.5	0.0003114
1416726_s_at	ubiquitin-conjugating enzyme E2S	Ube2s	77891	1.5	0.003153
1428350_at	RIKEN cDNA 2310061F22 gene	2310061F22Rik	66965	1.5	0.0032323
1417132_at	cell division cycle 25 homolog A (<i>S. pombe</i>)	Cdc25a	12530	1.5	0.0005554
1417083_at	Sec61 beta subunit	Sec61b	66212	1.5	0.0008009
1432750_at	zinc finger protein 711	Zfp711	245595	1.5	0.0012111
1424650_at	protein disulfide isomerase associated 5	Pdia5	72599	1.5	0.0007232
1416566_at	serine/threonine kinase receptor associated protein	Strap	20901	1.5	0.00811
1428534_at	nuclear receptor 2C2-associated protein	Nr2c2ap	75692	1.5	0.0007206
1453007_at	RIKEN cDNA 3110082I17 gene	3110082I17Rik	73212	1.5	0.0004374
1455653_at	cyclin J	Ccnj	240665	1.5	0.0002762
1455991_at	cysteine conjugate-beta lyase 2	Ccbl2	229905	1.5	0.0025319
1451329_at	nudix (nucleoside diphosphate linked moiety X)-type motif 22	Nudt22	68323	1.5	0.0023915
1448475_at	olfactomedin-like 3	Olfml3	99543	1.5	0.0038656
1426754_x_at	cytoskeleton-associated protein 4	Ckap4	216197	1.5	4.721E-05
1438955_x_at	peptidylprolyl isomerase F (cyclophilin F)	Ppif	105675	1.5	0.005359
1454993_a_at	splicing factor, arginine/serine-rich 3 (SRp20)	Sfrs3	20383	1.5	0.000153
1450158_at	rad and gem related GTP binding protein 1	Rem1	19700	1.5	0.0036382

1454955_at	importin 7	lpo7	233726	1.5	0.0034369
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SUPPLEMENTAL TABLE 2: List of Genes Down Regulated by P4 in SRC-2 ^{ff} (Control) Mice					
Probe set	Gene Title	Gene Symbol	Entrez ID	Fold change	p value
1428837_at	kelch-like 14 (Drosophila)	Klhl14	225266	-10.7	0.0023643
1423367_at	wingless-related MMTV integration site 7A	Wnt7a	22421	-9.2	0.0022056
1453231_at	cyclin-dependent kinase-like 1 (CDC2-related kinase)	Cdkl1	71091	-8.5	0.0001965
1434800_at	synaptic vesicle glycoprotein 2 b	Sv2b	64176	-7.6	0.0004656
1451424_at	gamma-aminobutyric acid (GABA) A receptor, pi	Gabrp	216643	-7.3	0.0092199
1429664_at	cyclin-dependent kinase-like 1 (CDC2-related kinase)	Cdkl1	71091	-7.3	0.0031005
1449588_at	ATP-binding cassette, sub-family A (ABC1), member 4	Abca4	11304	-6.5	2.857E-05
1457140_s_at	Ras association (RalGDS/AF-6) domain family (N-terminal) member	Rassf10	78748	-6.3	0.000605
1436532_at	doublecortin-like kinase 3	Dclk3	245038	-5.9	7.681E-05
1424647_at	gamma-aminobutyric acid (GABA) A receptor, pi	Gabrp	216643	-5.6	0.0049577
1429567_at	Ras association (RalGDS/AF-6) domain family (N-terminal) member	Rassf10	78748	-5.5	0.0006194
1419717_at	sema domain, immunoglobulin domain (Ig), short basic domain, secreted	Sema3e	20349	-5.2	1.679E-05
1442226_at	sema domain, immunoglobulin domain (Ig), short basic domain, secreted	Sema3e	20349	-4.4	0.0025311
1428332_at	phosphoinositide-3-kinase interacting protein 1	Pik3ip1	216505	-4.3	0.0003205
1416107_at	neuron specific gene family member 2	Nsg2	18197	-4.3	5.976E-05
1429891_at	calcyphosine-like	Capsl	75568	-4.1	0.0115196
1439087_a_at	phosphoinositide-3-kinase interacting protein 1	Pik3ip1	216505	-4.0	0.0011077
1448640_at	solute carrier family 14 (urea transporter), member 1	Slc14a1	108052	-4.0	0.00039
1430143_at	RIKEN cDNA 4930426D05 gene	4930426D05Rik	74644	-3.9	0.0029205
1441975_at	acid phosphatase, prostate	Acpp	56318	-3.9	0.0003209
1417061_at	solute carrier family 40 (iron-regulated transporter), member 1	Slc40a1	53945	-3.9	0.0003086
1449545_at	fibroblast growth factor 18	Fgf18	14172	-3.6	0.0006758
1416306_at	chloride channel calcium activated 3	Clca3	23844	-3.5	0.0001892
1425848_a_at	dual specificity phosphatase 26 (putative)	Dusp26	66959	-3.5	0.0006988
1438756_at	ankyrin repeat domain 29	Ankrd29	225187	-3.5	5.789E-05
1438718_at	fibroblast growth factor 9	Fgf9	14180	-3.5	0.0018904
1439757_s_at	Eph receptor A4	Epha4	13838	-3.4	0.0055679
1443969_at	insulin receptor substrate 2	Irs2	384783	-3.4	0.0013058
1441926_x_at	transmembrane inner ear	Tmie	20776	-3.3	1.57E-05
1417155_at	v-myc myelocytomatosis viral related oncogene, neuroblastoma derived	Mycn	18109	-3.3	0.0015548
1438411_at	G protein-coupled receptor 81	Gpr81	243270	-3.3	0.0187851
1441338_at	RIKEN cDNA 5930412G12 gene	5930412G12Rik	319616	-3.3	8.517E-06
1436600_at	TOX high mobility group box family member 3	Tox3	244579	-3.2	3.784E-06
1457589_at	FAT tumor suppressor homolog 3 (Drosophila)	Fat3	270120	-3.2	0.0153863
1417522_at	F-box protein 32	Fbxo32	67731	-3.2	0.0007463

1428983_at	scleraxis	Scx	20289	-3.2	0.0002934
1448747_at	F-box protein 32	Fbxo32	67731	-3.2	0.0008686
1450448_at	stanniocalcin 1	Stc1	20855	-3.1	0.0004799
1436294_at	ankyrin repeat domain 29	Ankrd29	225187	-3.1	0.0003358
1448227_at	growth factor receptor bound protein 7	Grb7	14786	-3.1	0.0009666
1448566_at	solute carrier family 40 (iron-regulated transporter), member 1	Slc40a1	53945	-3.1	0.0063127
1438567_at	von Willebrand factor A domain containing 2	Vwa2	240675	-3.1	0.0028321
1450780_s_at	high mobility group AT-hook 2	Hmga2	15364	-3.1	0.0011591
1450988_at	leucine rich repeat containing G protein coupled receptor 5	Lgr5	14160	-3.1	0.002773
1450781_at	high mobility group AT-hook 2	Hmga2	15364	-3.1	5.961E-05
1453442_at	RIKEN cDNA 2310043M15 gene	2310043M15Rik	71930	-3.1	0.0154008
1422851_at	high mobility group AT-hook 2	Hmga2	15364	-3.1	2.754E-05
1444687_at	complement component 1, q subcomponent-like 2	C1ql2	226359	-3.0	1.741E-05
1448789_at	aldehyde dehydrogenase family 1, subfamily A3	Aldh1a3	56847	-2.9	0.000314
1417000_at	ankyrin repeat and BTB (POZ) domain containing 1	Abtb1	80283	-2.9	9.837E-06
1415856_at	embigin	Emb	13723	-2.9	0.0006981
1415871_at	transforming growth factor, beta induced	Tgfb1	21810	-2.9	2.454E-05
1441412_s_at	tripartite motif-containing 45	Trim45	229644	-2.9	0.0009534
1444139_at	DNA-damage-inducible transcript 4-like	Ddit4l	73284	-2.9	0.0008435
1439395_at	RIKEN cDNA 9630025I21 gene	9630025I21Rik	408067	-2.9	0.0006005
1448710_at	chemokine (C-X-C motif) receptor 4	Cxcr4	12767	-2.9	0.0003416
1454646_at	t-complex 11 (mouse) like 2	Tcp11l2	216198	-2.9	4.889E-05
1421929_at	Eph receptor A4	Epha4	13838	-2.9	0.018794
1457409_at	fucosyltransferase 9	Fut9	14348	-2.9	0.0118674
1435069_at	cDNA sequence BC064078	BC064078	408064	-2.9	0.0086508
1427512_a_at	laminin, alpha 3	Lama3	16774	-2.9	0.00367
1420543_at	DnaJ (Hsp40) homolog, subfamily C, member 28	Dnajc28	246738	-2.8	0.000142
1418780_at	cytochrome P450, family 39, subfamily a, polypeptide 1	Cyp39a1	56050	-2.8	0.0005489
1435495_at	adenosine A1 receptor	Adora1	11539	-2.8	0.0123543
1452473_at	proline rich 15	Prr15	78004	-2.8	0.0013724
1429987_at	RIKEN cDNA 9930013L23 gene	9930013L23Rik	80982	-2.8	0.0013924
1454880_s_at	BCL2 modifying factor	Bmf	171543	-2.7	5.237E-05
1451751_at	DNA-damage-inducible transcript 4-like	Ddit4l	73284	-2.7	3.4E-05
1428114_at	solute carrier family 14 (urea transporter), member 1	Slc14a1	108052	-2.7	0.0002095
1423271_at	gap junction protein, beta 2	Gjb2	14619	-2.7	0.0037734
1426621_a_at	protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), beta	Ppp2r2b	72930	-2.7	1.243E-05
1428812_at	RIKEN cDNA 1700040L02 gene	1700040L02Rik	73287	-2.7	0.0011224

1418672_at	aldo-keto reductase family 1, member C13	Akr1c13	27384	-2.7	0.0004241
1417066_at	chaperone, ABC1 activity of bc1 complex like (S. pombe)	Cabc1	67426	-2.7	0.0006669
1435135_at	arylacetamide deacetylase-like 1	Aadacl1	320024	-2.7	0.0013903
1439680_at	tumor necrosis factor (ligand) superfamily, member 10	Tnfsf10	22035	-2.7	0.0005444
1427482_a_at	carbonic anhydrase 8	Car8	12319	-2.6	0.0016428
1442113_at	RIKEN cDNA 5330417C22 gene	5330417C22Rik	229722	-2.6	0.0026819
1419323_at	peptidyl arginine deiminase, type I	Padi1	18599	-2.6	0.0052965
1447808_s_at	solute carrier family 15 (H+/peptide transporter), member 2	Slc15a2	57738	-2.6	0.0017021
1428651_at	kelch-like 24 (Drosophila)	Klhl24	75785	-2.6	2.281E-06
1437244_at	growth arrest-specific 2 like 3	Gas2l3	237436	-2.6	0.0020631
1437929_at	dapper homolog 2, antagonist of beta-catenin (xenopus)	Dact2	240025	-2.6	0.0004686
1437876_at	interleukin 20 receptor beta	Il20rb	213208	-2.6	0.0006652
1459913_at	tumor necrosis factor (ligand) superfamily, member 10	Tnfsf10	22035	-2.6	0.0042633
1439332_at	DNA-damage-inducible transcript 4-like	Ddit4l	73284	-2.6	0.000356
1453509_at	Ly6/Plaur domain containing 2	Lypd2	68311	-2.6	0.0445577
1430336_at	guanylate cyclase 2g	Gucy2g	73707	-2.6	0.0008733
1418472_at	aspartoacylase	Aspa	11484	-2.6	0.0010895
1455454_at	aldo-keto reductase family 1, member C19	Akr1c19	432720	-2.6	0.0012225
1449519_at	growth arrest and DNA-damage-inducible 45 alpha	Gadd45a	13197	-2.5	0.0005694
1437110_at	RIKEN cDNA 2810474O19 gene	2810474O19Rik	67246	-2.5	0.0001152
1417441_at	DnaJ (Hsp40) homolog, subfamily C, member 12	Dnajc12	30045	-2.5	1.83E-05
1424354_at	transmembrane protein 140	Tmem140	68487	-2.5	0.0031477
1451453_at	death-associated protein kinase 2	Dapk2	13143	-2.5	0.0001255
1425109_at	solute carrier family 44, member 3	Slc44a3	213603	-2.5	0.002726
1457867_at	sphingosine-1-phosphate phosphatase 2	Sgpp2	433323	-2.5	0.0013472
1423468_at	STEAP family member 3	Steap3	68428	-2.5	0.0010598
1415857_at	embigin	Emb	13723	-2.5	0.0029621
1426864_a_at	neural cell adhesion molecule 1	Ncam1	17967	-2.5	0.0012551
1442143_at	anoctamin 4	Ano4	320091	-2.5	0.0013255
1450839_at	DNA segment, human D4S114	D0H4S114	27528	-2.5	0.0005612
1424730_a_at	solute carrier family 15 (H+/peptide transporter), member 2	Slc15a2	57738	-2.5	0.0021877
1430700_a_at	phospholipase A2, group VII (platelet-activating factor acetylhydrolase)	Pla2g7	27226	-2.5	0.0016665
1439556_at	neural cell adhesion molecule 1	Ncam1	17967	-2.5	0.0057774
1421595_at	family with sequence similarity 184, member B	Fam184b	58227	-2.5	0.0002202
1427387_a_at	integrin beta 4	Itgb4	192897	-2.5	0.0004761
1455220_at	frequently rearranged in advanced T-cell lymphomas 2	Frat2	212398	-2.5	0.0002931
1443536_at	solute carrier family 7 (cationic amino acid transporter, y+ system), member 11	Slc7a11	26570	-2.5	0.0006333

1438519_at	kelch-like 24 (Drosophila)	Klhl24	75785	-2.5	0.000851
1426865_a_at	neural cell adhesion molecule 1	Ncam1	17967	-2.5	9.141E-05
1434447_at	met proto-oncogene	Met	17295	-2.5	0.000178
1460336_at	peroxisome proliferative activated receptor, gamma, coactivator 1 alpha	Ppargc1a	19017	-2.4	0.0008911
1437661_at	expressed sequence AU021092	AU021092	239691	-2.4	0.0002853
1443964_at	transmembrane inner ear	Tmie	20776	-2.4	0.0001545
1449311_at	BTB and CNC homology 1	Bach1	12013	-2.4	0.0342308
1417273_at	pyruvate dehydrogenase kinase, isoenzyme 4	Pdk4	27273	-2.4	0.0413317
1419155_a_at	SRY-box containing gene 4	Sox4	20677	-2.4	0.0060503
1448123_s_at	transforming growth factor, beta induced	Tgfb1	21810	-2.4	1.302E-05
1453261_at	RIKEN cDNA 2610035D17 gene	2610035D17Rik	72386	-2.4	0.000141
1427334_s_at	RIKEN cDNA 2810474O19 gene	2810474O19Rik	67246	-2.4	3.269E-05
1455980_a_at	growth arrest-specific 2 like 3	Gas2l3	237436	-2.4	0.0018128
1434028_at	aryl hydrocarbon receptor nuclear translocator 2	Arnt2	11864	-2.4	0.0006297
1422286_a_at	TGFB-induced factor homeobox 1	Tgif1	21815	-2.4	0.0010511
1440090_at	Solute carrier family 25, member 27 (Slc25a27), nuclear gene encoding	Slc25a27	74011	-2.4	0.0002583
1455689_at	frizzled homolog 10 (Drosophila)	Fzd10	93897	-2.4	0.0005463
1418359_at	Williams Beuren syndrome chromosome region 27 (human)	Wbscr27	79565	-2.4	0.0003074
1450713_at	chondroitin sulfate proteoglycan 5	Cspg5	29873	-2.4	0.0021198
1419710_at	neurexophilin 3	Nxph3	104079	-2.4	0.0005124
1416111_at	CD83 antigen	Cd83	12522	-2.4	0.0006131
1447583_x_at	G protein-coupled estrogen receptor 1	Gper	76854	-2.3	0.0035333
1440973_at	hypothetical LOC552874	LOC552874	552874	-2.3	0.004372
1456395_at	peroxisome proliferative activated receptor, gamma, coactivator 1 alpha	Ppargc1a	19017	-2.3	0.0018296
1418979_at	aldo-keto reductase family 1, member C14	Akr1c14	105387	-2.3	0.0014356
1442514_a_at	elongation factor RNA polymerase II-like 3	Eif3	269344	-2.3	0.0061717
1448793_a_at	syndecan 4	Sdc4	20971	-2.3	0.0004397
1437463_x_at	transforming growth factor, beta induced	Tgfb1	21810	-2.3	1.26E-05
1415997_at	thioredoxin interacting protein	Txnip	56338	-2.3	0.0006863
1418417_at	musculin	Msc	17681	-2.3	0.0033864
1425792_a_at	RAR-related orphan receptor gamma	Rorc	19885	-2.3	0.0001956
1416564_at	SRY-box containing gene 7	Sox7	20680	-2.3	0.0033719
1441506_at	decorin	Dcn	13179	-2.3	0.0002745
1429351_at	kelch-like 24 (Drosophila)	Klhl24	75785	-2.3	0.0023347
1424516_at	RIKEN cDNA B230354K17 gene	B230354K17Rik	320063	-2.3	0.0002151
1419376_at	fin bud initiation factor homolog (zebrafish)	Fibin	67606	-2.3	0.0120548
1440759_at	predicted gene, ENSMUSG00000074335	ENSMUSG00000074335	100038499	-2.3	7.996E-05

1417419_at	cyclin D1	Ccnd1	12443	-2.3	0.0025244
1455561_at	carnosine dipeptidase 1 (metallopeptidase M20 family)	Cndp1	338403	-2.3	0.0012321
1458330_x_at	Cyclin M3 (Cnnm3), transcript variant 1, mRNA	Cnnm3	94218	-2.3	0.0002295
1437286_x_at	RIKEN cDNA 1110020G09 gene	1110020G09Rik	68646	-2.3	0.0006975
1424968_at	RIKEN cDNA 2210023G05 gene	2210023G05Rik	72361	-2.3	0.0010027
1454617_at	arrestin domain containing 3	Arrdc3	105171	-2.3	5.491E-05
1417991_at	deiodinase, iodothyronine, type I	Dio1	13370	-2.3	0.0002005
1433919_at	ankyrin repeat and SOCS box-containing 4	Asb4	65255	-2.3	0.0092318
1456250_x_at	transforming growth factor, beta induced	Tgfb1	21810	-2.3	4.455E-05
1427075_s_at	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain con	Pcmt2	245867	-2.3	5.432E-06
1450376_at	Max interacting protein 1	Mxi1	17859	-2.3	4.76E-05
1436739_at	angiotensin II receptor, type 1a	Agtr1a	11607	-2.3	0.0009225
1426624_a_at	yippee-like 3 (Drosophila)	Ypel3	66090	-2.3	5.819E-06
1442368_at	potassium channel tetramerisation domain containing 12b	Kctd12b	207474	-2.3	0.0008199
1453511_at	RIKEN cDNA 2310007B03 gene	2310007B03Rik	71874	-2.3	0.021832
1429844_at	RIKEN cDNA 2310043J07 gene	2310043J07Rik	69665	-2.3	0.0217866
1429236_at	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosa	Galnt12	78754	-2.3	0.0020661
1427074_at	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain con	Pcmt2	245867	-2.3	6.065E-06
1425793_a_at	RAR-related orphan receptor gamma	Rorc	19885	-2.3	0.0054035
1417234_at	matrix metallopeptidase 11	Mmp11	17385	-2.3	0.0010195
1434315_at	NIPA-like domain containing 3	Nipal3	74552	-2.3	2.806E-05
1450227_at	ankyrin repeat domain 6	Ankrd6	140577	-2.3	0.0026757
1448906_at	cadherin 16	Cdh16	12556	-2.2	0.0359143
1440007_at	RIKEN cDNA D930003E18 gene	D930003E18Rik	100048911	-2.2	0.0086512
1453119_at	OTU domain containing 1	Otud1	71198	-2.2	0.0009469
1424786_s_at	WD repeat domain 45	Wdr45	54636	-2.2	6.457E-05
1441214_at	exophilin 5	Exph5	320051	-2.2	0.000783
1437217_at	ankyrin repeat domain 6	Ankrd6	140577	-2.2	0.0002352
1433434_at	expressed sequence AW551984	AW551984	244810	-2.2	0.0080892
1417673_at	growth factor receptor bound protein 14	Grb14	50915	-2.2	8.8E-05
1452841_at	phosphoglucomutase 2-like 1	Pgm2l1	70974	-2.2	9.104E-05
1437751_at	peroxisome proliferative activated receptor, gamma, coactivator 1 alp	Ppargc1a	19017	-2.2	0.0005211
1419458_at	Rho-guanine nucleotide exchange factor	Rgnef	110596	-2.2	0.0007644
1427521_a_at	RIKEN cDNA 9930023K05 gene	9930023K05Rik	226245	-2.2	0.0003856
1424515_at	RIKEN cDNA B230354K17 gene	B230354K17Rik	320063	-2.2	2.263E-06
1426787_at	Sfi1 homolog, spindle assembly associated (yeast)	Sfi1	78887	-2.2	0.0002755
1449303_at	Sestrin 3, mRNA (cDNA clone IMAGE:3481673)	Sesn3	75747	-2.2	0.0006811

1427961_s_at	UDP glucuronosyltransferase 2 family, polypeptide B34	Ugt2b34	100727	-2.2	0.0315909
1434577_at	cDNA sequence BC052040	BC052040	399568	-2.2	6.932E-05
1425245_a_at	regulator of G-protein signaling 11	Rgs11	50782	-2.2	0.0044103
1434913_at	3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase-like 1	Hmgcl1	208982	-2.2	0.0020034
1437287_at	RIKEN cDNA 1110020G09 gene	1110020G09Rik	68646	-2.2	0.0001284
1455553_at	transmembrane protein 194B	Tmem194b	227094	-2.2	6.738E-05
1433600_at	adrenergic receptor, alpha 2a	Adra2a	11551	-2.2	0.0005895
1428682_at	zinc finger CCCH type containing 6	Zc3h6	78751	-2.2	0.0252082
1436237_at	tetratricopeptide repeat domain 9	Ttc9	69480	-2.2	0.0300263
1437302_at	adrenergic receptor, beta 2	Adrb2	11555	-2.2	0.0013635
1417693_a_at	growth factor receptor bound protein 2-associated protein 1	Gab1	14388	-2.2	0.0001684
1420639_at	junction-mediating and regulatory protein	Jmy	57748	-2.2	0.006755
1454032_at	neuropilin (NRP) and tolloid (TLL)-like 2	Neto2	74513	-2.2	0.004156
1457054_a_at	RIKEN cDNA D130020L05 gene	D130020L05Rik	319760	-2.2	0.0027799
1420444_at	solute carrier family 22 (organic cation transporter), member 3	Slc22a3	20519	-2.2	0.0037647
1435198_at	predicted gene, 545228	545228	545228	-2.2	0.000877
1457321_at	RIKEN cDNA D130037M23 gene	D130037M23Rik	328330	-2.2	0.0027456
1432143_a_at	high mobility group box transcription factor 1	Hbp1	73389	-2.1	0.0042691
1416482_at	tetratricopeptide repeat domain 3	Ttc3	22129	-2.1	0.0149459
1434777_at	v-myc myelocytomatosis viral oncogene homolog 1, lung carcinoma c	Mycl1	16918	-2.1	0.0006258
1454984_at	leukemia inhibitory factor receptor	Lifr	16880	-2.1	0.0014124
1451754_a_at	WD repeat domain 45	Wdr45	54636	-2.1	0.0021712
1452195_s_at	Sfi1 homolog, spindle assembly associated (yeast)	Sfi1	78887	-2.1	0.0006439
1453141_at	RIKEN cDNA 0610009L18 gene	0610009L18Rik	66838	-2.1	0.0040313
1460367_at	high mobility group box transcription factor 1	Hbp1	73389	-2.1	0.0001071
1444262_at	RIKEN cDNA 1110017F19 gene	1110017F19Rik	68528	-2.1	0.0008633
1447774_x_at	RIKEN cDNA 5730469M10 gene	5730469M10Rik	70564	-2.1	0.0023722
1417758_at	integrin alpha 2b	Itga2b	16399	-2.1	0.0009944
1420537_at	potassium channel tetramerisation domain containing 4	Kctd4	67516	-2.1	0.0044027
1429021_at	Eph receptor A4	Epha4	13838	-2.1	0.0002914
1434156_at	RAB11 family interacting protein 4 (class II)	Rab11fip4	268451	-2.1	0.0015438
1434572_at	histone deacetylase 9	Hdac9	79221	-2.1	0.0006905
1448978_at	neuronal guanine nucleotide exchange factor	Ngef	53972	-2.1	0.0011482
1452397_at	RIKEN cDNA 2810474O19 gene	2810474O19Rik	67246	-2.1	0.0034925
1426911_at	desmocollin 2	Dsc2	13506	-2.1	0.0111401
1451690_a_at	poliovirus receptor-related 4	Pvrl4	71740	-2.1	0.0216349
1451516_at	Ras homolog enriched in brain like 1	Rheb1	69159	-2.1	1.441E-06

1437872_at	N-acyl phosphatidylethanolamine phospholipase D	Napepld	242864	-2.1	0.0052057
1436309_at	neuropilin (NRP) and tolloid (TLL)-like 2	Neto2	74513	-2.1	0.0011652
1456262_at	RNA binding motif protein 5	Rbm5	83486	-2.1	0.0017567
1423659_a_at	TBC1 domain family, member 17	Tbc1d17	233204	-2.1	6.761E-05
1429235_at	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosa	Galnt12	78754	-2.1	0.0033927
1448825_at	pyruvate dehydrogenase kinase, isoenzyme 2	Pdk2	18604	-2.1	0.0006076
1417849_at	zinc finger protein 704	Zfp704	170753	-2.1	0.0015308
1423310_at	trophoblast glycoprotein	Tpbg	21983	-2.1	0.0002565
1452354_at	RIKEN cDNA 2810459M11 gene	2810459M11Rik	72792	-2.1	0.0020231
1421346_a_at	solute carrier family 6 (neurotransmitter transporter, taurine), membe	Slc6a6	21366	-2.1	0.0004118
1420683_at	BCL2/adenovirus E1B 19kD interacting protein like	Bnpl	171388	-2.1	0.007593
1453416_at	growth arrest-specific 2 like 3	Gas2l3	237436	-2.1	0.0043227
1428835_at	myosin, heavy polypeptide 14	Myh14	71960	-2.1	0.0322795
1447818_x_at	Ras homolog enriched in brain like 1	Rheb1	69159	-2.1	0.00048
1435703_at	similar to RIKEN cDNA 2810457I06	LOC677224	677224	-2.1	0.0008215
1437765_at	cytoplasmic polyadenylation element binding protein 3	Cpeb3	208922	-2.1	0.0040144
1427367_at	EF-hand calcium binding domain 4A	Efcab4a	213573	-2.1	0.0096
1460204_at	tec protein tyrosine kinase	Tec	21682	-2.1	0.000346
1436033_at	cDNA sequence BC031353	BC031353	235493	-2.1	1.896E-06
1434784_s_at	transmembrane protein 106C	Tmem106c	380967	-2.0	0.0005393
1451888_a_at	odd Oz/ten-m homolog 4 (Drosophila)	Odz4	23966	-2.0	0.0061246
1419070_at	cystin 1	Cys1	12879	-2.0	0.0023334
1424034_at	RAR-related orphan receptor alpha	Rora	19883	-2.0	0.0003674
1438628_x_at	contactin 3	Cntn3	18488	-2.0	0.0288382
1439293_at	cDNA sequence BC031353	BC031353	235493	-2.0	0.0004853
1424180_a_at	mediator complex subunit 24	Med24	23989	-2.0	0.0008613
1423422_at	ankyrin repeat and SOCS box-containing 4	Asb4	65255	-2.0	0.0022736
1417028_a_at	tripartite motif-containing 2	Trim2	80890	-2.0	8.315E-05
1442531_at	DNA segment, Chr 12, ERATO Doi 123, expressed	D12Ert123e	52532	-2.0	0.0001771
1437252_at	GATS protein-like 2	Gatsl2	80909	-2.0	0.0059373
1453004_at	solute carrier family 22, member 23	Slc22a23	73102	-2.0	0.0007467
1419056_at	reticulon 2 (Z-band associated protein)	Rtn2	20167	-2.0	0.0007617
1417694_at	growth factor receptor bound protein 2-associated protein 1	Gab1	14388	-2.0	0.0006133
1453313_at	sestrin 3	Sesn3	75747	-2.0	2.888E-05
1426584_a_at	sorbitol dehydrogenase	Sord	20322	-2.0	0.0006376
1453571_at	DEP domain containing 6	Depdc6	97998	-2.0	0.0027452
1437900_at	RIKEN cDNA 4930523C07 gene	4930523C07Rik	67647	-2.0	0.0002118

1433743_at	dachshund 1 (Drosophila)	Dach1	13134	-2.0	0.0007322
1457038_at	Fras1 related extracellular matrix protein 2	Frem2	242022	-2.0	0.0015023
1425767_a_at	sine oculis-related homeobox 4 homolog (Drosophila)	Six4	20474	-2.0	0.0003746
1422941_at	wingless-related MMTV integration site 16	Wnt16	93735	-2.0	0.0003967
1435657_at	stonin 2	Ston2	108800	-2.0	0.0011544
1435993_at	predicted gene, OTTMUSG00000000421	OTTMUSG0000	544922	-2.0	0.0105036
1422178_a_at	RAB17, member RAS oncogene family	Rab17	19329	-2.0	0.0024568
1416923_a_at	BCL2/adenovirus E1B interacting protein 3-like	Bnip3l	12177	-2.0	3.336E-05
1420518_a_at	immunoglobulin superfamily, member 9	Igsf9	93842	-2.0	0.0089861
1417814_at	phospholipase A2, group V	Pla2g5	18784	-2.0	0.0004353
1452861_at	RIKEN cDNA 2010300C02 gene	2010300C02Rik	72097	-2.0	0.006481
1433668_at	proline-rich nuclear receptor coactivator 1	Pnrc1	108767	-2.0	0.0004445
1455242_at	forkhead box P1	Foxp1	108655	-2.0	0.0003988
1437667_a_at	BTB and CNC homology 2	Bach2	12014	-2.0	0.0006984
1429779_at	eukaryotic translation initiation factor 2C, 4	Eif2c4	76850	-2.0	0.0021419
1459860_x_at	tripartite motif-containing 2	Trim2	80890	-2.0	0.0007377
1451418_a_at	splA/ryanodine receptor domain and SOCS box containing 4	Spsb4	211949	-2.0	0.0369229
1417343_at	FXD domain-containing ion transport regulator 6	Fxd6	59095	-2.0	0.0027293
1423893_x_at	amyloid beta (A4) precursor protein-binding, family B, member 1	Apbb1	11785	-2.0	0.0018917
1438012_at	protein phosphatase 1 (formerly 2C)-like	Ppm1l	242083	-2.0	0.0054272
1419140_at	activin receptor IIB	Acvr2b	11481	-2.0	0.0007024
1449878_a_at	solute carrier family 12, member 6	Slc12a6	107723	-2.0	0.0072881
1438069_a_at	RNA binding motif protein 5	Rbm5	83486	-2.0	0.0007613
1434628_a_at	rhopilin, Rho GTPase binding protein 2	Rhpn2	52428	-2.0	0.003449
1421140_a_at	forkhead box P1	Foxp1	108655	-2.0	0.0001138
1436591_at	cDNA sequence BC023744	BC023744	231668	-2.0	0.001453
1448379_at	protection of telomeres 1A	Pot1a	101185	-2.0	2.431E-05
1418280_at	Kruppel-like factor 6	Klf6	23849	-2.0	0.0009523
1426565_at	insulin-like growth factor I receptor	Igf1r	16001	-2.0	0.0005114
1452360_a_at	lysine (K)-specific demethylase 5A	Kdm5a	214899	-2.0	0.0075585
1436326_at	RAR-related orphan receptor alpha	Rora	19883	-2.0	0.0191084
1418311_at	fructosamine 3 kinase	Fn3k	63828	-2.0	0.0011666
1424072_at	RIKEN cDNA 2010107G23 gene	2010107G23Rik	69894	-2.0	0.001073
1428988_at	ATP-binding cassette, sub-family C (CFTR/MRP), member 3	Abcc3	76408	-2.0	0.0050836
1419457_at	Rho-guanine nucleotide exchange factor	Rgnef	110596	-2.0	0.00012
1435207_at	DIX domain containing 1	Dixdc1	330938	-2.0	0.0007823
1427633_a_at	pregnancy-associated plasma protein A	Pappa	18491	-2.0	0.0338248

1452507_at	distal-less homeobox 6	Dlx6	13396	-2.0	0.0061251
1417377_at	cell adhesion molecule 1	Cadm1	54725	-2.0	0.0009113
1456478_at	phosphoglucomutase 2-like 1	Pgm2l1	70974	-2.0	0.0002398
1417839_at	claudin 5	Cldn5	12741	-2.0	0.0014728
1431805_a_at	rhophilin, Rho GTPase binding protein 2	Rhpn2	52428	-1.9	0.0046261
1452336_at	zinc finger protein 395	Zfp395	380912	-1.9	0.0019512
1434171_at	RIKEN cDNA C330011K17 gene	C330011K17Rik	238692	-1.9	0.0040737
1418051_at	Eph receptor B6	Ephb6	13848	-1.9	0.0094239
1417376_a_at	cell adhesion molecule 1	Cadm1	54725	-1.9	0.0007737
1452935_at	predicted gene, EG546143	EG546143	546143	-1.9	0.0028641
1427307_a_at	disabled homolog 1 (Drosophila)	Dab1	13131	-1.9	0.0045914
1441213_at	cDNA sequence BC021891	BC021891	234878	-1.9	0.0100582
1424187_at	coiled-coil domain containing 80	Ccdc80	67896	-1.9	5.09E-05
1431204_at	RIKEN cDNA 4930578N16 gene	4930578N16Rik	75051	-1.9	0.0088872
1421955_a_at	neural precursor cell expressed, developmentally down-regulated 4	Nedd4	17999	-1.9	0.0261311
1418018_at	carboxypeptidase D	Cpd	12874	-1.9	0.0236211
1435991_at	nuclear receptor subfamily 3, group C, member 2	Nr3c2	110784	-1.9	0.0041296
1436736_x_at	DNA segment, human D4S114	D0H4S114	27528	-1.9	0.001081
1437668_at	Chemokine (C-C motif) receptor-like 1 (Ccr1), mRNA	Ccr1	252837	-1.9	0.0039451
1438677_at	plakophilin 4	Pkp4	227937	-1.9	0.0006242
1445418_at	Smg-6 homolog, nonsense mediated mRNA decay factor (C. elegans)	Smg6	103677	-1.9	0.0090583
1447901_x_at	Sfi1 homolog, spindle assembly associated (yeast)	Sfi1	78887	-1.9	0.0006213
1428066_at	coiled-coil domain containing 120	Ccdc120	54648	-1.9	0.0044851
1419906_at	Hydroxyprostaglandin dehydrogenase 15 (NAD), mRNA (cDNA clone)	Hpgd	15446	-1.9	0.0016531
1451793_at	kelch-like 24 (Drosophila)	Klhl24	75785	-1.9	0.0009402
1418260_at	hormonally upregulated Neu-associated kinase	Hunk	26559	-1.9	0.0010028
1456005_a_at	BCL2-like 11 (apoptosis facilitator)	Bcl2l11	12125	-1.9	0.0002071
1460163_at	C1q and tumor necrosis factor related protein 7	C1qtnf7	109323	-1.9	0.0012922
1455227_at	arylacetamide deacetylase-like 1	Aadacl1	320024	-1.9	0.0009
1429679_at	leucine rich repeat containing 17	Lrrc17	74511	-1.9	0.0013255
1450337_a_at	NIMA (never in mitosis gene a)-related expressed kinase 8	Nek8	140859	-1.9	0.0084964
1420481_at	cyclin M3	Cnm3	94218	-1.9	0.000812
1440787_s_at	Bardet-Biedl syndrome 10 (human)	Bbs10	71769	-1.9	0.0054698
1449734_s_at	Bardet-Biedl syndrome 4 (human)	Bbs4	102774	-1.9	0.0003095
1435296_at	adrenergic receptor, alpha 2c	Adra2c	11553	-1.9	0.0016001
1416315_at	abhydrolase domain containing 4	Abhd4	105501	-1.9	0.0001797
1438937_x_at	angiogenin, ribonuclease, RNase A family, 5	Ang	11727	-1.9	0.0053569

1451650_at	D-aspartate oxidase	Ddo	70503	-1.9	0.0370814
1417214_at	RAB27b, member RAS oncogene family	Rab27b	80718	-1.9	0.0230896
1450967_at	protein tyrosine phosphatase-like A domain containing 2	Ptplad2	66775	-1.9	0.0030338
1439096_at	D-aspartate oxidase	Ddo	70503	-1.9	0.0050634
1417520_at	nuclear factor, erythroid derived 2, like 3	Nfe2l3	18025	-1.9	0.0023584
1449370_at	SRY-box containing gene 4	Sox4	20677	-1.9	0.0062962
1417848_at	zinc finger protein 704	Zfp704	170753	-1.9	0.0009922
1450151_at	zinc finger protein 316	Zfp316	54201	-1.9	0.0014011
1449167_at	erythrocyte protein band 4.1-like 4a	Epb4.1l4a	13824	-1.9	0.0009722
1419759_at	ATP-binding cassette, sub-family B (MDR/TAP), member 1A	Abcb1a	18671	-1.9	0.0004421
1451527_at	procollagen C-endopeptidase enhancer 2	Pcolce2	76477	-1.9	0.0084286
1436187_at	RIKEN cDNA 1110054M08 gene	1110054M08Rik	68841	-1.9	0.0044468
1457827_at	arylsulfatase J	Arsj	271970	-1.9	0.0059919
1452716_at	RIKEN cDNA 5730469M10 gene	5730469M10Rik	70564	-1.9	0.00095
1418045_at	inositol polyphosphate-1-phosphatase	Inpp1	16329	-1.9	0.0006871
1457915_at	RIKEN cDNA 4833442J19 gene	4833442J19Rik	320204	-1.9	3.617E-05
1437657_at	S phase cyclin A-associated protein in the ER	Scaper	244891	-1.9	0.0014911
1455794_at	smoothelin-like 2	Smtnl2	276829	-1.9	0.0009455
1451103_at	HAUS augmin-like complex, subunit 4	Haus4	219072	-1.9	0.0006565
1449509_at	small EDRK-rich factor 1	Serf1	20365	-1.9	0.0336364
1448525_a_at	BCL2/adenovirus E1B interacting protein 3-like	Bnip3l	12177	-1.9	0.0004714
1417378_at	cell adhesion molecule 1	Cadm1	54725	-1.9	0.0002149
1419639_at	ephrin B2	Efnb2	13642	-1.9	0.000702
1454803_a_at	histone deacetylase 11	Hdac11	232232	-1.9	0.0009484
1417812_a_at	laminin, beta 3	Lamb3	16780	-1.9	0.0493547
1436515_at	BTB and CNC homology 2	Bach2	12014	-1.9	4.4E-06
1419133_at	envoplakin	Evpl	14027	-1.9	0.0095843
1418607_at	zinc finger with KRAB and SCAN domains 14	Zkscan14	67235	-1.9	0.0006446
1427357_at	cytidine deaminase	Cda	72269	-1.9	0.0050322
1435494_s_at	desmoplakin	Dsp	109620	-1.9	0.0048715
1439022_at	phosphatase and actin regulator 1	Phactr1	218194	-1.9	0.0019391
1437633_at	ankyrin repeat domain 11	Ankrd11	77087	-1.9	0.0006048
1427180_at	solute carrier family 27 (fatty acid transporter), member 3	Slc27a3	26568	-1.9	0.0007911
1455450_at	protein tyrosine phosphatase, non-receptor type 3	Ptpn3	545622	-1.9	0.000225
1429503_at	family with sequence similarity 69, member A	Fam69a	67266	-1.9	0.0004099
1416922_a_at	BCL2/adenovirus E1B interacting protein 3-like	Bnip3l	12177	-1.9	6.187E-05
1416418_at	gamma-aminobutyric acid (GABA) A receptor-associated protein-like	Gabarapl1	57436	-1.9	0.0019804

1451589_at	GATS protein-like 2	Gatsl2	80909	-1.9	0.0009045
1456481_at	family with sequence similarity 62, member C	Fam62c	272636	-1.9	0.0035161
1429727_at	solute carrier family 16 (monocarboxylic acid transporters), member 9	Slc16a9	66859	-1.9	0.000867
1418762_at	CD55 antigen	Cd55	13136	-1.9	0.0029554
1431892_a_at	phospholipase C, delta 3	Plcd3	72469	-1.9	0.0011849
1437241_at	Kruppel-like factor 11	Klf11	194655	-1.9	0.0330361
1426566_s_at	interleukin 17 receptor E	Il17re	57890	-1.9	0.0019185
1427182_s_at	DNA segment, Chr 18, ERATO Doi 653, expressed	D18Ertdd653e	52662	-1.9	0.0034044
1439884_at	nudix (nucleoside diphosphate linked moiety X)-type motif 16	Nudt16	75686	-1.9	0.0007514
1426263_at	cell adhesion molecule 4	Cadm4	260299	-1.9	0.0077861
1427202_at	RIKEN cDNA 4833442J19 gene	4833442J19Rik	320204	-1.9	0.0001618
1426464_at	nuclear receptor subfamily 1, group D, member 1	Nr1d1	217166	-1.9	0.0015602
1455607_at	R-spondin 3 homolog (<i>Xenopus laevis</i>)	Rspo3	72780	-1.9	0.0042211
1428758_at	transmembrane protein 86A	Tmem86a	67893	-1.9	0.0006401
1453377_at	SH2 domain containing 4A	Sh2d4a	72281	-1.9	0.0199726
1419156_at	SRY-box containing gene 4	Sox4	20677	-1.9	0.0039247
1421048_a_at	yippee-like 1 (<i>Drosophila</i>)	Ypel1	106369	-1.9	0.0075511
1423311_s_at	trophoblast glycoprotein	Tpbp	21983	-1.9	0.0001743
1451991_at	Eph receptor A7	Epha7	13841	-1.9	0.0031806
1427155_at	FCH and double SH3 domains 1	Fchsd1	319262	-1.9	0.0062516
1453645_at	RIKEN cDNA 2700046A07 gene	2700046A07Rik	78449	-1.8	0.0028871
1436990_s_at	coiled-coil-helix-coiled-coil-helix domain containing 10	Chchd10	103172	-1.8	0.0013784
1442119_at	expressed sequence AI449212	AI449212	100653	-1.8	0.0013336
1439689_at	RIKEN cDNA 9030224M15 gene	9030224M15Rik	327747	-1.8	0.003489
1434530_at	odd Oz/ten-m homolog 4 (<i>Drosophila</i>)	Odz4	23966	-1.8	0.0077592
1431754_at	RIKEN cDNA 4930578N16 gene	4930578N16Rik	75051	-1.8	0.0097988
1424433_at	methionine sulfoxide reductase B2	Msrb2	76467	-1.8	0.0005262
1425732_a_at	Max interacting protein 1	Mxi1	17859	-1.8	0.0020902
1428523_at	latrophilin 3	Lphn3	319387	-1.8	0.00746
1453103_at	actin-binding LIM protein 1	Ablim1	226251	-1.8	0.0009036
1435222_at	forkhead box P1	Foxp1	108655	-1.8	0.0006151
1421034_a_at	interleukin 4 receptor, alpha	Il4ra	16190	-1.8	7.957E-05
1434101_at	nuclear factor I/B	Nfib	18028	-1.8	0.0009265
1448509_at	family with sequence similarity 107, member B	Fam107b	66540	-1.8	0.0012153
1429089_s_at	RIKEN cDNA 2900026A02 gene	2900026A02Rik	243219	-1.8	0.0001089
1428375_at	RIKEN cDNA 4932415G12 gene	4932415G12Rik	67723	-1.8	0.0074722
1451229_at	histone deacetylase 11	Hdac11	232232	-1.8	0.0041743

1418713_at	pterin 4 alpha carbinolamine dehydratase/dimerization cofactor of he	Pcbd1	13180	-1.8	0.027298
1447551_x_at	latrophilin 3	Lphn3	319387	-1.8	0.0045968
1452358_at	retinoic acid induced 2	Rai2	24004	-1.8	0.0054715
1435221_at	forkhead box P1	Foxp1	108655	-1.8	5.09E-05
1424598_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 6	Ddx6	13209	-1.8	0.0081998
1417995_at	protein tyrosine phosphatase, non-receptor type 22 (lymphoid)	Ptpn22	19260	-1.8	0.0027838
1417248_at	ralA binding protein 1	Ralbp1	19765	-1.8	0.0001809
1433720_s_at	coiled-coil-helix-coiled-coil-helix domain containing 10	Chchd10	103172	-1.8	0.0014191
1426818_at	arrestin domain containing 4	Arrdc4	66412	-1.8	0.0131091
1451764_at	MARVEL (membrane-associating) domain containing 3	Marveld3	73608	-1.8	0.0071536
1449911_at	lymphocyte-activation gene 3	Lag3	16768	-1.8	0.0018202
1448147_at	tumor necrosis factor receptor superfamily, member 19	Tnfrsf19	29820	-1.8	0.0001274
1438699_at	steroid 5 alpha-reductase 1	Srd5a1	78925	-1.8	0.0068494
1426165_a_at	caspase 3	Casp3	12367	-1.8	0.0043842
1426780_at	DNA segment, Chr 14, ERATO Doi 436, expressed	D14Ert436e	218978	-1.8	0.0003979
1450861_at	Fanconi anemia, complementation group C	Fancc	14088	-1.8	0.005766
1435493_at	desmoplakin	Dsp	109620	-1.8	0.0015142
1430543_at	CAP-GLY domain containing linker protein 3	Clip3	76686	-1.8	0.0061521
1443579_s_at	DEP domain containing 6	Depdc6	97998	-1.8	0.0042952
1455993_at	odd Oz/ten-m homolog 4 (Drosophila)	Odz4	23966	-1.8	0.0037273
1443640_at	Zinc finger protein 617 (Zfp617), mRNA	Zfp617	170938	-1.8	0.006259
1423672_at	tetratricopeptide repeat domain 30B	Ttc30b	72421	-1.8	1.724E-05
1421011_at	hydroxysteroid (17-beta) dehydrogenase 11	Hsd17b11	114664	-1.8	0.0014145
1435321_at	LIM and calponin homology domains 1	Limch1	77569	-1.8	0.0001988
1418174_at	D site albumin promoter binding protein	Dbp	13170	-1.8	0.0052968
1434130_at	lipoma HMGIC fusion partner-like 2	Lhfpl2	218454	-1.8	0.0001505
1434581_at	RIKEN cDNA 2410066E13 gene	2410066E13Rik	68235	-1.8	0.0006507
1460440_at	latrophilin 3	Lphn3	319387	-1.8	0.0406616
1435171_at	RIKEN cDNA 2810416G20 gene	2810416G20Rik	100040353	-1.8	0.0087946
1428622_at	DEP domain containing 6	Depdc6	97998	-1.8	0.0059781
1435184_at	natriuretic peptide receptor 3	Npr3	18162	-1.8	0.0018525
1432590_at	RIKEN cDNA 4930573O21 gene	4930573O21Rik	114670	-1.8	0.0042252
1434501_at	yippee-like 4 (Drosophila)	Ypel4	241525	-1.8	8.723E-05
1418449_at	ladinin	Lad1	16763	-1.8	0.0067016
1428936_at	ATPase, Ca++ transporting, plasma membrane 1	Atp2b1	67972	-1.8	0.0077869
1439527_at	progesterone receptor	Pgr	18667	-1.8	0.0011623
1423892_at	amyloid beta (A4) precursor protein-binding, family B, member 1	Apbb1	11785	-1.8	0.0042175

1418102_at	hairy and enhancer of split 1 (Drosophila)	Hes1	15205	-1.8	0.0056397
1428267_at	DEAH (Asp-Glu-Ala-His) box polypeptide 40	Dhx40	67487	-1.8	0.0001022
1422748_at	zinc finger E-box binding homeobox 2	Zeb2	24136	-1.8	0.0004008
1420482_at	cyclin M3	Cnm3	94218	-1.8	0.0036003
1425526_a_at	paired related homeobox 1	Prrx1	18933	-1.8	0.0061606
1442800_x_at	family with sequence similarity 181, member B	Fam181b	58238	-1.8	0.0001649
1441727_s_at	zinc finger protein 467	Zfp467	68910	-1.8	0.0053666
1455992_at	vestigial like 4 (Drosophila)	Vgll4	232334	-1.8	0.0013749
1437128_a_at	RIKEN cDNA A630033E08 gene	A630033E08Rik	240041	-1.8	0.0006664
1419564_at	zinc finger protein 467	Zfp467	68910	-1.8	0.0063259
1451019_at	cathepsin F	Ctsf	56464	-1.8	4.705E-05
1435499_at	leucine zipper-EF-hand containing transmembrane protein 2	Letm2	270035	-1.8	0.0003171
1456420_at	AT rich interactive domain 4A (RBP1-like)	Arid4a	238247	-1.8	0.0044439
1453255_at	solute carrier family 43, member 1	Slc43a1	72401	-1.8	0.0250506
1448870_at	latent transforming growth factor beta binding protein 1	Ltbp1	268977	-1.8	0.0002622
1444632_at	cDNA sequence BC064078	BC064078	408064	-1.8	0.0269677
1420947_at	alpha thalassemia/mental retardation syndrome X-linked homolog (h	Atrx	22589	-1.8	0.0087612
1436325_at	RAR-related orphan receptor alpha	Rora	19883	-1.8	0.0047597
1426516_a_at	lipin 1	Lpin1	14245	-1.8	0.0196658
1435553_at	PDZ domain containing 2	Pdzd2	68070	-1.8	0.0001679
1451348_at	DEP domain containing 6	Depdc6	97998	-1.8	0.0033588
1424450_at	G protein-coupled receptor, family C, group 5, member C	Gprc5c	70355	-1.8	0.0059618
1448005_at	SAM and SH3 domain containing 1	Sash1	70097	-1.8	0.0003601
1419638_at	ephrin B2	Efnb2	13642	-1.8	0.0017725
1441867_x_at	RIKEN cDNA 4930534B04 gene	4930534B04Rik	75216	-1.8	0.0068876
1443485_at	Eph receptor A7	Epha7	13841	-1.8	0.0118483
1418288_at	lipin 1	Lpin1	14245	-1.8	0.0092812
1418356_at	mercaptopyruvate sulfurtransferase	Mpst	246221	-1.8	0.0014689
1431220_at	RIKEN cDNA 2810416G20 gene	2810416G20Rik	100040353	-1.8	0.012958
1417904_at	DNA cross-link repair 1A, PSO2 homolog (S. cerevisiae)	Dclre1a	55947	-1.8	0.0004045
1424917_a_at	WD repeat domain, phosphoinositide interacting 1	Wipi1	52639	-1.8	0.0005849
1418917_at	heme binding protein 2	Hebp2	56016	-1.8	0.003368
1427008_at	ring finger protein 43	Rnf43	207742	-1.8	0.0029563
1424549_at	degenerative spermatocyte homolog 2 (Drosophila), lipid desaturase	Degs2	70059	-1.8	0.0040066
1458439_a_at	DAZ interacting protein 3, zinc finger	Dzip3	224170	-1.8	0.0027779
1419758_at	ATP-binding cassette, sub-family B (MDR/TAP), member 1A	Abcb1a	18671	-1.8	0.0010936
1434151_at	methyltransferase like 7A1	Mettl7a1	70152	-1.8	0.0005696

1428895_at	raftlin family member 2	Rftn2	74013	-1.8	0.0006849
1421065_at	Janus kinase 2	Jak2	16452	-1.8	0.0041167
1436458_at	sema domain, transmembrane domain (TM), and cytoplasmic domain	Sema6a	20358	-1.8	0.000858
1433687_at	expressed sequence AI662250	AI662250	106639	-1.8	0.0028589
1428801_at	mannoside acetylglucosaminyltransferase 3	Mgat3	17309	-1.8	0.0001037
1456609_at	calcium/calmodulin-dependent protein kinase II inhibitor 1	Camk2n1	66259	-1.8	0.0006631
1426528_at	neuropilin 2	Nrp2	18187	-1.8	3.414E-06
1417654_at	syndecan 4	Sdc4	20971	-1.8	0.0004478
1449292_at	RB1-inducible coiled-coil 1	Rb1cc1	12421	-1.8	0.0088149
1416332_at	cold inducible RNA binding protein	Cirbp	12696	-1.8	0.0072672
1447643_x_at	snail homolog 2 (Drosophila)	Snai2	20583	-1.8	0.0071328
1452982_at	insulin-like growth factor I receptor	Igf1r	16001	-1.8	0.0003966
1455425_at	expressed sequence BB001228	BB001228	103503	-1.8	0.0003747
1428809_at	RIKEN cDNA 1810010H24 gene	1810010H24Rik	69066	-1.8	0.0030276
1423375_at	RIKEN cDNA 1700023B02 gene	1700023B02Rik	66935	-1.8	0.0004443
1416301_a_at	early B-cell factor 1	Ebf1	13591	-1.7	0.0034784
1416101_a_at	histone cluster 1, H1c	Hist1h1c	50708	-1.7	0.0019769
1416419_s_at	gamma-aminobutyric acid (GABA) A receptor-associated protein-like	Gabarapl1	57436	-1.7	0.0004741
1448551_a_at	tripartite motif-containing 2	Trim2	80890	-1.7	0.0016585
1435829_at	zinc finger, matrin type 1	Zmat1	215693	-1.7	0.0022355
1427231_at	roundabout homolog 1 (Drosophila)	Robo1	19876	-1.7	0.0023604
1437473_at	avian musculoaponeurotic fibrosarcoma (v-maf) AS42 oncogene homolog	Maf	17132	-1.7	0.0013456
1443406_at	phospholipid scramblase 4	Plscr4	235527	-1.7	0.0093679
1426603_at	ribonuclease L (2', 5'-oligoadenylate synthetase-dependent)	Rnasel	24014	-1.7	0.0081368
1429071_at	malic enzyme 3, NADP(+)-dependent, mitochondrial	Me3	109264	-1.7	0.0307352
1446095_at	antisense Igf2r RNA	Airn	104103	-1.7	0.0031136
1428701_at	poliovirus receptor-related 4	Pvrl4	71740	-1.7	0.0030298
1418320_at	protease, serine, 8 (prostasin)	Prss8	76560	-1.7	0.0051894
1438936_s_at	angiogenin, ribonuclease, RNase A family, 5	Ang	11727	-1.7	0.0060781
1437002_at	family with sequence similarity 73, member A	Fam73a	215708	-1.7	0.0042946
1430527_a_at	ring finger protein 167	Rnf167	70510	-1.7	0.000594
1425272_at	epithelial membrane protein 2	Emp2	13731	-1.7	0.0061263
1438321_x_at	family with sequence similarity 63, member A	Fam63a	75007	-1.7	0.0008122
1452946_a_at	raftlin family member 2	Rftn2	74013	-1.7	0.002143
1417174_at	transmembrane protein 218	Tmem218	66279	-1.7	0.0017716
1439962_at	RIKEN cDNA 2310010J17 gene	2310010J17Rik	78329	-1.7	0.009918
1437303_at	interleukin 6 signal transducer	Il6st	16195	-1.7	0.0090338

1452588_at	zinc finger protein 688	Zfp688	69234	-1.7	0.0036459
1439503_at	zinc finger protein 28	Zfp28	22690	-1.7	0.009391
1416895_at	ephrin A1	Efna1	13636	-1.7	0.0026999
1452890_at	tubulin tyrosine ligase-like family, member 5	Ttll5	320244	-1.7	0.001493
1429595_at	RIKEN cDNA 2700049A03 gene	2700049A03Rik	76967	-1.7	0.0039129
1428967_at	insulin-like growth factor I receptor	Igf1r	16001	-1.7	0.0056559
1435338_at	cyclin-dependent kinase 6	Cdk6	12571	-1.7	9.981E-05
1425558_at	kinesin light chain 3	Klc3	232943	-1.7	0.0038149
1449023_a_at	enhancer of zeste homolog 1 (Drosophila)	Ezh1	14055	-1.7	9.432E-05
1438348_x_at	cysteine conjugate-beta lyase 1	Ccbl1	70266	-1.7	0.0022426
1421142_s_at	forkhead box P1	Foxp1	108655	-1.7	0.0003923
1428513_at	calcium binding and coiled coil domain 1	Calcoco1	67488	-1.7	0.0012596
1438799_at	Dlx6 opposite strand transcript 1	Dlx6os1	320038	-1.7	0.0047236
1437462_x_at	matrix metalloproteinase 15	Mmp15	17388	-1.7	0.0166159
1417392_a_at	solute carrier family 7 (cationic amino acid transporter, y+ system), member 7	Slc7a7	20540	-1.7	0.0001841
1451529_at	small glutamine-rich tetratricopeptide repeat (TPR)-containing, beta class member 1	Sgtb	218544	-1.7	0.0067631
1455031_at	cell division cycle 2-like 6 (CDK8-like)	Cdc2l6	78334	-1.7	0.0006953
1434374_at	family with sequence similarity 168, member A	Fam168a	319604	-1.7	0.0061009
1436365_at	zinc finger and BTB domain containing 7C	Zbtb7c	207259	-1.7	0.0022361
1438255_at	forkhead box N3	Foxn3	71375	-1.7	0.008485
1416488_at	cyclin G2	Ccng2	12452	-1.7	8.397E-05
1452961_at	RIKEN cDNA 1200009O22 gene	1200009O22Rik	66873	-1.7	0.0020103
1449813_at	zinc finger protein 30	Zfp30	22693	-1.7	0.0004875
1434129_s_at	lipoma HMGIC fusion partner-like 2	Lhfpl2	218454	-1.7	0.0009042
1438758_at	acireductone dioxygenase 1	Adi1	104923	-1.7	0.0019914
1417826_at	aldo-keto reductase family 1, member E1	Akr1e1	56043	-1.7	0.0027237
1428120_at	F-box and WD-40 domain protein 9	Fbxw9	68628	-1.7	0.0006894
1454902_at	protein kinase C, zeta	Prkcz	18762	-1.7	0.0017483
1447886_at	RIKEN cDNA 0610040B09 gene	0610040B09Rik	75395	-1.7	0.0009598
1423655_a_at	RIKEN cDNA 1500010J02 gene	1500010J02Rik	68964	-1.7	0.0041848
1440455_at	calcium/calmodulin-dependent protein kinase II inhibitor 1	Camk2n1	66259	-1.7	0.0010923
1429150_at	coiled-coil domain containing 77	Ccdc77	67200	-1.7	0.0002513
1436596_at	H2A histone family, member V	H2afv	77605	-1.7	0.003434
1416892_s_at	family with sequence similarity 107, member B	Fam107b	66540	-1.7	0.0001368
1455011_at	StAR-related lipid transfer (START) domain containing 4	Stard4	170459	-1.7	0.0006946
1448979_at	muted	Muted	17828	-1.7	0.0032391
1422324_a_at	parathyroid hormone-like peptide	Pthlh	19227	-1.7	0.0008388

1456351_at	bromodomain containing 8	Brd8	78656	-1.7	0.0018766
1427964_at	CKLF-like MARVEL transmembrane domain containing 8	Cmtm8	70031	-1.7	0.0034299
1419773_at	aprataxin and PNKP like factor	Aplf	72103	-1.7	0.0040624
1428743_at	Bri3 binding protein	Bri3bp	76809	-1.7	0.0004114
1437106_at	lysine (K)-specific demethylase 5A	Kdm5a	214899	-1.7	0.0020593
1437150_at	family with sequence similarity 110, member B	Fam110b	242297	-1.7	0.0072595
1422914_at	trans-acting transcription factor 5	Sp5	64406	-1.7	0.0014638
1436121_a_at	non-SMC element 1 homolog (<i>S. cerevisiae</i>)	Nsmce1	67711	-1.7	0.0002681
1455558_at	non-protein coding RNA 153	Ncrna00153	228730	-1.7	0.0005236
1434783_at	transmembrane protein 106C	Tmem106c	380967	-1.7	0.0076896
1435591_at	expressed sequence AI426330	AI426330	101563	-1.7	3.673E-05
1443867_at	ankyrin repeat domain 12	Ankrd12	106585	-1.7	0.0030458
1457682_at	RIKEN cDNA 9030420J04 gene	9030420J04Rik	71544	-1.7	9.52E-05
1455799_at	RAR-related orphan receptor beta	Rorb	225998	-1.7	0.0035186
1451332_at	zinc finger protein 521	Zfp521	225207	-1.7	0.000104
1439066_at	angiopoietin 1	Angpt1	11600	-1.7	0.0050748
1436994_a_at	histone cluster 1, H1c	Hist1h1c	50708	-1.7	0.0017615
1423974_at	nuclear mitotic apparatus protein 1	Numa1	101706	-1.7	0.0001811
1429427_s_at	transcription factor 7-like 2, T-cell specific, HMG-box	Tcf7l2	21416	-1.7	0.0002242
1423180_at	potassium voltage gated channel, Shab-related subfamily, member 1	Kcnb1	16500	-1.7	0.0001921
1420841_at	protein tyrosine phosphatase, receptor type, F	Ptpnf	19268	-1.7	0.0062403
1421141_a_at	forkhead box P1	Foxp1	108655	-1.7	9.878E-05
1419356_at	Kruppel-like factor 7 (ubiquitous)	Klf7	93691	-1.7	0.0072292
1451809_s_at	RWD domain containing 3	Rwdd3	73170	-1.7	0.001833
1450686_at	paraoxonase 2	Pon2	330260	-1.7	0.0011944
1440048_at	SWI/SNF related, matrix associated, actin dependent regulator of chromatin	Smarca5	93762	-1.7	0.0010669
1449579_at	Sh3 domain YSC-like 1	Sh3yl1	24057	-1.7	0.0005468
1455075_at	phosphatidylinositol glycan anchor biosynthesis, class V	Pigv	230801	-1.7	0.0010141
1453102_at	fibronectin leucine rich transmembrane protein 3	Flrt3	71436	-1.7	0.0015697
1443906_at	CD55 antigen	Cd55	13136	-1.7	0.0015732
1418440_at	collagen, type VIII, alpha 1	Col8a1	12837	-1.7	0.0039757
1422904_at	flavin containing monooxygenase 2	Fmo2	55990	-1.7	0.0011428
1454858_x_at	methyltransferase like 7A1	Mettl7a1	70152	-1.7	0.0002631
1422982_at	androgen receptor	Ar	11835	-1.7	0.0060503
1450355_a_at	capping protein (actin filament), gelsolin-like	Capg	12332	-1.7	0.0035476
1427386_at	Rho guanine nucleotide exchange factor (GEF) 16	Arhgef16	230972	-1.7	0.0020804
1421106_at	jagged 1	Jag1	16449	-1.7	0.0015436

1426047_a_at	protein tyrosine phosphatase, receptor type, R	Ptprr	19279	-1.7	0.0046828
1420843_at	protein tyrosine phosphatase, receptor type, F	Ptprf	19268	-1.7	0.0012068
1455627_at	collagen, type VIII, alpha 1	Col8a1	12837	-1.7	0.0136219
1416844_at	protein arginine N-methyltransferase 2	Prmt2	15468	-1.7	0.0011555
1429137_at	RIKEN cDNA 2810422O20 gene	2810422O20Rik	69962	-1.7	0.0023633
1438079_at	cDNA sequence BC050078	BC050078	237775	-1.7	0.0029091
1453168_at	RIKEN cDNA 1700029J07 gene	1700029J07Rik	69479	-1.7	0.0075846
1424850_at	mitogen-activated protein kinase kinase kinase 1	Map3k1	26401	-1.7	2.015E-05
1434277_a_at	yippee-like 2 (Drosophila)	Ypel2	77864	-1.7	0.0008177
1436533_at	TROVE domain family, member 2	Trove2	20822	-1.7	0.0090414
1417164_at	dual specificity phosphatase 10	Dusp10	63953	-1.7	0.0090382
1435704_at	RIKEN cDNA C920006O11 gene	C920006O11Rik	320295	-1.7	0.0029444
1415995_at	caspase 6	Casp6	12368	-1.7	0.0009937
1417027_at	tripartite motif-containing 2	Trim2	80890	-1.7	1.74E-06
1415877_at	dihydropyrimidinase-like 3	Dpysl3	22240	-1.7	0.0016786
1443932_at	kelch domain containing 1	Klhdc1	271005	-1.7	0.0012103
1426539_at	ubiquitin specific peptidase 11	Usp11	236733	-1.7	0.0005629
1423499_at	synuclein, alpha interacting protein (synphilin)	Sncap	67847	-1.7	0.001639
1429551_at	RIKEN cDNA 4930579G22 gene	4930579G22Rik	69034	-1.7	0.003907
1422905_s_at	flavin containing monooxygenase 2	Fmo2	55990	-1.7	0.0094341
1416483_at	tetratricopeptide repeat domain 3	Ttc3	22129	-1.7	0.0007555
1430681_at	crystallin, lambda 1	Cryl1	68631	-1.7	0.0005674
1435256_at	CAP-GLY domain containing linker protein 3	Clip3	76686	-1.7	0.0010975
1427465_at	ATPase, Na ⁺ /K ⁺ transporting, alpha 2 polypeptide	Atp1a2	98660	-1.7	0.0028674
1434283_at	similar to modulator recognition factor 2	LOC100044968	100044968	-1.7	0.0008185
1452269_at	spectrin beta 3	Spnb3	20743	-1.7	0.0005478
1428443_a_at	Rap1 GTPase-activating protein	Rap1gap	110351	-1.7	0.0106656
1455316_x_at	cDNA sequence BC094435	BC094435	639390	-1.7	0.0044289
1438061_at	RIKEN cDNA 4930523C07 gene	4930523C07Rik	67647	-1.7	0.0003686
1434291_a_at	small EDRK-rich factor 1	Serf1	20365	-1.7	0.0041358
1452123_s_at	FERM domain containing 4B	Frmd4b	232288	-1.7	0.009669
1417071_s_at	cytochrome P450, family 4, subfamily v, polypeptide 3	Cyp4v3	102294	-1.7	0.0068132
1436827_at	family with sequence similarity 59, member A	Fam59a	381126	-1.7	3.046E-05
1440096_at	extracellular matrix protein 2, female organ and adipocyte specific	Ecm2	407800	-1.7	0.0007371
1437234_x_at	protein arginine N-methyltransferase 2	Prmt2	15468	-1.7	0.002587
1439787_at	purinergic receptor P2X, ligand-gated ion channel, 7	P2rx7	18439	-1.7	0.0001953
1434186_at	lysophosphatidic acid receptor 4	Lpar4	78134	-1.7	0.0016845

1424755_at	huntingtin interacting protein 1	Hip1	215114	-1.7	0.0091062
1417070_at	cytochrome P450, family 4, subfamily v, polypeptide 3	Cyp4v3	102294	-1.7	0.0001363
1427343_at	RASD family, member 2	Rasd2	75141	-1.7	0.0091722
1438231_at	forkhead box P2	Foxp2	114142	-1.7	0.0124629
1449839_at	caspase 3	Casp3	12367	-1.7	0.0040188
1455533_at	family with sequence similarity 113, member A	Fam113a	319513	-1.7	0.0021964
1452738_at	stomatin-like 1	Stoml1	69106	-1.7	0.0029351
1433557_at	chromobox homolog 7	Cbx7	52609	-1.7	0.0006779
1427527_a_at	parathyroid hormone-like peptide	Pthlh	19227	-1.7	0.007748
1425043_s_at	RIKEN cDNA 0610037D15 gene	0610037D15Rik	68394	-1.7	0.0040143
1449482_at	histone cluster 3, H2ba	Hist3h2ba	78303	-1.7	0.0087352
1436101_at	ring finger protein 24	Rnf24	51902	-1.7	0.0030305
1434478_at	headcase homolog (Drosophila)	Heca	380629	-1.7	0.0001209
1431611_a_at	cell adhesion molecule 1	Cadm1	54725	-1.7	0.0066824
1435236_at	transcription elongation factor A (SII) N-terminal and central domain c	Tceanc	245695	-1.7	0.0132095
1436989_s_at	solute carrier family 12, member 6	Slc12a6	107723	-1.7	6.156E-05
1437542_at	IKAROS family zinc finger 2	Ikzf2	22779	-1.7	0.0003783
1455369_at	amyloid beta (A4) precursor protein binding, family A, member 1	Apba1	319924	-1.7	0.0039909
1434070_at	jagged 1	Jag1	16449	-1.7	0.0005887
1441997_at	zinc finger protein 184 (Kruppel-like)	Zfp184	193452	-1.7	0.0188427
1454708_at	actin-binding LIM protein 1	Ablim1	226251	-1.7	7.375E-06
1424133_at	transmembrane protein 98	Tmem98	103743	-1.7	0.0003202
1440355_at	potassium channel tetramerisation domain containing 12b	Kctd12b	207474	-1.7	0.0002674
1417408_at	coagulation factor III	F3	14066	-1.7	0.0006925
1449244_at	cadherin 2	Cdh2	12558	-1.7	0.0003249
1425538_x_at	carcinoembryonic antigen-related cell adhesion molecule 1	Ceacam1	26365	-1.7	0.0062657
1437104_at	ADP-ribosylation factor guanine nucleotide-exchange factor 1(brefeld	Arfgef1	211673	-1.7	0.0028081
1435635_at	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain cor	Pcmt1	319263	-1.7	0.0024618
1439766_x_at	vascular endothelial growth factor C	Vegfc	22341	-1.7	0.0024232
1416484_at	tetratricopeptide repeat domain 3	Ttc3	22129	-1.7	0.0003595
1429893_at	interleukin 17 receptor D	Il17rd	171463	-1.7	0.0002928
1448678_at	family with sequence similarity 118, member A	Fam118a	73225	-1.7	0.001829
1445422_at	hypothetical protein LOC621549	LOC621549	621549	-1.7	0.0006018
1452309_at	cingulin-like 1	Cgnl1	68178	-1.7	0.0013079
1452109_at	interleukin 17 receptor E	Il17re	57890	-1.7	0.0078353
1420416_at	sema domain, immunoglobulin domain (Ig), short basic domain, secr	Sema3a	20346	-1.7	0.0020572
1419853_a_at	purinergic receptor P2X, ligand-gated ion channel, 7	P2rx7	18439	-1.7	0.0003553

1437149_at	solute carrier family 6 (neurotransmitter transporter, taurine), member 6	Slc6a6	21366	-1.7	0.0003666
1435448_at	BCL2-like 11 (apoptosis facilitator)	Bcl2l11	12125	-1.7	0.0013258
1454675_at	thyroid hormone receptor alpha	Thra	21833	-1.6	0.0046834
1422938_at	B-cell leukemia/lymphoma 2	Bcl2	12043	-1.6	0.0005252
1455049_at	immunoglobulin superfamily, member 3	Igsf3	78908	-1.6	0.0030763
1441878_s_at	RIKEN cDNA 1810049H13 gene	1810049H13Rik	66431	-1.6	0.0072387
1423825_at	G protein-coupled receptor 177	Gpr177	68151	-1.6	0.0016943
1420842_at	protein tyrosine phosphatase, receptor type, F	Ptpnf	19268	-1.6	0.0012411
1449626_s_at	acyl-Coenzyme A binding domain containing 4	Acbd4	67131	-1.6	0.001149
1439477_at	ubiquitin-conjugating enzyme E2B, RAD6 homology (S. cerevisiae)	Ube2b	22210	-1.6	0.0025185
1453286_at	plexin A2	Plxna2	18845	-1.6	0.0014145
1440928_at	RIKEN cDNA D630037F22 gene	D630037F22Rik	544696	-1.6	0.005711
1420539_a_at	chordin-like 2	Chrdl2	69121	-1.6	0.0077268
1422438_at	epoxide hydrolase 1, microsomal	Ephx1	13849	-1.6	0.0017378
1439108_at	myeloid/lymphoid or mixed-lineage leukemia 5	Mll5	69188	-1.6	0.0094682
1439259_x_at	abhydrolase domain containing 4	Abhd4	105501	-1.6	0.0002994
1434997_at	cell division cycle 2-like 6 (CDK8-like)	Cdc2l6	78334	-1.6	0.0047448
1419905_s_at	hydroxyprostaglandin dehydrogenase 15 (NAD)	Hpgd	15446	-1.6	0.0021007
1429588_at	RIKEN cDNA 2810474O19 gene	2810474O19Rik	67246	-1.6	0.0016948
1454901_at	yippee-like 2 (Drosophila)	Ypel2	77864	-1.6	0.0009883
1435577_at	disabled homolog 1 (Drosophila)	Dab1	13131	-1.6	0.0026471
1452308_a_at	ATPase, Na ⁺ /K ⁺ transporting, alpha 2 polypeptide	Atp1a2	98660	-1.6	0.0063811
1429212_a_at	leucine rich repeat containing 51	Lrrc51	69358	-1.6	0.0073785
1418162_at	toll-like receptor 4	Tlr4	21898	-1.6	0.0067126
1456786_at	LIM domain binding 2	Ldb2	16826	-1.6	0.0070924
1418968_at	RB1-inducible coiled-coil 1	Rb1cc1	12421	-1.6	0.0066457
1422912_at	bone morphogenetic protein 4	Bmp4	12159	-1.6	0.0021835
1451431_a_at	dysbindin (dystrobrevin binding protein 1) domain containing 2	Dbnidd2	52840	-1.6	0.0004305
1449510_at	zinc finger protein 467	Zfp467	68910	-1.6	0.0003986
1451303_at	cDNA sequence BC002230	BC002230	217827	-1.6	0.0023118
1455551_at	UEV and lactate/malate dehydrogenase domains	Uevld	54122	-1.6	0.0088565
1424857_a_at	tripartite motif-containing 34	Trim34	94094	-1.6	0.0002235
1431057_a_at	protease, serine, 23	Prss23	76453	-1.6	0.0089474
1460444_at	arrestin, beta 1	Arrb1	109689	-1.6	0.0014943
1437442_at	Protocadherin 7 (Pcdh7), transcript variant 2, mRNA	Pcdh7	54216	-1.6	0.0013877
1434853_x_at	makorin, ring finger protein, 1	Mkrn1	54484	-1.6	0.0001363
1435106_at	LIM and calponin homology domains 1	Limch1	77569	-1.6	0.0011044

1436983_at	CREB binding protein	Crebbp	12914	-1.6	0.000404
1425702_a_at	ectonucleotide pyrophosphatase/phosphodiesterase 5	Enpp5	83965	-1.6	0.0007667
1453053_at	RIKEN cDNA 2610036L11 gene	2610036L11Rik	66311	-1.6	0.0026527
1418673_at	snail homolog 2 (Drosophila)	Snai2	20583	-1.6	0.0071431
1437127_at	RIKEN cDNA A630033E08 gene (A630033E08Rik), transcript variant	A630033E08Rik	240041	-1.6	0.0001138
1455646_at	RIKEN cDNA 2010004M13 gene	2010004M13Rik	76511	-1.6	0.0061909
1451505_at	coiled-coil-helix-coiled-coil-helix domain containing 5	Chchd5	66170	-1.6	0.0062505
1448169_at	keratin 18	Krt18	16668	-1.6	0.0023235
1415996_at	thioredoxin interacting protein	Txnip	56338	-1.6	0.0017581
1449770_x_at	transmembrane protein 191C	Tmem191c	224019	-1.6	0.0049094
1455467_at	RIKEN cDNA C330043M08 gene	C330043M08Rik	330323	-1.6	0.0007626
1426152_a_at	kit ligand	Kitl	17311	-1.6	0.0047475
1426997_at	thyroid hormone receptor alpha	Thra	21833	-1.6	9.071E-06
1439109_at	coiled-coil domain containing 68	Ccdc68	381175	-1.6	0.0091544
1416795_at	crystallin, lambda 1	Cryl1	68631	-1.6	0.0097949
1443790_x_at	RIKEN cDNA 4930414L22 gene	4930414L22Rik	78108	-1.6	0.0037412
1439805_at	Nuclear factor of activated T-cells 5 (Nfat5), transcript variant a, mRNA	Nfat5	54446	-1.6	0.0024583
1436137_at	solute carrier family 6 (neurotransmitter transporter), member 17	Slc6a17	229706	-1.6	0.0003449
1417994_a_at	amiloride-sensitive cation channel 1, neuronal (degenerin)	Accn1	11418	-1.6	0.0087276
1418671_at	calpain 5	Capn5	12337	-1.6	0.0026253
1422025_at	microphthalmia-associated transcription factor	Mitf	17342	-1.6	0.0090484
1424988_at	myosin regulatory light chain interacting protein	Myliip	218203	-1.6	0.0011504
1426743_at	adaptor protein, phosphotyrosine interaction, PH domain and leucine	Appl2	216190	-1.6	0.0003689
1426604_at	ribonuclease L (2', 5'-oligoadenylate synthetase-dependent)	Rnasel	24014	-1.6	0.0003773
1455214_at	microphthalmia-associated transcription factor	Mitf	17342	-1.6	0.0039428
1438294_at	ataxin 1	Atxn1	20238	-1.6	0.0035808
1415743_at	histone deacetylase 5	Hdac5	15184	-1.6	0.0020137
1417661_at	RAD52 motif 1	Rdm1	66599	-1.6	0.0038397
1430436_at	family with sequence similarity 115, member A	Fam115a	77574	-1.6	0.0018012
1419256_at	spectrin beta 2	Spnb2	20742	-1.6	0.0026312
1451326_at	abhydrolase domain containing 14b	Abhd14b	76491	-1.6	0.0002171
1423413_at	N-myc downstream regulated gene 1	Ndrp1	17988	-1.6	0.0132372
1434045_at	cyclin-dependent kinase inhibitor 1B	Cdkn1b	12576	-1.6	0.001795
1448510_at	ephrin A1	Efna1	13636	-1.6	0.0038816
1423104_at	insulin receptor substrate 1	Irs1	16367	-1.6	0.0293134
1424826_s_at	metastasis suppressor 1	Mtss1	211401	-1.6	0.0001122
1427879_at	RIKEN cDNA 1810031K17 gene	1810031K17Rik	69171	-1.6	0.0019236

1424250_a_at	Rho guanine nucleotide exchange factor (GEF) 3	Arhgef3	71704	-1.6	0.0014612
1434470_at	synaptotagmin XIII	Syt13	80976	-1.6	0.0068299
1455927_x_at	Non-SMC element 1 homolog (<i>S. cerevisiae</i>), mRNA (cDNA clone M	Nsmce1	67711	-1.6	0.0009311
1451629_at	limb-bud and heart	Lbh	77889	-1.6	0.0065387
1418400_at	La ribonucleoprotein domain family, member 6	Larp6	67557	-1.6	0.0074111
1437208_at	septin 10		40066 103080	-1.6	0.0017292
1435258_at	transmembrane protein 141	Tmem141	51875	-1.6	0.0025843
1437152_at	mex3 homolog B (<i>C. elegans</i>)	Mex3b	108797	-1.6	0.0022801
1434642_at	hydroxysteroid (17-beta) dehydrogenase 11	Hsd17b11	114664	-1.6	0.0003435
1438789_s_at	dihydropyrimidinase-like 3	Dpysl3	22240	-1.6	0.0012245
1429399_at	ring finger protein 125	Rnf125	67664	-1.6	8.144E-06
1433626_at	phospholipid scramblase 4	Plscr4	235527	-1.6	0.0011189
1416654_at	solute carrier family 31, member 2	Slc31a2	20530	-1.6	0.0016835
1449614_s_at	expressed sequence AI314976	AI314976	106821	-1.6	0.0003036
1439971_at	RIKEN cDNA 6330439K17 gene	6330439K17Rik	241688	-1.6	0.0039506
1427239_at	intraflagellar transport 122 homolog (<i>Chlamydomonas</i>)	Ift122	81896	-1.6	2.474E-05
1429281_at	RIKEN cDNA 2610008E11 gene	2610008E11Rik	72128	-1.6	0.0001785
1434311_at	CCR4-NOT transcription complex, subunit 6-like	Cnot6l	231464	-1.6	0.0046757
1422838_at	potassium channel, subfamily U, member 1	Kcnu1	16532	-1.6	0.0042464
1448117_at	kit ligand	Kitl	17311	-1.6	0.0021882
1417892_a_at	sirtuin 3 (silent mating type information regulation 2, homolog) 3 (<i>S. c</i>	Sirt3	64384	-1.6	0.0060983
1452889_at	RIKEN cDNA 2310007H09 gene	2310007H09Rik	76429	-1.6	0.0005315
1429229_s_at	RIKEN cDNA 4930534B04 gene	4930534B04Rik	75216	-1.6	0.0005799
1426810_at	lysine (K)-specific demethylase 3A	Kdm3a	104263	-1.6	0.0001458
1441165_s_at	calsyntenin 2	Clstn2	64085	-1.6	0.0073702
1426331_a_at	FERM domain containing 4B	Frm4b	232288	-1.6	0.010345
1439180_at	INO80 complex subunit D	Ino80d	227195	-1.6	0.0020553
1438724_at	oxysterol binding protein-like 3	Osbpl3	71720	-1.6	0.0092397
1427371_at	ATP-binding cassette, sub-family A (ABC1), member 8a	Abca8a	217258	-1.6	0.0001499
1419124_at	major facilitator superfamily domain containing 6	Mfsd6	98682	-1.6	0.0016468
1422574_at	Max dimerization protein 4	Mxd4	17122	-1.6	2.656E-05
1431279_s_at	tubulin tyrosine ligase-like family, member 5	Ttll5	320244	-1.6	0.0011563
1453290_at	HMG box domain containing 4	Hmgxb4	70823	-1.6	0.0022323
1418434_at	makorin, ring finger protein, 1	Mkrn1	54484	-1.6	0.0014568
1451539_at	BAI1-associated protein 2-like 1	Baiap2l1	66898	-1.6	0.0032797
1454832_at	phosphatase and actin regulator 1	Phacr1	218194	-1.6	0.0041225
1440215_at	predicted gene, OTTMUSG00000004461	OTTMUSG0000	208820	-1.6	0.0122654

1454200_at	zinc finger E-box binding homeobox 2	Zeb2	24136	-1.6	0.0031369
1417568_at	neurocalcin delta	Ncald	52589	-1.6	0.009346
1454837_at	ceroid-lipofuscinosis, neuronal 6	Cln6	76524	-1.6	0.0029698
1427410_at	deleted in lymphocytic leukemia, 2	Dleu2	328425	-1.6	0.0040713
1451126_at	MAF1 homolog (S. cerevisiae)	Maf1	68877	-1.6	0.000724
1429413_at	carboxypeptidase M	Cpm	70574	-1.6	0.0160658
1436357_at	predicted gene, ENSMUSG00000072593	ENSMUSG00000072593	100191074	-1.6	0.0001175
1427680_a_at	nuclear factor I/B	Nfib	18028	-1.6	0.0020806
1429308_at	PR domain containing 16	Prdm16	70673	-1.6	0.0171288
1426969_at	tripartite motif-containing 23	Trim23	81003	-1.6	0.00113
1443823_s_at	ATPase, Na ⁺ /K ⁺ transporting, alpha 2 polypeptide	Atp1a2	98660	-1.6	0.0044568
1424999_at	RIKEN cDNA 1700022C21 gene	1700022C21Rik	76416	-1.6	0.0233187
1429448_s_at	tet oncogene 1	Tet1	52463	-1.6	0.0070252
1433972_at	calmodulin binding transcription activator 1	Camta1	100072	-1.6	0.0011514
1451196_at	yippee-like 5 (Drosophila)	Ypel5	383295	-1.6	0.0023041
1426951_at	cysteine rich transmembrane BMP regulator 1 (chordin like)	Crim1	50766	-1.6	0.005194
1435870_at	choline phosphotransferase 1	Chpt1	212862	-1.6	0.0023864
1456746_a_at	CD99 antigen-like 2	Cd99l2	171486	-1.6	0.0066897
1436870_s_at	actin filament associated protein 1-like 2	Afap1l2	226250	-1.6	0.0019677
1439557_s_at	LIM domain binding 2	Ldb2	16826	-1.6	0.0006577
1429260_at	RIKEN cDNA 1810014B01 gene	1810014B01Rik	66263	-1.6	0.0025323
1426594_at	FERM domain containing 4B	Frm4b	232288	-1.6	0.0011977
1434809_at	Rho GTPase activating protein 28	Arhgap28	268970	-1.6	0.0010984
1455436_at	DIRAS family, GTP-binding RAS-like 2	Diras2	68203	-1.6	0.006764
1434193_at	predicted gene, OTTMUSG00000009332	OTTMUSG00000009332	100039968	-1.6	0.0034069
1433837_at	RIKEN cDNA 8430408G22 gene	8430408G22Rik	213393	-1.6	0.0069598
1426808_at	lectin, galactose binding, soluble 3	Lgals3	16854	-1.6	0.0460498
1436584_at	sprouty homolog 2 (Drosophila)	Spry2	24064	-1.6	0.0037734
1434631_at	DNA segment, Chr 3, ERATO Doi 751, expressed	D3Ert751e	73852	-1.6	0.0092798
1437122_at	B-cell leukemia/lymphoma 2	Bcl2	12043	-1.6	0.0038153
1435336_at	cadherin, EGF LAG seven-pass G-type receptor 2 (flamingo homolog)	Celsr2	53883	-1.6	0.0313009
1422185_a_at	cytochrome b5 reductase 3	Cyb5r3	109754	-1.6	0.0006952
1439397_at	formin 1	Fmn1	14260	-1.6	0.0148012
1451153_a_at	cysteine and histidine rich 1	Cyhr1	54151	-1.6	0.0058094
1433593_at	yippee-like 5 (Drosophila)	Ypel5	383295	-1.6	0.001909
1425201_a_at	hydroxypyruvate isomerase homolog (E. coli)	Hyi	68180	-1.6	0.0019631
1422738_at	discoidin domain receptor family, member 2	Ddr2	18214	-1.6	0.008884

1420019_at	Tetraspanin 8 (Tspan8), mRNA	Tspan8	216350	-1.6	0.0005442
1437046_x_at	family with sequence similarity 63, member A	Fam63a	75007	-1.6	1.376E-05
1435549_at	transient receptor potential cation channel, subfamily M, member 4	Trpm4	68667	-1.6	0.0001397
1423765_at	ATH1, acid trehalase-like 1 (yeast)	Ath1	212974	-1.6	0.0009201
1428565_at	unkempt-like (Drosophila)	Unkl	74154	-1.6	0.0004836
1436560_at	kinesin family member 3A	Kif3a	16568	-1.6	0.0036235
1421009_at	radical S-adenosyl methionine domain containing 2	Rsad2	58185	-1.6	0.0044488
1434893_at	ATPase, Na ⁺ /K ⁺ transporting, alpha 2 polypeptide	Atp1a2	98660	-1.6	0.0007442
1450410_a_at	solute carrier family 48 (heme transporter), member 1	Slc48a1	67739	-1.6	0.000678
1416978_at	Fc receptor, IgG, alpha chain transporter	Fcgrt	14132	-1.6	0.0020423
1424463_at	major facilitator superfamily domain containing 6	Mfsd6	98682	-1.6	0.0008982
1449271_a_at	heme binding protein 2	Hebp2	56016	-1.6	0.0034581
1418172_at	heme binding protein 1	Hebp1	15199	-1.6	0.0015895
1456089_at	tripartite motif-containing 23	Trim23	81003	-1.6	0.0195019
1453011_at	3-hydroxybutyrate dehydrogenase, type 2	Bdh2	69772	-1.6	0.0012835
1436426_at	coiled-coil and C2 domain containing 2A	Cc2d2a	231214	-1.6	0.0037238
1430554_at	leucine-rich repeats and immunoglobulin-like domains 3	Lrig3	320398	-1.6	0.0008843
1418419_at	F-box and leucine-rich repeat protein 20	Fbxl20	72194	-1.6	1.954E-05
1433653_at	family with sequence similarity 20, member A	Fam20a	208659	-1.6	0.027206
1448288_at	nuclear factor I/B	Nfib	18028	-1.6	0.0009758
1431130_at	RIKEN cDNA 2010110P09 gene	2010110P09Rik	70261	-1.6	0.004903
1455743_at	olfactomedin-like 2A	Olfml2a	241327	-1.6	0.0012064
1437271_at	cardiotrophin-like cytokine factor 1	Clcf1	56708	-1.6	0.0004319
1426655_a_at	family with sequence similarity 63, member A	Fam63a	75007	-1.6	0.0019304
1455712_at	histone cluster 3, H2a	Hist3h2a	319162	-1.6	0.0001586
1457632_s_at	Meis homeobox 2	Meis2	17536	-1.6	0.0006144
1449481_at	solute carrier family 25 (mitochondrial carrier, adenine nucleotide tran	Slc25a13	50799	-1.6	0.0055191
1421101_a_at	LIM domain binding 2	Ldb2	16826	-1.6	0.0005285
1451848_a_at	crystallin, zeta	Cryz	12972	-1.6	0.0098497
1428352_at	arrestin domain containing 2	Arrdc2	70807	-1.6	0.0032935
1422532_at	xeroderma pigmentosum, complementation group C	Xpc	22591	-1.6	0.0019843
1460234_at	WD repeat domain 81	Wdr81	192652	-1.6	0.000279
1424919_at	v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/gli	ErbB2	13866	-1.6	0.0013826
1452618_at	CDK5 regulatory subunit associated protein 2	Cdk5rap2	214444	-1.6	0.015372
1417108_at	kinesin light chain 4	Klc4	74764	-1.6	0.0002706
1449273_at	cytoplasmic FMR1 interacting protein 2	Cyfi2	76884	-1.6	0.0097157
1424464_s_at	major facilitator superfamily domain containing 6	Mfsd6	98682	-1.6	0.0079082

1448410_at	ubiquitination factor E4B, UFD2 homolog (<i>S. cerevisiae</i>)	Ube4b	63958	-1.6	0.0004614
1434133_s_at	WD repeat domain 42A	Wdr42a	98193	-1.6	0.004853
1419509_a_at	N-acetylglucosamine kinase	Nagk	56174	-1.6	3.252E-05
1455204_at	phosphatidylinositol transfer protein, cytoplasmic 1	Pitpnc1	71795	-1.6	0.0041064
1427201_at	musculoskeletal, embryonic nuclear protein 1	Mustn1	66175	-1.6	0.0068092
1429240_at	StAR-related lipid transfer (START) domain containing 4	Stard4	170459	-1.6	0.001247
1425914_a_at	armadillo repeat containing, X-linked 1	Armcx1	78248	-1.6	0.0011402
1430309_at	Nipped-B homolog (<i>Drosophila</i>)	Nipbl	71175	-1.6	0.0005893
1449490_at	methyl-CpG binding domain protein 4	Mbd4	17193	-1.6	0.00152
1426766_at	RIKEN cDNA 6330403K07 gene	6330403K07Rik	103712	-1.6	0.0031642
1439665_at	lysophosphatidic acid receptor 4	Lpar4	78134	-1.6	0.0089631
1436054_at	RIKEN cDNA 9130227C08Rik gene	9130227C08Rik	219094	-1.6	0.0008857
1426478_at	RAS p21 protein activator 1	Rasa1	218397	-1.6	0.0003853
1424886_at	protein tyrosine phosphatase, receptor type, D	Ptprd	19266	-1.6	0.0003277
1425108_a_at	cDNA sequence BC004728	BC004728	207818	-1.6	0.0048412
1429367_at	WD repeat domain, phosphoinositide interacting 2	Wipi2	74781	-1.5	0.0044659
1436805_at	ubiquitin associated and SH3 domain containing, B	Ubash3b	72828	-1.5	0.0007183
1423726_at	vesicle amine transport protein 1 homolog (<i>T. californica</i>)	Vat1	26949	-1.5	0.0006608
1435461_at	membrane associated guanylate kinase, WW and PDZ domain containing	Magi3	99470	-1.5	0.0003747
1423432_at	pleckstrin homology domain interacting protein	Phip	83946	-1.5	0.0005385
1416689_at	tuftelin 1	Tuft1	22156	-1.5	0.0032778
1426656_at	family with sequence similarity 63, member A	Fam63a	75007	-1.5	0.0005791
1428922_at	RIKEN cDNA 1200009O22 gene	1200009O22Rik	66873	-1.5	0.0008004
1449951_at	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor 1	Nfkbil1	18038	-1.5	0.0014476
1435794_at	cDNA sequence BC050254	BC050254	269630	-1.5	0.006006
1447819_x_at	collagen, type VIII, alpha 1	Col8a1	12837	-1.5	0.0137176
1441259_s_at	intraflagellar transport 122 homolog (<i>Chlamydomonas</i>)	Ift122	81896	-1.5	0.0018315
1451121_a_at	glioma tumor suppressor candidate region gene 2	Gltscr2	68077	-1.5	0.0063278
1454973_at	activating transcription factor 7 interacting protein	Atf7ip	54343	-1.5	0.000492
1420046_s_at	MAF1 homolog (<i>S. cerevisiae</i>)	Maf1	68877	-1.5	0.0004152
1455169_at	RAB11 family interacting protein 2 (class I)	Rab11fip2	74998	-1.5	0.0021165
1435930_at	S phase cyclin A-associated protein in the ER	Scaper	244891	-1.5	0.001797
1434796_at	vesicle-associated membrane protein 4	Vamp4	53330	-1.5	0.0002225
1434007_at	glycosyltransferase-like 1B	Gylt1b	228366	-1.5	0.0055987
1423062_at	insulin-like growth factor binding protein 3	Igfbp3	16009	-1.5	0.0099361
1428834_at	dual specificity phosphatase 4	Dusp4	319520	-1.5	0.0338208
1447547_at	latent transforming growth factor beta binding protein 1	Ltbp1	268977	-1.5	0.0077943

1459054_at	castor homolog 1, zinc finger (Drosophila)	Casz1	69743	-1.5	0.0052083
1427369_at	NLR family, pyrin domain containing 6	Nlrp6	101613	-1.5	0.0030681
1446990_at	nuclear factor I/A	Nfia	18027	-1.5	0.007475
1439264_x_at	LIM and SH3 protein 1	Lasp1	16796	-1.5	0.0007262
1416121_at	lysyl oxidase	Lox	16948	-1.5	0.0429093
1458882_at	serine (or cysteine) peptidase inhibitor, clade B, member 8	Serpinb8	20725	-1.5	0.0340349
1429432_at	BAT2 domain containing 1	Bat2d	226562	-1.5	0.0059924
1451323_at	zinc finger protein 7	Zfp7	223669	-1.5	0.0012101
1437205_at	transcription factor 25 (basic helix-loop-helix)	Tcf25	66855	-1.5	0.007931
1448361_at	tetratricopeptide repeat domain 3	Ttc3	22129	-1.5	0.0001314
1417843_s_at	EPS8-like 2	Eps8l2	98845	-1.5	0.0014924
1418293_at	interferon-induced protein with tetratricopeptide repeats 2	Ifit2	15958	-1.5	0.0091097
1426545_at	trinucleotide repeat containing 6b	Tnrc6b	213988	-1.5	0.0001529
1449270_at	plexin domain containing 2	Plxdc2	67448	-1.5	0.0070508
1457635_s_at	nuclear receptor subfamily 3, group C, member 1	Nr3c1	14815	-1.5	0.0070058
1417649_at	cyclin-dependent kinase inhibitor 1C (P57)	Cdkn1c	12577	-1.5	0.0082501
1436447_at	RIKEN cDNA A630026N12 gene	A630026N12Ri	320961	-1.5	0.0097916
1423312_at	trophoblast glycoprotein	Tpbg	21983	-1.5	0.0127558
1436117_at	RIKEN cDNA A830010M20 gene	A830010M20Ri	231570	-1.5	0.0016487
1420760_s_at	N-myc downstream regulated gene 1	Ndrg1	17988	-1.5	0.0379851
1429264_at	RIKEN cDNA C030044B11 gene	C030044B11Ri	68128	-1.5	0.0003077
1427143_at	lysine (K)-specific demethylase 5B	Kdm5b	75605	-1.5	0.0012467
1448165_at	caspase 2	Casp2	12366	-1.5	0.0035795
1424112_at	insulin-like growth factor 2 receptor	Igf2r	16004	-1.5	0.0010903
1425979_a_at	Fas (TNFRSF6) binding factor 1	Fbf1	217335	-1.5	0.0011996
1420795_at	fibroblast growth factor 9	Fgf9	14180	-1.5	0.0038801
1433489_s_at	fibroblast growth factor receptor 2	Fgfr2	14183	-1.5	0.0094117
1421317_x_at	myeloblastosis oncogene	Myb	17863	-1.5	0.0090892
1460728_s_at	inhibitor of growth family, member 4	Ing4	28019	-1.5	0.000842
1417644_at	sarcospan	Sspn	16651	-1.5	0.00029
1435084_at	RIKEN cDNA C730049O14 gene	C730049O14Ri	320117	-1.5	0.0023866
1455342_at	RIKEN cDNA A230083H22 gene	A230083H22Ri	353211	-1.5	0.002978
1433971_at	calmodulin binding transcription activator 1	Camta1	100072	-1.5	0.0169026
1448465_at	4-nitrophenylphosphatase domain and non-neuronal SNAP25-like protein	Nipsnap1	18082	-1.5	0.001067
1460003_at	expressed sequence AI956758	AI956758	99132	-1.5	0.0013292
1421276_a_at	dystonin	Dst	13518	-1.5	0.0005444
1450881_s_at	G protein-coupled receptor 137B	Gpr137b	83924	-1.5	0.0078742

1452127_a_at	protein tyrosine phosphatase, non-receptor type 13	Ptpn13	19249	-1.5	0.0022095
1435153_at	BTB (POZ) domain containing 6	Btbd6	399566	-1.5	0.0035417
1438432_at	leucyl/cystinyl aminopeptidase	Lnpep	240028	-1.5	0.0016123
1424478_at	Bardet-Biedl syndrome 2 (human)	Bbs2	67378	-1.5	0.0001835
1430614_at	RIKEN cDNA 4632415K11 gene	4632415K11Rik	74347	-1.5	0.0001172
1435866_s_at	histone cluster 3, H2a	Hist3h2a	319162	-1.5	0.0045948
1421064_at	membrane protein, palmitoylated 5 (MAGUK p55 subfamily member	Mpp5	56217	-1.5	0.0095291
1438169_a_at	FERM domain containing 4B	Frmd4b	232288	-1.5	0.0055959
1433695_at	cannabinoid receptor interacting protein 1	Cnrip1	380686	-1.5	0.0095194
1455144_s_at	expressed sequence AU040829	AU040829	216831	-1.5	0.0024361
1428417_at	family with sequence similarity 164, member A	Fam164a	67306	-1.5	0.0005104
1427070_at	sorting nexin family member 21	Snx21	101113	-1.5	0.0091726
1417420_at	cyclin D1	Ccnd1	12443	-1.5	0.001407
1443891_at	RAD51-like 3 (<i>S. cerevisiae</i>)	Rad51l3	19364	-1.5	0.0018202
1454834_at	nuclear factor I/B	Nfib	18028	-1.5	0.0010827
1422747_at	CHK2 checkpoint homolog (<i>S. pombe</i>)	Chek2	50883	-1.5	0.0020394
1444207_at	Alstrom syndrome 1 homolog (human) (<i>Alms1</i>), mRNA	Alms1	236266	-1.5	0.0056263
1416981_at	forkhead box O1	Foxo1	56458	-1.5	0.0002206
1446560_at	protease, serine, 23	Prss23	76453	-1.5	0.0178111
1435787_at	protein phosphatase 1 (formerly 2C)-like	Ppm1l	242083	-1.5	0.0082936
1418862_at	enoyl Coenzyme A hydratase domain containing 3	Echdc3	67856	-1.5	0.0094054
1428509_at	myosin IE	Myo1e	71602	-1.5	0.0007078
1434206_s_at	protein phosphatase 2, regulatory subunit B (B56), gamma isoform	Ppp2r5c	26931	-1.5	0.0066631
1437650_at	hypothetical protein C730026J16	C730026J16	331006	-1.5	0.0047094
1451634_at	RIKEN cDNA 2810051F02 gene	2810051F02Rik	72704	-1.5	0.0001056
1422607_at	ets variant gene 1	Etv1	14009	-1.5	0.0053318
1416424_at	mannose-6-phosphate receptor binding protein 1	M6prbp1	66905	-1.5	0.0005222
1438985_x_at	OTU domain containing 5	Otud5	54644	-1.5	0.0022468
1415736_at	prefoldin 5	Pfdn5	56612	-1.5	0.0063328
1448293_at	early B-cell factor 1	Ebf1	13591	-1.5	0.000927
1452333_at	SWI/SNF related, matrix associated, actin dependent regulator of chr	Smarca2	67155	-1.5	0.0030456
1455549_at	SEC14 and spectrin domains 1	Sestd1	228071	-1.5	1.443E-05
1459813_at	RIKEN cDNA 1700012D01 gene	1700012D01Rik	72243	-1.5	0.0001896
1454685_at	G protein-coupled receptor 146	Gpr146	80290	-1.5	0.0088925
1450717_at	angiogenin, ribonuclease, RNase A family, 5	Ang	11727	-1.5	0.0349616
1425615_a_at	phosphoenolpyruvate carboxykinase 2 (mitochondrial)	Pck2	74551	-1.5	0.0020536
1440870_at	PR domain containing 16	Prdm16	70673	-1.5	0.0067672

1439150_x_at	GH regulated TBC protein 1	Grtp1	66790	-1.5	0.0154778
1453009_at	carboxypeptidase M	Cpm	70574	-1.5	0.0059074
1456779_a_at	RIKEN cDNA 4930414L22 gene	4930414L22Rik	78108	-1.5	0.0081336
1429339_a_at	acyl-Coenzyme A dehydrogenase family, member 10	Acad10	71985	-1.5	0.0089739
1417129_a_at	Meis homeobox 2	Meis2	17536	-1.5	0.0020703
1430516_at	RIKEN cDNA 4930428B01 gene	4930428B01Rik	73854	-1.5	0.0037687
1436195_at	cDNA sequence BC046404	BC046404	192976	-1.5	0.0004099
1447500_at	cut-like homeobox 2	Cux2	13048	-1.5	0.0073582
1435595_at	RIKEN cDNA 1810011O10 gene	1810011O10Rik	69068	-1.5	0.0011938
1437270_a_at	cardiotrophin-like cytokine factor 1	Clcf1	56708	-1.5	0.00214
1435974_at	CDC42 guanine nucleotide exchange factor (GEF) 9	Arhgef9	236915	-1.5	0.000268
1436181_at	development and differentiation enhancing factor 2	Ddef2	211914	-1.5	0.0098828
1429066_at	RIKEN cDNA 4930565B19 gene	4930565B19Rik	75325	-1.5	0.000302
1434036_at	metastasis suppressor 1	Mtss1	211401	-1.5	1.221E-05
1438910_a_at	stomatin	Stom	13830	-1.5	0.0048243
1427604_a_at	ATPase, class II, type 9A	Atp9a	11981	-1.5	0.0045787
1416195_at	inositol polyphosphate 5-phosphatase K	Inpp5k	19062	-1.5	0.0041416
1429202_at	RIKEN cDNA 2610019N06 gene	2610019N06Rik	66299	-1.5	0.0034299
1452885_at	splicing factor, arginine/serine-rich 2, interacting protein	Sfrs2ip	72193	-1.5	0.0010579
1429052_at	protein tyrosine phosphatase, receptor type, D	Ptprd	19266	-1.5	0.0011033
1454613_at	dihydropyrimidinase-like 3	Dpysl3	22240	-1.5	0.0048355
1421854_at	fibrinogen-like protein 2	Fgl2	14190	-1.5	0.0033398
1424220_a_at	porcupine homolog (Drosophila)	Porcn	53627	-1.5	0.006957
1434339_at	formin binding protein 1-like	Fnbp1l	214459	-1.5	0.0003632
1455287_at	cyclin-dependent kinase 6	Cdk6	12571	-1.5	0.0063816
1420425_at	PR domain containing 1, with ZNF domain	Prdm1	12142	-1.5	0.0036064
1456225_x_at	tribbles homolog 3 (Drosophila)	Trib3	228775	-1.5	0.038141
1416539_at	sialic acid acetyltransferase	Siae	22619	-1.5	0.0426913
1419309_at	podoplanin	Pdpn	14726	-1.5	0.0077088
1420679_a_at	androgen-induced 1	Aig1	66253	-1.5	0.001944
1438633_x_at	LIM and SH3 protein 1	Lasp1	16796	-1.5	0.0003781
1420649_at	zinc finger homeobox 3	Zfhx3	11906	-1.5	9.403E-05
1436982_at	trinucleotide repeat containing 6b	Tnrc6b	213988	-1.5	0.000232
1417039_a_at	cullin 7	Cul7	66515	-1.5	0.0055685
1430555_s_at	leucine-rich repeats and immunoglobulin-like domains 3	Lrig3	320398	-1.5	0.0044115
1416538_at	sialic acid acetyltransferase	Siae	22619	-1.5	0.0001226
1448634_at	ralA binding protein 1	Ralbp1	19765	-1.5	0.0004186

1451687_a_at	HNF1 homeobox B	Hnf1b	21410	-1.5	0.0062058
1424111_at	insulin-like growth factor 2 receptor	Igf2r	16004	-1.5	0.000608
1442061_at	BTB (POZ) domain containing 7, mRNA (cDNA clone MGC:66540 IM	Btbd7	238386	-1.5	0.0367551
1416619_at	RIKEN cDNA 4632428N05 gene	4632428N05Rik	74048	-1.5	0.0066386
1434675_at	zinc finger protein 763	Zfp763	73451	-1.5	0.0194178
1450435_at	L1 cell adhesion molecule	L1cam	16728	-1.5	0.0456895
1415932_x_at	ATPase, class II, type 9A	Atp9a	11981	-1.5	8.696E-05
1451479_a_at	transmembrane protein 53	Tmem53	68777	-1.5	0.0026593
1426880_at	enhancer trap locus 4	Etl4	208618	-1.5	0.0017367
1429019_s_at	paraoxonase 2	Pon2	330260	-1.5	0.0041188
1420132_s_at	CDNA fis, clone TRACH2005004,moderately similar to SURFACE G	Pttg1ip	108705	-1.5	0.0165188
1456174_x_at	N-myc downstream regulated gene 1	Ndrp1	17988	-1.5	0.019772
1450771_at	fucosyltransferase 9	Fut9	14348	-1.5	0.0481469
1437360_at	protocadherin 19	Pcdh19	279653	-1.5	0.0010592
1415758_at	furry homolog-like (Drosophila)	Fryl	72313	-1.5	0.0002323
1433836_a_at	RIKEN cDNA 8430408G22 gene	8430408G22Rik	213393	-1.5	0.0308136
1449402_at	carbohydrate (N-acetylglucosamino) sulfotransferase 7	Chst7	60322	-1.5	0.0002483
1438305_at	regulating synaptic membrane exocytosis 1	Rims1	116837	-1.5	0.0165341
1439788_at	coiled-coil domain containing 111	Ccdc111	408022	-1.5	0.0025578
1456378_s_at	F-box and leucine-rich repeat protein 20	Fbxl20	72194	-1.5	2.443E-05
1434943_at	MORN repeat containing 4	Morn4	226123	-1.5	0.0009646
1417535_at	F-box protein 25	Fbxo25	66822	-1.5	0.0126165
1421943_at	transforming growth factor alpha	Tgfa	21802	-1.5	0.0004965
1448415_a_at	sema domain, immunoglobulin domain (Ig), short basic domain, secr	Sema3b	20347	-1.5	0.0265835
1416953_at	connective tissue growth factor	Ctgf	14219	-1.5	0.0197098
1418163_at	toll-like receptor 4	Tlr4	21898	-1.5	0.0101763
1450976_at	N-myc downstream regulated gene 1	Ndrp1	17988	-1.5	0.0108828

SUPPLEMENTAL TABLE 3: List Of Genes Upregulated By P4 That Are Dependent On SRC-2					
Probe set	Gene Title	Gene Symbol	Entrez ID	Fold change	p value
1444176_at	ATPase, H+ transporting, lysosomal V0 subunit D2	Atp6v0d2	242341	-7.9	0.00096685
1456509_at	RIKEN cDNA 1110032F04 gene	1110032F04Rik	68725	-6.5	0.00015196
1434798_at	ATPase, H+ transporting, lysosomal V0 subunit D2	Atp6v0d2	242341	-6.3	0.00013694
1421134_at	amphiregulin	Areg	11839	-5.3	0.00206937
1434458_at	follistatin	Fst	14313	-4.7	0.01025412
1419430_at	cytochrome P450, family 26, subfamily a, polypeptide 1	Cyp26a1	13082	-4.4	0.00144659
1422177_at	interleukin 13 receptor, alpha 2	Il13ra2	16165	-3.3	0.00464522
1417231_at	claudin 2	Cldn2	12738	-3.2	0.0044433
1455913_x	transthyretin	Ttr	22139	-2.9	0.00202424
1454608_x	transthyretin	Ttr	22139	-2.8	0.00177001
1435234_at	nuclear receptor coactivator 2	Ncoa2	17978	-2.8	0.00017791
1453486_a	signal peptide, CUB domain, EGF-like 2	Scube2	56788	-2.5	0.00659789
1459737_s	transthyretin	Ttr	22139	-2.4	0.00626089
1419195_at	WAP four-disulfide core domain 15B	Wfdc15b	192201	-2.4	0.00166999
1429013_at	MAP7 domain containing 2	Mtap7d2	78283	-2.3	0.00033656
1416125_at	FK506 binding protein 5	Fkbp5	14229	-2.3	0.00076274
1451580_a	transthyretin	Ttr	22139	-2.2	0.00407171
1419491_at	defensin beta 1	Defb1	13214	-2.2	0.04513233
1439795_at	G protein-coupled receptor 64	Gpr64	237175	-2.1	6.3613E-05
1421103_at	BMP2 inducible kinase	Bmp2k	140780	-2.0	0.00174092
1437419_at	BMP2 inducible kinase	Bmp2k	140780	-2.0	0.00469976
1438796_at	nuclear receptor subfamily 4, group A, member 3	Nr4a3	18124	-2.0	0.00552334
1460555_at	family with sequence similarity 65, member B	Fam65b	193385	-2.0	0.01389412
1451895_a	24-dehydrocholesterol reductase	Dhcr24	74754	-1.9	0.00327478
1418158_at	transformation related protein 63	Trp63	22061	-1.9	0.03949712
1429216_at	progesterone and adipoQ receptor family member III	Paqr3	231474	-1.9	0.00103778
1433902_at	kelch repeat and BTB (POZ) domain containing 8	Kbtbd8	243574	-1.9	0.00397408
1452490_a	adaptor protein complex AP-2, alpha 2 subunit	Ap2a2	11772	-1.8	0.00166424
1460012_at	WAP four-disulfide core domain 3	Wfdc3	71856	-1.8	0.00085883
1416129_at	ERBB receptor feedback inhibitor 1	Errfi1	74155	-1.8	0.0367374
1449475_at	ATPase, H+/K+ transporting, nongastric, alpha polypeptide	Atp12a	192113	-1.8	0.00583362
1421078_at	transcription factor 23	Tcf23	69852	-1.8	0.01366596
1452013_at	ATPase, class V, type 10A	Atp10a	11982	-1.8	0.00369995
1416761_at	hydroxysteroid 11-beta dehydrogenase 2	Hsd11b2	15484	-1.8	0.0028894
1423611_at	alkaline phosphatase, liver/bone/kidney	Alpl	11647	-1.8	0.02112812
1431315_at	hydroletharus syndrome 1	Hyls1	76832	-1.8	0.00022287
1450855_at	armadillo repeat gene deleted in velo-cardio-facial syndrome	Arvcf	11877	-1.7	0.00736415
1450005_x	delta-like 2 homolog (Drosophila)	Dlk2	106565	-1.7	0.02842304
1418030_at	solute carrier organic anion transporter family, member 3a1	Slco3a1	108116	-1.7	0.00132212

1417089_a	creatine kinase, mitochondrial 1, ubiquitous	Ckmt1	12716	-1.7	0.0055818
1424529_s	cell growth regulator with EF hand domain 1	Cgref1	68567	-1.7	0.01268911
1455366_at	mitochondrial ribosomal protein L52	Mrpl52	68836	-1.7	0.00366444
1421037_at	neuronal PAS domain protein 2	Npas2	18143	-1.7	0.00065409
1418572_x	tumor necrosis factor receptor superfamily, member 12a	Tnfrsf12a	27279	-1.7	0.01023714
1434537_at	solute carrier organic anion transporter family, member 3a1	Slco3a1	108116	-1.7	0.00022652
1436321_at	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 7	B3gnt7	227327	-1.7	0.00568998
1452652_at	transmembrane protein 158	Tmem158	72309	-1.7	0.01604057
1419276_at	ectonucleotide pyrophosphatase/phosphodiesterase 1	Enpp1	18605	-1.7	0.00154679
1449342_at	protein tyrosine phosphatase-like (proline instead of catalytic arginine), mem	Ptp1b	70757	-1.7	0.00064612
1424211_at	solute carrier family 25, member 33	Slc25a33	70556	-1.7	0.00031991
1447272_s	ATPase, class V, type 10A	Atp10a	11982	-1.7	0.00132163
1452160_at	TCDD-inducible poly(ADP-ribose) polymerase	Tiparp	99929	-1.7	0.00529328
1449233_at	basic helix-loop-helix family, member a15	Bhlha15	17341	-1.6	0.02036724
1421113_at	pepsinogen 5, group I	Pga5	58803	-1.6	0.00012327
1434188_at	solute carrier family 16 (monocarboxylic acid transporters), member 12	Slc16a12	240638	-1.6	0.00023822
1450728_at	four jointed box 1 (Drosophila)	Fjx1	14221	-1.6	0.00342889
1450852_s	coagulation factor II (thrombin) receptor	F2r	14062	-1.6	0.01881149
1450389_s	phosphatidylinositol-4-phosphate 5-kinase, type 1 beta	Pip5k1b	18719	-1.6	0.00273877
1430596_s	vestigial like 3 (Drosophila)	Vgll3	73569	-1.6	0.00700435
1419254_at	methylenetetrahydrofolate dehydrogenase (NAD+ dependent), methenyltetra	Mthfd2	17768	-1.6	0.0018245
1455898_x	solute carrier family 2 (facilitated glucose transporter), member 3	Slc2a3	20527	-1.6	0.00186112
1434096_at	solute carrier family 4 (anion exchanger), member 4	Slc4a4	54403	-1.6	0.00854917
1419253_at	methylenetetrahydrofolate dehydrogenase (NAD+ dependent), methenyltetra	Mthfd2	17768	-1.6	0.0356176
1416316_at	solute carrier family 27 (fatty acid transporter), member 2	Slc27a2	26458	-1.6	0.00539508
1418571_at	tumor necrosis factor receptor superfamily, member 12a	Tnfrsf12a	27279	-1.6	0.00930514
1434239_at	ribosomal RNA processing 12 homolog (S. cerevisiae)	Rrp12	107094	-1.6	0.00016582
1435115_at	fibronectin type III domain containing 5	Fndc5	384061	-1.6	0.03062951
1432418_a	creatine kinase, mitochondrial 1, ubiquitous	Ckmt1	12716	-1.6	0.00461391
1456003_a	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4	Slc1a4	55963	-1.6	0.02033819
1437329_at	protein tyrosine phosphatase-like (proline instead of catalytic arginine), mem	Ptp1b	70757	-1.6	0.00738024
1420503_at	solute carrier family 6 (neurotransmitter transporter), member 14	Slc6a14	56774	-1.6	0.04121934
1451095_at	asparagine synthetase	Asns	27053	-1.6	0.00086445
1447475_at	gene model 967, (NCBI)	Gm967	381217	-1.6	0.00438952
1449091_at	claudin 8	Cldn8	54420	-1.6	0.00053762
1448918_at	solute carrier organic anion transporter family, member 3a1	Slco3a1	108116	-1.6	0.00238623
1419874_x	zinc finger and BTB domain containing 16	Zbtb16	235320	-1.6	0.01015406
1437914_at	E2F transcription factor 6	E2f6	50496	-1.5	0.01594553
1451776_s	HOP homeobox	Hopx	74318	-1.5	0.02435488
1433966_x	asparagine synthetase	Asns	27053	-1.5	0.00196954
1453135_at	fibronectin type III domain containing 5	Fndc5	384061	-1.5	0.00643116

1436120_at	SET domain, bifurcated 2	Setdb2	239122	-1.5	0.00350429
1433894_at	JAZF zinc finger 1	Jazf1	231986	-1.5	0.00176561
1437052_s	solute carrier family 2 (facilitated glucose transporter), member 3	Slc2a3	20527	-1.5	0.00546348
1449592_at	transcription factor 15	Tcf15	21407	-1.5	0.00963535
1431705_a	mucolipin 2	Mcoln2	68279	-1.5	0.00267575
1455667_at	prolactin regulatory element binding	Preb	50907	-1.5	0.03049212
1435367_at	mitogen-activated protein kinase 4	Mapk4	225724	-1.5	0.00241983
1426721_s	TCDD-inducible poly(ADP-ribose) polymerase	Tiparp	99929	-1.5	0.00021012
1420504_at	solute carrier family 6 (neurotransmitter transporter), member 14	Slc6a14	56774	-1.5	0.00528085
1449461_at	retinol binding protein 7, cellular	Rbp7	63954	-1.5	0.01105444
1419519_at	insulin-like growth factor 1	Igf1	16000	-1.5	0.03398146
1423061_at	armadillo repeat gene deleted in velo-cardio-facial syndrome	Arvcf	11877	-1.5	0.00205181
1435302_at	TAF4B RNA polymerase II, TATA box binding protein (TBP)-associated factor 4	Taf4b	72504	-1.5	0.00103202
1448231_at	FK506 binding protein 5	Fkbp5	14229	-1.5	0.01586167
1437308_s	coagulation factor II (thrombin) receptor	F2r	14062	-1.5	0.0439962
1426410_at	pyruvate dehydrogenase kinase, isoenzyme 3	Pdk3	236900	-1.5	0.00046738
1435695_a	gamma-glutamyl cyclotransferase	Ggct	110175	-1.5	0.00065431
1452352_at	cytotoxic T lymphocyte-associated protein 2 beta	Ctla2b	13025	-1.5	0.03902845
1450017_at	cyclin G1	Ccng1	12450	-1.5	0.0116237
1421260_a	spermidine synthase	Srm	20810	-1.5	0.00194088
1423621_a	solute carrier family 33 (acetyl-CoA transporter), member 1	Slc33a1	11416	-1.5	0.00295415
1455657_at	SMG1 homolog, phosphatidylinositol 3-kinase-related kinase (C. elegans)	Smg1	233789	-1.5	0.0048968
1439036_a	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide	Atp1b1	11931	-1.5	0.0036896
1434411_at	collagen, type XII, alpha 1	Col12a1	12816	-1.5	0.01189868
1438725_at	mediator complex subunit 13	Med13	327987	-1.5	0.03625713
1428839_at	WD repeat domain 53	Wdr53	68980	-1.5	0.03995653
1418453_a	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide	Atp1b1	11931	-1.4	0.00851085
1419288_at	junction adhesion molecule 2	Jam2	67374	-1.4	0.01673037
1456981_at	transmembrane channel-like gene family 7	Tmc7	209760	-1.4	0.04391874
1440116_at	RIKEN cDNA D630045J12 gene	D630045J12Rik	330286	-1.4	0.01532479
1423890_x	ATPase, Na ⁺ /K ⁺ transporting, beta 1 polypeptide	Atp1b1	11931	-1.4	0.00255822
1438300_at	CDKN2A interacting protein	Cdkn2aip	70925	-1.4	0.01002648
1430352_at	a disintegrin-like and metalloproteinase (reprolysin type) with thrombospondin type 1 motifs	Adamts9	101401	-1.4	0.02413255
1417094_at	acyl-CoA thioesterase 7	Acot7	70025	-1.4	0.00327835
1427347_s	tubulin, beta 2A	Tubb2a	22151	-1.4	0.01150519
1447851_x	ATPase, class V, type 10A	Atp10a	11982	-1.4	0.00024604
1451339_at	sulfite oxidase	Suox	211389	-1.4	0.02473852
1426658_x	3-phosphoglycerate dehydrogenase	Phgdh	236539	-1.4	0.00111787
1417675_a	midasin homolog (yeast)	Mdn1	100019	-1.4	0.00105013
1438818_at	NMD3 homolog (S. cerevisiae)	Nmd3	97112	-1.4	0.0111141
1451293_at	RRP9, small subunit (SSU) processome component, homolog (yeast)	Rrp9	27966	-1.4	0.01127671

1415917_at	methylenetetrahydrofolate dehydrogenase (NADP+ dependent), methenyltetrahydrofolate synthetase	Mthfd1	108156	-1.4	0.00119579
1427097_at	WW domain containing E3 ubiquitin protein ligase 1	Wwp1	107568	-1.4	0.01654629
1433502_s	TSR1, 20S rRNA accumulation, homolog (yeast)	Tsr1	104662	-1.4	0.001537
1451152_a	ATPase, Na+/K+ transporting, beta 1 polypeptide	Atp1b1	11931	-1.4	0.00399731
1433567_at	guanine monophosphate synthetase	Gmps	229363	-1.4	0.00172505
1433907_at	Pbx/knotted 1 homeobox 2	Pknox2	208076	-1.4	0.0024623
1435057_x	polymerase (RNA) I polypeptide E	Polr1e	64424	-1.4	0.00504247
1435282_at	gene model 967, (NCBI)	Gm967	381217	-1.4	0.00768489
1450627_at	progressive ankylosis	Ank	11732	-1.4	0.00105612
1435252_at	UDP-Gal:betaGal beta 1,3-galactosyltransferase, polypeptide 6	B3galt6	117592	-1.4	0.03390006
1416432_at	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	Pfkfb3	170768	-1.4	0.0040803
1451026_at	FtsJ homolog 3 (E. coli)	Ftsj3	56095	-1.4	0.00518366
1417270_at	WD repeat domain 12	Wdr12	57750	-1.4	0.04010307
1449408_at	junction adhesion molecule 2	Jam2	67374	-1.4	0.01715498
1428074_at	transmembrane protein 158	Tmem158	72309	-1.4	0.01532434
1451540_at	mannose phosphate isomerase	Mpi	110119	-1.4	0.03583151
1448270_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 21	Ddx21	56200	-1.4	0.00956159
1435283_s	gene model 967, (NCBI)	Gm967	381217	-1.4	0.00339589
1416962_at	regulator of chromosome condensation 1	Rcc1	100088	-1.4	0.02334246
1419883_s	ATPase, H+ transporting, lysosomal V1 subunit B2	Atp6v1b2	11966	-1.4	0.02606209
1448014_s	ubiquitin specific peptidase 24	Usp24	329908	-1.4	0.00358317
1454841_at	URB1 ribosome biogenesis 1 homolog (S. cerevisiae)	Urb1	207932	-1.4	0.00576852
1436568_at	junction adhesion molecule 2	Jam2	67374	-1.4	0.01271494
1428223_at	major facilitator superfamily domain containing 2	Mfsd2	76574	-1.4	0.01453271
1451508_at	La ribonucleoprotein domain family, member 2	Larp2	214048	-1.4	0.01155902
1452445_at	Mus musculus, clone IMAGE:3980872, mRNA	Slc41a2	338365	-1.4	0.03015681
1434185_at	acetyl-Coenzyme A carboxylase alpha	Acaca	107476	-1.4	0.04851745
1418222_at	RIKEN cDNA 2610024G14 gene	2610024G14Rik	56412	-1.4	0.00083315
1428870_at	nucleolar and coiled-body phosphoprotein 1	Nolc1	70769	-1.4	0.00272392
1421321_a	neuroepithelial cell transforming gene 1	Net1	56349	-1.4	0.02963884
1436196_at	hypothetical protein C030046G05	C030046G05	327885	-1.4	0.02144374
1440799_s	FERM, RhoGEF and pleckstrin domain protein 2	Farp2	227377	-1.4	0.02065468
1459546_s	ectonucleotide pyrophosphatase/phosphodiesterase 1	Enpp1	18605	-1.4	0.03198008

SUPPLEMENTAL TABLE 4: List Of Genes Down Regulated By P4 That Are Dependent On SRC-2					
Probe set	Gene Title	Gene Symbol	Entrez ID	Fold change	p value
1423367_at	wingless-related MMTV integration site 7A	Wnt7a	22421	3.3	0.0236
1427323_s_s	WD repeat domain, phosphoinositide interacting 1	Wipi1	52639	2.3	0.0097
1453231_at	cyclin-dependent kinase-like 1 (CDC2-related kinase)	Cdkl1	71091	2.2	0.0188
1430143_at	RIKEN cDNA 4930426D05 gene	4930426D05Rik	74644	1.7	0.0036
1438567_at	von Willebrand factor A domain containing 2	Vwa2	240675	1.7	0.0312
1437244_at	growth arrest-specific 2 like 3	Gas2l3	237436	1.7	0.0240
1441338_at	RIKEN cDNA 5930412G12 gene	5930412G12Rik	319616	1.7	0.0256
1418174_at	D site albumin promoter binding protein	Dbp	13170	1.7	0.0103
1427961_s_s	UDP glucuronosyltransferase 2 family, polypeptide B34	Ugt2b34	100727	1.7	0.0491
1441975_at	acid phosphatase, prostate	Acpp	56318	1.7	0.0206
1453289_at	eukaryotic translation initiation factor 2C, 4	Eif2c4	76850	1.7	0.0224
1428332_at	phosphoinositide-3-kinase interacting protein 1	Pik3ip1	216505	1.6	0.0243
1450781_at	high mobility group AT-hook 2	Hmga2	15364	1.6	0.0010
1440048_at	SWI/SNF related, matrix associated, actin dependent regulator of chromatin	Smarca5	93762	1.6	0.0049
1422851_at	high mobility group AT-hook 2	Hmga2	15364	1.6	0.0294
1441213_at	cDNA sequence BC021891	BC021891	234878	1.6	0.0204
1450988_at	leucine rich repeat containing G protein coupled receptor 5	Lgr5	14160	1.6	0.0290
1446847_at	coiled-coil domain containing 88C	Ccdc88c	68339	1.6	0.0482
1443536_at	solute carrier family 7 (cationic amino acid transporter, y+ system), member 11	Slc7a11	26570	1.6	0.0033
1441926_x_s	transmembrane inner ear	Tmie	20776	1.6	0.0188
1416101_a_s	histone cluster 1, H1c	Hist1h1c	50708	1.5	0.0085
1437633_at	ankyrin repeat domain 11	Ankrd11	77087	1.5	0.0108
1429551_at	RIKEN cDNA 4930579G22 gene	4930579G22Rik	69034	1.5	0.0382
1456262_at	RNA binding motif protein 5	Rbm5	83486	1.5	0.0059
1457140_s_s	Ras association (RalGDS/AF-6) domain family (N-terminal) member 10	Rassf10	78748	1.5	0.0192
1433434_at	expressed sequence AW551984	AW551984	244810	1.5	0.0489
1420019_at	Tetraspanin 8 (Tspan8), mRNA	Tspan8	216350	1.5	0.0030
1422185_a_s	cytochrome b5 reductase 3	Cyb5r3	109754	1.5	0.0046
1437661_at	expressed sequence AU021092	AU021092	239691	1.5	0.0021
1442143_at	anoctamin 4	Ano4	320091	1.5	0.0482
1454880_s_s	BCL2 modifying factor	Bmf	171543	1.5	0.0049
1426621_a_s	protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), beta isoform	Ppp2r2b	72930	1.5	0.0360
1442368_at	potassium channel tetramerisation domain containing 12b	Kctd12b	207474	1.5	0.0078
1418359_at	Williams Beuren syndrome chromosome region 27 (human)	Wbscr27	79565	1.5	0.0092
1447551_x_s	latrophilin 3	Lphn3	319387	1.5	0.0249
1419070_at	cystin 1	Cys1	12879	1.5	0.0390
1421317_x_s	myeloblastosis oncogene	Myb	17863	1.5	0.0377
1438069_a_s	RNA binding motif protein 5	Rbm5	83486	1.5	0.0416
1455220_at	frequently rearranged in advanced T-cell lymphomas 2	Frat2	212398	1.5	0.0139

1436596_at	H2A histone family, member V	H2afv	77605	1.5	0.0016
1453645_at	RIKEN cDNA 2700046A07 gene	2700046A07Rik	78449	1.5	0.0327
1452507_at	distal-less homeobox 6	Dlx6	13396	1.5	0.0183
1426566_s	interleukin 17 receptor E	Il17re	57890	1.4	0.0158
1425538_x	carcinoembryonic antigen-related cell adhesion molecule 1	Ceacam1	26365	1.4	0.0399
1452935_at	predicted gene, EG546143	EG546143	546143	1.4	0.0086
1434156_at	RAB11 family interacting protein 4 (class II)	Rab11fip4	268451	1.4	0.0448
1426604_at	ribonuclease L (2', 5'-oligoadenylate synthetase-dependent)	Rnase1	24014	1.4	0.0039
1436357_at	predicted gene, ENSMUSG00000072593	ENSMUSG00000	100191074	1.4	0.0146
1428936_at	ATPase, Ca ⁺⁺ transporting, plasma membrane 1	Atp2b1	67972	1.4	0.0377
1453261_at	RIKEN cDNA 2610035D17 gene	2610035D17Rik	72386	1.4	0.0072
1443640_at	Zinc finger protein 617 (Zfp617), mRNA	Zfp617	170938	1.4	0.0109
1451539_at	BAI1-associated protein 2-like 1	Baiap2l1	66898	1.4	0.0284
1428523_at	latrophilin 3	Lphn3	319387	1.4	0.0186
1452588_at	zinc finger protein 688	Zfp688	69234	1.4	0.0121
1450839_at	DNA segment, human D4S114	D0H4S114	27528	1.4	0.0250
1454617_at	arrestin domain containing 3	Arrdc3	105171	1.4	0.0010
1450227_at	ankyrin repeat domain 6	Ankrd6	140577	1.4	0.0335
1456888_at	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4	Pfkfb4	270198	1.4	0.0039
1455992_at	vestigial like 4 (Drosophila)	Vgll4	232334	1.4	0.0078
1456351_at	bromodomain containing 8	Brd8	78656	1.4	0.0128
1443964_at	transmembrane inner ear	Tmie	20776	1.4	0.0255
1436994_a	histone cluster 1, H1c	Hist1h1c	50708	1.4	0.0098
1438756_at	ankyrin repeat domain 29	Ankrd29	225187	1.4	0.0410
1451326_at	abhydrolase domain containing 14b	Abhd14b	76491	1.4	0.0086
1450967_at	protein tyrosine phosphatase-like A domain containing 2	Ptplad2	66775	1.4	0.0191
1419458_at	Rho-guanine nucleotide exchange factor	Rgnef	110596	1.4	0.0327
1453416_at	growth arrest-specific 2 like 3	Gas2l3	237436	1.4	0.0324
1416922_a	BCL2/adenovirus E1B interacting protein 3-like	Bnip3l	12177	1.4	0.0014
1426624_a	yippee-like 3 (Drosophila)	Ypel3	66090	1.4	0.0022
1422941_at	wingless-related MMTV integration site 16	Wnt16	93735	1.4	0.0148
1451019_at	cathepsin F	Ctsf	56464	1.4	0.0001
1420947_at	alpha thalassemia/mental retardation syndrome X-linked homolog (human)	Atrx	22589	1.4	0.0222
1418472_at	aspartoacylase	Aspa	11484	1.4	0.0264
1455646_at	RIKEN cDNA 2010004M13 gene	2010004M13Rik	76511	1.4	0.0153
1440619_at	mitogen-activated protein kinase 8 interacting protein 1	Mapk8ip1	19099	1.4	0.0339
1417000_at	ankyrin repeat and BTB (POZ) domain containing 1	Abtb1	80283	1.4	0.0024
1435499_at	leucine zipper-EF-hand containing transmembrane protein 2	Letm2	270035	1.4	0.0158
1437217_at	ankyrin repeat domain 6	Ankrd6	140577	1.4	0.0074
1420416_at	sema domain, immunoglobulin domain (Ig), short basic domain, secreted	Sema3a	20346	1.4	0.0148
1427369_at	NLR family, pyrin domain containing 6	Nlrp6	101613	1.4	0.0372

1435198_at	predicted gene, 545228	545228	545228	1.4	0.0245
1446802_at	ATX1 (antioxidant protein 1) homolog 1 (yeast), mRNA (cDNA clone M	Atox1	11927	1.4	0.0057
1451453_at	death-associated protein kinase 2	Dapk2	13143	1.4	0.0082
1437110_at	RIKEN cDNA 2810474O19 gene	2810474O19Rik	67246	1.4	0.0027
1421912_at	solute carrier family 23 (nucleobase transporters), member 1	Slc23a1	20522	1.4	0.0462
1423375_at	RIKEN cDNA 1700023B02 gene	1700023B02Rik	66935	1.4	0.0062
1450782_at	wingless-related MMTV integration site 4	Wnt4	22417	1.4	0.0271