

Table S1. Top 800^a bioweight genes

Probe	R/P ^b	Bioweight	Gene	Description	Accession
1452790_x_at	R	4.068	Ndufa3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 3	AV048277
1422586_at	R	3.041	Ecel1	endothelin converting enzyme-like 1	NM_021306
1448685_at	R	2.975	2900010M23Rik	RIKEN cDNA 2900010M23 gene	NM_026063
1418300_a_at	R	2.861	Mknk2	MAP kinase-interacting serine/threonine kinase 2	NM_021462
1456109_a_at	R	2.860	Mrps15	mitochondrial ribosomal protein S15	BB314055
1450795_at	R	2.837	Lhb	luteinizing hormone beta	NM_008497
1416134_at	R	2.792	Aplp1	amyloid beta (A4) precursor-like protein 1	NM_007467
1418255_s_at	R	2.695	Srf	serum response factor	BI662291
1437164_x_at	R	2.657	Atp5o	ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit	AV066932
1428464_at	R	2.585	Ndufa3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3	AV048277
1436064_x_at	R	2.425	Rps24	ribosomal protein S24	AV004977
1455950_x_at	R	2.404	Rpl35	RIKEN cDNA 1700123D08 gene	AV172221
1422532_at	R	2.396	Xpc	xeroderma pigmentosum, complementation group C	NM_009531
1460711_at	R	2.388	9930116P15Rik	ES cells cDNA, RIKEN clone:C330022M23	BG071611
1451307_at	R	2.355	1110006111Rik	RIKEN cDNA 1110006111 gene	BC027021
1437621_x_at	R	2.308		AV216768 RIKEN clone 2410167D16 3' similar to L21027	AV216768
1423948_at	R	2.242	Bag2	Bcl2-associated athanogene 2	BC016230
1433603_at	R	2.210	BC059730	CDNA clone IMAGE:6772417, with apparent retained intron	C88200
1422614_s_at	R	2.192	Bloc1s1	GCN5 general control of amino acid synthesis-like 1 (yeast)	NM_015740
1416367_at	R	2.175	1110001J03Rik	RIKEN cDNA 1110001J03 gene	NM_025363
1417657_s_at	R	2.121	Zrf2	zuotin related factor 2	BG067003
1455106_a_at	R	2.120	Ckb	creatine kinase, brain	BG967663
1416584_at	R	2.109	Man2b2	mannosidase 2, alpha B2	NM_008550
1416494_at	R	2.091	Ndufs5	NADH dehydrogenase (ubiquinone) Fe-S protein 5	NM_134104
1418256_at	R	2.043	Srf	serum response factor	BI662291
1427294_a_at	R	2.036	1810073N04Rik	RIKEN cDNA 1810073N04 gene	BB406585
1417348_at	R	2.034	2310039H08Rik	male enhanced antigen 1	NM_025966
1418910_at	R	2.011	Bmp7	bone morphogenetic protein 7	NM_007557
1452367_at	R	2.008	Coro2a	tripartite motif-containing 14	AI316747
1454674_at	R	1.994	Fez1	fasciculation and elongation protein zeta 1 (zygin I)	AU067669
1428494_a_at	R	1.985	Polr2i	polymerase (RNA) II (DNA directed) polypeptide I	BB284638
1428869_at	R	1.961	Nolc1	nucleolar and coiled-body phosphoprotein 1	BM213850
1419292_at	R	1.938	9530081K03Rik	RIKEN cDNA 9530081K03 gene	NM_030127
1424871_s_at	R	1.930	1500031H01Rik	cDNA sequence BC013706	BC013706
1416713_at	R	1.917	2700055K07Rik	RIKEN cDNA 2700055K07 gene	NM_026481
1434646_s_at	R	1.916	Sap18	Sin3-associated polypeptide 18	AV023865
1423857_at	R	1.914	Mrpl30	mitochondrial ribosomal protein L30	BC004614
1418448_at	R	1.914	Rras	Harvey rat sarcoma oncogene, subgroup R	NM_009101
1424018_at	R	1.910	Hint1	histidine triad nucleotide binding protein 1	U60001
1437450_x_at	R	1.877	2700060E02Rik	RIKEN cDNA 2700060E02 gene	AV167877
1425248_a_at	R	1.875	Tyro3	TYRO3 protein tyrosine kinase 3	AB000828
1424002_at	R	1.874	Pdcl3	phosducin-like 3	BC005601
1450466_at	R	1.867		Adult male corpora quadrigemina cDNA, RIKEN full-length enriched library, clone:B230310J22 product:unclassifiable, full insert	BI739719
1448917_at	R	1.865	Thrap6	thyroid hormone receptor associated protein 6	NM_027212
1423676_at	R	1.861	Atp5h	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit d	AF354051
1416495_s_at	R	1.849	Ndufs5	NADH dehydrogenase (ubiquinone) Fe-S protein 5	NM_134104
1428076_s_at	R	1.843	Ndufb4	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 4	BG968046

1420368_at	R	1.830	Denr	Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410004J11:Density-Regulated Protein, full insert sequence.	AK010394
1418709_at	R	1.785	Cox7a1	cytochrome c oxidase, subunit VIIa 1	AF037370
1418273_a_at	R	1.770	Rpl30	ribosomal protein L30	NM_009083
1416859_at	R	1.766	Fkbp3	FK506 binding protein 3	NM_013902
1424172_at	R	1.763	Hagh	hydroxyacyl glutathione hydrolase	BC004749
1437133_x_at	R	1.751	Akr1b3	2 days pregnant female oviduct cDNA, RIKEN full-length enriched library, clone:E230024H01:unknown EST, full insert sequence	AV127085
1424391_at	R	1.750	Nrd1	nardilysin, N-arginine dibasic convertase, NRD convertase 1	BC026832
1424830_at	R	1.739	Ccnk	cyclin K	BC027297
1434396_a_at	R	1.739	Myl6	myosin light chain, alkali, nonmuscle	AU017189
1435755_at	R	1.734	1110001A16Rik	RIKEN cDNA 1110001A16 gene	BB609468
1448794_s_at	R	1.730	Zrf2	zuotin related factor 2	BG067003
1460724_at	R	1.729	Ap2a1	adaptor protein complex AP-2, alpha 1 subunit	NM_007458
1416337_at	R	1.719	Uqcrb	ubiquinol-cytochrome c reductase binding protein	NM_026219
1422480_at	R	1.710	Snx3	sorting nexin 3	NM_017472
1460581_a_at	R	1.701	Rpl13	Transcribed sequence with strong similarity to protein ref:NP_150254.1 (H.sapiens) ribosomal protein L13; 60S ribosomal protein L13; breast basic conserved protein 1 [Homo sapiens]	AI506565
1423090_x_at	R	1.698	Sec61g	Transcribed sequence with strong similarity to protein sp:P38384 (H.sapiens) S61G_HUMAN Protein transport protein SEC61 gamma subunit	AV216331
1421260_a_at	R	1.697	Srm	spermidine synthase	NM_009272
1434053_x_at	R	1.681	Atp5k	ATP synthase, H+ transporting mitochondrial F1F0 complex, subunit e	AV216686
1425300_at	R	1.670	BC021917	cDNA sequence BC021917	BC021917
1439389_s_at	R	1.659	Myadm	BB500055 RIKEN full-length enriched, 0 day neonate kidney Mus musculus cDNA clone D630024J02 3' similar to AJ001616 Mus musculus mRNA for myeloid associated differentiation protein, mRNA sequence.	BB500055
1417394_at	R	1.658	Klf4	Kruppel-like factor 4 (gut)	BG069413
1438563_s_at	R	1.650	Mrps24	AV069725 Mus musculus small intestine C57BL/6J adult Mus musculus cDNA clone 2010312F15, mRNA sequence.	AV069725
1449029_at	R	1.648	Mknk2	MAP kinase-interacting serine/threonine kinase 2	NM_021462
1416098_at	R	1.648	Syngn3	synaptogyrin 3	NM_011522
1448440_x_at	R	1.631	D17Wsu104e	interleukin 25	NM_080837
1427943_at	R	1.629	Acyp2	acylphosphatase 2, muscle type	BI730288
1448319_at	R	1.628	Akr1b3	aldo-keto reductase family 1, member B3 (aldose reductase)	NM_009658
1422608_at	R	1.625	Arpp19	cAMP-regulated phosphoprotein 19	BE648432
1452184_at	R	1.620	Ndubf9	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9	W29413
1456691_s_at	R	1.614	Srd5a2l	BB825787 RIKEN full-length enriched, mammary gland RCB-0526 Jyg-MC(A) cDNA Mus musculus cDNA clone G830039K08 3', mRNA	BB825787
1418226_at	R	1.607	Orc2l	origin recognition complex, subunit 2-like (S. cerevisiae)	BB830976
1434442_at	R	1.607	D5Erttd593e	DNA segment, Chr 5, ERATO Doi 593, expressed	BB667844
1423610_at	R	1.605	Metap2	Adult retina cDNA, RIKEN full-length enriched library, clone:A930035J23 product:unknown EST, full insert sequence	BG086961
1416673_at	R	1.600	Bace2	beta-site APP-cleaving enzyme 2	NM_019517
1416765_s_at	R	1.598	Magmas	mitochondria-associated protein involved in granulocyte-macrophage colony-stimulating factor signal transduction	NM_025571
1417432_a_at	R	1.596	Gnb1	guanine nucleotide binding protein, beta 1	NM_008142
1418942_at	R	1.591	Ccdc2	coiled-coil domain containing 2	NM_026319
1435041_at	R	1.582	Myl6	myosin light chain, alkali, nonmuscle	BI108818

1426659_a_at	R	1.571	BC029892	Similar to 60S ribosomal protein L23a (LOC268449), mRNA	BF178310
1452357_at	R	1.569	Sept5	septin 5	AF033350
1456471_x_at	R	1.569	Phgdh	Transcribed sequence with strong similarity to protein sp:Q61753 (M.musculus) SERA_MOUSE D-3-phosphoglycerate dehydrogenase	BB204486
1448483_a_at	R	1.569	Ndufb2	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2	NM_026612
1453362_x_at	R	1.567	Rps24	ribosomal protein S24	AK008386
1448050_s_at	R	1.566	Map4k4	mitogen-activated protein kinase kinase kinase kinase 4	BF450398
1422507_at	R	1.552	Cstb	cystatin B	NM_007793
1427939_s_at	R	1.551	Mycbp	c-myc binding protein	BB046347
1436510_a_at	R	1.547	Lrrfip2	leucine rich repeat (in FLII) interacting protein 2	BE456782
1427913_at	R	1.546	Rwdd1	RWD domain containing 1	AK003262
1417389_at	R	1.545	Gpc1	glypican 1	NM_016696
1448353_x_at	R	1.534	Rpn1	ribophorin I	NM_133933
1426657_s_at	R	1.522	Phgdh	3-phosphoglycerate dehydrogenase	L21027
1426964_at	R	1.521	3110003A17Rik	RIKEN cDNA 3110003A17 gene	AK013984
1415761_at	R	1.521	Mrpl52	mitochondrial ribosomal protein L52	AV021593
1435857_s_at	R	1.520	Aplp1	amyloid beta (A4) precursor-like protein 1	AI848048
1416850_s_at	R	1.519	D10Ert214e	DNA segment, Chr 10, ERATO Doi 214, expressed	NM_134007
1448439_at	R	1.515	D17Wsu104e	interleukin 25	NM_080837
1438001_x_at	R	1.510	Dp1	deleted in polyposis 1	AV054377
1422794_at	R	1.503	Cul3	cullin 3	AV273804
1428340_s_at	R	1.503	1110012E06Rik	RIKEN cDNA 1110012E06 gene	BM944122
1449482_at	R	1.498	Hist3h2ba	histone 3, H2ba	NM_030082
1448784_at	R	1.496	Taf10	TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor	NM_020024
1452584_at	R	1.495	1500032L24Rik	RIKEN cDNA 1500032L24 gene	BG915677
1418327_at	R	1.495	1110058L19Rik	RIKEN cDNA 1110058L19 gene	NM_026503
1424110_a_at	R	1.486	Nme1	expressed in non-metastatic cells 1, protein	BC005629
1423972_at	R	1.482	Etfa	electron transferring flavoprotein, alpha polypeptide	BC003432
1436840_x_at	R	1.471	Rpl35	Transcribed sequence with strong similarity to protein sp:P42766 (H.sapiens) RL35_HUMAN 60S ribosomal protein L35	AV124739
1416834_x_at	R	1.469	Ndufb2	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2	NM_026612
1428679_s_at	R	1.461	0610010K14Rik	RIKEN cDNA 0610010K14 gene	AK003842
1448623_at	R	1.456	2310075C12Rik	RIKEN cDNA 2310075C12 gene	NM_133739
1423804_a_at	R	1.455	Idi1	isopentenyl-diphosphate delta isomerase	BC004801
1431771_a_at	R	1.446	Irak1bp1	interleukin-1 receptor-associated kinase 1 binding protein 1	AK014712
1424121_at	R	1.444	Commd1	COMM domain containing 1	AB076722
1437013_x_at	R	1.433	Atp6v0b	AV339131 RIKEN full-length enriched, adult male olfactory bulb Mus musculus cDNA clone 6430502C13 3', mRNA sequence.	AV339131
1437908_a_at	R	1.432	1200007D18Rik	RIKEN cDNA 1200007D18 gene	BB095626
1423916_s_at	R	1.429	Mlf2	myeloid leukemia factor 2	BC003975
1422718_at	R	1.427	Ap3s2	adaptor-related protein complex 3, sigma 2 subunit	NM_009682
1417501_at	R	1.425	Fbxo6b	F-box only protein 6b	NM_015797
1451259_at	R	1.424	Smfn	small fragment nuclease	BC003445
1428360_x_at	R	1.419	Ndufa7	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7 (B14.5a)	BI558499
1448595_a_at	R	1.416	Rex3	reduced expression 3	NM_009052
1422432_at	R	1.412	Dbi	diazepam binding inhibitor	NM_007830
1448331_at	R	1.411	Ndufb7	calmegin	NM_025843
1428122_s_at	R	1.410	2610528K11Rik	RIKEN cDNA 2610528K11 gene	AK012178
1424396_a_at	R	1.407	Asrgl1	asparaginase like 1	AU040643
1427938_at	R	1.407	Mycbp	c-myc binding protein	BB046347
1419398_a_at	R	1.406	Dp1	deleted in polyposis 1	NM_007874
1460670_at	R	1.399	Riok3	RIO kinase 3 (yeast)	NM_024182
1418577_at	R	1.396	Trim8	tripartite motif protein 8	BG063064

1449080_at	R	1.394	Hdac2	histone deacetylase 2	NM_008229
1428075_at	R	1.386	Ndufb4	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 4	BG968046
1451045_at	R	1.379	Syt13	synaptotagmin 13	BE648447
1417652_a_at	R	1.376	Tbca	tubulin cofactor a	NM_009321
1460701_a_at	R	1.371	Mrpl52	mitochondrial ribosomal protein L52	AV021593
1434872_x_at	R	1.369	Rpl37	AV170241 Mus musculus head C57BL/6J 13-day embryo Mus musculus cDNA clone 3110094P05, mRNA sequence.	AV170241
1423686_a_at	R	1.364	1110020C13Rik	RIKEN cDNA 1110020C13 gene	BC016234
1456244_x_at	R	1.359	Txn12	thioredoxin-like 2	BB458835
1418896_a_at	R	1.359	Rpn2	ribophorin II	NM_019642
1455749_x_at	R	1.359	Ndufa7	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7 (B14.5a)	C88880
1437907_a_at	R	1.352	Tbca	tubulin cofactor a	BB559082
1449294_at	R	1.348	Mrps15	mitochondrial ribosomal protein S15	NM_025544
1452646_at	R	1.347	1110029F20Rik	RIKEN cDNA 1110029F20 gene	AK003956
1419455_at	R	1.346	Il10rb	interleukin 10 receptor, beta	NM_008349
1426660_x_at	R	1.345	BC029892	Similar to 60S ribosomal protein L23a (LOC268449), mRNA	BF178310
1439415_x_at	R	1.345	Rps21	ribosomal protein S21	AV151252
1426297_at	R	1.344	Tcfe2a	transcription factor E2a	AF352579
1450638_at	R	1.342	Pdcd5	programmed cell death 5	AF161074
1438503_x_at	R	1.339	Edf1	AV102509 Mus musculus C57BL/6J ES cell Mus musculus cDNA clone 2410098K03, mRNA sequence.	AV102509
1426744_at	R	1.339	Srebf2	sterol regulatory element binding factor 2	BM123132
1416057_at	R	1.335	Np15	nuclear protein 15.6	BC027265
1415716_a_at	R	1.321	Rps27	ribosomal protein S27	AA208652
1422615_at	R	1.315	Map4k4	mitogen-activated protein kinase kinase kinase kinase 4	NM_008696
1449256_a_at	R	1.313	Rab11a	RAB11a, member RAS oncogene family	BC010722
1422778_at	R	1.312	Taf9	TAF9 RNA polymerase II, TATA box binding protein (TBP)- associated factor	NM_027139
1424684_at	R	1.310	Rab5c	RAB5C, member RAS oncogene family	BC023027
1428257_s_at	R	1.305	Dncl2a	dynein, cytoplasmic, light chain 2A	BG791323
1417103_at	R	1.298	Ddt	D-dopachrome tautomerase	NM_010027
1416910_at	R	1.296	Dnajd1	Dnaj (Hsp40) homolog, subfamily D, member 1	NM_025384
1415919_at	R	1.295	Npdc1	neural proliferation, differentiation and control gene 1	NM_008721
1417510_at	R	1.293	Vps4a	vacuolar protein sorting 4a (yeast)	NM_126165
1426209_at	R	1.291	Strn4	striatin, calmodulin binding protein 4	AF414080
1435431_at	R	1.289	2310047M15Rik	RIKEN cDNA 2310047M15 gene	AW558989
1448427_at	R	1.283	Ndufa6	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6 (B14)	NM_025987
1417399_at	R	1.280	Gas6	growth arrest specific 6	NM_019521
1456663_x_at	R	1.273	2410018G23Rik	BB718785 RIKEN full-length enriched, adult male liver tumor Mus musculus cDNA clone C730019F01 3', mRNA sequence.	BB718785
1449429_at	R	1.273	Fkbp1b	FK506 binding protein 1b	NM_016863
1429708_at	R	1.271	Ndufa11	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex	AA596846
1449046_a_at	R	1.270	1110007C05Rik	RIKEN cDNA 1110007C05 gene	NM_025368
1420842_at	R	1.269	Ptprf	protein tyrosine phosphatase, receptor type, F	BF235516
1435517_x_at	R	1.266	Ralb	BB465250 RIKEN full-length enriched, 12 days embryo spinal ganglion Mus musculus cDNA clone D130097N13 3' similar to L19699 Rat GTP-binding protein (ral B) mRNA, mRNA sequence.	BB465250
1420878_a_at	R	1.264	Ywhab	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide	NM_018753
1448320_at	R	1.256	Stim1	stromal interaction molecule 1	NM_009287
1424285_s_at	R	1.254	Arl6ip4	ADP-ribosylation factor-like 6 interacting protein 4	AB035383

1435873_a_at	R	1.253	Rpl13a	Transcribed sequence with strong similarity to protein pir:S29539 (H.sapiens) S29539 ribosomal protein L13a, cytosolic - human	AI324936
1416816_at	R	1.253	Nek7	NIMA (never in mitosis gene a)-related expressed kinase 7	NM_021605
1416845_at	R	1.252	Hspa5bp1	heat shock 70kDa protein 5 binding protein 1	NM_133804
1451232_at	R	1.250	Cd151	CD151 antigen	U89772
1452111_at	R	1.247	Mrps35	mitochondrial ribosomal protein S35	AV304074
1426475_at	R	1.244	Hmbs	Similar to Hydroxymethylbilane synthase (LOC383565), mRNA	AI325144
1451573_a_at	R	1.243	Stx4a	syntaxin 4A (placental)	BC011491
1427903_at	R	1.242	Phpt1	RIKEN cDNA 1700008C22 gene	BB650419
1418888_a_at	R	1.239	Sepr	selenoprotein R	NM_013759
1418991_at	R	1.235	Bak1	BCL2-antagonist/killer 1	NM_007523
1416782_s_at	R	1.235	DXImx39e	DNA segment, Chr X, Immunex 39, expressed	NM_138602
1416050_a_at	R	1.232	Scarb1	scavenger receptor class B, member 1	NM_016741
1427119_at	R	1.230	Spink4	serine protease inhibitor, Kazal type 4	AV066321
1417285_a_at	R	1.230	Ndufa5	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5	NM_026614
1417340_at	R	1.223	Txn12	thioredoxin-like 2	NM_023140
1422527_at	R	1.221	H2-DMa	histocompatibility 2, class II, locus DMA	NM_010386
1456628_x_at	R	1.221	Rps24	ribosomal protein S24	AV111319
1454870_x_at	R	1.218	D15ErtD747e	DNA segment, Chr 15, ERATO Doi 747, expressed	BB251205
1451399_at	R	1.218	Brp17	brain protein 17	BC008274
1460739_at	R	1.217	D11Bwg0280e	DNA segment, Chr 11, Brigham & Women's Genetics 0280e expressed	BQ174371
1460718_s_at	R	1.216	Mtch1	mitochondrial carrier homolog 1 (C. elegans)	AF192558
1418225_at	R	1.215	Orc2l	origin recognition complex, subunit 2-like (S. cerevisiae)	BB830976
1427173_a_at	R	1.213	Mrps33	mitochondrial ribosomal protein S33	Y17852
1449188_at	R	1.211	Midn	midnolin	NM_021565
1454856_x_at	R	1.211	Rpl35	ribosomal protein L35	AV066335
1426940_at	R	1.209	BC023957	cDNA sequence BC023957	BI412808
1418439_at	R	1.208	2900055D03Rik	RIKEN cDNA 2900055D03 gene	NM_026065
1449855_s_at	R	1.206	Uchl3	ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase)	AB033370
1416243_a_at	R	1.203	Rpl35	ribosomal protein L35	NM_025592
1418567_a_at	R	1.200	Srp14	signal recognition particle 14	NM_009273
1451385_at	R	1.199	2310056P07Rik	RIKEN cDNA 2310056P07 gene	BC010826
1453634_a_at	R	1.196	Erp29	endoplasmic reticulum protein 29	AK013303
1438177_x_at	R	1.193	Lysal1	AV255351 RIKEN full-length enriched, adult male testis (DH10B) Mus musculus cDNA clone 4921519B12 3', mRNA sequence.	AV255351
1424351_at	R	1.191	1600023A02Rik	RIKEN cDNA 1600023A02 gene	AF334269
1416109_at	R	1.190	Fuca	fucosidase, alpha-L- 1, tissue	NM_024243
1427764_a_at	R	1.189	Tcfe2a	transcription factor E2a	D29919
1424708_at	R	1.188	1110014C03Rik	RIKEN cDNA 1110014C03 gene	BI409239
1424269_a_at	R	1.187	Myl6	myosin light chain, alkali, nonmuscle	BC026760
1435067_at	R	1.187	B230208H17Rik	RIKEN cDNA B230208H17 gene	BG075288
1448604_at	R	1.185	AA407809	expressed sequence AA407809	NM_030724
1424380_at	R	1.185	BC026744	cDNA sequence BC026744	BC026744
1433472_x_at	R	1.182	Rpl38	RIKEN cDNA 0610025G13 gene	AA050777
1426534_a_at	R	1.182	Arfgap3	ADP-ribosylation factor GTPase activating protein 3	BG067878
1423717_at	R	1.177	Ak3l	adenylate kinase 3 alpha-like	BC019174
1418049_at	R	1.174	Ltbp3	latent transforming growth factor beta binding protein 3	NM_008520
1435232_x_at	R	1.173	Mrpl15	mitochondrial ribosomal protein L15	BI791064
1425194_a_at	R	1.173	6330577E15Rik	RIKEN cDNA 6330577E15 gene	BC024403
1424204_at	R	1.173	Mrpl13	mitochondrial ribosomal protein L13	AB049641
1448217_a_at	R	1.171	Rpl27	ribosomal protein L27	NM_011289
1448357_at	R	1.169	Snrpg	small nuclear ribonucleoprotein polypeptide G	NM_026506
1415762_x_at	R	1.164	Mrpl52	mitochondrial ribosomal protein L52	AV021593

1452061_s_at	R	1.164	Strbp	spermatid perinuclear RNA binding protein	AK006314
1423035_s_at	R	1.163	Txn15	thioredoxin-like 5	AK004219
1448543_at	R	1.163	2310042G06Rik	RIKEN cDNA 2310042G06 gene	NM_025531
1417320_at	R	1.161	Grpel1	GrpE-like 1, mitochondrial	NM_024478
1434120_a_at	R	1.159	Metap2	methionine aminopeptidase 2	AW742814
1437679_a_at	R	1.159	Glrx2	BB172698 RIKEN full-length enriched, adult male hypothalamus <i>Mus musculus</i> cDNA clone A230040G05 3', mRNA sequence.	BB172698
1423764_s_at	R	1.158	Mrpl37	mitochondrial ribosomal protein L37	BC011065
1428842_a_at	R	1.155	Ngfrap1	nerve growth factor receptor (TNFRSF16) associated protein 1	BI407690
1423680_at	R	1.155	Fads1	RIKEN cDNA 0710001O03 gene	BC026831
1421861_at	R	1.155	Clstn1	calyntenin 1	BG065300
1439454_x_at	R	1.152	2410018G23Rik	RIKEN cDNA 2410018G23 gene	AV337733
1416108_a_at	R	1.150	1200002G13Rik	RIKEN cDNA 1200002G13 gene	NM_025360
1434924_at	R	1.149	Phf2	PHD finger protein 2	BF468039
1426480_at	R	1.148	Sbds	Shwachman-Bodian-Diamond syndrome homolog (human)	BB773592
1417481_at	R	1.146	Ramp1	receptor (calcitonin) activity modifying protein 1	NM_016894
1452272_a_at	R	1.144	Gfer	growth factor, erv1 (<i>S. cerevisiae</i>)-like (augmenter of liver regeneration)	BI901126
1428310_at	R	1.142	D3Wsu161e	RIKEN cDNA C330027G06 gene	BF321707
1428823_at	R	1.140	2310057G13Rik	RIKEN cDNA 2310057G13 gene	AK009957
1424773_at	R	1.140	1110012M11Rik	RIKEN cDNA 1110012M11 gene	BC020119
1418248_at	R	1.140	Gla	galactosidase, alpha	NM_013463
1418123_at	R	1.140	Unc119	unc-119 homolog (<i>C. elegans</i>)	BC001990
1417773_at	R	1.139	Nans	602916387F1 NCI_CGAP_Lu29 <i>Mus musculus</i> cDNA clone IMAGE:5067068 5', mRNA sequence.	BI151886
1416493_at	R	1.136	Ddost	dolichyl-di-phosphooligosaccharide-protein glycotransferase	NM_007838
1423240_at	R	1.134	Src	Rous sarcoma oncogene	BG868120
1422579_at	R	1.132	Hspe1	heat shock protein 1 (chaperonin 10)	NM_008303
1448292_at	R	1.129	Uqcr	ubiquinol-cytochrome c reductase (6.4kD) subunit	NM_025650
1455288_at	R	1.128	1110036O03Rik	RIKEN cDNA 1110036O03 gene	BE951265
1450106_a_at	R	1.127	Evl	Ena-vasodilator stimulated phosphoprotein	NM_007965
1416807_at	R	1.125	Rpl36a	ribosomal protein L36a	NM_019865
1417344_at	R	1.123	2900064A13Rik	RIKEN cDNA 2900064A13 gene	BE915256
1418572_x_at	R	1.122	Tnfrsf12a	tumor necrosis factor receptor superfamily, member 12a	NM_013749
1418704_at	R	1.122	S100a13	S100 calcium binding protein A13	NM_009113
1426648_at	R	1.122	Mapkapk2	MAP kinase-activated protein kinase 2	BG918951
1416519_at	R	1.120	Rpl36	ribosomal protein L36	NM_018730
1452039_a_at	R	1.118	Bap1	Brca1 associated protein 1	AK009033
1417368_s_at	R	1.116	Ndufa2	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2	NM_010885
1435413_x_at	R	1.115	2700060E02Rik	AV167958 <i>Mus musculus</i> head C57BL/6J 13-day embryo <i>Mus musculus</i> cDNA clone 3110059K19, mRNA sequence.	AV167958
1418000_a_at	R	1.115	Itm2b	integral membrane protein 2B	NM_008410
1419550_a_at	R	1.113	Stk39	6 days neonate head cDNA, RIKEN full-length enriched library, clone:5430411A13 product:serine/threonine kinase 39, STE20/SPS1 homolog (yeast), full insert sequence	BG919998
1450640_x_at	R	1.109	Atp5k	ATP synthase, H+ transporting, mitochondrial F1F0 complex, subunit e	NM_007507
1451602_at	R	1.105	Snx6	sorting nexin 6	BC025911
1424073_at	R	1.100	5430437P03Rik	RIKEN cDNA 5430437P03 gene	BC005692
1426811_at	R	1.099	Ppp2r5b	glycoprotein hormone alpha 2	BB080065
1434019_at	R	1.099	Pdap1	PDGFA associated protein 1	BG065186
1437976_x_at	R	1.097	BC029892	Similar to 60S ribosomal protein L23a (LOC268449), mRNA	C87154
1417026_at	R	1.096	Pfdn1	prefoldin 1	BC024693
1448346_at	R	1.095	Cfl1	cofilin 1, non-muscle	NM_007687
1450668_s_at	R	1.094	Hspe1	heat shock protein 1 (chaperonin 10)	NM_008303

1416636_at	R	1.093	Rheb	RAS-homolog enriched in brain	NM_053075
1416285_at	R	1.093	Ndufc1	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1	NM_025523
1456205_x_at	R	1.092	Tbca	tubulin cofactor a	BB559082
1418625_s_at	R	1.090	LOC14433	glyceraldehyde-3-phosphate dehydrogenase	NM_008084
1415879_a_at	R	1.088	Rplp2	ribosomal protein, large P2	BC012413
1416074_a_at	R	1.088	Rpl28	ribosomal protein L28	NM_009081
1424488_a_at	R	1.087	1110013G13Rik	RIKEN cDNA 1110013G13 gene	BC011417
1454760_at	R	1.086	2600017A12Rik	RIKEN cDNA 2600017A12 gene	AW543705
1449108_at	R	1.086	Fdx1	ferredoxin 1	D43690
1417585_at	R	1.085	Nup210	nucleoporin 210	NM_018815
1423133_at	R	1.085	0610040D20Rik	RIKEN cDNA 0610040D20 gene	BG071645
1435112_a_at	R	1.083	Atp5h	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit d	AV154755
1456373_x_at	R	1.079		ribosomal protein S20	AV046829
1437767_s_at	R	1.079	Fts	retinoblastoma-like 2	AA138720
1426244_at	R	1.079	Mapre2	microtubule-associated protein, RP/EB family, member 2	BC027056
1451747_a_at	R	1.075	Apg12l	autophagy 12-like (S. cerevisiae)	AK016474
1451425_a_at	R	1.075	Mkrn1	makorin, ring finger protein, 1	BC003329
1460428_at	R	1.074	1100001D10Rik	RIKEN cDNA 1100001D10 gene	BC003286
1450878_at	R	1.074	Sri	RIKEN cDNA 2210417O06 gene	AK008404
1436949_a_at	R	1.073	Tceb2	AV068352 Mus musculus small intestine C57BL/6J adult Mus musculus cDNA clone 2010303D07, mRNA sequence.	AV068352
1448971_at	R	1.070	2410022L05Rik	RIKEN cDNA 2410022L05 gene	NM_025556
1416480_a_at	R	1.070	Hig1	hypoxia induced gene 1	NM_019814
1439462_x_at	R	1.068	1110014C03Rik	AV060550 Mus musculus pancreas C57BL/6J adult Mus musculus cDNA clone 1810063I09, mRNA sequence.	AV060550
1426323_x_at	R	1.064	Siva	Cd27 binding protein (Hindu God of destruction)	AF033112
1417511_at	R	1.062	Lyar	Ly1 antibody reactive clone	NM_025281
1418901_at	R	1.058	Cebpb	CCAAT/enhancer binding protein (C/EBP), beta	NM_009883
1448656_at	R	1.057	Cacnb3	calcium channel, voltage-dependent, beta 3 subunit	NM_007581
1452585_at	R	1.057	Mrps28	mitochondrial ribosomal protein S28	AK011036
1456243_x_at	R	1.056	Mcl1	BB374534 RIKEN full-length enriched, 16 days embryo head Mus musculus cDNA clone C130075I17 3' similar to U35623 Mus musculus EAT/MCL-1 mRNA, mRNA sequence.	BB374534
1426529_a_at	R	1.052	Tagln2	transgelin 2	C76322
1417075_at	R	1.052	2010309E21Rik	RIKEN cDNA 2010309E21 gene	NM_025591
1448284_a_at	R	1.051	Ndufc1	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1	NM_025523
1460354_a_at	R	1.050	Mrpl13	mitochondrial ribosomal protein L13	AB049641
1415950_a_at	R	1.048	Pbp	phosphatidylethanolamine binding protein	NM_018858
1422134_at	R	1.047	Fosb	FBJ osteosarcoma oncogene B	NM_008036
1417774_at	R	1.045	Nans	602916387F1 NCI_CGAP_Lu29 Mus musculus cDNA clone IMAGE:5067068 5', mRNA sequence.	BI151886
1424894_at	R	1.045	Rab13	RAB13, member RAS oncogene family	BC027214
1437975_a_at	R	1.043	BC029892	Similar to 60S ribosomal protein L23a (LOC268449), mRNA	C87154
1439234_a_at	R	1.042	2410018G23Rik	RIKEN cDNA 2410018G23 gene	BE200117
1418029_at	R	1.042	Faim	Fas apoptotic inhibitory molecule	NM_011810
1423080_at	R	1.042	Tom20	translocase of outer mitochondrial membrane 20 homolog (yeast)	AK002902
1449245_at	R	1.042	Grin2c	glutamate receptor, ionotropic, NMDA2C (epsilon 3)	NM_010350
1438058_s_at	R	1.041	Ptov1	prostate tumor over expressed gene 1	BG073526
1418714_at	R	1.041	Dusp8	dual specificity phosphatase 8	NM_008748
1417893_at	R	1.039	Sfxn3	sideroflexin 3	NM_053197
1424456_at	R	1.037	Pvrl2	poliovirus receptor-related 2	BC009088
1433549_x_at	R	1.036	Rps21	ribosomal protein S21	AV123618

1435712_a_at	R	1.033	Rps18	Transcribed sequence with strong similarity to protein ref:NP_072045.1 (H.sapiens) ribosomal protein S18; 40S ribosomal protein S18 [Homo sapiens]	AW907444
1451012_a_at	R	1.032	Csda	AV216648 RIKEN full-length enriched, ES cells Mus musculus cDNA clone 2410165103 3' similar to D14485 Mouse mRNA for dbpA murine homologue, mRNA sequence.	AV216648
1418656_at	R	1.032	Lsm5	LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae)	NM_025520
1448592_at	R	1.031	Crtap	cartilage associated protein	NM_019922
1455129_at	R	1.030	2610103J23Rik	RIKEN cDNA 2610103J23 gene	AV083741
1433991_x_at	R	1.030	Dbi	diazepam binding inhibitor	AV007315
1438659_x_at	R	1.027	0710001P09Rik	BB458460 RIKEN full-length enriched, 12 days embryo spinal ganglion Mus musculus cDNA clone D130057E08 3', mRNA sequence.	BB458460
1455126_x_at	R	1.026	2310028O11Rik	Adult male xiphoid cartilage cDNA, RIKEN full-length enriched library, clone:5230400C04 product:unknown EST, full insert sequence	AV209841
1419351_a_at	R	1.025	0610007P06Rik	RIKEN cDNA 0610007P06 gene	BC003916
1433721_x_at	R	1.024	Rps21	ribosomal protein S21	AV123577
1416245_at	R	1.023	0610033H09Rik	RIKEN cDNA 0610033H09 gene	NM_025338
1421152_a_at	R	1.021	Gnao	guanine nucleotide binding protein, alpha o	NM_010308
1450981_at	R	1.020	Cnn2	calponin 2	BI663014
1450925_a_at	R	1.019	Rps27l	ribosomal protein S27-like	BB836796
1424771_at	R	1.019	E130307C13	hypothetical protein E130307C13	BF661121
1449289_a_at	R	1.018	B2m	RIKEN cDNA E130113K22 gene	BF715219
1428189_at	R	1.018	5730494M16Rik	RIKEN cDNA 5730494M16 gene	BQ174627
1456745_x_at	R	1.018	Sdbcag84	serologically defined breast cancer antigen 84	BB253632
1448372_a_at	R	1.014	Tmem4	transmembrane protein 4	NM_019953
1427511_at	R	1.014	B2m	beta-2 microglobulin	AA170322
1455364_a_at	R	1.013	Rps7	Similar to Rpl7a protein (LOC245667), mRNA	AI414989
1448589_at	R	1.011	Ndufb5	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5	BC025155
1425196_a_at	R	1.011	Hint2	histidine triad nucleotide binding protein 2	AF356874
1451211_a_at	R	1.009	Lgtn	ligatin	BC025036
1424222_s_at	R	1.008	Rad23b	Mus musculus cDNA clone IMAGE:3256899, complete cds.	BC006751
1415673_at	R	1.007	Psph	phosphoserine phosphatase	NM_133900
1417102_a_at	R	1.007	Ndufb5	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5	BC025155
1417879_at	R	1.007	1110060M21Rik	RIKEN cDNA 1110060M21 gene	NM_025424
1448344_at	R	1.003	Rps12	ribosomal protein S12	NM_011295
1437381_x_at	R	1.002	D15Ertd747e	BB236260 RIKEN full-length enriched, 3 days neonate thymus Mus musculus cDNA clone A630058C06 3', mRNA sequence.	BB236260
1448699_at	R	1.002	Mrpl54	mitochondrial ribosomal protein L54	NM_025317
1434736_at	R	1.001	Hlf	hepatic leukemia factor	BB744589
1426510_at	R	1.000	C330023F11Rik	RIKEN cDNA C330023F11 gene	AW537824
1452679_at	R	1.000	2410129E14Rik	Transcribed sequence with strong similarity to protein ref:NP_001060.1 (H.sapiens) tubulin, beta polypeptide [Homo sapiens]	AA986082
1448657_a_at	R	0.999	Dnajb10	DnaJ (Hsp40) homolog, subfamily B, member 10	NM_020266
1416247_at	R	0.999	Dctn3	dynactin 3	NM_016890
1423907_a_at	R	0.997	Ndufs8	NADH dehydrogenase (ubiquinone) Fe-S protein 8	BC021616
1417183_at	R	0.996	Dnaja2	DnaJ (Hsp40) homolog, subfamily A, member 2	C77509
1452754_at	R	0.996	5730592L21Rik	RIKEN cDNA 5730592L21 gene	AK017880
1460697_s_at	R	0.995	2610209M04Rik	RIKEN cDNA 2610209M04 gene	BC027564
1417869_s_at	R	0.994	Ctsz		NM_022325
1434358_x_at	R	0.994	Rps21	Transcribed sequence with moderate similarity to protein ref:NP_001015.1 (H.sapiens) ribosomal protein S21; 40S ribosomal protein S21 [Homo sapiens]	AV124427
1433554_at	R	0.994	AU022870	hypothetical protein MGC56855	BM246500

1438986_x_at	R	0.994	Rps17	ribosomal protein S17	AV064451
1426680_at	R	0.993	Sepr1	RIKEN cDNA 1110019112 gene	AK003819
1444952_a_at	R	0.991	8430423A01Rik	RIKEN cDNA 8430423A01 gene	BB260383
1452370_s_at	R	0.990	B230208H17Rik	RIKEN cDNA B230208H17 gene	BB449608
1451255_at	R	0.988	Lisch7	liver-specific bHLH-Zip transcription factor	BC004672
1428214_at	R	0.988	Tomm7	translocase of outer mitochondrial membrane 7 homolog (yeast)	BB609428
1423087_a_at	R	0.987	1110002E23Rik	RIKEN cDNA 1110002E23 gene	BB453951
1423365_at	R	0.987	Cacna1g	calcium channel, voltage-dependent, T type, alpha 1G subunit	AW494038
1434976_x_at	R	0.985	Eif4ebp1	AV216412 RIKEN full-length enriched, ES cells Mus musculus cDNA clone 2410160M04 3' similar to U28656 Mus musculus insulin-stimulated eIF-4E binding protein PHAS-I mRNA, mRNA sequence.	AV216412
1416971_at	R	0.985	Cox7a2	cytochrome c oxidase, subunit VIIa 2	NM_009945
1423736_a_at	R	0.985	4933427L07Rik	RIKEN cDNA 4933427L07 gene	BC018220
1456540_s_at	R	0.982	Mtmr6	BB297632 RIKEN full-length enriched, 9.5 days embryo parthenogenote Mus musculus cDNA clone B130063F15 3' similar to AF072928 Homo sapiens myotubularin related protein 6 mRNA, mRNA sequence.	BB297632
1415912_a_at	R	0.981	Rps13	ribosomal protein S13	NM_026533
1448498_at	R	0.981	Rps6ka4	ribosomal protein S6 kinase, polypeptide 4	NM_019924
1448876_at	R	0.978	Evc	Ellis van Creveld gene homolog (human)	NM_021292
1418545_at	R	0.978	Wasf1	WASP family 1	NM_031877
1452586_at	R	0.978	1810004D07Rik	RIKEN cDNA 1810004D07 gene	BM122700
1437947_x_at	R	0.976	Vdac1	AV036172 Mus musculus adult C57BL/6J placenta Mus musculus cDNA clone 1600017H06, mRNA sequence.	AV036172
1423294_at	R	0.972	Mest	Transcribed sequence with moderate similarity to protein sp:Q9UBF2 (H.sapiens) CPG2_HUMAN Coatomer gamma-2 subunit	AW555393
1460424_at	R	0.971	1810008O21Rik	RIKEN cDNA 1810008O21 gene	BI411309
1435277_x_at	R	0.971	Nme1	AV156640 Mus musculus head C57BL/6J 12-day embryo Mus musculus cDNA clone 3000003N22, mRNA sequence.	AV156640
1428029_a_at	R	0.971	H2av	H2A histone family, member V	BC028539
1422451_at	R	0.967	Mrps21	mitochondrial ribosomal protein S21	NM_078479
1422524_at	R	0.967	Abcb6	ATP-binding cassette, sub-family B (MDR/TAP), member 6	NM_023732
1417357_at	R	0.966	Emd	emerin	NM_007927
1426606_at	R	0.965	Crtac1	cartilage acidic protein 1	BB426194
1452181_at	R	0.965	Ckap4	BB312117 RIKEN full-length enriched, adult male corpora quadrigemina Mus musculus cDNA clone B230331K02 3' similar to X69910 H.sapiens p63 mRNA for transmembrane protein, mRNA sequence.	BB312117
1418986_a_at	R	0.964	Uxt	ubiquitously expressed transcript	NM_013840
1451071_a_at	R	0.963	Atp1a1	ATPase, Na ⁺ /K ⁺ transporting, alpha 1 polypeptide	BC025618
1438776_x_at	R	0.961	Rps17	AV046534 Mus musculus adult C57BL/6J testis Mus musculus cDNA clone 1700057O18, mRNA sequence.	AV046534
1424640_at	R	0.961	1110033P22Rik	RIKEN cDNA 1110033P22 gene	BC018479
1449040_a_at	R	0.960	Seps2	selenophosphate synthetase 2	NM_009266
1417722_at	R	0.960	Pgls	6-phosphogluconolactonase	BC006594
1448869_a_at	R	0.956	Mrps16	mitochondrial ribosomal protein S16	NM_025440
1426782_at	R	0.955	3830613O22Rik	RIKEN cDNA 3830613O22 gene	BC019649
1422683_at	R	0.955	Irak1bp1	interleukin-1 receptor-associated kinase 1 binding protein 1	NM_022986
1448799_s_at	R	0.954	Mrps12	nuclear factor of kappa light chain gene enhancer in B-cells inhibitor, beta	NM_011885
1423181_s_at	R	0.954	Clns1a	chloride channel, nucleotide-sensitive, 1A	AK011789
1427282_a_at	R	0.952	Frda	Friedreich ataxia	AV007132
1416054_at	R	0.951	Rps5	ribosomal protein S5	NM_009095
1452621_at	R	0.948	2700061N24Rik	RIKEN cDNA 2700061N24 gene	AI324894
1428954_at	R	0.947	Slc9a3r2	solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 2	AK004710

1418744_s_at	R	0.946	Tesc	tescalcin	NM_021344
1451291_at	R	0.946	2610036N15Rik	RIKEN cDNA 2610036N15 gene	BC026942
1415980_at	R	0.945	Atp5g2	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 2	NM_026468
1451178_at	R	0.944	Mrpl53	mitochondrial ribosomal protein L53	BC022162
1416696_at	R	0.943	D17Wsu104e	interleukin 25	NM_080837
1451017_at	R	0.942	Sdbcag84	BB556862 RIKEN full-length enriched, 2 days pregnant adult female ovary Mus musculus cDNA clone E330025K14 3' similar to AL161963 Homo sapiens mRNA; cDNA DKFZp547A2190 (from clone DKFZp547A2190), mRNA sequence.	BB556862
1456293_s_at	R	0.941	Ccnh	cyclin H	AA068868
1434230_at	R	0.941	Polb	polymerase (DNA directed), beta	BG094331
1418579_at	R	0.940	Cetn2	centrin 2	BC013545
1424076_at	R	0.939	2610020H15Rik	RIKEN cDNA 2610020H15 gene	AK016023
1449267_at	R	0.939	3110023E09Rik	RIKEN cDNA 3110023E09 gene	BC006876
1417886_at	R	0.939	1810009A15Rik	RIKEN cDNA 1110055N21 gene	BE307471
1416412_at	R	0.937	Nsmaf	neutral sphingomyelinase (N-SMase) activation associated factor	NM_010945
1422520_at	R	0.936	Nef3	neurofilament 3, medium	NM_008691
1428179_at	R	0.935	Ndufv2	NADH dehydrogenase (ubiquinone) flavoprotein 2	BI692577
1420113_s_at	R	0.933	2410022L05Rik	RIKEN cDNA 2410022L05 gene	AA409325
1439466_s_at	R	0.933	Ptcd1	BB001490 RIKEN full-length enriched, 13 days embryo head Mus musculus cDNA clone 3110026K15 3' similar to AF058791 Rattus norvegicus G10 protein homolog (edg2) mRNA, mRNA sequence.	BB001490
1434883_at	R	0.929	2610103J23Rik	RIKEN cDNA 2610103J23 gene	AV083741
1435652_a_at	R	0.929	Gnai2	uz40a02.x1 NCI_CGAP_Mam5 Mus musculus cDNA clone IMAGE:3671498 3', mRNA sequence.	BF228116
1452246_at	R	0.929	Ostf1	osteoclast stimulating factor 1	U58888
1420513_at	R	0.928	1700073K01Rik	RIKEN cDNA 1700073K01 gene	BC025062
1430128_a_at	R	0.928	Dp111	deleted in polyposis 1-like 1	AK002562
1416605_at	R	0.927	Nola2	nucleolar protein family A, member 2	BC024944
1449194_at	R	0.926	Mrps25	mitochondrial ribosomal protein S25	AK004037
1416349_at	R	0.926	Mrpl34	mitochondrial ribosomal protein L34	NM_053162
1448887_x_at	R	0.920	Fxc1	fractured callus expressed transcript 1	NM_019502
1424300_at	R	0.919	Gemin6	gem (nuclear organelle) associated protein 6	BC025157
1417959_at	R	0.918	Pdlim7	PDZ and LIM domain 7	NM_026131
1418743_a_at	R	0.918	Tesc	tescalcin	NM_021344
1422525_at	R	0.918	Atp5k	ATP synthase, H+ transporting, mitochondrial F1F0 complex, subunit e	NM_007507
1421817_at	R	0.913	Gsr	glutathione reductase 1	AK019177
1416769_s_at	R	0.912	Atp6v0b	ATPase, H+ transporting, V0 subunit B	NM_033617
1431036_a_at	R	0.912	1110032D12Rik	RIKEN cDNA 1110032D12 gene	BF121933
1427876_at	R	0.912	2610312B22Rik	RIKEN cDNA 2610312B22 gene	BB703070
1422977_at	R	0.912	Gp1bb	glycoprotein Ib, beta polypeptide	NM_010327
1448198_a_at	R	0.909	Ndufb8	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 8	NM_026061
1433928_a_at	R	0.908	Rpl13a	ribosomal protein L13a	BF146301
1423897_at	R	0.907	2410016F01Rik	RIKEN cDNA 2410016F01 gene	AW488376
1439451_x_at	R	0.906	D15ErtD747e	BB487787 RIKEN full-length enriched, 13 days embryo lung Mus musculus cDNA clone D430044J16 3', mRNA sequence.	BB487787
1430295_at	R	0.906	Gna13	guanine nucleotide binding protein, alpha 13	BG094302
1423242_at	R	0.906	Mrps36	mitochondrial ribosomal protein S36	BE627004
1453651_a_at	R	0.904	Brp44l	AV223468 RIKEN full-length enriched, 18 days pregnant, placenta and extra embryonic tissue Mus musculus cDNA clone 3830411118 3', mRNA sequence.	AV223468
1436803_a_at	R	0.903	Ndufb9	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9	AV161987

1421266_s_at	R	0.902	Nfkbib	nuclear factor of kappa light chain gene enhancer in B-cells inhibitor, beta	NM_010908
1418589_a_at	R	0.902	Mlf1	myeloid leukemia factor 1	AF100171
1418588_at	R	0.902	Vmp	vesicular membrain protein p24	NM_009513
1448737_at	R	0.901	Tm4sf2	transmembrane 4 superfamily member 2	AF052492
1429265_a_at	R	0.900	Rnf130	ring finger protein 130	AK011088
1454859_a_at	R	0.899	Rpl23	Similar to ribosomal protein L23 (LOC384399), mRNA	AV124394
1416022_at	R	0.899	Fabp5	fatty acid binding protein 5, epidermal	BC002008
1456584_x_at	R	0.898	Phgdh	BB495884 RIKEN full-length enriched, 13 days embryo stomach Mus musculus cDNA clone D530050H10 3' similar to L21027 Mus musculus A10 mRNA, mRNA sequence.	BB495884
1417458_s_at	R	0.898	Cks2	CDC28 protein kinase regulatory subunit 2	NM_025415
1439410_x_at	R	0.897	3010027G13Rik	RIKEN cDNA 3010027G13 gene	BI966363
1416608_a_at	R	0.896	BC004004	cDNA sequence BC004004	NM_030561
1423321_at	R	0.896	Myadm	myeloid-associated differentiation marker	BI078799
1419765_at	R	0.896	Cul2	cullin 2	NM_029402
1454987_a_at	R	0.895	H2-Ke6	H2-K region expressed gene 6	AI323545
1416965_at	R	0.893	Pcsk1n	proprotein convertase subtilisin/kexin type 1 inhibitor	AF181560
1423653_at	R	0.893	Atp1a1	ATPase, Na ⁺ /K ⁺ transporting, alpha 1 polypeptide	BC025618
1423993_at	R	0.890	Atp6v1f	ATPase, H ⁺ transporting, V1 subunit F	BC016553
1419456_at	R	0.890	Dcxr	dicarbonyl L-xylulose reductase	BC012247
1451745_a_at	R	0.889	Znhit1	zinc finger, HIT domain containing 1	BC026751
1423746_at	R	0.889	Txndc5	thioredoxin domain containing 5	BC016252
1450389_s_at	R	0.889	Pip5k1a	phosphatidylinositol-4-phosphate 5-kinase, type 1 alpha	NM_008846
1433616_a_at	R	0.888	2310028O11Rik	Adult male xiphoid cartilage cDNA, RIKEN full-length enriched library, clone:5230400C04 product:unknown EST, full insert sequence	BG793007
1425485_at	R	0.886	Mtmr6	myotubularin related protein 6	BC020019
1441866_s_at	R	0.884	Ptdss1	BB526117 RIKEN full-length enriched, 15 days embryo head Mus musculus cDNA clone D930031G20 3' similar to AF042731 Mus musculus phosphatidylserine synthase-1 mRNA, mRNA sequence.	BB526117
1435364_at	R	0.883		4 days neonate male adipose cDNA, RIKEN full-length enriched library, clone:B430101C18 product:HYPOTHETICAL 19.9 KDA PROTEIN homolog [Homo sapiens], full insert sequence	BB323901
1416394_at	R	0.883	Bag1	Bcl2-associated athanogene 1	NM_009736
1415880_a_at	R	0.883	Lamp1	lysosomal membrane glycoprotein 1	NM_010684
1421903_at	R	0.883	2810405O22Rik	RIKEN cDNA 2810405O22 gene	AK005112
1428526_at	R	0.882	1500034E06Rik	RIKEN cDNA 1500034E06 gene	AK018782
1437345_a_at	R	0.882	Bscl2	Bernardinelli-Seip congenital lipodystrophy 2 homolog (human)	BB223872
1449000_at	R	0.880	D10Jhu81e	DNA segment, Chr 10, Johns Hopkins University 81 expressed	NM_138601
1456616_a_at	R	0.880	Bsg	AV035166 Mus musculus adult C57BL/6J placenta Mus musculus cDNA clone 1600013O06, mRNA sequence.	AV035166
1424171_a_at	R	0.879	Hagh	hydroxyacyl glutathione hydrolase	BC004749
1423507_a_at	R	0.879	Sirt2	Transcribed sequence with moderate similarity to protein ref:NP_036369.2 (H.sapiens) sirtuin 2, isoform 1; SIR2	BB807595
1451386_at	R	0.879	Blvrb	biliverdin reductase B (flavin reductase (NADPH))	BC027279
1448824_at	R	0.878	Ube2j1	ubiquitin-conjugating enzyme E2, J1	NM_019586
1434325_x_at	R	0.877	Prkar1b	BB274009 RIKEN full-length enriched, 10 days neonate cortex Mus musculus cDNA clone A830086C24 3', mRNA sequence.	BB274009
1454807_a_at	R	0.877	Snx12	sorting nexin 12	BB414983
1416528_at	R	0.875	Sh3bgrl3	SH3 domain binding glutamic acid-rich protein-like 3	NM_080559
1425674_a_at	R	0.874	1500011L16Rik	RIKEN cDNA 1500011L16 gene	BC016544
1423959_at	R	0.874	AV047578	expressed sequence AV047578	AF305427
1427074_at	P	2.834	5330414D10Rik	L0848C02-3 NIA Mouse Newborn Brain cDNA Library Mus musculus cDNA clone L0848C02 3', mRNA sequence.	BM117243

1448830_at	P	2.578	Dusp1	dual specificity phosphatase 1	NM_013642
1427985_at	P	2.541	9630042H07Rik	RIKEN cDNA 9630042H07 gene	BC027796
1450008_a_at	P	2.365	Catnb	catenin beta	NM_007614
1437354_at	P	2.316		0 day neonate cerebellum cDNA, RIKEN full-length enriched library, clone:C230091D08 product:unclassifiable, full insert sequence	AI154956
1415823_at	P	2.143	Scd2	stearoyl-Coenzyme A desaturase 2	BG060909
1424766_at	P	2.044	BC004701	cDNA sequence BC004701	BC004701
1429144_at	P	1.994	2310032D16Rik	RIKEN cDNA 2310032D16 gene	AV291259
1419277_at	P	1.984	Usp31	ubiquitin specific protease 31	BG068704
1419529_at	P	1.976	Il23a	interleukin 23, alpha subunit p19	NM_031252
1418025_at	P	1.969	Bhlhb2	basic helix-loop-helix domain containing, class B2	NM_011498
1415996_at	P	1.961	Txnip	thioredoxin interacting protein	AF173681
1420922_at	P	1.945	Usp9x	Similar to ubiquitin specific protease 9, X-linked isoform 2; Drosophila fat facets related, X-linked; ubiquitin specific protease 9, X chromosome (fat facets-like Drosophila) (LOC240170), mRNA	AW107303
1434392_at	P	1.930	Usp34	U2af1-rs1 region 2	BM235696
1429850_x_at	P	1.921	2010004B12Rik	RIKEN cDNA 2010004B12 gene	AK008083
1415945_at	P	1.915	Mcm5	minichromosome maintenance deficient 5, cell division cycle 46 (<i>S. cerevisiae</i>)	NM_008566
1424522_at	P	1.912	BC019693	cDNA sequence BC019693	BC019693
1427413_a_at	P	1.901	Cugbp1	unnamed protein product; CUG triplet repeat, RNA binding protein 1 (MGD)MGI:1342295 putative; Mus musculus 14 days embryo liver cDNA, RIKEN full-length enriched library, clone:4432412L08 product:CUG triplet repeat, RNA binding protein 1, full insert sequence.	AK014492
1426750_at	P	1.895	Flnb	filamin, beta	AW538200
1417363_at	P	1.888	Zfp61	zinc finger protein 61	NM_009561
1438809_at	P	1.833	Atp5c1	ATP synthase, H+ transporting, mitochondrial F1 complex, gamma polypeptide 1	AI644507
1424723_s_at	P	1.799	Cstf3	cleavage stimulation factor, 3' pre-RNA, subunit 3	BC003241
1425514_at	P	1.783	Pik3r1	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha)	M60651
1435934_at	P	1.752	9330101J02Rik	RIKEN cDNA 9330101J02 gene	AI643884
1454686_at	P	1.703	6430706D22Rik	RIKEN cDNA 6430706D22 gene	BM248225
1437175_at	P	1.696	BC027088	cDNA sequence BC027088	BI691129
1417155_at	P	1.691	Nmyc1	neuroblastoma myc-related oncogene 1	BC005453
1423828_at	P	1.688	Fasn	fatty acid synthase	AF127033
1460429_at	P	1.685	Cdc5l	cell division cycle 5-like (<i>S. pombe</i>)	AK004547
1427490_at	P	1.679	Abcb7	ATP-binding cassette, sub-family B (MDR/TAP), member 7	U43892
1420811_a_at	P	1.664	Catnb	catenin beta	NM_007614
1426653_at	P	1.645	Mcm3	minichromosome maintenance deficient 3 (<i>S. cerevisiae</i>)	BI658327
1424571_at	P	1.635	Ddx46	DEAD (Asp-Glu-Ala-Asp) box polypeptide 46	BF023426
1448616_at	P	1.632	Dvl2	dishevelled 2, dsh homolog (<i>Drosophila</i>)	BF466091
1452519_a_at	P	1.621	Zfp36	unnamed protein product; TIS11 (AA 1 - 183); Mouse TPA-induced TIS11 mRNA.	X14678
1451959_a_at	P	1.617	Vegfa	vascular endothelial growth factor A	U50279
1456128_at	P	1.616	Atp5g2	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 2	AW413339
1425326_at	P	1.610	Acly	ATP citrate lyase	BI456232
1449011_at	P	1.607	Slc12a7	solute carrier family 12, member 7	BB732135
1433451_at	P	1.592	Cdk5r	cyclin-dependent kinase 5, regulatory subunit (p35)	BB177836
1454626_at	P	1.589	Cltc	clathrin, heavy polypeptide (Hc)	BM211219
1417356_at	P	1.579	Peg3	paternally expressed 3	AB003040
1428087_at	P	1.573	Dnm1l	dynamamin 1-like	BM249101
1422967_a_at	P	1.564	Tfrc	transferrin receptor	BB810450
1421455_at	P	1.558	Sntb1	syntrophin, basic 1	NM_016667
1448420_a_at	P	1.550	Fbx12	F-box and leucine-rich repeat protein 12	NM_013911

1418768_at	P	1.550	Opa1	optic atrophy 1 homolog (human)	BC025160
1460631_at	P	1.549	Ogt	602117024T1 Soares_mammary_gland_NMLMG Mus musculus cDNA clone IMAGE:3468509 3', mRNA sequence.	BF681886
1427797_s_at	P	1.548		602099052F1 NCI_CGAP_Co24 Mus musculus cDNA clone IMAGE:4219044 5', mRNA sequence.	BF580235
1427795_s_at	P	1.534		Clone IMAGE:6494162, mRNA	BC021394
1425231_a_at	P	1.526	Zfp46	zinc finger protein 46	BC006587
1417380_at	P	1.526	Iqgap1	IQ motif containing GTPase activating protein 1	NM_016721
1452143_at	P	1.524	Spnb2	spectrin beta 2	BQ174069
1448650_a_at	P	1.512	Pole	polymerase (DNA directed), epsilon	NM_011132
1428286_at	P	1.508	2900097C17Rik	13 days embryo forelimb cDNA, RIKEN full-length enriched library, clone:5930433F13 product:unknown EST, full insert sequence	AW545056
1425384_a_at	P	1.507	Ube4a	ubiquitination factor E4A, UFD2 homolog (S. cerevisiae)	BC006649
1421888_x_at	P	1.496	Aplp2	amyloid beta (A4) precursor-like protein 2	M97216
1452265_at	P	1.492	Clasp1	CLIP associating protein 1	AJ288061
1422581_at	P	1.491	Pias1	protein inhibitor of activated STAT 1	NM_019663
1449324_at	P	1.489	Ero1l	Transcribed sequences	BM234652
1452154_at	P	1.488	Iars	isoleucine-tRNA synthetase	BE915338
1455940_x_at	P	1.488	Wdr6	RIKEN cDNA 6330580J24 gene	BB453609
1434561_at	P	1.484	Asxl1	additional sex combs like 1 (Drosophila)	BI648411
1426677_at	P	1.481	Flna	filamin, alpha	BM233746
1415973_at	P	1.465	Marcks	myristoylated alanine rich protein kinase C substrate	AW546141
1420971_at	P	1.460	Ubr1	ubiquitin protein ligase E3 component n-recogin 1	BQ173927
1433804_at	P	1.453	Jak1	Janus kinase 1	BQ032637
1428848_a_at	P	1.450	Macf1	microtubule-actin crosslinking factor 1	BM248206
1449865_at	P	1.450	Sema3a	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A	NM_009152
1454890_at	P	1.446	Amot	angiomin	BG067039
1422685_at	P	1.446	Sec8l1	SEC8-like 1 (S. cerevisiae)	NM_009148
1421519_a_at	P	1.435	Zfp120	zinc finger protein 120	NM_023266
1448809_at	P	1.432	Cse1l	chromosome segregation 1-like (S. cerevisiae)	NM_023565
1426377_at	P	1.415	Zfp281	Adult male diencephalon cDNA, RIKEN full-length enriched library, clone:9330157H23 product:inferred: Mus musculus, Similar to zinc finger protein 281, clone MGC:7737 IMAGE:3498439, mRNA, complete cds, full insert sequence	AV071650
1450634_at	P	1.408	Atp6v1a1	ATPase, H ⁺ transporting, V1 subunit A, isoform 1	NM_007508
1415899_at	P	1.405	Junb	Jun-B oncogene	NM_008416
1451109_a_at	P	1.404	Nedd4	neural precursor cell expressed, developmentally down-regulted gene 4	BG073415
1428847_a_at	P	1.403	Macf1	microtubule-actin crosslinking factor 1	BM248206
1419647_a_at	P	1.403	Ier3	immediate early response 3	NM_133662
1416129_at	P	1.391	1300002F13Rik	RIKEN cDNA 1300002F13 gene	NM_133753
1421333_a_at	P	1.390	Mynn	myoneurin	AK019238
1425188_s_at	P	1.387	Sel1h	Sel1 (suppressor of lin-12) 1 homolog (C. elegans)	BC026816
1417570_at	P	1.380	Anapc1	anaphase promoting complex subunit 1	NM_008569
1415758_at	P	1.377	2010313D22Rik	RIKEN cDNA 2510002A14 gene	BM118442
1454789_x_at	P	1.372	2610031L17Rik	RIKEN cDNA 2610031L17 gene	BB085604
1418023_at	P	1.366	Narg1	NMDA receptor-regulated gene 1	BG067031
1423645_a_at	P	1.363	Ddx5	DEAD (Asp-Glu-Ala-Asp) box polypeptide 5	BC009142
1453260_a_at	P	1.362	Ppp2r2a	protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), alpha isoform	AK010380
1430533_a_at	P	1.351	Catnb	catenin beta	BI134907
1427407_s_at	P	1.347		RIKEN cDNA 6030460N08 gene	AV013785
1427456_at	P	1.346	Wdfy3	WD repeat and FYVE domain containing 3	BF150771
1430527_a_at	P	1.344	5730408C10Rik	RIKEN cDNA 5730408C10 gene	AK017523
1451847_s_at	P	1.330	Arid4b	AT rich interactive domain 4B (Rbp1 like)	BC024724

1417592_at	P	1.330	Frap1	FK506 binding protein 12-rapamycin associated protein 1	NM_020009
1434846_at	P	1.323	1700065A05Rik	RIKEN cDNA 1700065A05 gene	AW557010
1460240_a_at	P	1.313	Hnrpc	heterogeneous nuclear ribonucleoprotein C	NM_016884
1422539_at	P	1.306	Extl2	extotoses (multiple)-like 2	BM203810
1456615_a_at	P	1.305	Falz	vx16a10.r1 Soares_thymus_2NbMT Mus musculus cDNA clone IMAGE:1264602 5', mRNA sequence.	AA867746
1448127_at	P	1.304	Rrm1	ribonucleotide reductase M1	BB758819
1437349_at	P	1.304	4930432B04Rik	RIKEN cDNA 4930432B04 gene	BE951922
1423711_at	P	1.300	Ndufaf1	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, assembly factor 1	BC018422
1448497_at	P	1.297	Ercc3	excision repair cross-complementing rodent repair deficiency, complementation group 3	NM_133658
1427140_at	P	1.297	Pvt1	H2A histone family, member Y2	BE956863
1423430_at	P	1.296	Mybbp1a	cDNA sequence BC011467	AW228043
1417279_at	P	1.289	Itpr1	inositol 1,4,5-triphosphate receptor 1	NM_010585
1455372_at	P	1.288	Cpeb3	cytoplasmic polyadenylation element binding protein 3	BB770826
1415916_a_at	P	1.285	Mthfd1	methylenetetrahydrofolate dehydrogenase (NADP+ dependent), methenyltetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthase	NM_138745
1425721_at	P	1.283	Phip	pleckstrin homology domain interacting protein	BI737352
1419356_at	P	1.282	Klf7	Kruppel-like factor 7 (ubiquitous)	BB524597
1425702_a_at	P	1.280	Enpp5	ectonucleotide pyrophosphatase/phosphodiesterase 5	BC011294
1427199_at	P	1.279	2510002A14Rik	RIKEN cDNA 2510002A14 gene	BM118442
1419392_at	P	1.278	Pclo	piccolo (presynaptic cytomatrix protein)	NM_011995
1423086_at	P	1.275	Npc1	RIKEN cDNA 2400010D15 gene	BB769209
1448566_at	P	1.273	Slc40a1	solute carrier family 40 (iron-regulated transporter), member 1	AF226613
1425206_a_at	P	1.269	0610009M14Rik	BB224620 RIKEN full-length enriched, adult male aorta and vein Mus musculus cDNA clone A530087G20 3', mRNA sequence.	BB224620
1455958_s_at	P	1.267	9130017A15Rik	RIKEN cDNA 9130017A15 gene	AI881989
1418019_at	P	1.267	Cpd	carboxypeptidase D	NM_007754
1452496_at	P	1.255	Atp11c	RIKEN cDNA A330005H02 gene	AI593492
1425187_at	P	1.251	Sel1h	Sel1 (suppressor of lin-12) 1 homolog (C. elegans)	BC026816
1448135_at	P	1.247	Atf4	activating transcription factor 4	M94087
1421229_at	P	1.244	Dffb	DNA fragmentation factor, beta subunit	NM_007859
1420557_at	P	1.236	Epha5	Eph receptor A5	NM_007937
1455990_at	P	1.231	Kif23	kinesin family member 23	AW986176
1419099_x_at	P	1.230	Epb7.2	erythrocyte protein band 7.2	AF093620
1425767_a_at	P	1.228	Six4	sine oculis-related homeobox 4 homolog (Drosophila)	D50416
1448116_at	P	1.225	Ube1x	ubiquitin-activating enzyme E1, Chr X	NM_009457
1449138_at	P	1.222	Sf3b1	splicing factor 3b, subunit 1	BE951504
1418288_at	P	1.219	Lpin1	lipin 1	NM_015763
1450162_at	P	1.219	Dpf3	D4, zinc and double PHD fingers, family 3	NM_058212
1422430_at	P	1.212	Fignl1	fidgetin-like 1	NM_021891
1421144_at	P	1.207	Rpgrip1	retinitis pigmentosa GTPase regulator interacting protein 1	NM_023879
1419638_at	P	1.201	Efnb2	ephrin B2	U30244
1416062_at	P	1.196	Tbc1d15	TBC1 domain family, member 15	BF577643
1415971_at	P	1.192	Marcks	myristoylated alanine rich protein kinase C substrate	AW546141
1434674_at	P	1.191	Lyst	lysosomal trafficking regulator	BB463428
1425516_at	P	1.189	Ogt	O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase)	AF363030
1437203_at	P	1.185	Cbl1	Casitas B-lineage lymphoma-like 1	BB460904
1424988_at	P	1.184	Myliip	myosin regulatory light chain interacting protein	BC010206
1450021_at	P	1.182	Ubqln2	ubiquilin 2	AV171029
1421889_a_at	P	1.180	Aplp2	amyloid beta (A4) precursor-like protein 2	M97216
1418727_at	P	1.180	Nup155	nucleoporin 155	BG073833

1424617_at	P	1.178	Ifi35	interferon-induced protein 35	BC008158
1415997_at	P	1.170	Txnip	thioredoxin interacting protein	AF173681
1426814_at	P	1.168	AU024582	hypothetical protein MGC38812	BM248309
1417379_at	P	1.168	Iqgap1	IQ motif containing GTPase activating protein 1	NM_016721
1456005_a_at	P	1.167	Bcl2l11	BCL2-like 11 (apoptosis facilitator)	BB667581
1454904_at	P	1.166		602846904F1 NCI_CGAP_Mam6 Mus musculus cDNA clone IMAGE:4977457 5', mRNA sequence.	BG976607
1424515_at	P	1.162		BB440272 RIKEN full-length enriched, 9 days embryo Mus musculus cDNA clone D030020O16 3', mRNA sequence.	BB440272
1422198_a_at	P	1.160	Shmt1	serine hydroxymethyl transferase 1 (soluble)	NM_009171
1423030_at	P	1.153	Vcp	Transcribed sequence with strong similarity to protein ref:NP_009057.1 (H.sapiens) valosin-containing protein [Homo sapiens]	AI195225
1420628_at	P	1.145	Pura	purine rich element binding protein A	NM_008989
1423919_at	P	1.133	BC023882	cDNA sequence BC023882	BC027393
1418597_at	P	1.128	Top3a	topoisomerase (DNA) III alpha	NM_009410
1455899_x_at	P	1.127	Socs3	suppressor of cytokine signaling 3	BB241535
1422621_at	P	1.126	Ranbp2	RAN binding protein 2	BM507707
1426895_at	P	1.124	Zfp191	BB579760 RIKEN full-length enriched, 1 day pregnant adult female ovary Mus musculus cDNA clone 7230402O10 5', mRNA sequence.	BB579760
1452448_at	P	1.119	Aqr	aquarius	BE573695
1450034_at	P	1.119	Stat1	signal transducer and activator of transcription 1	AW214029
1417019_a_at	P	1.119	Cdc6	cell division cycle 6 homolog (S. cerevisiae)	NM_011799
1450396_at	P	1.119	Stag2	stromal antigen 2	NM_021465
1423431_a_at	P	1.117	Mybbp1a	cDNA sequence BC011467	AW228043
1451738_at	P	1.111	Ogt	O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase)	AF363030
1437752_at	P	1.108	Lin28	BB706377 RIKEN full-length enriched, in vitro fertilized eggs Mus musculus cDNA clone 7420489F16 3', mRNA sequence.	BB706377
1421395_at	P	1.108	Zik1	zinc finger protein interacting with K protein 1	NM_009577
1426957_at	P	1.101	Trp53bp1	transformation related protein 53 binding protein 1	AJ414734
1435862_at	P	1.097	Son	Son cell proliferation protein	BG067046
1452099_at	P	1.097	AA408296	expressed sequence AA408296	BG070043
1424229_at	P	1.096	Dyrk3	dual-specificity tyrosine-(Y)-phosphorylation regulated kinase 3	BC006704
1428105_at	P	1.091	2610005B21Rik	RIKEN cDNA 2610005B21 gene	AK011311
1450700_at	P	1.088	Cdc42ep3	CDC42 effector protein (Rho GTPase binding) 3	BB012489
1451137_a_at	P	1.085	Brd8	bromodomain containing 8	BC025644
1433834_at	P	1.085	F830029L24Rik	RIKEN cDNA F830029L24 gene	BQ176049
1423975_s_at	P	1.084	6720401E04Rik	expressed sequence AL022610	BC006631
1427888_a_at	P	1.081	Spna2	spectrin alpha 2	AK011566
1438808_at	P	1.080	Trp53	transformation related protein 53	BB450072
1460409_at	P	1.080	Cpt1a	carnitine palmitoyltransferase 1a, liver	AI987925
1451459_at	P	1.080	Elys	embryonic large molecule derived from yolk sac	BC023122
1418022_at	P	1.076	Narg1	NMDA receptor-regulated gene 1	BG067031
1449548_at	P	1.075	Efnb2	ephrin B2	U30244
1415811_at	P	1.073	Uhrf1	ubiquitin-like, containing PHD and RING finger domains, 1	BB702754
1451432_x_at	P	1.070	2010004B12Rik	RIKEN cDNA 2010004B12 gene	BC022729
1427143_at	P	1.060	Jarid1b	jumonji, AT rich interactive domain 1B (Rbp2 like)	BC019446
1436859_at	P	1.060	2700007P21Rik	RIKEN cDNA 2700007P21 gene	AV342631
1449414_at	P	1.058	Zfp53	Zinc finger protein 118	NM_013843
1450773_at	P	1.056	Kcnd2	potassium voltage-gated channel, Shal-related family, member 2	BB051684
1435369_at	P	1.054	C78212	RIKEN cDNA C330018L13 gene	BM244352
1417792_at	P	1.054	Np220	nuclear protein 220	BM238431
1438418_at	P	1.049	4932432K03Rik	RIKEN cDNA 4932432K03 gene	BB536931

1428225_s_at	P	1.048	Hnrpd1	heterogeneous nuclear ribonucleoprotein D-like	AV101245
1435114_at	P	1.047	D630024B06Rik	RIKEN cDNA D630024B06 gene	C77437
1415703_at	P	1.046	Ureb1	upstream regulatory element binding protein 1e	BM248615
1424516_at	P	1.045		BB440272 RIKEN full-length enriched, 9 days embryo Mus musculus cDNA clone D030020O16 3', mRNA sequence.	BB440272
1426804_at	P	1.045	Smarca4	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4	AW701251
1426842_at	P	1.042	9130022A11Rik	RIKEN cDNA 9130022A11 gene	BB183208
1448325_at	P	1.041	Myd116	myeloid differentiation primary response gene 116	NM_008654
1426002_a_at	P	1.039	Cdc7	cell division cycle 7 (<i>S. cerevisiae</i>)	AB018574
1422248_at	P	1.033	Irs4	insulin receptor substrate 4	NM_010572
1451254_at	P	1.032	Ikbkap	inhibitor of kappa light polypeptide enhancer in B-cells, kinase complex-associated protein	AF367244
1425463_at	P	1.032	Gata6	GATA binding protein 6	BM214048
1424144_at	P	1.030	Ris2	retroviral integration site 2	AF477481
1438211_s_at	P	1.029	Dbp	BB550183 RIKEN full-length enriched, 2 days pregnant adult female oviduct Mus musculus cDNA clone E230020M14 3', mRNA sequence.	BB550183
1427321_s_at	P	1.028	Cxadr	coxsackievirus and adenovirus receptor	AK004908
1433946_at	P	1.028	Zik1	zinc finger protein interacting with K protein 1	BE824681
1421131_a_at	P	1.028	Zfp111	zinc finger protein 111	AV174549
1416250_at	P	1.027	Btg2	B-cell translocation gene 2, anti-proliferative	NM_007570
1456302_at	P	1.023	Pex6	Transcribed sequence with moderate similarity to protein sp:Q13608 (<i>H.sapiens</i>) PEX6_HUMAN Peroxisome assembly factor-2	BB252740
1427923_at	P	1.023	Zmpste24	zinc metalloproteinase, STE24 homolog (<i>S. cerevisiae</i>)	BM233793
1426878_at	P	1.021	2610016F04Rik	RIKEN cDNA 2610016F04 gene	AK020971
1435122_x_at	P	1.019	Dnmt1	DNA methyltransferase (cytosine-5) 1	BB165431
1452002_at	P	1.018	BC024969	cDNA sequence BC024969	BC024969
1427949_at	P	1.017	Zfp294	zinc finger protein 294	BM231649
1419354_at	P	1.017	Klf7	Kruppel-like factor 7 (ubiquitous)	BB524597
1418109_at	P	1.015	Gspt2	G1 to phase transition 2	NM_008179
1455534_s_at	P	1.009	Osbp11	oxysterol binding protein-like 11	BM220135
1421955_a_at	P	1.008	Nedd4	neural precursor cell expressed, developmentally down-regulated gene 4	NM_010890
1425095_at	P	1.007	BC002059	cDNA sequence BC002059	BC002059
1427906_at	P	1.004	1110037F02Rik	RIKEN cDNA 1110037F02 gene	AK012768
1422453_at	P	1.003	Prpf8	pre-mRNA processing factor 8	NM_138659
1436480_at	P	1.001	Dpp7	dipeptidylpeptidase 7	BB746075
1448086_at	P	1.001	D1Ert164e	Transcribed sequences	BG079429
1450163_a_at	P	1.000	Wrn	Werner syndrome homolog (human)	D86527
1424738_at	P	0.999	4932432K03Rik	RIKEN cDNA 4932432K03 gene	BE288551
1433924_at	P	0.998	Peg3	paternally expressed 3	BM200248
1454157_a_at	P	0.994	Pla2g2d	phospholipase A2, group IID	AK004232
1423550_at	P	0.993	Slc1a4	solute carrier family 1 (glutamate/neutral amino acid transporter), member 4	BB277461
1452315_at	P	0.992	Kif11	kinesin family member 11	BB827235
1452843_at	P	0.991	Il6st	interleukin 6 signal transducer	AK017211
1450690_at	P	0.989	Ranbp2	RAN binding protein 2	BM507707
1422720_at	P	0.989	Isl1	UI-M-DJ2-bwa-g-01-0-UI.s1 NIH_BMAP_DJ2 Mus musculus cDNA clone UI-M-DJ2-bwa-g-01-0-UI 3', mRNA sequence.	BQ176915
1451828_a_at	P	0.988	Acsl4	fatty acid-Coenzyme A ligase, long chain 4	AB033886
1423945_a_at	P	0.988	Pkig	protein kinase inhibitor, gamma	BC026550
1431337_a_at	P	0.986	1810055E12Rik	RIKEN cDNA 1810055E12 gene	AK004643
1417685_at	P	0.984	Ankfy1	ankyrin repeat and FYVE domain containing 1	NM_009671
1427334_s_at	P	0.983	2810474O19Rik	RIKEN cDNA 2810474O19 gene	BE196832
1420295_x_at	P	0.981	T25545	chloride channel 5	T25545
1451274_at	P	0.979	Ogdh	oxoglutarate dehydrogenase (lipoamide)	BC013670

1415985_at	P	0.978	D8Ert633e	DNA segment, Chr 8, ERATO Doi 633, expressed	NM_133953
1449669_at	P	0.976	E130318E12Rik	RIKEN cDNA E130318E12 gene	AW549708
1422663_at	P	0.976	Orc1l	origin recognition complex, subunit 1-like (<i>S.cerevisiae</i>)	BC015073
1425517_s_at	P	0.974	Ogt	O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase)	AF363030
1426817_at	P	0.974	Mki67	antigen identified by monoclonal antibody Ki 67	X82786
1417131_at	P	0.973	Cdc25a	C76119 Mouse 3.5-dpc blastocyst cDNA <i>Mus musculus</i> cDNA clone J0003H02 3' similar to Rat mRNA for cdc25A, mRNA sequence.	C76119
1450108_at	P	0.970	C630002N23Rik	kinesin family member 1A	NM_008440
1448361_at	P	0.970	Ttc3	tetratricopeptide repeat domain 3	BB833716
1436300_at	P	0.967	C430014H23Rik	RIKEN cDNA A930019K20 gene	BB435342
1452611_at	P	0.966	Zfp294	zinc finger protein 294	BM231649
1416791_a_at	P	0.966	Nxf1	nuclear RNA export factor 1 homolog (<i>S. cerevisiae</i>)	BC005594
1453550_a_at	P	0.961	3732409C05Rik	RIKEN cDNA 3732409C05 gene	AK011187
1452385_at	P	0.960	AA939927	expressed sequence AA939927	BG076275
1451317_at	P	0.960	9430020E02Rik	RIKEN cDNA 9430020E02 gene	BB455932
1426380_at	P	0.960	Eif4b	RIKEN cDNA 2310046H11 gene	AW741459
1426068_at	P	0.957	Slc7a4	solute carrier family 7 (cationic amino acid transporter, y+ system), member 4	BC016100
1419397_at	P	0.955	Pola1	polymerase (DNA directed), alpha 1	NM_008892
1421881_a_at	P	0.954	Elavl2	ELAV (embryonic lethal, abnormal vision, <i>Drosophila</i>)-like 2 (Hu antigen B)	BB105998
1449099_at	P	0.953	Lrba	LPS-responsive beige-like anchor	NM_030695
1448952_at	P	0.948	A030009H04Rik	RIKEN cDNA A030009H04 gene	AK002962
1426815_s_at	P	0.947	AU024582	hypothetical protein MGC38812	BM248309
1448155_at	P	0.947	Pdcd6ip	programmed cell death 6 interacting protein	BC026823
1426117_a_at	P	0.946	Slc19a2	solute carrier family 19 (thiamine transporter), member 2	AF326916
1421698_a_at	P	0.946	Col19a1	procollagen, type XIX, alpha 1	NM_007733
1424252_at	P	0.944	Hnrpd1	heterogeneous nuclear ribonucleoprotein D-like	BC021374
1420617_at	P	0.941	Cpeb4	cytoplasmic polyadenylation element binding protein 4	NM_026252
1424750_at	P	0.939	Zbtb1	zinc finger and BTB domain containing 1	BC012239
1436908_at	P	0.939	Pcm1	pericentriolar material 1	BG076129
1418443_at	P	0.937	Xpo1	exportin 1, CRM1 homolog (yeast)	BC025628
1422630_at	P	0.936	Rad50	RAD50 homolog (<i>S. cerevisiae</i>)	NM_009012
1425617_at	P	0.935	Dhx9	DEAH (Asp-Glu-Ala-His) box polypeptide 9	U91922
1425242_at	P	0.934	1810006K21Rik	RIKEN cDNA 1810006K21 gene	BC024923
1430692_a_at	P	0.934	Sel1h	Sel1 (suppressor of lin-12) 1 homolog (<i>C. elegans</i>)	AK005023
1416061_at	P	0.933	Tbc1d15	TBC1 domain family, member 15	BF577643
1429745_at	P	0.932	F8a	unnamed protein product; putative weakly similar to UBE-1C2 [<i>Mus musculus</i>] (SPTR Q9R1R7, evidence: FASTY, 48.7%ID, 99.2%length, match=783); <i>Mus musculus</i> adult female placenta cDNA, RIKEN full-length enriched library, clone:1600013E24 product:weakly similar to UBE-1C2 [<i>Mus musculus</i>], full insert sequence.	AK005439
1450061_at	P	0.929	Enc1	ectodermal-neural cortex 1	BM120053
1459885_s_at	P	0.929	D13Ert6332e	cytochrome c oxidase, subunit VIIIc	AA190297
1416041_at	P	0.921	Sgk	serum/glucocorticoid regulated kinase	NM_011361
1417066_at	P	0.920	Cabc1	chaperone, ABC1 activity of bc1 complex like (<i>S. pombe</i>)	AK014605
1426379_at	P	0.918	Eif4b	RIKEN cDNA 2310046H11 gene	AW741459
1449510_at	P	0.917	Zfp467	zinc finger protein 467	NM_020589
1455740_at	P	0.917	Hnrpa1	heterogeneous nuclear ribonucleoprotein A1	BE685966
1420520_x_at	P	0.917	Eral1	Era (G-protein)-like 1 (<i>E. coli</i>)	NM_022313
1454633_at	P	0.912	Etnk1	ethanolamine kinase 1	BG066916
1433552_a_at	P	0.910	Polr2b	polymerase (RNA) II (DNA directed) polypeptide B	BQ177004

1449293_a_at	P	0.909	Skp2	AV259620 RIKEN full-length enriched, adult male testis (DH10B) <i>Mus musculus</i> cDNA clone 4930405J03 3' similar to AF083215 <i>Mus musculus</i> SCF complex protein Skp2 mRNA, mRNA sequence.	AV259620
1421064_at	P	0.905	Mpp5	membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5)	AW258373
1455904_at	P	0.904	Gas5	growth arrest specific 5	BI650268
1451688_s_at	P	0.902	Entpd8	ectonucleoside triphosphate diphosphohydrolase 6	BC020003
1422094_a_at	P	0.901	2810439M05Rik	RIKEN cDNA 2810439M05 gene	NM_026046
1421070_at	P	0.897	D3ErtD300e	DNA segment, Chr 3, ERATO Doi 300, expressed	NM_019995
1425650_at	P	0.896	Tle4	transducin-like enhancer of split 4, homolog of <i>Drosophila</i> E(spl)	AF229633
1426956_a_at	P	0.895	Trp53bp1	transformation related protein 53 binding protein 1	AJ414734
1460562_at	P	0.894	6030468D11Rik	RIKEN cDNA 6030468D11 gene	BB042938
1427737_a_at	P	0.892	1200011M11Rik	RIKEN cDNA 1200011M11 gene	BC002247
1460203_at	P	0.889	Itpr1	inositol 1,4,5-triphosphate receptor 1	NM_010585
1417254_at	P	0.887	Spata5	spermatogenesis associated 5	NM_021343
1426641_at	P	0.887	Trib2	expressed sequence AW319517	BB354684
1430571_s_at	P	0.885	2410153K17Rik	unnamed protein product; hypothetical Armadillo repeat/Armadillo/plakoglobin ARM repeat profile containing protein (InterPro IPR000225, PROSITE PS50176, evidence: InterPro) putative; <i>Mus musculus</i> ES cells cDNA, RIKEN full-length enriched library, clone:2410153K17 product:hypothetical Armadillo repeat/Armadillo/plakoglobin ARM repeat profile containing protein, full insert sequence.	AK010815
1452316_at	P	0.884	1110020M19Rik	RIKEN cDNA 1110020M19 gene	AK003874
1426896_at	P	0.881	Zfp191	BB579760 RIKEN full-length enriched, 1 day pregnant adult female ovary <i>Mus musculus</i> cDNA clone 7230402O10 5', mRNA sequence.	BB579760
1435690_at	P	0.878	9030624J02Rik	RIKEN cDNA 9030624J02 gene	BB476775
1426288_at	P	0.878	Lrp4	RIKEN cDNA 6430526J12 gene	AF247637
1438637_x_at	P	0.877	Sf3b2	AV305279 RIKEN full-length enriched, 8 days embryo <i>Mus musculus</i> cDNA clone 5730526P08 3', mRNA sequence.	AV305279
1433685_a_at	P	0.875	6430706D22Rik	RIKEN cDNA 6430706D22 gene	BM248225
1433685_a_at	P	0.875	6430706D22Rik	RIKEN cDNA 6430706D22 gene	BM248225

^a Five probes included by Affymetrix as controls were removed from this list

^b Movement into the RNP pool (R) or polysome pool (P)

TABLE S2. Genes identified by SAM^a

Probe	q.value	Gene	Description	Accession
1418255_s_at	0.0744	Srf	serum response factor	BI662291
1422586_at	0.0744	Ecel1	endothelin converting enzyme-like 1	NM_021306
1427985_at	0.0744	9630042H07Rik	RIKEN cDNA 9630042H07 gene	BC027796
1418256_at	0.1116	Srf	serum response factor	BI662291
1417657_s_at	0.1190	Zrf2	zuotin related factor 2	BG067003
1418448_at	0.1190	Rras	Harvey rat sarcoma oncogene, subgroup R	NM_009101
1419292_at	0.1190	9530081K03Rik	RIKEN cDNA 9530081K03 gene	NM_030127
1424002_at	0.1190	Pdcl3	phosducin-like 3	BC005601
1448830_at	0.1190	Dusp1	dual specificity phosphatase 1	NM_013642
1456109_a_at	0.1190	Mrps15	mitochondrial ribosomal protein S15	BB314055
1419529_at	0.1217	Il23a	interleukin 23, alpha subunit p19	NM_031252
1416134_at	0.1259	Aplp1	amyloid beta (A4) precursor-like protein 1	NM_007467
1420368_at	0.1328	Denr	Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410004J11 product:DENSITY-REGULATED PROTEIN (DRP), full insert sequence.	AK010394
1423610_at	0.1376	Metap2	Adult retina cDNA, RIKEN full-length enriched library, clone:A930035J23 product:unknown EST, full insert sequence	BG086961
1424871_s_at	0.1376	1500031H01Rik	cDNA sequence BC013706	BC013706
1425248_a_at	0.1376	Tyro3	TYRO3 protein tyrosine kinase 3	AB000828
1437354_at	0.1376		0 day neonate cerebellum cDNA, RIKEN full-length enriched library, clone:C230091D08 product:unclassifiable, full insert sequence	AI154956
1449029_at	0.1376	Mknk2	MAP kinase-interacting serine/threonine kinase 2	NM_021462
1451959_a_at	0.1376	Vegfa	vascular endothelial growth factor A	U50279
1421260_a_at	0.1381	Srm	spermidine synthase	NM_009272
1422967_a_at	0.1390	Tfrc	transferrin receptor	BB810450
1437133_x_at	0.1390	Akr1b3	2 days pregnant adult female oviduct cDNA, RIKEN full-length enriched library, clone:E230024H01 product:unknown EST, full insert sequence	AV127085
1430533_a_at	0.1456	Catnb	catenin beta	BI134907
1454686_at	0.1487	6430706D22Rik	RIKEN cDNA 6430706D22 gene	BM248225
1417394_at	0.1530	Klf4	Kruppel-like factor 4 (gut)	BG069413
1418300_a_at	0.1530	Mknk2	MAP kinase-interacting serine/threonine kinase 2	NM_021462
1420842_at	0.1530	Ptpnf	protein tyrosine phosphatase, receptor type, F	BF235516
1421519_a_at	0.1530	Zfp120	zinc finger protein 120	NM_023266
1422532_at	0.1530	Xpc	xeroderma pigmentosum, complementation group C	NM_009531
1424121_at	0.1530	Commd1	COMM domain containing 1	AB076722
1424766_at	0.1530	BC004701	cDNA sequence BC004701	BC004701
1425188_s_at	0.1530	Sel1h	Sel1 (suppressor of lin-12) 1 homolog (C. elegans)	BC026816
1425231_a_at	0.1530	Zfp46	zinc finger protein 46	BC006587
1426653_at	0.1530	Mcm3	minichromosome maintenance deficient 3 (S. cerevisiae)	BI658327
1426657_s_at	0.1530	Phgdh	3-phosphoglycerate dehydrogenase	L21027
1427913_at	0.1530	Rwdd1	RWD domain containing 1	AK003262
1428076_s_at	0.1530	Ndufb4	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 4	BG968046
1428310_at	0.1530	D3Wsu161e	RIKEN cDNA C330027G06 gene	BF321707
1428340_s_at	0.1530	1110012E06Rik	RIKEN cDNA 1110012E06 gene	BM944122
1433603_at	0.1530	BC059730	CDNA clone IMAGE:6772417, with apparent retained intron	C88200
1434120_a_at	0.1530	Metap2	methionine aminopeptidase 2	AW742814
1435857_s_at	0.1530	Aplp1	amyloid beta (A4) precursor-like protein 1	AI848048
1437621_x_at	0.1530		AV216768 RIKEN full-length enriched, ES cells Mus musculus cDNA clone 2410167D16 3' similar to L21027 Mus musculus A10 mRNA, mRNA sequence.	AV216768
1439415_x_at	0.1530	Rps21	ribosomal protein S21	AV151252
1448319_at	0.1530	Akr1b3	aldo-keto reductase family 1, member B3 (aldose reductase)	NM_009658
1448320_at	0.1530	Stim1	stromal interaction molecule 1	NM_009287
1448439_at	0.1530	D17Wsu104e	interleukin 25	NM_080837
1448440_x_at	0.1530	D17Wsu104e	interleukin 25	NM_080837

1451109_a_at	0.1530	Nedd4	neural precursor cell expressed, developmentally down-regulated gene 4	BG073415
1452519_a_at	0.1530	Zfp36	unnamed protein product; TIS11 (AA 1 - 183); Mouse TPA-induced TIS11 mRNA.	X14678
1455372_at	0.1530	Cpeb3	cytoplasmic polyadenylation element binding protein 3	BB770826
1456244_x_at	0.1530	Txnl2	thioredoxin-like 2	BB458835
1423948_at	0.1554	Bag2	Bcl2-associated athanogene 2	BC016230
1428464_at	0.1554	Ndufa3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3	AV048277
1460711_at	0.1554	9930116P15Rik	ES cells cDNA, RIKEN full-length enriched library, clone:C330022M23 product:unclassifiable, full insert sequence	BG071611
1415761_at	0.1563	Mrpl52	mitochondrial ribosomal protein L52	AV021593
1415950_a_at	0.1563	Pbp	phosphatidylethanolamine binding protein	NM_018858
1415997_at	0.1563	Txnip	thioredoxin interacting protein	AF173681
1416845_at	0.1563	Hspa5bp1	heat shock 70kDa protein 5 binding protein 1	NM_133804
1417155_at	0.1563	Nmyc1	neuroblastoma myc-related oncogene 1	BC005453
1417389_at	0.1563	Gpc1	glypican 1	NM_016696
1417773_at	0.1563	Nans	602916387F1 NCI_CGAP_Lu29 Mus musculus cDNA clone IMAGE:5067068 5', mRNA sequence.	BI151886
1417774_at	0.1563	Nans	602916387F1 NCI_CGAP_Lu29 Mus musculus cDNA clone IMAGE:5067068 5', mRNA sequence.	BI151886
1418888_a_at	0.1563	Sepr	selenoprotein R	NM_013759
1419356_at	0.1563	Klf7	Kruppel-like factor 7 (ubiquitous)	BB524597
1419550_a_at	0.1563	Stk39	6 days neonate head cDNA, RIKEN full-length enriched library, clone:5430411A13 product:serine/threonine kinase 39, STE20/SPS1 homolog (yeast), full insert sequence	BG919998
1419647_a_at	0.1563	Ier3	immediate early response 3	NM_133662
1420628_at	0.1563	Pura	purine rich element binding protein A	NM_008989
1420811_a_at	0.1563	Catnb	catenin beta	NM_007614
1420878_a_at	0.1563	Ywhab	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide	NM_018753
1422430_at	0.1563	Fignl1	fidgetin-like 1	NM_021891
1422527_at	0.1563	H2-DMa	histocompatibility 2, class II, locus DMA	NM_010386
1422718_at	0.1563	Ap3s2	adaptor-related protein complex 3, sigma 2 subunit	NM_009682
1423294_at	0.1563	Mest	Transcribed sequence with moderate similarity to protein sp:Q9UBF2 (H.sapiens) CPG2_HUMAN Coatomer gamma-2 subunit	AW555393
1423857_at	0.1563	Mrpl30	mitochondrial ribosomal protein L30	BC004614
1423916_s_at	0.1563	Mlf2	myeloid leukemia factor 2	BC003975
1424285_s_at	0.1563	Arl6ip4	ADP-ribosylation factor-like 6 interacting protein 4	AB035383
1424391_at	0.1563	Nrd1	nardilysin, N-arginine dibasic convertase, NRD convertase 1	BC026832
1424988_at	0.1563	Mylip	myosin regulatory light chain interacting protein	BC010206
1425196_a_at	0.1563	Hint2	histidine triad nucleotide binding protein 2	AF356874
1426648_at	0.1563	Mapkapk2	MAP kinase-activated protein kinase 2	BG918951
1426895_at	0.1563	Zfp191	BB579760 RIKEN full-length enriched, 1 day pregnant adult female ovary Mus musculus cDNA clone 7230402O10 5', mRNA sequence.	BB579760
1427490_at	0.1563	Abcb7	ATP-binding cassette, sub-family B (MDR/TAP), member 7	U43892
1428075_at	0.1563	Ndufb4	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 4	BG968046
1428286_at	0.1563	2900097C17Rik	13 days embryo forelimb cDNA, RIKEN full-length enriched library, clone:5930433F13 product:unknown EST, full insert sequence	AW545056
1428869_at	0.1563	Nolc1	nucleolar and coiled-body phosphoprotein 1	BM213850
1429144_at	0.1563	2310032D16Rik	RIKEN cDNA 2310032D16 gene	AV291259
1429850_x_at	0.1563	2010004B12Rik	RIKEN cDNA 2010004B12 gene	AK008083
1448331_at	0.1563	Ndufb7	calmegin	NM_025843
1448346_at	0.1563	Cfl1	cofilin 1, non-muscle	NM_007687
1448566_at	0.1563	Slc40a1	solute carrier family 40 (iron-regulated transporter), member 1	AF226613
1448604_at	0.1563	AA407809	expressed sequence AA407809	NM_030724
1448784_at	0.1563	Taf10	TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor	NM_020024
1449080_at	0.1563	Hdac2	histone deacetylase 2	NM_008229
1449294_at	0.1563	Mrps15	mitochondrial ribosomal protein S15	NM_025544
1449324_at	0.1563	Ero1l	Transcribed sequences	BM234652
1450008_a_at	0.1563	Catnb	catenin beta	NM_007614

1451425_a_at	0.1563	Mkrn1	makorin, ring finger protein, 1	BC003329
1452357_at	0.1563	Sept5	septin 5	AF033350
1452646_at	0.1563	1110029F20Rik	RIKEN cDNA 1110029F20 gene	AK003956
1454674_at	0.1563	Fez1	fasciculation and elongation protein zeta 1 (zygin I)	AU067669
1454760_at	0.1563	2600017A12Rik	RIKEN cDNA 2600017A12 gene	AW543705
1455288_at	0.1563	1110036O03Rik	RIKEN cDNA 1110036O03 gene	BE951265
1456128_at	0.1563	Atp5g2	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 2	AW413339
1456471_x_at	0.1563	Phgdh	Transcribed sequence with strong similarity to protein sp:Q61753 (M.musculus) SERA_MOUSE D-3-phosphoglycerate dehydrogenase	BB204486
1417357_at	0.1568	Emd	emerin	NM_007927
1437907_a_at	0.1568	Tbca	tubulin cofactor a	BB559082
1452315_at	0.1568	Kif11	kinesin family member 11	BB827235
1415899_at	0.1571	Junb	Jun-B oncogene	NM_008416
1424750_at	0.1571	Zbtb1	zinc finger and BTB domain containing 1	BC012239
1450878_at	0.1571	Sri	RIKEN cDNA 2210417O06 gene	AK008404
1450981_at	0.1571	Cnn2	calponin 2	BI663014
1416250_at	0.1601	Btg2	B-cell translocation gene 2, anti-proliferative	NM_007570
1416859_at	0.1601	Fkbp3	FK506 binding protein 3	NM_013902
1424488_a_at	0.1601	1110013G13Rik	RIKEN cDNA 1110013G13 gene	BC011417
1428848_a_at	0.1606	Macf1	microtubule-actin crosslinking factor 1	BM248206
1416584_at	0.1607	Man2b2	mannosidase 2, alpha B2	NM_008550
1417792_at	0.1607	Np220	nuclear protein 220	BM238431
1418248_at	0.1607	Gla	galactosidase, alpha	NM_013463
1418545_at	0.1607	Wasf1	WASP family 1	NM_031877
1420971_at	0.1607	Ubr1	ubiquitin protein ligase E3 component n-recognin 1	BQ173927
1421152_a_at	0.1607	Gnao	guanine nucleotide binding protein, alpha o	NM_010308
1421333_a_at	0.1607	Mynn	myoneurin	AK019238
1421889_a_at	0.1607	Aplp2	amyloid beta (A4) precursor-like protein 2	M97216
1421955_a_at	0.1607	Nedd4	neural precursor cell expressed, developmentally down-regulated gene 4	NM_010890
1424269_a_at	0.1607	Myl6	myosin light chain, alkali, nonmuscle	BC026760
1424515_at	0.1607		BB440272 RIKEN full-length enriched, 9 days embryo Mus musculus cDNA clone D030020O16 3', mRNA sequence.	BB440272
1425194_a_at	0.1607	6330577E15Rik	RIKEN cDNA 6330577E15 gene	BC024403
1425206_a_at	0.1607	0610009M14Rik	BB224620 RIKEN full-length enriched, adult male aorta and vein Mus musculus cDNA clone A530087G20 3', mRNA sequence.	BB224620
1426297_at	0.1607	Tcfe2a	transcription factor E2a	AF352579
1427294_a_at	0.1607	1810073N04Rik	RIKEN cDNA 1810073N04 gene	BB406585
1448050_s_at	0.1607	Map4k4	mitogen-activated protein kinase kinase kinase kinase 4	BF450398
1448498_at	0.1607	Rps6ka4	ribosomal protein S6 kinase, polypeptide 4	NM_019924
1448794_s_at	0.1607	Zrf2	zuotin related factor 2	BG067003
1416247_at	0.1617	Dctn3	dynactin 3	NM_016890
1416636_at	0.1617	Rheb	RAS-homolog enriched in brain	NM_053075
1417510_at	0.1617	Vps4a	vacuolar protein sorting 4a (yeast)	NM_126165
1418709_at	0.1617	Cox7a1	cytochrome c oxidase, subunit VIIa 1	AF037370
1426606_at	0.1617	Crtac1	cartilage acidic protein 1	BB426194
1435041_at	0.1617	Myl6	myosin light chain, alkali, nonmuscle	BI108818
1415919_at	0.1632	Npdc1	neural proliferation, differentiation and control gene 1	NM_008721
1416098_at	0.1632	Syngn3	synaptogyrin 3	NM_011522
1416673_at	0.1632	Bace2	beta-site APP-cleaving enzyme 2	NM_019517
1416834_x_at	0.1632	Ndufb2	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2	NM_026612
1417379_at	0.1632	Iqgap1	IQ motif containing GTPase activating protein 1	NM_016721
1417380_at	0.1632	Iqgap1	IQ motif containing GTPase activating protein 1	NM_016721
1417585_at	0.1632	Nup210	nucleoporin 210	NM_018815
1417959_at	0.1632	Pdlim7	PDZ and LIM domain 7	NM_026131
1418577_at	0.1632	Trim8	tripartite motif protein 8	BG063064
1418974_at	0.1632	Blzf1	basic leucine zipper nuclear factor 1	AK006544
1419351_a_at	0.1632	0610007P06Rik	RIKEN cDNA 0610007P06 gene	BC003916

1420922_at	0.1632	Usp9x	Similar to ubiquitin specific protease 9, X-linked isoform 2; Drosophila fat facets related, X-linked; ubiquitin specific protease 9, X chromosome (fat facets-like Drosophila) (LOC240170), mRNA	AW107303
1421395_at	0.1632	Zik1	zinc finger protein interacting with K protein 1	NM_009577
1422520_at	0.1632	Nef3	neurofilament 3, medium	NM_008691
1422614_s_at	0.1632	Bloc1s1	GCN5 general control of amino acid synthesis-like 1 (yeast)	NM_015740
1422720_at	0.1632	Isl1	UI-M-DJ2-bwa-g-01-0-UI.s1 NIH_BMAP_DJ2 Mus musculus cDNA clone UI-M-DJ2-bwa-g-01-0-UI 3', mRNA sequence.	BQ176915
1423086_at	0.1632	Npc1	RIKEN cDNA 2400010D15 gene	BB769209
1423804_a_at	0.1632	Idi1	isopentenyl-diphosphate delta isomerase	BC004801
1423919_at	0.1632	BC023882	cDNA sequence BC023882	BC027393
1424396_a_at	0.1632	Asrgl1	asparaginase like 1	AU040643
1424640_at	0.1632	1110033P22Rik	RIKEN cDNA 1110033P22 gene	BC018479
1424684_at	0.1632	Rab5c	RAB5C, member RAS oncogene family	BC023027
1424773_at	0.1632	1110012M11Rik	RIKEN cDNA 1110012M11 gene	BC020119
1428494_a_at	0.1632	Polr2i	polymerase (RNA) II (DNA directed) polypeptide I	BB284638
1430692_a_at	0.1632	Sel1h	Sel1 (suppressor of lin-12) 1 homolog (C. elegans)	AK005023
1433451_at	0.1632	Cdk5r	cyclin-dependent kinase 5, regulatory subunit (p35)	BB177836
1433549_x_at	0.1632	Rps21	ribosomal protein S21	AV123618
1433721_x_at	0.1632	Rps21	ribosomal protein S21	AV123577
1433946_at	0.1632	Zik1	zinc finger protein interacting with K protein 1	BE824681
1434396_a_at	0.1632	Myl6	myosin light chain, alkali, nonmuscle	AU017189
1434442_at	0.1632	D5Ert593e	DNA segment, Chr 5, ERATO Doi 593, expressed	BB667844
1435067_at	0.1632	B230208H17Rik	RIKEN cDNA B230208H17 gene	BG075288
1435652_a_at	0.1632	Gnai2	uz40a02.x1 NCI_CGAP_Mam5 Mus musculus cDNA clone IMAGE:3671498 3', mRNA sequence.	BF228116
1435690_at	0.1632	9030624J02Rik	RIKEN cDNA 9030624J02 gene	BB476775
1436859_at	0.1632	2700007P21Rik	RIKEN cDNA 2700007P21 gene	AV342631
1438264_a_at	0.1632	Tpp2	tripeptidyl peptidase II	AW536258
1448086_at	0.1632	D1Ert164e	Transcribed sequences	BG079429
1448592_at	0.1632	Crtap	cartilage associated protein	NM_019922
1449011_at	0.1632	Slc12a7	solute carrier family 12, member 7	BB732135
1449108_at	0.1632	Fdx1	ferredoxin 1	D43690
1449138_at	0.1632	Sf3b1	splicing factor 3b, subunit 1	BE951504
1450700_at	0.1632	Cdc42ep3	CDC42 effector protein (Rho GTPase binding) 3	BB012489
1452002_at	0.1632	BC024969	cDNA sequence BC024969	BC024969
1452099_at	0.1632	AA408296	expressed sequence AA408296	BG070043
1456615_a_at	0.1632	Falz	vx16a10.r1 Soares_thymus_2NbMT Mus musculus cDNA clone IMAGE:1264602 5', mRNA sequence.	AA867746
1456745_x_at	0.1632	Sdbcag84	serologically defined breast cancer antigen 84	BB253632
1418942_at	0.1634	Ccdc2	coiled-coil domain containing 2	NM_026319
1424172_at	0.1634	Hagh	hydroxyacyl glutathione hydrolase	BC004749
1451432_x_at	0.1634	2010004B12Rik	RIKEN cDNA 2010004B12 gene	BC022729
1421698_a_at	0.1640	Col19a1	procollagen, type XIX, alpha 1	NM_007733
1448427_at	0.1640	Ndufa6	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6 (B14)	NM_025987
1415811_at	0.1650	Uhrf1	ubiquitin-like, containing PHD and RING finger domains, 1	BB702754
1416057_at	0.1650	Np15	nuclear protein 15.6	BC027265
1416062_at	0.1650	Tbc1d15	TBC1 domain family, member 15	BF577643
1416129_at	0.1650	1300002F13Rik	RIKEN cDNA 1300002F13 gene	NM_133753
1416495_s_at	0.1650	Ndufs5	NADH dehydrogenase (ubiquinone) Fe-S protein 5	NM_134104
1416528_at	0.1650	Sh3bgrl3	SH3 domain binding glutamic acid-rich protein-like 3	NM_080559
1416782_s_at	0.1650	DXImx39e	DNA segment, Chr X, Immunex 39, expressed	NM_138602
1417594_at	0.1650	Gkap42	cGMP-dependent protein kinase anchoring protein	NM_019832
1418443_at	0.1650	Xpo1	exportin 1, CRM1 homolog (yeast)	BC025628
1419803_s_at	0.1650	2700094L05Rik	RIKEN cDNA 2700094L05 gene	C76605
1421266_s_at	0.1650	Nfkbib	nuclear factor of kappa light chain gene enhancer in B-cells inhibitor, beta	NM_010908

1421881_a_at	0.1650	Elavl2	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 2 (Hu antigen B)	BB105998
1421903_at	0.1650	2810405O22Rik	RIKEN cDNA 2810405O22 gene	AK005112
1422597_at	0.1650	Mmp15	matrix metalloproteinase 15	NM_008609
1422683_at	0.1650	Irak1bp1	interleukin-1 receptor-associated kinase 1 binding protein 1	NM_022986
1422966_a_at	0.1650	Tfrc	transferrin receptor	BB810450
1424738_at	0.1650	4932432K03Rik	RIKEN cDNA 4932432K03 gene	BE288551
1425721_at	0.1650	Phip	pleckstrin homology domain interacting protein	BI737352
1425940_a_at	0.1650	Ssbp3	single-stranded DNA binding protein 3	AF170906
1427309_at	0.1650	BC027073	cDNA sequence BC027073	BF583012
1428842_a_at	0.1650	Ngfrap1	nerve growth factor receptor (TNFRSF16) associated protein 1	BI407690
1428954_at	0.1650	Slc9a3r2	solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 2	AK004710
1430571_s_at	0.1650	2410153K17Rik	unnamed protein product; hypothetical Armadillo repeat/Armadillo/plakoglobin ARM repeat profile containing protein (InterPro IPR000225, PROSITE PS50176, evidence: InterPro) putative; Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410153K17 product:hypothetical Armadillo repeat/Armadillo/plakoglobin ARM repeat profile containing protein, full insert sequence.	AK010815
1433554_at	0.1650	AU022870	hypothetical protein MGC56855	BM246500
1434392_at	0.1650	Usp34	U2af1-rs1 region 2	BM235696
1434872_x_at	0.1650	Rpl37	AV170241 Mus musculus head C57BL/6J 13-day embryo Mus musculus cDNA clone 3110094P05, mRNA sequence.	AV170241
1448876_at	0.1650	Evc	Ellis van Creveld gene homolog (human)	NM_021292
1448917_at	0.1650	Thrap6	thyroid hormone receptor associated protein 6	NM_027212
1448952_at	0.1650	A030009H04Rik	RIKEN cDNA A030009H04 gene	AK002962
1450466_at	0.1650		Adult male corpora quadrigemina cDNA, RIKEN full-length enriched library, clone:B230310J22 product:unclassifiable, full insert sequence	BI739719
1450925_a_at	0.1650	Rps27l	ribosomal protein S27-like	BB836796
1452790_x_at	0.1650	Ndufa3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3	AV048277
1453550_a_at	0.1650	3732409C05Rik	RIKEN cDNA 3732409C05 gene	AK011187
1455039_a_at	0.1650	Sin3b	transcriptional regulator, SIN3B (yeast)	BF017589
1433991_x_at	0.1660	Dbi	diazepam binding inhibitor	AV007315
1451291_at	0.1660	2610036N15Rik	RIKEN cDNA 2610036N15 gene	BC026942
1460675_at	0.1660	Igsf8	immunoglobulin superfamily, member 8	AF411055
1460718_s_at	0.1660	Mtch1	mitochondrial carrier homolog 1 (C. elegans)	AF192558
1416245_at	0.1678	O610033H09Rik	RIKEN cDNA O610033H09 gene	NM_025338
1416910_at	0.1692	Dnajd1	DnaJ (Hsp40) homolog, subfamily D, member 1	NM_025384
1417652_a_at	0.1692	Tbca	tubulin cofactor a	NM_009321
1418123_at	0.1692	Unc119	unc-119 homolog (C. elegans)	BC001990
1418273_a_at	0.1692	Rpl30	ribosomal protein L30	NM_009083
1418714_at	0.1692	Dusp8	dual specificity phosphatase 8	NM_008748
1418918_at	0.1692	Igfbp1	insulin-like growth factor binding protein 1	NM_008341
1420402_at	0.1692	Atp2b2	ATPase, Ca++ transporting, plasma membrane 2	NM_009723
1420617_at	0.1692	Cpeb4	cytoplasmic polyadenylation element binding protein 4	NM_026252
1422134_at	0.1692	Fosb	FBJ osteosarcoma oncogene B	NM_008036
1422507_at	0.1692	Cstb	cystatin B	NM_007793
1425384_a_at	0.1692	Ube4a	ubiquitination factor E4A, UFD2 homolog (S. cerevisiae)	BC006649
1426659_a_at	0.1692	BC029892	Similar to 60S ribosomal protein L23a (LOC268449), mRNA	BF178310
1427173_a_at	0.1692	Mrps33	mitochondrial ribosomal protein S33	Y17852
1434053_x_at	0.1692	Atp5k	ATP synthase, H+ transporting, mitochondrial F1F0 complex, subunit leucine rich repeat (in FLII) interacting protein 2	AV216686
1436510_a_at	0.1692	Lrrfip2		BE456782
1448685_at	0.1692	2900010M23Rik	RIKEN cDNA 2900010M23 gene	NM_026063
1451012_a_at	0.1692	Csda	AV216648 RIKEN full-length enriched, ES cells Mus musculus cDNA clone 2410165I03 3' similar to D14485 Mouse mRNA for dbpA murine homologue, mRNA sequence.	AV216648
1451211_a_at	0.1692	Lgtn	ligatin	BC025036
1451255_at	0.1692	Lisch7	liver-specific bHLH-Zip transcription factor	BC004672
1451602_at	0.1692	Snx6	sorting nexin 6	BC025911

1453362_x_at	0.1692	Rps24	ribosomal protein S24	AK008386
1415971_at	0.1702	Marcks	myristoylated alanine rich protein kinase C substrate	AW546141
1417131_at	0.1702	Cdc25a	C76119 Mouse 3.5-dpc blastocyst cDNA Mus musculus cDNA clone J0003H02 3' similar to Rat mRNA for cdc25A, mRNA sequence.	C76119
1421131_a_at	0.1702	Zfp111	zinc finger protein 111	AV174549
1424110_a_at	0.1702	Nme1	expressed in non-metastatic cells 1, protein	BC005629
1425702_a_at	0.1702	Enpp5	ectonucleotide pyrophosphatase/phosphodiesterase 5	BC011294
1426244_at	0.1702	Mapre2	microtubule-associated protein, RP/EB family, member 2	BC027056
1426641_at	0.1702	Trib2	expressed sequence AW319517	BB354684
1426660_x_at	0.1702	BC029892	Similar to 60S ribosomal protein L23a (LOC268449), mRNA	BF178310
1427335_at	0.1702	6720456H20Rik	BB238358 RIKEN full-length enriched, 3 days neonate thymus Mus musculus cDNA clone A630071E21 3', mRNA sequence.	BB238358
1428453_at	0.1702	4930487N19Rik	RIKEN cDNA 4930487N19 gene	AK017805
1439389_s_at	0.1702	Myadm	BB500055 RIKEN full-length enriched, 0 day neonate kidney Mus musculus cDNA clone D630024J02 3' similar to AJ001616 Mus musculus mRNA for myeloid associated differentiation protein, mRNA sequence.	BB500055
1450162_at	0.1702	Dpf3	D4, zinc and double PHD fingers, family 3	NM_058212
1417886_at	0.1707	1810009A15Rik	RIKEN cDNA 1110055N21 gene	BE307471
1434561_at	0.1709	Asxl1	additional sex combs like 1 (Drosophila)	BI648411
1448127_at	0.1709	Rrm1	ribonucleotide reductase M1	BB758819
1450350_a_at	0.1709	Jundm2	Jun dimerization protein 2	NM_030887
1452143_at	0.1709	Spnb2	spectrin beta 2	BQ174069
1439368_a_at	0.1719	Slc9a3r2	AV002797 Mus musculus C57BL/6J kidney Mus musculus cDNA clone 0610020H24, mRNA sequence.	AV002797
1449633_s_at	0.1721	C330027I04Rik	RIKEN cDNA C330027I04 gene	AI841843
1418019_at	0.1734	Cpd	carboxypeptidase D	NM_007754
1420909_at	0.1734	Vegfa	vascular endothelial growth factor A	NM_009505
1421255_a_at	0.1734	Cabp1	calcium binding protein 1	NM_013879
1422489_at	0.1734	Gcs1	glucosidase 1	NM_020619
1422807_at	0.1734	Arf5	ADP-ribosylation factor 5	NM_007480
1422882_at	0.1734	Sypl	synaptophysin-like protein	BE333485
1427876_at	0.1734	2610312B22Rik	RIKEN cDNA 2610312B22 gene	BB703070
1448483_a_at	0.1734	Ndufb2	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2	NM_026612
1452184_at	0.1734	Ndufb9	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9	W29413
1416367_at	0.1743	1110001J03Rik	RIKEN cDNA 1110001J03 gene	NM_025363
1416519_at	0.1743	Rpl36	ribosomal protein L36	NM_018730
1417348_at	0.1743	2310039H08Rik	male enhanced antigen 1	NM_025966
1418022_at	0.1743	Narg1	NMDA receptor-regulated gene 1	BG067031
1421052_a_at	0.1743	Sms	spermine synthase	NM_009214
1424315_at	0.1743	1110004E09Rik	RIKEN cDNA 1110004E09 gene	BC019533
1424456_at	0.1743	Pvrl2	poliovirus receptor-related 2	BC009088
1424894_at	0.1743	Rab13	RAB13, member RAS oncogene family	BC027214
1425617_at	0.1743	Dhx9	DEAH (Asp-Glu-Ala-His) box polypeptide 9	U91922
1427143_at	0.1743	Jarid1b	jumonji, AT rich interactive domain 1B (Rbp2 like)	BC019446
1427943_at	0.1743	Acyp2	acylphosphatase 2, muscle type	BI730288
1428164_at	0.1743	Nudt9	nudix (nucleoside diphosphate linked moiety X)-type motif 9	AK004444
1428214_at	0.1743	Tomm7	translocase of outer mitochondrial membrane 7 homolog (yeast)	BB609428
1428679_s_at	0.1743	0610010K14Rik	RIKEN cDNA 0610010K14 gene	AK003842
1429473_at	0.1743	1200003I07Rik	RIKEN cDNA 1200003I07 gene	AV292561
1430295_at	0.1743	Gna13	guanine nucleotide binding protein, alpha 13	BG094302
1433616_a_at	0.1743	2310028O11Rik	Adult male xiphoid cartilage cDNA, RIKEN full-length enriched library, clone:5230400C04 product:unknown EST, full insert sequence	BG793007
1435517_x_at	0.1743	Ralb	BB465250 RIKEN full-length enriched, 12 days embryo spinal ganglion Mus musculus cDNA clone D130097N13 3' similar to L19699 Rat GTP-binding protein (ral B) mRNA, mRNA sequence.	BB465250
1436121_a_at	0.1743	2510027N19Rik	RIKEN cDNA 2510027N19 gene	BI903760
1437013_x_at	0.1743	Atp6v0b	AV339131 RIKEN full-length enriched, adult male olfactory bulb Mus musculus cDNA clone 6430502C13 3', mRNA sequence.	AV339131
1437450_x_at	0.1743	2700060E02Rik	RIKEN cDNA 2700060E02 gene	AV167877

1438986_x_at	0.1743	Rps17	ribosomal protein S17	AV064451
1450638_at	0.1743	Pdcd5	programmed cell death 5	AF161074
1451017_at	0.1743	Sdbcag84	BB556862 RIKEN full-length enriched, 2 days pregnant adult female ovary Mus musculus cDNA clone E330025K14 3' similar to AL161963 Homo sapiens mRNA; cDNA DKFZp547A2190 (from clone DKFZp547A2190), mRNA sequence.	BB556862
1452164_at	0.1743	BC038286	cDNA sequence BC038286	BI647183
1452679_at	0.1743	2410129E14Rik	Transcribed sequence with strong similarity to protein ref:NP_001060.1 (H.sapiens) tubulin, beta polypeptide [Homo sapiens]	AA986082
1456590_x_at	0.1743	Akr1b3	BB469763 RIKEN full-length enriched, 12 days embryo eyeball Mus musculus cDNA clone D230028K07 3' similar to L39795 Mus musculus (clone MAR1) aldose reductase mRNA, mRNA sequence.	BB469763
1460697_s_at	0.1743	2610209M04Rik	RIKEN cDNA 2610209M04 gene	BC027564
1460739_at	0.1743	D11Bwg0280e	DNA segment, Chr 11, Brigham & Women's Genetics 0280e expressed	BQ174371
1416922_a_at	0.1751	Bnip3l	BCL2/adenovirus E1B 19kDa-interacting protein 3-like	AK018668
1422432_at	0.1751	Dbi	diazepam binding inhibitor	NM_007830
1423321_at	0.1751	Myadm	myeloid-associated differentiation marker	BI078799
1423087_a_at	0.1757	1110002E23Rik	RIKEN cDNA 1110002E23 gene	BB453951
1418910_at	0.1758	Bmp7	bone morphogenetic protein 7	NM_007557
1427938_at	0.1764	Mycbp	c-myc binding protein	BB046347
1427903_at	0.1765	Phpt1	RIKEN cDNA 1700008C22 gene	BB650419
1422524_at	0.1767	Abcb6	ATP-binding cassette, sub-family B (MDR/TAP), member 6	NM_023732
1418439_at	0.1774	2900055D03Rik	RIKEN cDNA 2900055D03 gene	NM_026065
1422608_at	0.1774	Arpp19	cAMP-regulated phosphoprotein 19	BE648432
1423507_a_at	0.1774	Sirt2	Transcribed sequence with moderate similarity to protein ref:NP_036369.2 (H.sapiens) sirtuin 2, isoform 1; SIR2	BB807595
1424753_at	0.1774	Nudt14	nudix (nucleoside diphosphate linked moiety X)-type motif 14	BC025444
1424771_at	0.1774	E130307C13	hypothetical protein E130307C13	BF661121
1431771_a_at	0.1774	Irak1bp1	interleukin-1 receptor-associated kinase 1 binding protein 1	AK014712
1436803_a_at	0.1774	Ndufb9	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9	AV161987
1449040_a_at	0.1774	Sephs2	selenophosphate synthetase 2	NM_009266
1455950_x_at	0.1774	Rpl35	RIKEN cDNA 1700123D08 gene	AV172221
1456381_x_at	0.1774	Mcl1	myeloid cell leukemia sequence 1	AV274748
1418327_at	0.1775	1110058L19Rik	RIKEN cDNA 1110058L19 gene	NM_026503
1415879_a_at	0.1804	Rplp2	ribosomal protein, large P2	BC012413
1423653_at	0.1804	Atp1a1	ATPase, Na ⁺ /K ⁺ transporting, alpha 1 polypeptide	BC025618
1426940_at	0.1804	BC023957	cDNA sequence BC023957	BI412808
1434325_x_at	0.1804	Prkar1b	BB274009 RIKEN full-length enriched, 10 days neonate cortex Mus musculus cDNA clone A830086C24 3', mRNA sequence.	BB274009
1451259_at	0.1804	Smfn	small fragment nuclease	BC003445
1452726_a_at	0.1804	1110061L23Rik	RIKEN cDNA 1110061L23 gene	AK016797
1456691_s_at	0.1804	Srd5a2l	BB825787 RIKEN full-length enriched, mammary gland RCB-0526 Jyg-MC(A) cDNA Mus musculus cDNA clone G830039K08 3', mRNA sequence.	BB825787
1422480_at	0.1805	Snx3	sorting nexin 3	NM_017472
1426744_at	0.1805	Srebf2	sterol regulatory element binding factor 2	BM123132
1448540_a_at	0.1805	0610012G03Rik	RIKEN cDNA 0610012G03 gene	BC021536
1451385_at	0.1805	2310056P07Rik	RIKEN cDNA 2310056P07 gene	BC010826
1423210_a_at	0.1808	Nola3	nucleolar protein family A, member 3	AK004120
1449267_at	0.1808	3110023E09Rik	RIKEN cDNA 3110023E09 gene	BC006876
1452246_at	0.1808	Ostf1	osteoclast stimulating factor 1	U58888
1454870_x_at	0.1808	D15Ertd747e	DNA segment, Chr 15, ERATO Doi 747, expressed	BB251205
1416480_a_at	0.1810	Hig1	hypoxia induced gene 1	NM_019814
1417320_at	0.1810	Grpel1	GrpE-like 1, mitochondrial	NM_024478
1417399_at	0.1810	Gas6	growth arrest specific 6	NM_019521
1418244_at	0.1810	Nat5	N-acetyltransferase 5 (ARD1 homolog, S. cerevisiae)	NM_026425
1422011_s_at	0.1810	Xlr	X-linked lymphocyte-regulated complex	BC005560
1422716_a_at	0.1810	Acp1	acid phosphatase 1, soluble	AW554436

1426510_at	0.1810	C330023F11Rik	RIKEN cDNA C330023F11 gene	AW537824
1438659_x_at	0.1810	0710001P09Rik	BB458460 RIKEN full-length enriched, 12 days embryo spinal ganglion <i>Mus musculus</i> cDNA clone D130057E08 3', mRNA sequence.	BB458460
1449190_a_at	0.1810	Lysal1	lysosomal apyrase-like 1	NM_026174
1449289_a_at	0.1810	B2m	RIKEN cDNA E130113K22 gene	BF715219
1449302_at	0.1810	Abca2	ATP-binding cassette, sub-family A (ABC1), member 2	NM_007379
1460670_at	0.1810	Riok3	RIO kinase 3 (yeast)	NM_024182
1426960_a_at	0.1813	Fa2h	fatty acid 2-hydroxylase	BM118638
1452111_at	0.1813	Mrps35	mitochondrial ribosomal protein S35	AV304074
1417026_at	0.1814	Pfdn1	prefoldin 1	BC024693
1421500_at	0.1826	Sts	steroid sulfatase	NM_009293
1423764_s_at	0.1826	Mrpl37	mitochondrial ribosomal protein L37	BC011065
1424073_at	0.1826	5430437P03Rik	RIKEN cDNA 5430437P03 gene	BC005692
1426209_at	0.1826	Strn4	striatin, calmodulin binding protein 4	AF414080
1436236_x_at	0.1826	Cotl1	coactosin-like 1 (<i>Dictyostelium</i>)	AI327078
1452272_a_at	0.1826	Gfer	growth factor, erv1 (<i>S. cerevisiae</i>)-like (augmenter of liver regeneration)	BI901126
1419299_at	0.1830	2010012O05Rik	RIKEN cDNA 2010012O05 gene	NM_025563
1439466_s_at	0.1830	Ptcd1	BB001490 RIKEN full-length enriched, 13 days embryo head <i>Mus musculus</i> cDNA clone 3110026K15 3' similar to AF058791 <i>Rattus norvegicus</i> G10 protein homolog (<i>edg2</i>) mRNA, mRNA sequence.	BB001490
1418229_s_at	0.1831	Hirip5	histone cell cycle regulation defective interacting protein 5	BC018355
1422977_at	0.1831	Gp1bb	glycoprotein Ib, beta polypeptide	NM_010327
1424708_at	0.1831	1110014C03Rik	RIKEN cDNA 1110014C03 gene	BI409239
1416231_at	0.1839	D8Wsu151e	synonyms: Trx, Vac14, Tax1bp2, BC032215, MGC38230; cDNA sequence BC032215; Tax1 (human T-cell leukemia virus type I) binding protein 1; Tax1 (human T-cell leukemia virus type I) binding protein 2; vacuole morphology 14 (yeast); <i>Mus musculus</i> DNA segment, Chr 8, Wayne State University 151, expressed (D8Wsu151e), mRNA.	NM_138588
1416494_at	0.1839	Ndufs5	NADH dehydrogenase (ubiquinone) Fe-S protein 5	NM_134104
1416881_at	0.1839	Mcl1	myeloid cell leukemia sequence 1	BC003839
1419352_at	0.1839	0610007P06Rik	RIKEN cDNA 0610007P06 gene	BC003916
1423133_at	0.1839	0610040D20Rik	RIKEN cDNA 0610040D20 gene	BG071645
1423737_at	0.1839	Ndufs3	NADH dehydrogenase (ubiquinone) Fe-S protein 3	BC027270
1438391_x_at	0.1839	Hadh2	hydroxyacyl-Coenzyme A dehydrogenase type II	AV078914
1449381_a_at	0.1839	Paccin1	protein kinase C and casein kinase substrate in neurons 1	BI731319
1449855_s_at	0.1839	Uchl3	ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase)	AB033370
1450389_s_at	0.1839	Pip5k1a	phosphatidylinositol-4-phosphate 5-kinase, type 1 alpha	NM_008846
1451045_at	0.1839	Syt13	synaptotagmin 13	BE648447
1451091_at	0.1839	Txndc5	thioredoxin domain containing 5	BC016252
1455640_a_at	0.1839	Txn2	AV053127 <i>Mus musculus</i> pancreas C57BL/6J adult <i>Mus musculus</i> cDNA clone 1810025B13, mRNA sequence.	AV053127
1417511_at	0.1841	Lyar	Ly1 antibody reactive clone	NM_025281
1418072_at	0.1841	Hist1h2bc	histone 1, H2bc	NM_023422
1419398_a_at	0.1841	Dp1	deleted in polyposis 1	NM_007874
1419456_at	0.1841	Dcxr	dicarbonyl L-xylulose reductase	BC012247
1460354_a_at	0.1841	Mrpl13	mitochondrial ribosomal protein L13	AB049641
1431208_a_at	0.1844	Slc9a3r2	solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 2	BF468098
1424394_at	0.1846	Sepm	selenoprotein M	AY043488
1435695_a_at	0.1846	A030007L17Rik	RIKEN cDNA A030007L17 gene	AA673177
1416836_at	0.1851	Lrp10	low-density lipoprotein receptor-related protein 10	BC011058
1417368_s_at	0.1851	Ndufa2	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2	NM_010885
1418588_at	0.1851	Vmp	vesicular membrain protein p24	NM_009513
1418970_a_at	0.1851	Bcl10	B-cell leukemia/lymphoma 10	AF100339
1423501_at	0.1851	Max	Max protein	AA617392
1435873_a_at	0.1851	Rpl13a	Transcribed sequence with strong similarity to protein pir:S29539 (<i>H.sapiens</i>) S29539 ribosomal protein L13a, cytosolic - human	AI324936

1460257_a_at	0.1851	Mthfs	5, 10-methenyltetrahydrofolate synthetase	NM_026829
1416285_at	0.1862	Ndufc1	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1	NM_025523
1416795_at	0.1862	Cryl1	crystallin, lamda 1	NM_030004
1417467_a_at	0.1862	Tada3l	transcriptional adaptor 3 (NGG1 homolog, yeast)-like	AK003405
1417604_at	0.1862	Camk1	calcium/calmodulin-dependent protein kinase I	NM_133926
1418226_at	0.1862	Orc2l	origin recognition complex, subunit 2-like (S. cerevisiae)	BB830976
1421022_x_at	0.1862	Acyp1	acylphosphatase 1, erythrocyte (common) type	NM_025421
1422778_at	0.1862	Taf9	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor	NM_027139
1425300_at	0.1862	BC021917	cDNA sequence BC021917	BC021917
1426658_x_at	0.1862	Phgdh	3-phosphoglycerate dehydrogenase	L21027
1428023_at	0.1862	3110009E18Rik	RIKEN cDNA 3110009E18 gene	AA879840
1434976_x_at	0.1862	Eif4ebp1	AV216412 RIKEN full-length enriched, ES cells Mus musculus cDNA clone 2410160M04 3' similar to U28656 Mus musculus insulin-stimulated eIF-4E binding protein PHAS-I mRNA, mRNA sequence.	AV216412
1435712_a_at	0.1862	Rps18	Transcribed sequence with strong similarity to protein ref:NP_072045.1 (H.sapiens) ribosomal protein S18; 40S ribosomal protein S18 [Homo sapiens]	AW907444
1438655_a_at	0.1862	1100001I22Rik	RIKEN cDNA 1100001I22 gene	AV057789
1449372_at	0.1862	Dnajc3	DnaJ (Hsp40) homolog, subfamily C, member 3	BE624323
1452367_at	0.1862	Coro2a	tripartite motif-containing 14	AI316747
1416417_a_at	0.1881	Ndufb7	calmegin	NM_025843
1416945_at	0.1881	Ptov1	prostate tumor over expressed gene 1	NM_133949
1417098_s_at	0.1881	Nrbf1	nuclear receptor binding factor 1	NM_025297
1419259_at	0.1881	Rsu1	Ras suppressor protein 1	NM_009105
1434019_at	0.1881	Pdap1	PDGFA associated protein 1	BG065186
1437679_a_at	0.1881	Glrx2	BB172698 RIKEN full-length enriched, adult male hypothalamus Mus musculus cDNA clone A230040G05 3', mRNA sequence.	BB172698
1426241_a_at	0.1885	Scmh1	sex comb on midleg homolog 1	AB030906
1436949_a_at	0.1885	Tceb2	AV068352 Mus musculus small intestine C57BL/6J adult Mus musculus cDNA clone 2010303D07, mRNA sequence.	AV068352
1437164_x_at	0.1885	Atp5o	ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit	AV066932
1415681_at	0.1889	Mrpl43	mitochondrial ribosomal protein L43	NM_053164
1415762_x_at	0.1889	Mrpl52	mitochondrial ribosomal protein L52	AV021593
1415932_x_at	0.1889	Atp9a	ATPase, class II, type 9A	NM_015731
1416074_a_at	0.1889	Rpl28	ribosomal protein L28	NM_009081
1416349_at	0.1889	Mrpl34	mitochondrial ribosomal protein L34	NM_053162
1416816_at	0.1889	Nek7	NIMA (never in mitosis gene a)-related expressed kinase 7	NM_021605
1416965_at	0.1889	Pcsk1n	proprotein convertase subtilisin/kexin type 1 inhibitor	AF181560
1417103_at	0.1889	Ddt	D-dopachrome tautomerase	NM_010027
1417124_at	0.1889	Dstn	destrin	NM_019771
1417340_at	0.1889	Txn12	thioredoxin-like 2	NM_023140
1417487_at	0.1889	Fosl1	fos-like antigen 1	U34245
1417488_at	0.1889	Fosl1	fos-like antigen 1	U34245
1417722_at	0.1889	Pgls	6-phosphogluconolactonase	BC006594
1418000_a_at	0.1889	Itn2b	integral membrane protein 2B	NM_008410
1418901_at	0.1889	Cebpb	CCAAT/enhancer binding protein (C/EBP), beta	NM_009883
1420626_at	0.1889	2410016F19Rik	RIKEN cDNA 2410016F19 gene	BF782285
1422185_a_at	0.1889	Dia1	diaphorase 1 (NADH)	NM_029787
1422615_at	0.1889	Map4k4	mitogen-activated protein kinase kinase kinase kinase 4	NM_008696
1423090_x_at	0.1889	Sec61g	Transcribed sequence with strong similarity to protein sp:P38384 (H.sapiens) S61G_HUMAN Protein transport protein SEC61 gamma subunit	AV216331
1423967_at	0.1889	Palm	paralemmalin	BC015297
1424204_at	0.1889	Mrpl13	mitochondrial ribosomal protein L13	AB049641
1424222_s_at	0.1889	Rad23b	Mus musculus cDNA clone IMAGE:3256899, complete cds.	BC006751
1427939_s_at	0.1889	Mycbp	c-myc binding protein	BB046347
1434882_at	0.1889	2610103J23Rik	RIKEN cDNA 2610103J23 gene	AV083741

1435800_a_at	0.1889	Csda	BB779100 RIKEN full-length enriched, bladder RCB-0544 MBT-2 cDNA Mus musculus cDNA clone G430050O16 3', mRNA sequence.	BB779100
1435807_at	0.1889	Cdc42	cell division cycle 42 homolog (<i>S. cerevisiae</i>)	BF467211
1438001_x_at	0.1889	Dp1	deleted in polyposis 1	AV054377
1448333_at	0.1889	Adprh	ADP-ribosylarginine hydrolase	AF244347
1448971_at	0.1889	2410022L05Rik	RIKEN cDNA 2410022L05 gene	NM_025556
1450795_at	0.1889	Lhb	luteinizing hormone beta	NM_008497
1451071_a_at	0.1889	Atp1a1	ATPase, Na+/K+ transporting, alpha 1 polypeptide	BC025618
1451399_at	0.1889	Brp17	brain protein 17	BC008274
1452596_at	0.1889	Polr2k	polymerase (RNA) II (DNA directed) polypeptide K	AA175187
1456584_x_at	0.1889	Phgdh	BB495884 RIKEN full-length enriched, 13 days embryo stomach Mus musculus cDNA clone D530050H10 3' similar to L21027 Mus musculus A10 mRNA, mRNA sequence.	BB495884
1452754_at	0.1898	5730592L21Rik	RIKEN cDNA 5730592L21 gene	AK017880
1424900_at	0.1903	Slc29a4	solute carrier family 29 (nucleoside transporters), member 4	BC025599
1448292_at	0.1903	Uqcr	ubiquinol-cytochrome c reductase (6.4kD) subunit	NM_025650
1423242_at	0.1904	Mrps36	mitochondrial ribosomal protein S36	BE627004
1426475_at	0.1904	Hmbs	Similar to Hydroxymethylbilane synthase (LOC383565), mRNA	AI325144
1449256_a_at	0.1904	Rab11a	RAB11a, member RAS oncogene family	BC010722
1429411_a_at	0.1907	1810057B09Rik	RIKEN cDNA 1810057B09 gene	AI595744
1435431_at	0.1907	2310047M15Rik	RIKEN cDNA 2310047M15 gene	AW558989
1439451_x_at	0.1907	D15Ert747e	BB487787 RIKEN full-length enriched, 13 days embryo lung Mus musculus cDNA clone D430044J16 3', mRNA sequence.	BB487787
1448656_at	0.1907	Cacnb3	calcium channel, voltage-dependent, beta 3 subunit	NM_007581
1427282_a_at	0.1911	Frda	Friedreich ataxia	AV007132
1453467_s_at	0.1911	Rps15a	Transcribed sequence with strong similarity to protein sp:P39027 (<i>H.sapiens</i>) RS1A_HUMAN 40S ribosomal protein S15a	BM207059
1416021_a_at	0.1916	Fabp5	fatty acid binding protein 5, epidermal	BC002008
1416265_at	0.1916	Capn10	calpain 10	NM_011796
1418744_s_at	0.1916	Tesc	tescalcin	NM_021344
1425341_at	0.1916	Kcnk3	potassium channel, subfamily K, member 3	BF467278
1426403_at	0.1916	Actr1b	ARP1 actin-related protein 1 homolog B (yeast)	BG801851
1437976_x_at	0.1916	BC029892	Similar to 60S ribosomal protein L23a (LOC268449), mRNA	C87154
1448774_at	0.1916	Stoml2	stomatol (Epb7.2)-like 2	NM_023231
1417879_at	0.1917	1110060M21Rik	RIKEN cDNA 1110060M21 gene	NM_025424
1434970_a_at	0.1919	Mrpl15	AV216669 RIKEN full-length enriched, ES cells Mus musculus cDNA clone 2410165L09 3', mRNA sequence.	AV216669
1436064_x_at	0.1919	Rps24	ribosomal protein S24	AV004977
1438656_x_at	0.1919	Timm17b	AV157500 Mus musculus head C57BL/6J 12-day embryo Mus musculus cDNA clone 3010003E09, mRNA sequence.	AV157500
1460724_at	0.1919	Ap2a1	adaptor protein complex AP-2, alpha 1 subunit	NM_007458
1421861_at	0.1921	Clstn1	calsyntenin 1	BG065300
1435112_a_at	0.1921	Atp5h	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit d	AV154755
1456243_x_at	0.1921	Mcl1	BB374534 RIKEN full-length enriched, 16 days embryo head Mus musculus cDNA clone C130075I17 3' similar to U35623 Mus musculus EAT/MCL-1 mRNA, mRNA sequence.	BB374534
1417432_a_at	0.1922	Gnb1	guanine nucleotide binding protein, beta 1	NM_008142
1421819_a_at	0.1924	Set	SET translocation	BF134272
1438563_s_at	0.1925	Mrps24	AV069725 Mus musculus small intestine C57BL/6J adult Mus musculus cDNA clone 2010312F15, mRNA sequence.	AV069725
1424171_a_at	0.1927	Hagh	hydroxyacyl glutathione hydrolase	BC004749
1416133_at	0.1929	C920006C10Rik	Adult male spinal cord cDNA, RIKEN full-length enriched library, clone:A330049K02 product:SIMILAR TO CONSERVED MEMBRANE PROTEIN AT 44E homolog [Mus musculus], full insert sequence	BB188557
1417562_at	0.1929	Eif4ebp1	eukaryotic translation initiation factor 4E binding protein 1	NM_007918
1417827_at	0.1929	Ngly1	N-glycanase 1	NM_021504
1418737_at	0.1929	Nudt2	nudix (nucleoside diphosphate linked moiety X)-type motif 2	NM_025539
1420820_at	0.1929	2900073G15Rik	RIKEN cDNA 2900073G15 gene	NM_026064
1448623_at	0.1929	2310075C12Rik	RIKEN cDNA 2310075C12 gene	NM_133739
1452925_a_at	0.1929	1810015H18Rik	RIKEN cDNA 1810015H18 gene	AK009364

1460348_at	0.1929	Mad2l2	MAD2 mitotic arrest deficient-like 2 (yeast)	BC011282
1416520_x_at	0.1936	Rpl36	ribosomal protein L36	NM_018730
1418896_a_at	0.1936	Rpn2	ribophorin II	NM_019642
1460701_a_at	0.1936	Mrpl52	mitochondrial ribosomal protein L52	AV021593
1415714_a_at	0.1938	2610209M04Rik	RIKEN cDNA 2610209M04 gene	BC027564
1449037_at	0.1940	Crem	cAMP responsive element modulator	AI467599
1424760_a_at	0.1942	Smyd2	SET and MYND domain containing 2	BC023119
1427764_a_at	0.1942	Tcfe2a	transcription factor E2a	D29919
1428515_at	0.1942	2410012H22Rik	RIKEN cDNA 2410012H22 gene	AK010472
1434155_a_at	0.1942	2310061104Rik	RIKEN cDNA 2310061104 gene	BB174350
1434679_at	0.1942	Cspg3	chondroitin sulfate proteoglycan 3	BM945195
1456616_a_at	0.1942	Bsg	AV035166 Mus musculus adult C57BL/6J placenta Mus musculus cDNA clone 1600013O06, mRNA sequence.	AV035166
1460424_at	0.1942	1810008O21Rik	RIKEN cDNA 1810008O21 gene	BI411309
1422186_s_at	0.1943	Dia1	diaphorase 1 (NADH)	NM_029787
1415974_at	0.1947	Map2k2	mitogen activated protein kinase kinase 2	AW553456
1416257_at	0.1950	Capn2	calpain 2	NM_009794
1426596_a_at	0.1950	Smn	survival motor neuron	BB821035
1429104_at	0.1950	0610025L06Rik	RIKEN cDNA 0610025L06 gene	AK012581
1435869_s_at	0.1950	Ap2a2	ES cells cDNA, RIKEN full-length enriched library, clone:2410074K14 product:expressed sequence AW146353, full insert sequence	BQ175609
1444952_a_at	0.1950	8430423A01Rik	RIKEN cDNA 8430423A01 gene	BB260383
1448344_at	0.1950	Rps12	ribosomal protein S12	NM_011295
1427295_at	0.1952	1810073N04Rik	RIKEN cDNA 1810073N04 gene	BB406585
1427119_at	0.1953	Spink4	serine protease inhibitor, Kazal type 4	AV066321
1423959_at	0.1957	AV047578	expressed sequence AV047578	AF305427
1437975_a_at	0.1957	BC029892	Similar to 60S ribosomal protein L23a (LOC268449), mRNA	C87154
1451895_a_at	0.1963		Mus musculus mRNA similar to dual specificity phosphatase 9 (cDNA clone MGC:6681 IMAGE:3501447), complete cds.	BC004738
1422525_at	0.1965	Atp5k	ATP synthase, H+ transporting, mitochondrial F1F0 complex, subunit e	NM_007507
1435413_x_at	0.1965	2700060E02Rik	AV167958 Mus musculus head C57BL/6J 13-day embryo Mus musculus cDNA clone 3110059K19, mRNA sequence.	AV167958
1449482_at	0.1965	Hist3h2ba	histone 3, H2ba	NM_030082
1456036_x_at	0.1965	Gsto1	glutathione S-transferase omega 1	AV003026
1422593_at	0.1967	Ap3s1	adaptor-related protein complex 3, sigma 1 subunit	NM_009681
1426680_at	0.1973	Sepr1	RIKEN cDNA 1110019112 gene	AK003819
1426245_s_at	0.1979	Mapre2	microtubule-associated protein, RP/EB family, member 2	BC027056
1455283_x_at	0.1994	Ndufs8	Transcribed sequence with moderate similarity to protein sp:O00217 (H.sapiens) NUIM_HUMAN NADH-ubiquinone oxidoreductase 23 kDa subunit, mitochondrial precursor	BB453395
1456226_x_at	0.1994	Ddr1	discoidin domain receptor family, member 1	BB234940
1415876_a_at	0.1997	Rps26	ribosomal protein S26	NM_013765
1416948_at	0.1997	Mrpl23	mitochondrial ribosomal protein L23	NM_011288
1419544_at	0.1997	Atp6v1c1	ATPase, H+ transporting, V1 subunit C, isoform 1	AA987147
1434230_at	0.1997	Polb	polymerase (DNA directed), beta	BG094331
1449003_a_at	0.1997	Vti1b	vesicle transport through interaction with t-SNAREs 1B homolog	NM_016800
1451998_at	0.1997	4930485D02Rik	RIKEN cDNA 4930485D02 gene	BC024597
1416764_at	0.2004	Ttc11	tetratricopeptide repeat domain 11	NM_025562
1418318_at	0.2004	Rnf128	ring finger protein 128	AK004847
1418704_at	0.2004	S100a13	S100 calcium binding protein A13	NM_009113
1418991_at	0.2004	Bak1	BCL2-antagonist/killer 1	NM_007523
1428257_s_at	0.2004	Dncl2a	dynein, cytoplasmic, light chain 2A	BG791323
1428608_at	0.2004	Mylc2b	RIKEN cDNA 1500001M02 gene	AW494458
1433520_at	0.2004	Scap	Sreb cleavage-activating protein	BI412871
1449299_at	0.2004	Lrp5	low density lipoprotein receptor-related protein 5	BC011374
1454807_a_at	0.2004	Snx12	sorting nexin 12	BB414983
1416842_at	0.2010	Gstm5	glutathione S-transferase, mu 5	NM_010360
1424490_at	0.2011	2410005H09Rik	RIKEN cDNA 2410005H09 gene	BC024802
1423231_at	0.2017	Nrgn	neurogranin	AK002933

1438647_x_at	0.2025	Cetn2	BB503830 RIKEN full-length enriched, 0 day neonate kidney Mus musculus cDNA clone D630045F01 3', mRNA sequence.	BB503830
1423897_at	0.2027	2410016F01Rik	RIKEN cDNA 2410016F01 gene	AW488376
1416567_s_at	0.2041	Atp5e	ATP synthase, H+ transporting, mitochondrial F1 complex, epsilon subunit	NM_025983
1416671_a_at	0.2041	Mcoln1	mucolin 1	NM_053177
1416765_s_at	0.2041	Magmas	mitochondria-associated protein involved in granulocyte-macrophage colony-stimulating factor signal transduction	NM_025571
1418701_at	0.2041	Comt	catechol-O-methyltransferase	NM_007744
1423151_at	0.2041	Dnajb11	DnaJ (Hsp40) homolog, subfamily B, member 11	AK010861
1450560_a_at	0.2041	Ppp2r5d	protein phosphatase 2, regulatory subunit B (B56), delta isoform	NM_009358
1450640_x_at	0.2041	Atp5k	ATP synthase, H+ transporting mitochondrial F1F0 complex, subunit e	NM_007507
1450903_at	0.2041	Rad23b	RAD23b homolog (S. cerevisiae)	BF138887
1452490_a_at	0.2041	Ap2a2	adaptor protein complex AP-2, alpha 2 subunit	BC010597
1452585_at	0.2041	Mrps28	mitochondrial ribosomal protein S28	AK011036
1454860_x_at	0.2041	Dad1	defender against cell death 1	BI966630
1455749_x_at	0.2041	Ndufa7	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7 (B14.5a)	C88880
1460360_at	0.2041	Asrgl1	asparaginase like 1	AU040643
1419036_at	0.2042	Csnk2a1	casein kinase II, alpha 1 polypeptide	BB283759
1452579_at	0.2050	2310020H20Rik	RIKEN cDNA 2310020H20 gene	AK009021
1417976_at	0.2052	Ada	adenosine deaminase	NM_007398
1420513_at	0.2062	1700073K01Rik	RIKEN cDNA 1700073K01 gene	BC025062
1449194_at	0.2062	Mrps25	mitochondrial ribosomal protein S25	AK004037
1453564_a_at	0.2062	Vps24	RIKEN cDNA 4921505F14 gene	AK014818
1415671_at	0.2071	Atp6v0d1	ATPase, H+ transporting, V0 subunit D isoform 1	NM_013477
1416020_a_at	0.2071	Atp5g1	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 1	NM_007506
1416243_a_at	0.2071	Rpl35	ribosomal protein L35	NM_025592
1416341_at	0.2071	Polr2c	polymerase (RNA) II (DNA directed) polypeptide C	NM_009090
1416412_at	0.2071	Nsmaf	neutral sphingomyelinase (N-SMase) activation associated factor	NM_010945
1416713_at	0.2071	2700055K07Rik	RIKEN cDNA 2700055K07 gene	NM_026481
1418010_a_at	0.2071	Sh3glb1	SH3-domain GRB2-like B1 (endophilin)	BB221842
1422506_a_at	0.2071	Cstb	cystatin B	NM_007793
1423680_at	0.2071	Fads1	RIKEN cDNA 0710001O03 gene	BC026831
1424095_at	0.2071	Rtcd1	RNA terminal phosphate cyclase domain 1	BC016519
1426964_at	0.2071	3110003A17Rik	RIKEN cDNA 3110003A17 gene	AK013984
1427481_a_at	0.2071	Atp1a3	ATPase, Na+/K+ transporting, alpha 3 polypeptide	BC027114
1427604_a_at	0.2071	Atp9a	ATPase, class II, type 9A	AF011336
1429723_at	0.2071	6330409N04Rik	RIKEN cDNA 6330409N04 gene	AK018153
1434637_x_at	0.2071	Sin3b	transcriptional regulator, SIN3B (yeast)	BF017589
1434883_at	0.2071	2610103J23Rik	RIKEN cDNA 2610103J23 gene	AV083741
1434924_at	0.2071	Phf2	PHD finger protein 2	BF468039
1435735_x_at	0.2071	H47	BB285733 RIKEN full-length enriched, 2 cells egg Mus musculus cDNA clone B020007I03 3', mRNA sequence.	BB285733
1435755_at	0.2071	1110001A16Rik	RIKEN cDNA 1110001A16 gene	BB609468
1437947_x_at	0.2071	Vdac1	AV036172 Mus musculus adult C57BL/6J placenta Mus musculus cDNA clone 1600017H06, mRNA sequence.	AV036172
1438948_x_at	0.2071	Bzrp	AV101079 Mus musculus C57BL/6J ES cell Mus musculus cDNA clone 2410071K12, mRNA sequence.	AV101079
1439444_x_at	0.2071	1110014C03Rik	AV213456 RIKEN full-length enriched, ES cells Mus musculus cDNA clone 2410127P20 3' similar to AJ004912 Rattus norvegicus mRNA for integral membrane protein Tmp21-l (p23), mRNA sequence.	AV213456
1448247_at	0.2071	Bcl7b	B-cell CLL/lymphoma 7B	NM_009745
1448699_at	0.2071	Mrpl54	mitochondrial ribosomal protein L54	NM_025317
1449429_at	0.2071	Fkbp1b	FK506 binding protein 1b	NM_016863
1450519_a_at	0.2071	Prkaca	protein kinase, cAMP dependent, catalytic, alpha	M12303
1450668_s_at	0.2071	Hspe1	heat shock protein 1 (chaperonin 10)	NM_008303
1450727_a_at	0.2071	Holdip2	polymerase (DNA-directed), delta interacting protein 2	NM_026389
1451229_at	0.2071	Hdac11	histone deacetylase 11	BC016208
1451745_a_at	0.2071	Znhit1	zinc finger, HIT domain containing 1	BC026751

1452048_at	0.2071	Mrpl12	mitochondrial ribosomal protein L12	AK002757
1456540_s_at	0.2071	Mtmr6	BB297632 RIKEN full-length enriched, 9.5 days embryo parthenogenote <i>Mus musculus</i> cDNA clone B130063F15 3' similar to AF072928 <i>Homo sapiens</i> myotubularin related protein 6 mRNA, mRNA sequence.	BB297632
1460581_a_at	0.2071	Rpl13	Transcribed sequence with strong similarity to protein ref:NP_150254.1 (<i>H.sapiens</i>) ribosomal protein L13; 60S ribosomal protein L13; breast basic conserved protein 1 [<i>Homo sapiens</i>]	AI506565
1420875_at	0.2079	Ptk9	protein tyrosine kinase 9	BI662615
1424013_at	0.2079	Etf1	eukaryotic translation termination factor 1	BC013717
1426661_at	0.2079	Rpl27a	ribosomal protein L27a	BG807647
1438166_x_at	0.2079	Ndufs4	NADH dehydrogenase (ubiquinone) Fe-S protein 4	AV219958
1448234_at	0.2079	Dnajb6	DnaJ (Hsp40) homolog, subfamily B, member 6	NM_011847
1448298_at	0.2079	Tnk2	tyrosine kinase, non-receptor, 2	NM_016788
1453256_at	0.2079	Polr3c	RIKEN cDNA 4933407E01 gene	BB772197
1455727_at	0.2079	U2af1-rs2	U2 small nuclear ribonucleoprotein auxiliary factor (U2AF) 1, related sequence 2	AW542140
1456495_s_at	0.2079	Osbpl6	oxysterol binding protein-like 6	BG070848
1418234_s_at	0.2080	Bcas2	breast carcinoma amplified sequence 2	NM_026602
1426811_at	0.2080	Ppp2r5b	glycoprotein hormone alpha 2	BB080065
1437043_a_at	0.2080	1110012M11Rik	RIKEN cDNA 1110012M11 gene	AV012400
1448295_at	0.2080	D13Wsu50e	DNA segment, Chr 13, Wayne State University 50, expressed	NM_138596
1448543_at	0.2080	2310042G06Rik	RIKEN cDNA 2310042G06 gene	NM_025531
1451217_a_at	0.2080	1500034J20Rik	RIKEN cDNA 1500034J20 gene	BC008259
1453569_s_at	0.2080	Mark4	MAP/microtubule affinity-regulating kinase 4	AK010751
1417295_at	0.2083	Mta1	metastasis associated 1	NM_054081
1415981_at	0.2087	5031400M07Rik	RIKEN cDNA 5031400M07 gene	AV258950
1418249_at	0.2087	Crcp	calcitonin gene-related peptide-receptor component protein	NM_007761
1423766_at	0.2087	Pak1ip1	PAK1 interacting protein 1 LocusID: 55003	AF386076
1417285_a_at	0.2088	Ndufa5	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5	NM_026614
1423746_at	0.2088	Txndc5	thioredoxin domain containing 5	BC016252
1433472_x_at	0.2088	Rpl38	RIKEN cDNA 0610025G13 gene	AA050777
1435734_x_at	0.2088	1110032N12Rik	BB396413 RIKEN full-length enriched, 0 day neonate cerebellum <i>Mus musculus</i> cDNA clone C230097H11 3', mRNA sequence.	BB396413
1426529_a_at	0.2090	Tagln2	transgelin 2	C76322
1460641_a_at	0.2090	3100004P22Rik	RIKEN cDNA 3100004P22 gene	NM_133693
1420776_a_at	0.2093	Auh	AU RNA binding protein/enoyl-coenzyme A hydratase	NM_016709
1416696_at	0.2113	D17Wsu104e	interleukin 25	NM_080837
1424628_a_at	0.2113	1500032D16Rik	RIKEN cDNA 1500032D16 gene	BC013640
1436783_x_at	0.2113	Ywhab	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide	AV021552
1436542_at	0.2119	Ptger1	prostaglandin E receptor 1 (subtype EP1)	BE948730
1415948_at	0.2120	Creg	cellular repressor of E1A-stimulated genes	BC027426
1416605_at	0.2120	Nola2	nucleolar protein family A, member 2	BC024944
1417869_s_at	0.2120	Ctsz		NM_022325
1420833_at	0.2120	Vamp2	vesicle-associated membrane protein 2	BG871810
1427347_s_at	0.2120	Tubb2	tubulin, beta 2	BC003475
1439234_a_at	0.2120	2410018G23Rik	RIKEN cDNA 2410018G23 gene	BE200117
1448745_s_at	0.2120	Lor	loricrin	NM_008508
1448824_at	0.2120	Ube2j1	ubiquitin-conjugating enzyme E2, J1	NM_019586
1449964_a_at	0.2120	Mlycd	malonyl-CoA decarboxylase	NM_019966
1451386_at	0.2120	Blvrb	biliverdin reductase B (flavin reductase (NADPH))	BC027279
1418625_s_at	0.2124	LOC14433	glyceraldehyde-3-phosphate dehydrogenase	NM_008084
1448595_a_at	0.2124	Rex3	reduced expression 3	NM_009052
1424638_at	0.2130	Cdkn1a	cyclin-dependent kinase inhibitor 1A (P21)	AK007630
1426254_at	0.2130	Bbp	beta-amyloid binding protein precursor	AF353993
1452370_s_at	0.2130	B230208H17Rik	RIKEN cDNA B230208H17 gene	BB449608
1418430_at	0.2132	Kif5b	kinesin family member 5B	BI328541
1419419_at	0.2132	D0H6S2654E		NM_138746

1422451_at	0.2132	Mrps21	mitochondrial ribosomal protein S21	NM_078479
1426982_at	0.2132	E030034P13Rik	RIKEN cDNA E030034P13 gene	BB477613
1438776_x_at	0.2132	Rps17	AV046534 Mus musculus adult C57BL/6J testis Mus musculus cDNA clone 1700057O18, mRNA sequence.	AV046534
1438173_x_at	0.2136	Pmf1	AV307393 RIKEN full-length enriched, 8 days embryo Mus musculus cDNA clone 5730552G08 3', mRNA sequence.	AV307393
1423906_at	0.2137	Hsbp1	unnamed protein product; SIMILAR TO HEAT SHOCK FACTOR BINDING PROTEIN 1[Mus musculus] (SPTR Q9CQZ1, evidence: FASTY, 100%ID, 100%length, match=228) putative; Mus musculus 13 days embryo liver cDNA, RIKEN full-length enriched library, clone:2510008P16 product:SIMILAR TO HEAT SHOCK FACTOR BINDING PROTEIN 1[Mus musculus], full insert sequence.	AK010939
1437767_s_at	0.2137	Fts	retinoblastoma-like 2	AA138720
1423448_at	0.2139	Rab11b	RAB11B, member RAS oncogene family	BE986863
1416337_at	0.2144	Uqcrb	ubiquinol-cytochrome c reductase binding protein	NM_026219
1418506_a_at	0.2146	Prdx2	peroxiredoxin 2	NM_011563
1420843_at	0.2146	Ptprf	protein tyrosine phosphatase, receptor type, F	BF235516
1452181_at	0.2146	Ckap4	BB312117 RIKEN full-length enriched, adult male corpora quadrigemina Mus musculus cDNA clone B230331K02 3' similar to X69910 H.sapiens p63 mRNA for transmembrane protein, mRNA sequence.	BB312117
1417507_at	0.2147	Cyb561	cytochrome b-561	BC006732
1415747_s_at	0.2151	Riok3	RIO kinase 3 (yeast)	C80812
1437423_a_at	0.2154	Sra1	steroid receptor RNA activator 1	BG074964
1434507_at	0.2156	Npepl1	aminopeptidase-like 1	BG076209
1416742_at	0.2157	Cfdp	craniofacial development protein 1	NM_011801
1417311_at	0.2157	Crip2	cysteine rich protein 2	NM_024223
1423105_a_at	0.2157	Gas41	glioma-amplified sequence-41	AK105222
1423364_a_at	0.2157	Fts	fused toes	AW490901
1423425_at	0.2157	1300012G16Rik	RIKEN cDNA 1300012G16 gene	BB018522
1426733_at	0.2157	Itpk1	inositol 1,3,4-triphosphate 5/6 kinase	AW552407
1426998_at	0.2157	Tex27	testis expressed gene 27	BG976649
1439235_x_at	0.2157	2410018G23Rik	RIKEN cDNA 2410018G23 gene	BE200117
1451712_at	0.2157	8030411F24Rik	RIKEN cDNA 8030411F24 gene	AF440735
1456241_a_at	0.2157	1810073N04Rik	BB315716 RIKEN full-length enriched, adult male corpora quadrigemina Mus musculus cDNA clone B230359J01 3', mRNA sequence.	BB315716
1456436_x_at	0.2157	Rps20	ribosomal protein S20	AV002845
1416606_s_at	0.2158	Nola2	nucleolar protein family A, member 2	BC024944
1450696_at	0.2161	Psmb9	proteasome (prosome, macropain) subunit, beta type 9 (large multifunctional protease 2)	NM_013585
1416810_at	0.2163	Mea1	male enhanced antigen 1	BC013344
1450916_at	0.2163	Stau2	staufer (RNA binding protein) homolog 2 (Drosophila)	A1843206
1416990_at	0.2164	Rxb1	retinoid X receptor beta	BC019432
1417978_at	0.2164	1300018P11Rik	RIKEN cDNA 1300018P11 gene	BC027014
1427180_at	0.2164	Slc27a3	solute carrier family 27 (fatty acid transporter), member 3	BB147793
1435395_s_at	0.2164	Atp5j2	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit f, isoform 2	BG794445
1453199_at	0.2164	Acbd6	acyl-Coenzyme A binding domain containing 6	AK011781
1417102_a_at	0.2168	Ndufb5	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5	BC025155
1417286_at	0.2168	Ndufa5	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5	NM_026614
1417460_at	0.2168	Ifitm2	interferon induced transmembrane protein 2	NM_030694
1418085_at	0.2168	Prkcz	protein kinase C, zeta	NM_008860
1420613_at	0.2168	Ptp4a2	protein tyrosine phosphatase 4a2	BE134116
1424037_at	0.2168	Itpka	inositol 1,4,5-trisphosphate 3-kinase A	BC027291
1424791_a_at	0.2168	Lu	Lutheran blood group (Auberger b antigen included)	BC004826
1426738_at	0.2168	Dgkz	diacylglycerol kinase zeta	BC014860
1427511_at	0.2168	B2m	beta-2 microglobulin	AA170322
1428331_at	0.2168	2210016F16Rik	RIKEN cDNA 2210016F16 gene	BB547211
1438317_a_at	0.2168	Endog	AV104666 Mus musculus liver C57BL/6J 13-day embryo Mus musculus cDNA clone 2510008K06, mRNA sequence.	AV104666

1438982_s_at	0.2168	2810417J12Rik	BB251185 RIKEN full-length enriched, 7 days neonate cerebellum Mus musculus cDNA clone A730045B05 3', mRNA sequence.	BB251185
1451379_at	0.2168	Rab22a	RAB22A, member RAS oncogene family	BC006596
1453412_a_at	0.2168	Sec14l1	SEC14-like 1 (S. cerevisiae)	BI652727
1455129_at	0.2169	2610103J23Rik	RIKEN cDNA 2610103J23 gene	AV083741
1422678_at	0.2170	Dgat2	diacylglycerol O-acyltransferase 2	AK002443
1432444_a_at	0.2170	1810011O16Rik	RIKEN cDNA 1810011O16 gene	AK012800
1417331_a_at	0.2172	Arl6	myc induced nuclear antigen	NM_019665
1435429_x_at	0.2172	Rps27l	ribosomal protein S27-like	AV111399
1448737_at	0.2172	Tm4sf2	transmembrane 4 superfamily member 2	AF052492
1459986_a_at	0.2172	Rps17	ribosomal protein S17	NM_009092
1418263_at	0.2174	Ddx25	DEAD (Asp-Glu-Ala-Asp) box polypeptide 25	BC024852
1423152_at	0.2174	Vapb	vesicle-associated membrane protein, associated protein B and C	BF303544
1423676_at	0.2174	Atp5h	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit d	AF354051
1429708_at	0.2174	Ndufa11	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex	AA596846
1435232_x_at	0.2174	Mpl15	mitochondrial ribosomal protein L15	BI791064
1448353_x_at	0.2174	Rpn1	ribophorin I	NM_133933
1452506_a_at	0.2174	0710007A14Rik	RIKEN cDNA 0710007A14 gene	BC011427
1454716_x_at	0.2174	Cox5b	cytochrome c oxidase, subunit Vb	AA960638
1455106_a_at	0.2174	Ckb	creatine kinase, brain	BG967663
1456663_x_at	0.2174	2410018G23Rik	BB718785 RIKEN full-length enriched, adult male liver tumor Mus musculus cDNA clone C730019F01 3', mRNA sequence.	BB718785
1427029_at	0.2175	9530081K03Rik	RIKEN cDNA 9530081K03 gene	AK008764
1418089_at	0.2179	Stx8	syntaxin 8	NM_018768
1418202_a_at	0.2179	Wiz	widely-interspaced zinc finger motifs	NM_011717
1418936_at	0.2179	Maff	v-maf musculoaponeurotic fibrosarcoma oncogene family, protein F (avian)	BC022952
1420879_a_at	0.2179	Ywhab	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide	NM_018753
1421817_at	0.2179	Gsr	glutathione reductase 1	AK019177
1423574_s_at	0.2179	Srd5a2l	steroid 5 alpha-reductase 2-like	BB206480
1423993_at	0.2179	Atp6v1f	ATPase, H ⁺ transporting, V1 subunit F	BC016553
1424660_s_at	0.2179	4632407F12Rik	RIKEN cDNA 4632407F12 gene	BC023091
1424763_at	0.2179	1700027N10Rik	RIKEN cDNA 1700027N10 gene	BC019423
1425806_a_at	0.2179	Surb7	SRB7 (supressor of RNA polymerase B) homolog (S. cerevisiae)	BC012286
1426323_x_at	0.2179	Siva	Cd27 binding protein (Hindu God of destruction)	AF033112
1428745_a_at	0.2179	2310003L22Rik	RIKEN cDNA 2310003L22 gene	AK009123
1429558_a_at	0.2179	C330027G06Rik	RIKEN cDNA C330027G06 gene	BI104294
1434755_at	0.2179	E130012P22Rik	RIKEN cDNA E130012P22 gene	BB538661
1435863_at	0.2179	Commd6	Adult male corpora quadrigemina cDNA, RIKEN full-length enriched library, clone:B230114J18 product:unknown EST, full insert sequence	BE133720
1436567_a_at	0.2179	Ndufa7	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7 (B14.5a)	C88880
1448277_at	0.2179	Pold2	polymerase (DNA directed), delta 2, regulatory subunit	NM_008894
1448284_a_at	0.2179	Ndufc1	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1	NM_025523
1450106_a_at	0.2179	Evl	Ena-vasodilator stimulated phosphoprotein	NM_007965
1450894_a_at	0.2179	Ap2m1	adaptor protein complex AP-2, mu1	C76671
1451747_a_at	0.2179	Apg12l	autophagy 12-like (S. cerevisiae)	AK016474
1452026_a_at	0.2179	Pla2g12a	phospholipase A2, group XIIA	AY007382
1452619_a_at	0.2179	6530406M24Rik	RIKEN cDNA 6530406M24 gene	AI463408
1456315_a_at	0.2179	Ptpla	protein tyrosine phosphatase-like (proline instead of catalytic arginine), member a	BB014781
1457675_at	0.2179	AA409624	RIKEN cDNA 2510002D24 gene	BG063089
1418986_a_at	0.2183	Uxt	ubiquitously expressed transcript	NM_013840
1434642_at	0.2183	Dhrs8	dehydrogenase/reductase (SDR family) member 8	BB546344
1426480_at	0.2185	Sbds	Shwachman-Bodian-Diamond syndrome homolog (human)	BB773592
1419812_s_at	0.2190	D11Ert99e	DNA segment, Chr 11, ERATO Doi 99, expressed	C77389
1416054_at	0.2191	Rps5	ribosomal protein S5	NM_009095
1422670_at	0.2192	Rohn	ras homolog N (RhoN)	NM_009708
1424018_at	0.2192	Hint1	histidine triad nucleotide binding protein 1	U60001
1416825_at	0.2195	Snta1	syntrophin, acidic 1	NM_009228

1418656_at	0.2195	Lsm5	LSM5 homolog, U6 small nuclear RNA associated (<i>S. cerevisiae</i>)	NM_025520
1448772_at	0.2195	Ube2a	ubiquitin-conjugating enzyme E2A, RAD6 homolog (<i>S. cerevisiae</i>)	BG868960
1415947_at	0.2199	Creg	cellular repressor of E1A-stimulated genes	BC027426
1416022_at	0.2199	Fabp5	fatty acid binding protein 5, epidermal	BC002008
1435364_at	0.2199		4 days neonate male adipose cDNA, RIKEN full-length enriched library, clone:B430101C18 product:HYPOTHETICAL 19.9 KDA PROTEIN homolog [<i>Homo sapiens</i>], full insert sequence	BB323901
1423365_at	0.2205	Cacna1g	calcium channel, voltage-dependent, T type, alpha 1G subunit	AW494038
1455364_a_at	0.2205	Rps7	Similar to Rpl7a protein (LOC245667), mRNA	AI414989
1418181_at	0.2213	Ptp4a3	protein tyrosine phosphatase 4a3	AK014601
1435509_x_at	0.2213	Cdk2ap1	BB145140 RIKEN full-length enriched, adult female vagina <i>Mus musculus</i> cDNA clone 9930028J15 3' similar to AF011644 <i>Mus musculus</i> oral tumor suppressor homolog (Doc-1) mRNA, mRNA sequence.	BB145140
1420731_a_at	0.2219	Csrp2	cysteine and glycine-rich protein 2	NM_007792
1415763_a_at	0.2221	2510006D16Rik	Transcribed sequence	BE853401
1434057_at	0.2231		Similar to NADH dehydrogenase (LOC230075), mRNA	C78790
1425801_x_at	0.2239	Cotl1	coactosin-like 1 (<i>Dictyostelium</i>)	BC011068
1437510_x_at	0.2239	Rps17	ribosomal protein S17	BB724547
1450891_at	0.2239	Srp19	signal recognition particle 19	W08076
1426783_at	0.2242	Gcn5l2	GCN5 general control of amino acid synthesis-like 2 (yeast)	AW212720
1416491_at	0.2243	Numb1	numb-like	NM_010950
1417183_at	0.2243	Dnaja2	DnaJ (Hsp40) homolog, subfamily A, member 2	C77509
1417481_at	0.2243	Ramp1	receptor (calcitonin) activity modifying protein 1	NM_016894
1418225_at	0.2243	Orc2l	origin recognition complex, subunit 2-like (<i>S. cerevisiae</i>)	BB830976
1419302_at	0.2243	Heyl	hairy/enhancer-of-split related with YRPW motif-like	BG695100
1423266_at	0.2243	2810405K02Rik	RIKEN cDNA 2810405K02 gene	AI836168
1423299_at	0.2243	Txn1l	thioredoxin-like	BI416051
1434930_at	0.2243	Tpcn1	two pore channel 1	BI904914
1448704_s_at	0.2243	H47	histocompatibility 47	NM_024439
1451714_a_at	0.2243	Map2k3	mitogen activated protein kinase kinase 3	AI481780
1455482_at	0.2243	Ap2a2	ES cells cDNA, RIKEN full-length enriched library, clone:2410074K14 product:expressed sequence AW146353, full insert sequence	BQ175609
1455531_at	0.2247	A930031D07Rik	RIKEN cDNA A930031D07 gene	AI426503
1416937_at	0.2249	Gabarap	gamma-aminobutyric acid receptor associated protein	BC024621
1416850_s_at	0.2251	D10Ert214e	DNA segment, Chr 10, ERATO Doi 214, expressed	NM_134007
1425066_a_at	0.2251	1110061O04Rik	RIKEN cDNA 1110061O04 gene	BC018294
1452051_at	0.2261	Actr3	ARP3 actin-related protein 3 homolog (yeast)	BE372352
1428181_at	0.2263	Etfb	electron transferring flavoprotein, beta polypeptide	BI692487
1448203_at	0.2263	Atp5l	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit g	NM_013795
1422650_a_at	0.2264	Riok3	RIO kinase 3 (yeast)	NM_024182
1429555_at	0.2264	1110019C08Rik	RIKEN cDNA 1110019C08 gene	AA408371
1434254_at	0.2264	Gna11	guanine nucleotide binding protein, alpha 11	BM235739
1435638_at	0.2264	9130221H12Rik	RIKEN cDNA 9130221H12 gene	BG808297
1415690_at	0.2265	Mrpl27	mitochondrial ribosomal protein L27	NM_053161
1417913_at	0.2267	2810037C03Rik	RIKEN cDNA 2810037C03 gene	NM_024240
1422830_s_at	0.2267	Drd4	dopamine receptor 4	NM_007878
1423625_a_at	0.2267	1810055D05Rik	RIKEN cDNA 1810055D05 gene	AV053772
1423716_s_at	0.2267	Atp5d	RIKEN cDNA 0610008F14 gene	BC008273
1449590_a_at	0.2267	Mras	muscle and microspikes RAS	AB004879
1422998_a_at	0.2271	Glx2	glutaredoxin 2 (thioltransferase)	NM_023505
1423956_at	0.2271	Smap1	stromal membrane-associated protein 1	BC006946
1448238_at	0.2271	2700060E02Rik	RIKEN cDNA 2700060E02 gene	NM_026528
1451307_at	0.2271	1110006I11Rik	RIKEN cDNA 1110006I11 gene	BC027021
1451707_s_at	0.2271	1010001P06Rik	RIKEN cDNA 1010001P06 gene	BC011108
1452812_at	0.2271	Lphn1	latrophilin 1	AA987131
1417081_a_at	0.2272	Syngn2	synaptogyrin 2	BC004829
1423054_at	0.2272	Wdr1	WD repeat domain 1	AK004644
1415721_a_at	0.2278	1200013P24Rik	RIKEN cDNA 1200013P24 gene	AK004750

1428823_at	0.2278	2310057G13Rik	RIKEN cDNA 2310057G13 gene	AK009957
1438717_a_at	0.2282	Osbpl6	oxysterol binding protein-like 6	BG070848
1423240_at	0.2287	Src	Rous sarcoma oncogene	BG868120
1439410_x_at	0.2294	3010027G13Rik	RIKEN cDNA 3010027G13 gene	BI966363
1460698_a_at	0.2294	1810029G24Rik	RIKEN cDNA 1810029G24 gene	AK007641
1437908_a_at	0.2302	1200007D18Rik	RIKEN cDNA 1200007D18 gene	BB095626
1419484_a_at	0.2304	Gbas	glioblastoma amplified sequence	NM_008095
1426223_at	0.2304	2810439F02Rik	RIKEN cDNA 2810439F02 gene	BC020021
1428062_at	0.2306	Cpa1	carboxypeptidase A1	AK003088
1428189_at	0.2307	5730494M16Rik	RIKEN cDNA 5730494M16 gene	BQ174627
1416056_a_at	0.2310	Np15	nuclear protein 15.6	BC027265
1418274_at	0.2310	Nutf2	nuclear transport factor 2	AA920031
1419003_at	0.2310	Bves	blood vessel epicardial substance	NM_024285
1423548_s_at	0.2310	Sdbcag84	BB556862 RIKEN full-length enriched, 2 days pregnant adult female ovary Mus musculus cDNA clone E330025K14 3' similar to AL161963 Homo sapiens mRNA; cDNA DKFZp547A2190 (from clone DKFZp547A2190), mRNA sequence.	BB556862
1423978_at	0.2310	Sbk	SH3-binding kinase	BC025837
1424517_at	0.2310	2700094L05Rik	RIKEN cDNA 2700094L05 gene	BC026668
1427922_at	0.2310	1110046L09Rik	RIKEN cDNA 1110046L09 gene	AW045976
1428530_x_at	0.2310	Rps24	ribosomal protein S24	AV206764
1448893_at	0.2310	Ncor2	nuclear receptor co-repressor 2	NM_011424
1449024_a_at	0.2310	Hexa	hexosaminidase A	U07631
1455138_x_at	0.2310	Cfil1	AV148266 Mus musculus C57BL/6J 10-11 day embryo Mus musculus cDNA clone 2810474L04, mRNA sequence.	AV148266
1456582_x_at	0.2310	5230400G24Rik	BB024498 RIKEN full-length enriched, adult male pituitary gland Mus musculus cDNA clone 5330422C22 3', mRNA sequence.	BB024498
1428675_at	0.2311	1110049F12Rik	RIKEN cDNA 1110049F12 gene	AK004208
1448266_at	0.2311	Edf1	endothelial differentiation-related factor 1	AB030185
1417240_at	0.2312	Zyx	zyxin	NM_011777
1424133_at	0.2312	6530411B15Rik	RIKEN cDNA 6530411B15 gene	BC011208
1423181_s_at	0.2313	Clns1a	chloride channel, nucleotide-sensitive, 1A	AK011789
1438058_s_at	0.2315	Ptov1	prostate tumor over expressed gene 1	BG073526
1418743_a_at	0.2317	Tesc	tescalcin	NM_021344
1425758_a_at	0.2323	Impg1	interphotoreceptor matrix proteoglycan 1	AF266478
1428118_at	0.2323	Lrrn6a	RIKEN cDNA 4930471K13 gene	BB078751
1434646_s_at	0.2328	Sap18	Sin3-associated polypeptide 18	AV023865
1431744_a_at	0.2332	Smap1	Mus musculus adult male testis cDNA, RIKEN full-length enriched library, clone:4921514B13 product:STROMAL MEMBRANE-ASSOCIATED PROTEIN SMAP1B homolog [Homo sapiens], full insert sequence.	AK014888
1423221_at	0.2336	Tubb4	tubulin, beta 4	AK013717
1424212_at	0.2336	9430023L20Rik	RIKEN cDNA 9430023L20 gene	BC016463
1416104_at	0.2338	Mpdu1	mannose-P-dolichol utilization defect 1	NM_011900
1416566_at	0.2345	Strap	serine/threonine kinase receptor associated protein	NM_011499
1417192_at	0.2345	D16Wsu109e	DNA segment, Chr 16, Wayne State University 109, expressed	NM_138599
1417418_s_at	0.2345	Cox6a1	cytochrome c oxidase, subunit VI a, polypeptide 1	NM_007748
1420679_a_at	0.2345	Aig1	androgen-induced 1	NM_025446
1424300_at	0.2345	Gemin6	gem (nuclear organelle) associated protein 6	BC025157
1425780_a_at	0.2345	0610041E09Rik	RIKEN cDNA 0610041E09 gene	BC024352
1425891_a_at	0.2345	Grtp1	GH regulated TBC protein 1	AF329833
1428554_a_at	0.2345	1810035L17Rik	10 days neonate skin cDNA, RIKEN full-length enriched library, clone:4732452F11 product:weakly similar to DC50 (DC23) [Homo sapiens], full insert sequence	BQ126239
1428843_at	0.2345	1810015H18Rik	RIKEN cDNA 1810015H18 gene	AK009364
1429252_at	0.2345	0610010K14Rik	RIKEN cDNA 0610010K14 gene	AK002491

1431506_s_at	0.2345	Ppih	unnamed protein product; U-SNRNP-ASSOCIATED CYCLOPHILIN (EC 5.2.1.8) homolog [Homo sapiens] (SPTR O43447, evidence: FASTY, 100%ID, 100%length, match=531) putative; Mus musculus adult male small intestine cDNA, RIKEN full-length enriched library, clone:2010111B15 product:U-SNRNP-ASSOCIATED CYCLOPHILIN (EC 5.2.1.8) homolog [Homo sapiens], full insert sequence.	AK008394
1431665_a_at	0.2345	Timm8b	unnamed protein product; putative translocase of inner mitochondrial membrane 8 homolog b (yeast) (MGD MGI:1353424); Mus musculus 18-day embryo whole body cDNA, RIKEN full-length enriched library, clone:1110046L21 product:translocase of inner mitochondrial membrane 8 homolog b (yeast), full insert sequence.	AK004190
1434971_x_at	0.2345	Mrpl15	AV216669 RIKEN full-length enriched, ES cells Mus musculus cDNA clone 2410165L09 3', mRNA sequence.	AV216669
1448368_at	0.2345	Dctn6	dynactin 6	NM_011722
1451162_at	0.2345	Hsbp1	unnamed protein product; SIMILAR TO HEAT SHOCK FACTOR BINDING PROTEIN 1 [Mus musculus] (SPTR Q9CQZ1, evidence: FASTY, 100%ID, 100%length, match=228) putative; Mus musculus 13 days embryo liver cDNA, RIKEN full-length enriched library, clone:2510008P16 product:SIMILAR TO HEAT SHOCK FACTOR BINDING PROTEIN 1 [Mus musculus], full insert sequence.	AK010939
1451731_at	0.2345	Abca3	ATP-binding cassette, sub-family A (ABC1), member 3	AK007703
1452721_a_at	0.2345	2900091E11Rik	RIKEN cDNA 2900091E11 gene	BM210204
1454688_x_at	0.2345	1110014C03Rik	RIKEN cDNA 1110014C03 gene	AV103299
1460308_a_at	0.2345	Ict1	immature colon carcinoma transcript 1	NM_026729
1418567_a_at	0.2347	Srp14	signal recognition particle 14	NM_009273
1449119_at	0.2347	Arih2	ariadne homolog 2 (Drosophila)	NM_011790
1451572_a_at	0.2349	5230400G24Rik	RIKEN cDNA 5230400G24 gene	BC016597
1434214_at	0.2351	0910001L09Rik	RIKEN cDNA 0910001L09 gene	BI525016
1415873_a_at	0.2363	Actr1a	ARP1 actin-related protein 1 homolog A (yeast)	NM_016860
1417502_at	0.2363	Tm4sf2	transmembrane 4 superfamily member 2	AF052492
1424122_s_at	0.2363	Commd1	COMM domain containing 1	AB076722
1424211_at	0.2363	5730438N18Rik	RIKEN cDNA 5730438N18 gene	BC011293
1452580_a_at	0.2363	BC028768	cDNA sequence BC028768	BI692686
1454921_at	0.2363		Hypothetical LOC228715 (LOC228715), mRNA	AV111575
1456373_x_at	0.2363		ribosomal protein S20	AV046829
1460008_x_at	0.2363	Rpl31	ribosomal protein L31	AV109882

^a Six probes included by Affymetrix as controls were removed from this list

TABLE S3. Bioweight and SAM^a common genes

Probe	Bioweight	Gene	Description
1452790_x_at	4.068	Ndufa3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3
1422586_at	3.041	Ecel1	endothelin converting enzyme-like 1
1448685_at	2.975	2900010M23Rik	RIKEN cDNA 2900010M23 gene
1418300_a_at	2.861	Mknk2	MAP kinase-interacting serine/threonine kinase 2
1456109_a_at	2.860	Mrps15	mitochondrial ribosomal protein S15
1450795_at	2.837	Lhb	luteinizing hormone beta
1416134_at	2.792	Aplp1	amyloid beta (A4) precursor-like protein 1
1418255_s_at	2.695	Srf	serum response factor
1437164_x_at	2.657	Atp5o	ATP synthase, H ⁺ transporting, mitochondrial F1 complex, O subunit
1428464_at	2.585	Ndufa3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3
1448830_at	2.578	Dusp1	dual specificity phosphatase 1
1427985_at	2.541	9630042H07Rik	RIKEN cDNA 9630042H07 gene
1436064_x_at	2.425	Rps24	ribosomal protein S24
1455950_x_at	2.404	Rpl35	RIKEN cDNA 1700123D08 gene
1422532_at	2.396	Xpc	xeroderma pigmentosum, complementation group C
1460711_at	2.388	9930116P15Rik	ES cells cDNA, RIKEN full-length enriched library, clone:C330022M23 product:unclassifiable, full insert sequence
1450008_a_at	2.365	Catnb	catenin beta
1451307_at	2.355	1110006111Rik	RIKEN cDNA 1110006111 gene
1437354_at	2.316		0 day neonate cerebellum cDNA, RIKEN full-length enriched library, clone:C230091D08 product:unclassifiable, full insert sequence
1437621_x_at	2.308		AV216768 RIKEN full-length enriched, ES cells Mus musculus cDNA clone 2410167D16 3' similar to L21027 Mus musculus A10 mRNA, mRNA sequence.
1423948_at	2.242	Bag2	Bcl2-associated athanogene 2
1433603_at	2.210	BC059730	CDNA clone IMAGE:6772417, with apparent retained intron
1422614_s_at	2.192	Bloc1s1	GCN5 general control of amino acid synthesis-like 1 (yeast)
1416367_at	2.175	1110001J03Rik	RIKEN cDNA 1110001J03 gene
1417657_s_at	2.121	Zrf2	zuotin related factor 2
1455106_a_at	2.120	Ckb	creatine kinase, brain
1416584_at	2.109	Man2b2	mannosidase 2, alpha B2
1416494_at	2.091	Ndufs5	NADH dehydrogenase (ubiquinone) Fe-S protein 5
1424766_at	2.044	BC004701	cDNA sequence BC004701
1418256_at	2.043	Srf	serum response factor
1427294_a_at	2.036	1810073N04Rik	RIKEN cDNA 1810073N04 gene
1417348_at	2.034	2310039H08Rik	male enhanced antigen 1
1418910_at	2.011	Bmp7	bone morphogenetic protein 7
1452367_at	2.008	Coro2a	tripartite motif-containing 14
1454674_at	1.994	Fez1	fasciculation and elongation protein zeta 1 (zygin I)
1429144_at	1.994	2310032D16Rik	RIKEN cDNA 2310032D16 gene
1428494_a_at	1.985	Polr2i	polymerase (RNA) II (DNA directed) polypeptide I
1419529_at	1.976	Il23a	interleukin 23, alpha subunit p19
1428869_at	1.961	Nolc1	nucleolar and coiled-body phosphoprotein 1
1420922_at	1.945	Usp9x	Similar to ubiquitin specific protease 9, X-linked isoform 2; Drosophila fat facets related, X-linked; ubiquitin specific protease 9, X chromosome (fat facets-like Drosophila) (LOC240170), mRNA
1419292_at	1.938	9530081K03Rik	RIKEN cDNA 9530081K03 gene
1434392_at	1.930	Usp34	U2af1-rs1 region 2
1424871_s_at	1.930	1500031H01Rik	cDNA sequence BC013706
1429850_x_at	1.921	2010004B12Rik	RIKEN cDNA 2010004B12 gene

1416713_at	1.917	2700055K07Rik	RIKEN cDNA 2700055K07 gene
1434646_s_at	1.916	Sap18	Sin3-associated polypeptide 18
1423857_at	1.914	Mrpl30	mitochondrial ribosomal protein L30
1418448_at	1.914	Rras	Harvey rat sarcoma oncogene, subgroup R
1424018_at	1.910	Hint1	histidine triad nucleotide binding protein 1
1437450_x_at	1.877	2700060E02Rik	RIKEN cDNA 2700060E02 gene
1425248_a_at	1.875	Tyro3	TYRO3 protein tyrosine kinase 3
1424002_at	1.874	Pdcl3	phosducin-like 3
1450466_at	1.867		Adult male corpora quadrigemina cDNA, RIKEN full-length enriched library, clone:B230310J22 product:unclassifiable, full insert sequence
1448917_at	1.865	Thrap6	thyroid hormone receptor associated protein 6
1423676_at	1.861	Atp5h	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit d
1416495_s_at	1.849	Ndufs5	NADH dehydrogenase (ubiquinone) Fe-S protein 5
1428076_s_at	1.843	Ndufb4	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 4
1420368_at	1.830	Denr	Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410004J11 product:DENSITY-REGULATED PROTEIN (DRP), full insert sequence.
1418709_at	1.785	Cox7a1	cytochrome c oxidase, subunit VIIa 1
1418273_a_at	1.770	Rpl30	ribosomal protein L30
1416859_at	1.766	Fkbp3	FK506 binding protein 3
1424172_at	1.763	Hagh	hydroxyacyl glutathione hydrolase
1437133_x_at	1.751	Akr1b3	2 days pregnant adult female oviduct cDNA, RIKEN full-length enriched library, clone:E230024H01 product:unknown EST, full insert sequence
1424391_at	1.750	Nrd1	nardilysin, N-arginine dibasic convertase, NRD convertase 1
1434396_a_at	1.739	Myl6	myosin light chain, alkali, nonmuscle
1435755_at	1.734	1110001A16Rik	RIKEN cDNA 1110001A16 gene
1448794_s_at	1.730	Zrf2	zuotin related factor 2
1460724_at	1.729	Ap2a1	adaptor protein complex AP-2, alpha 1 subunit
1416337_at	1.719	Uqcrb	ubiquinol-cytochrome c reductase binding protein
1422480_at	1.710	Snx3	sorting nexin 3
1454686_at	1.703	6430706D22Rik	RIKEN cDNA 6430706D22 gene
1460581_a_at	1.701	Rpl13	Transcribed sequence with strong similarity to protein ref:NP_150254.1 (H.sapiens) ribosomal protein L13; 60S ribosomal protein L13; breast basic conserved protein 1 [Homo sapiens]
1423090_x_at	1.698	Sec61g	Transcribed sequence with strong similarity to protein sp:P38384 (H.sapiens) S61G_HUMAN Protein transport protein SEC61 gamma subunit
1421260_a_at	1.697	Srm	spermidine synthase
1417155_at	1.691	Nmyc1	neuroblastoma myc-related oncogene 1
1434053_x_at	1.681	Atp5k	ATP synthase, H ⁺ transporting, mitochondrial F1F0 complex, subunit e
1427490_at	1.679	Abcb7	ATP-binding cassette, sub-family B (MDR/TAP), member 7
1425300_at	1.670	BC021917	cDNA sequence BC021917
1420811_a_at	1.664	Catnb	catenin beta
1439389_s_at	1.659	Myadm	BB500055 RIKEN full-length enriched, 0 day neonate kidney Mus musculus cDNA clone D630024J02 3' similar to AJ001616 Mus musculus mRNA for myeloid associated differentiation protein, mRNA sequence.
1417394_at	1.658	Klf4	Kruppel-like factor 4 (gut)
1438563_s_at	1.650	Mrps24	AV069725 Mus musculus small intestine C57BL/6J adult Mus musculus cDNA clone 2010312F15, mRNA sequence.
1449029_at	1.648	Mknk2	MAP kinase-interacting serine/threonine kinase 2
1416098_at	1.648	Syngn3	synaptogyrin 3
1426653_at	1.645	Mcm3	minichromosome maintenance deficient 3 (S. cerevisiae)
1448440_x_at	1.631	D17Wsu104e	interleukin 25
1427943_at	1.629	Acyp2	acylphosphatase 2, muscle type

1448319_at	1.628	Akr1b3	aldo-keto reductase family 1, member B3 (aldose reductase)
1422608_at	1.625	Arpp19	cAMP-regulated phosphoprotein 19
1452519_a_at	1.621	Zfp36	unnamed protein product; TIS11 (AA 1 - 183); Mouse TPA-induced TIS11 mRNA.
1452184_at	1.620	Ndubf9	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9
1451959_a_at	1.617	Vegfa	vascular endothelial growth factor A
1456128_at	1.616	Atp5g2	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 2
1456691_s_at	1.614	Srd5a2l	BB825787 RIKEN full-length enriched, mammary gland RCB-0526 Jyg-MC(A) cDNA Mus musculus cDNA clone G830039K08 3', mRNA sequence.
1418226_at	1.607	Orc2l	origin recognition complex, subunit 2-like (S. cerevisiae)
1434442_at	1.607	D5Erttd593e	DNA segment, Chr 5, ERATO Doi 593, expressed
1449011_at	1.607	Slc12a7	solute carrier family 12, member 7
1423610_at	1.605	Metap2	Adult retina cDNA, RIKEN full-length enriched library, clone:A930035J23 product:unknown EST, full insert sequence
1416673_at	1.600	Bace2	beta-site APP-cleaving enzyme 2
1416765_s_at	1.598	Magmas	mitochondria-associated protein involved in granulocyte-macrophage colony-stimulating factor signal transduction
1417432_a_at	1.596	Gnb1	guanine nucleotide binding protein, beta 1
1433451_at	1.592	Cdk5r	cyclin-dependent kinase 5, regulatory subunit (p35)
1418942_at	1.591	Ccdc2	coiled-coil domain containing 2
1435041_at	1.582	Myl6	myosin light chain, alkali, nonmuscle
1426659_a_at	1.571	BC029892	Similar to 60S ribosomal protein L23a (LOC268449), mRNA
1452357_at	1.569	Sept5	septin 5
1456471_x_at	1.569	Phgdh	Transcribed sequence with strong similarity to protein sp:Q61753 (M.musculus) SERA_MOUSE D-3-phosphoglycerate dehydrogenase
1448483_a_at	1.569	Ndubf2	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2
1453362_x_at	1.567	Rps24	ribosomal protein S24
1448050_s_at	1.566	Map4k4	mitogen-activated protein kinase kinase kinase kinase 4
1422967_a_at	1.564	Tfrc	transferrin receptor
1422507_at	1.552	Cstb	cystatin B
1427939_s_at	1.551	Mycbp	c-myc binding protein
1436510_a_at	1.547	Lrrfp2	leucine rich repeat (in FLII) interacting protein 2
1427913_at	1.546	Rwdd1	RWD domain containing 1
1417389_at	1.545	Gpc1	glypican 1
1448353_x_at	1.534	Rpn1	ribophorin I
1425231_a_at	1.526	Zfp46	zinc finger protein 46
1417380_at	1.526	Iqgap1	IQ motif containing GTPase activating protein 1
1452143_at	1.524	Spnb2	spectrin beta 2
1426657_s_at	1.522	Phgdh	3-phosphoglycerate dehydrogenase
1426964_at	1.521	3110003A17Rik	RIKEN cDNA 3110003A17 gene
1415761_at	1.521	Mrpl52	mitochondrial ribosomal protein L52
1435857_s_at	1.520	Aplp1	amyloid beta (A4) precursor-like protein 1
1416850_s_at	1.519	D10Erttd214e	DNA segment, Chr 10, ERATO Doi 214, expressed
1448439_at	1.515	D17Wsu104e	interleukin 25
1438001_x_at	1.510	Dp1	deleted in polyposis 1
1428286_at	1.508	2900097C17Rik	13 days embryo forelimb cDNA, RIKEN full-length enriched library, clone:5930433F13 product:unknown EST, full insert sequence
1425384_a_at	1.507	Ube4a	ubiquitination factor E4A, UFD2 homolog (S. cerevisiae)
1428340_s_at	1.503	1110012E06Rik	RIKEN cDNA 1110012E06 gene
1449482_at	1.498	Hist3h2ba	histone 3, H2ba
1448784_at	1.496	Taf10	TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor
1418327_at	1.495	1110058L19Rik	RIKEN cDNA 1110058L19 gene

1449324_at	1.489	Ero1l	Transcribed sequences
1424110_a_at	1.486	Nme1	expressed in non-metastatic cells 1, protein
1434561_at	1.484	Asxl1	additional sex combs like 1 (Drosophila)
1416834_x_at	1.469	Ndufb2	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2
1428679_s_at	1.461	0610010K14Rik	RIKEN cDNA 0610010K14 gene
1420971_at	1.460	Ubr1	ubiquitin protein ligase E3 component n-recognin 1
1448623_at	1.456	2310075C12Rik	RIKEN cDNA 2310075C12 gene
1423804_a_at	1.455	Idi1	isopentenyl-diphosphate delta isomerase
1428848_a_at	1.450	Macf1	microtubule-actin crosslinking factor 1
1431771_a_at	1.446	Irak1bp1	interleukin-1 receptor-associated kinase 1 binding protein 1
1424121_at	1.444	Commd1	COMM domain containing 1
1421519_a_at	1.435	Zfp120	zinc finger protein 120
1437013_x_at	1.433	Atp6v0b	AV339131 RIKEN full-length enriched, adult male olfactory bulb Mus musculus cDNA clone 6430502C13 3', mRNA sequence.
1437908_a_at	1.432	1200007D18Rik	RIKEN cDNA 1200007D18 gene
1423916_s_at	1.429	Mlf2	myeloid leukemia factor 2
1422718_at	1.427	Ap3s2	adaptor-related protein complex 3, sigma 2 subunit
1451259_at	1.424	Smfn	small fragment nuclease
1448595_a_at	1.416	Rex3	reduced expression 3
1422432_at	1.412	Dbi	diazepam binding inhibitor
1448331_at	1.411	Ndufb7	calmegin
1424396_a_at	1.407	Asrgl1	asparaginase like 1
1427938_at	1.407	Mycbp	c-myc binding protein
1419398_a_at	1.406	Dp1	deleted in polyposis 1
1415899_at	1.405	Junb	Jun-B oncogene
1451109_a_at	1.404	Nedd4	neural precursor cell expressed, developmentally down-regulated gene 4
1419647_a_at	1.403	Ier3	immediate early response 3
1460670_at	1.399	RioK3	RIO kinase 3 (yeast)
1418577_at	1.396	Trim8	tripartite motif protein 8
1449080_at	1.394	Hdac2	histone deacetylase 2
1416129_at	1.391	1300002F13Rik	RIKEN cDNA 1300002F13 gene
1421333_a_at	1.390	Mynn	myoneurin
1425188_s_at	1.387	Sel1h	Sel1 (suppressor of lin-12) 1 homolog (C. elegans)
1428075_at	1.386	Ndufb4	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 4
1451045_at	1.379	Syt13	synaptotagmin 13
1417652_a_at	1.376	Tbca	tubulin cofactor a
1460701_a_at	1.371	Mrpl52	mitochondrial ribosomal protein L52
1434872_x_at	1.369	Rpl37	AV170241 Mus musculus head C57BL/6J 13-day embryo Mus musculus cDNA clone 3110094P05, mRNA sequence.
1456244_x_at	1.359	Txnl2	thioredoxin-like 2
1418896_a_at	1.359	Rpn2	ribophorin II
1455749_x_at	1.359	Ndufa7	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7 (B14.5a)
1437907_a_at	1.352	Tbca	tubulin cofactor a
1430533_a_at	1.351	Catnb	catenin beta
1449294_at	1.348	Mrps15	mitochondrial ribosomal protein S15
1452646_at	1.347	1110029F20Rik	RIKEN cDNA 1110029F20 gene
1426660_x_at	1.345	BC029892	Similar to 60S ribosomal protein L23a (LOC268449), mRNA
1439415_x_at	1.345	Rps21	ribosomal protein S21
1426297_at	1.344	Tcfe2a	transcription factor E2a
1450638_at	1.342	Pdcd5	programmed cell death 5
1426744_at	1.339	Srebf2	sterol regulatory element binding factor 2

1416057_at	1.335	Np15	nuclear protein 15.6
1422615_at	1.315	Map4k4	mitogen-activated protein kinase kinase kinase kinase 4
1449256_a_at	1.313	Rab11a	RAB11a, member RAS oncogene family
1422778_at	1.312	Taf9	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor
1424684_at	1.310	Rab5c	RAB5C, member RAS oncogene family
1428257_s_at	1.305	Dncl2a	dynein, cytoplasmic, light chain 2A
1456615_a_at	1.305	Falz	vx16a10.r1 Soares_thymus_2NbMT Mus musculus cDNA clone IMAGE:1264602 5', mRNA sequence.
1448127_at	1.304	Rrm1	ribonucleotide reductase M1
1417103_at	1.298	Ddt	D-dopachrome tautomerase
1416910_at	1.296	Dnajd1	DnaJ (Hsp40) homolog, subfamily D, member 1
1415919_at	1.295	Npdc1	neural proliferation, differentiation and control gene 1
1417510_at	1.293	Vps4a	vacuolar protein sorting 4a (yeast)
1426209_at	1.291	Strn4	striatin, calmodulin binding protein 4
1435431_at	1.289	2310047M15Rik	RIKEN cDNA 2310047M15 gene
1455372_at	1.288	Cpeb3	cytoplasmic polyadenylation element binding protein 3
1448427_at	1.283	Ndufa6	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6 (B14)
1425721_at	1.283	Phip	pleckstrin homology domain interacting protein
1419356_at	1.282	Klf7	Kruppel-like factor 7 (ubiquitous)
1425702_a_at	1.280	Enpp5	ectonucleotide pyrophosphatase/phosphodiesterase 5
1417399_at	1.280	Gas6	growth arrest specific 6
1423086_at	1.275	Npc1	RIKEN cDNA 2400010D15 gene
1456663_x_at	1.273	2410018G23Rik	BB718785 RIKEN full-length enriched, adult male liver tumor Mus musculus cDNA clone C730019F01 3', mRNA sequence.
1449429_at	1.273	Fkbp1b	FK506 binding protein 1b
1448566_at	1.273	Slc40a1	solute carrier family 40 (iron-regulated transporter), member 1
1429708_at	1.271	Ndufa11	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex
1420842_at	1.269	Ptprf	protein tyrosine phosphatase, receptor type, F
1425206_a_at	1.269	0610009M14Rik	BB224620 RIKEN full-length enriched, adult male aorta and vein Mus musculus cDNA clone A530087G20 3', mRNA sequence.
1418019_at	1.267	Cpd	carboxypeptidase D
1435517_x_at	1.266	Ralb	BB465250 RIKEN full-length enriched, 12 days embryo spinal ganglion Mus musculus cDNA clone D130097N13 3' similar to L19699 Rat GTP-binding protein (ral B) mRNA, mRNA sequence.
1420878_a_at	1.264	Ywhab	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, beta polypeptide
1448320_at	1.256	Stim1	stromal interaction molecule 1
1424285_s_at	1.254	Arl6ip4	ADP-ribosylation factor-like 6 interacting protein 4
1435873_a_at	1.253	Rpl13a	Transcribed sequence with strong similarity to protein pir:S29539 (H.sapiens) S29539 ribosomal protein L13a, cytosolic - human
1416816_at	1.253	Nek7	NIMA (never in mitosis gene a)-related expressed kinase 7
1416845_at	1.252	Hspa5bp1	heat shock 70kDa protein 5 binding protein 1
1452111_at	1.247	Mrps35	mitochondrial ribosomal protein S35
1426475_at	1.244	Hmbs	Similar to Hydroxymethylbilane synthase (LOC383565), mRNA
1427903_at	1.242	Phpt1	RIKEN cDNA 1700008C22 gene
1418888_a_at	1.239	Sepr	selenoprotein R
1418991_at	1.235	Bak1	BCL2-antagonist/killer 1
1416782_s_at	1.235	DXlmx39e	DNA segment, Chr X, Immunex 39, expressed
1427119_at	1.230	Spink4	serine protease inhibitor, Kazal type 4
1417285_a_at	1.230	Ndufa5	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5
1417340_at	1.223	Txnl2	thioredoxin-like 2
1449138_at	1.222	Sf3b1	splicing factor 3b, subunit 1

1422527_at	1.221	H2-DMA	histocompatibility 2, class II, locus DMA
1450162_at	1.219	Dpf3	D4, zinc and double PHD fingers, family 3
1454870_x_at	1.218	D15ErtD747e	DNA segment, Chr 15, ERATO Doi 747, expressed
1451399_at	1.218	Brp17	brain protein 17
1460739_at	1.217	D11Bwg0280e	DNA segment, Chr 11, Brigham & Women's Genetics 0280e expressed
1460718_s_at	1.216	Mtch1	mitochondrial carrier homolog 1 (C. elegans)
1418225_at	1.215	Orc2l	origin recognition complex, subunit 2-like (S. cerevisiae)
1427173_a_at	1.213	Mrps33	mitochondrial ribosomal protein S33
1422430_at	1.212	Fignl1	fidgetin-like 1
1426940_at	1.209	BC023957	cDNA sequence BC023957
1418439_at	1.208	2900055D03Rik	RIKEN cDNA 2900055D03 gene
1449855_s_at	1.206	Uchl3	ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase)
1416243_a_at	1.203	Rpl35	ribosomal protein L35
1418567_a_at	1.200	Srp14	signal recognition particle 14
1451385_at	1.199	2310056P07Rik	RIKEN cDNA 2310056P07 gene
1416062_at	1.196	Tbc1d15	TBC1 domain family, member 15
1415971_at	1.192	Marcks	myristoylated alanine rich protein kinase C substrate
1427764_a_at	1.189	Tcfe2a	transcription factor E2a
1424708_at	1.188	1110014C03Rik	RIKEN cDNA 1110014C03 gene
1424269_a_at	1.187	Myl6	myosin light chain, alkali, nonmuscle
1435067_at	1.187	B230208H17Rik	RIKEN cDNA B230208H17 gene
1448604_at	1.185	AA407809	expressed sequence AA407809
1424988_at	1.184	Mylip	myosin regulatory light chain interacting protein
1433472_x_at	1.182	Rpl38	RIKEN cDNA 0610025G13 gene
1421889_a_at	1.180	Aplp2	amyloid beta (A4) precursor-like protein 2
1435232_x_at	1.173	Mrpl15	mitochondrial ribosomal protein L15
1425194_a_at	1.173	6330577E15Rik	RIKEN cDNA 6330577E15 gene
1424204_at	1.173	Mrpl13	mitochondrial ribosomal protein L13
1415997_at	1.170	Txnip	thioredoxin interacting protein
1417379_at	1.168	Iqgap1	IQ motif containing GTPase activating protein 1
1415762_x_at	1.164	Mrpl52	mitochondrial ribosomal protein L52
1448543_at	1.163	2310042G06Rik	RIKEN cDNA 2310042G06 gene
1424515_at	1.162		BB440272 RIKEN full-length enriched, 9 days embryo Mus musculus cDNA clone D030020O16 3', mRNA sequence.
1417320_at	1.161	Grpel1	GrpE-like 1, mitochondrial
1434120_a_at	1.159	Metap2	methionine aminopeptidase 2
1437679_a_at	1.159	Glrx2	BB172698 RIKEN full-length enriched, adult male hypothalamus Mus musculus cDNA clone A230040G05 3', mRNA sequence.
1423764_s_at	1.158	Mrpl37	mitochondrial ribosomal protein L37
1428842_a_at	1.155	Ngfrap1	nerve growth factor receptor (TNFRSF16) associated protein 1
1423680_at	1.155	Fads1	RIKEN cDNA 0710001O03 gene
1421861_at	1.155	Clstn1	calsyntenin 1
1434924_at	1.149	Phf2	PHD finger protein 2
1426480_at	1.148	Sbds	Shwachman-Bodian-Diamond syndrome homolog (human)
1417481_at	1.146	Ramp1	receptor (calcitonin) activity modifying protein 1
1420628_at	1.145	Pura	purine rich element binding protein A
1452272_a_at	1.144	Gfer	growth factor, erv1 (S. cerevisiae)-like (augmenter of liver regeneration)
1428310_at	1.142	D3Wsu161e	RIKEN cDNA C330027G06 gene
1428823_at	1.140	2310057G13Rik	RIKEN cDNA 2310057G13 gene
1424773_at	1.140	1110012M11Rik	RIKEN cDNA 1110012M11 gene
1418248_at	1.140	Gla	galactosidase, alpha

1418123_at	1.140	Unc119	unc-119 homolog (C. elegans)
1417773_at	1.139	Nans	602916387F1 NCI_CGAP_Lu29 Mus musculus cDNA clone IMAGE:5067068 5', mRNA sequence.
1423240_at	1.134	Src	Rous sarcoma oncogene
1423919_at	1.133	BC023882	cDNA sequence BC023882
1448292_at	1.129	Uqcr	ubiquinol-cytochrome c reductase (6.4kD) subunit
1455288_at	1.128	1110036O03Rik	RIKEN cDNA 1110036O03 gene
1450106_a_at	1.127	Evl	Ena-vasodilator stimulated phosphoprotein
1426895_at	1.124	Zfp191	BB579760 RIKEN full-length enriched, 1 day pregnant adult female ovary Mus musculus cDNA clone 7230402O10 5', mRNA sequence.
1418704_at	1.122	S100a13	S100 calcium binding protein A13
1426648_at	1.122	Mapkapk2	MAP kinase-activated protein kinase 2
1416519_at	1.120	Rpl36	ribosomal protein L36
1417368_s_at	1.116	Ndufa2	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2
1435413_x_at	1.115	2700060E02Rik	AV167958 Mus musculus head C57BL/6J 13-day embryo Mus musculus cDNA clone 3110059K19, mRNA sequence.
1418000_a_at	1.115	Itn2b	integral membrane protein 2B
1419550_a_at	1.113	Stk39	6 days neonate head cDNA, RIKEN full-length enriched library, clone:5430411A13 product:serine/threonine kinase 39, STE20/SPS1 homolog (yeast), full insert sequence
1450640_x_at	1.109	Atp5k	ATP synthase, H ⁺ transporting, mitochondrial F1F0 complex, subunit e
1421395_at	1.108	Zik1	zinc finger protein interacting with K protein 1
1451602_at	1.105	Snx6	sorting nexin 6
1424073_at	1.100	5430437P03Rik	RIKEN cDNA 5430437P03 gene
1426811_at	1.099	Ppp2r5b	glycoprotein hormone alpha 2
1434019_at	1.099	Pdap1	PDGFA associated protein 1
1437976_x_at	1.097	BC029892	Similar to 60S ribosomal protein L23a (LOC268449), mRNA
1452099_at	1.097	AA408296	expressed sequence AA408296
1417026_at	1.096	Pfdn1	prefoldin 1
1448346_at	1.095	Cfl1	cofilin 1, non-muscle
1450668_s_at	1.094	Hspe1	heat shock protein 1 (chaperonin 10)
1416636_at	1.093	Rheb	RAS-homolog enriched in brain
1416285_at	1.093	Ndufc1	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1
1418625_s_at	1.090	LOC14433	glyceraldehyde-3-phosphate dehydrogenase
1415879_a_at	1.088	Rplp2	ribosomal protein, large P2
1416074_a_at	1.088	Rpl28	ribosomal protein L28
1450700_at	1.088	Cdc42ep3	CDC42 effector protein (Rho GTPase binding) 3
1424488_a_at	1.087	1110013G13Rik	RIKEN cDNA 1110013G13 gene
1454760_at	1.086	2600017A12Rik	RIKEN cDNA 2600017A12 gene
1449108_at	1.086	Fdx1	ferredoxin 1
1417585_at	1.085	Nup210	nucleoporin 210
1423133_at	1.085	0610040D20Rik	RIKEN cDNA 0610040D20 gene
1435112_a_at	1.083	Atp5h	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit d
1456373_x_at	1.079		ribosomal protein S20
1437767_s_at	1.079	Fts	retinoblastoma-like 2
1426244_at	1.079	Mapre2	microtubule-associated protein, RP/EB family, member 2
1418022_at	1.076	Narg1	NMDA receptor-regulated gene 1
1451747_a_at	1.075	Apg12l	autophagy 12-like (S. cerevisiae)
1451425_a_at	1.075	Mkrn1	makorin, ring finger protein, 1
1450878_at	1.074	Sri	RIKEN cDNA 2210417O06 gene
1436949_a_at	1.073	Tceb2	AV068352 Mus musculus small intestine C57BL/6J adult Mus musculus cDNA clone 2010303D07, mRNA sequence.
1415811_at	1.073	Uhrf1	ubiquitin-like, containing PHD and RING finger domains, 1

1451432_x_at	1.070	2010004B12Rik	RIKEN cDNA 2010004B12 gene
1448971_at	1.070	2410022L05Rik	RIKEN cDNA 2410022L05 gene
1416480_a_at	1.070	Hig1	hypoxia induced gene 1
1426323_x_at	1.064	Siva	Cd27 binding protein (Hindu God of destruction)
1417511_at	1.062	Lyar	Ly1 antibody reactive clone
1427143_at	1.060	Jarid1b	jumonji, AT rich interactive domain 1B (Rbp2 like)
1436859_at	1.060	2700007P21Rik	RIKEN cDNA 2700007P21 gene
1418901_at	1.058	Cebpb	CCAAT/enhancer binding protein (C/EBP), beta
1448656_at	1.057	Cacnb3	calcium channel, voltage-dependent, beta 3 subunit
1452585_at	1.057	Mrps28	mitochondrial ribosomal protein S28
1456243_x_at	1.056	Mcl1	BB374534 RIKEN full-length enriched, 16 days embryo head Mus musculus cDNA clone C130075117 3' similar to U35623 Mus musculus EAT/MCL-1 mRNA, mRNA sequence.
1417792_at	1.054	Np220	nuclear protein 220
1426529_a_at	1.052	Tagln2	transgelin 2
1448284_a_at	1.051	Ndufc1	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1
1460354_a_at	1.050	Mrpl13	mitochondrial ribosomal protein L13
1415950_a_at	1.048	Pbp	phosphatidylethanolamine binding protein
1422134_at	1.047	Fosb	FBJ osteosarcoma oncogene B
1417774_at	1.045	Nans	602916387F1 NCI_CGAP_Lu29 Mus musculus cDNA clone IMAGE:5067068 5', mRNA sequence.
1424894_at	1.045	Rab13	RAB13, member RAS oncogene family
1437975_a_at	1.043	BC029892	Similar to 60S ribosomal protein L23a (LOC268449), mRNA
1439234_a_at	1.042	2410018G23Rik	RIKEN cDNA 2410018G23 gene
1438058_s_at	1.041	Ptov1	prostate tumor over expressed gene 1
1418714_at	1.041	Dusp8	dual specificity phosphatase 8
1424456_at	1.037	Pvrl2	poliovirus receptor-related 2
1433549_x_at	1.036	Rps21	ribosomal protein S21
1435712_a_at	1.033	Rps18	Transcribed sequence with strong similarity to protein ref:NP_072045.1 (H.sapiens) ribosomal protein S18; 40S ribosomal protein S18 [Homo sapiens]
1451012_a_at	1.032	Csda	AV216648 RIKEN full-length enriched, ES cells Mus musculus cDNA clone 2410165103 3' similar to D14485 Mouse mRNA for dbpA murine homologue, mRNA sequence.
1418656_at	1.032	Lsm5	LSM5 homolog, U6 small nuclear RNA associated (S. cerevisiae)
1448592_at	1.031	Crtap	cartilage associated protein
1455129_at	1.030	2610103J23Rik	RIKEN cDNA 2610103J23 gene
1433991_x_at	1.030	Dbi	diazepam binding inhibitor
1433946_at	1.028	Zik1	zinc finger protein interacting with K protein 1
1421131_a_at	1.028	Zfp111	zinc finger protein 111
1416250_at	1.027	Btg2	B-cell translocation gene 2, anti-proliferative
1438659_x_at	1.027	0710001P09Rik	BB458460 RIKEN full-length enriched, 12 days embryo spinal ganglion Mus musculus cDNA clone D130057E08 3', mRNA sequence.
1419351_a_at	1.025	0610007P06Rik	RIKEN cDNA 0610007P06 gene
1433721_x_at	1.024	Rps21	ribosomal protein S21
1416245_at	1.023	0610033H09Rik	RIKEN cDNA 0610033H09 gene
1421152_a_at	1.021	Gnao	guanine nucleotide binding protein, alpha o
1450981_at	1.020	Cnn2	calponin 2
1450925_a_at	1.019	Rps27l	ribosomal protein S27-like
1424771_at	1.019	E130307C13	hypothetical protein E130307C13
1449289_a_at	1.018	B2m	RIKEN cDNA E130113K22 gene
1452002_at	1.018	BC024969	cDNA sequence BC024969
1428189_at	1.018	5730494M16Rik	RIKEN cDNA 5730494M16 gene
1456745_x_at	1.018	Sdbcag84	serologically defined breast cancer antigen 84
1427511_at	1.014	B2m	beta-2 microglobulin

1455364_a_at	1.013	Rps7	Similar to Rpl7a protein (LOC245667), mRNA
1425196_a_at	1.011	Hint2	histidine triad nucleotide binding protein 2
1451211_a_at	1.009	Lgtn	ligatin
1424222_s_at	1.008	Rad23b	Mus musculus cDNA clone IMAGE:3256899, complete cds.
1421955_a_at	1.008	Nedd4	neural precursor cell expressed, developmentally down-regulated gene 4
1417102_a_at	1.007	Ndubf5	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5
1417879_at	1.007	1110060M21Rik	RIKEN cDNA 1110060M21 gene
1448344_at	1.003	Rps12	ribosomal protein S12
1448699_at	1.002	Mrpl54	mitochondrial ribosomal protein L54
1448086_at	1.001	D1Ert164e	Transcribed sequences
1426510_at	1.000	C330023F11Rik	RIKEN cDNA C330023F11 gene
1452679_at	1.000	2410129E14Rik	Transcribed sequence with strong similarity to protein ref:NP_001060.1 (H.sapiens) tubulin, beta polypeptide [Homo sapiens]
1416247_at	0.999	Dctn3	dynactin 3
1424738_at	0.999	4932432K03Rik	RIKEN cDNA 4932432K03 gene
1417183_at	0.996	Dnaja2	DnaJ (Hsp40) homolog, subfamily A, member 2
1452754_at	0.996	5730592L21Rik	RIKEN cDNA 5730592L21 gene
1460697_s_at	0.995	2610209M04Rik	RIKEN cDNA 2610209M04 gene
1417869_s_at	0.994	Ctsz	
1433554_at	0.994	AU022870	hypothetical protein MGC56855
1438986_x_at	0.994	Rps17	ribosomal protein S17
1426680_at	0.993	Sepn1	RIKEN cDNA 1110019I12 gene
1452315_at	0.992	Kif11	kinesin family member 11
1444952_a_at	0.991	8430423A01Rik	RIKEN cDNA 8430423A01 gene
1452370_s_at	0.990	B230208H17Rik	RIKEN cDNA B230208H17 gene
1422720_at	0.989	Isl1	UI-M-DJ2-bwa-g-01-0-UI.s1 NIH_BMAP_DJ2 Mus musculus cDNA clone UI-M-DJ2-bwa-g-01-0-UI 3', mRNA sequence.
1451255_at	0.988	Lisch7	liver-specific bHLH-Zip transcription factor
1428214_at	0.988	Tomm7	translocase of outer mitochondrial membrane 7 homolog (yeast)
1423087_a_at	0.987	1110002E23Rik	RIKEN cDNA 1110002E23 gene
1423365_at	0.987	Cacna1g	calcium channel, voltage-dependent, T type, alpha 1G subunit
1434976_x_at	0.985	Eif4ebp1	AV216412 RIKEN full-length enriched, ES cells Mus musculus cDNA clone 2410160M04 3' similar to U28656 Mus musculus insulin-stimulated eIF-4E binding protein PHAS-I mRNA, mRNA sequence.
1456540_s_at	0.982	Mtmt6	BB297632 RIKEN full-length enriched, 9.5 days embryo parthenogenote Mus musculus cDNA clone B130063F15 3' similar to AF072928 Homo sapiens myotubularin related protein 6 mRNA, mRNA sequence.
1448498_at	0.981	Rps6ka4	ribosomal protein S6 kinase, polypeptide 4
1448876_at	0.978	Evc	Ellis van Creveld gene homolog (human)
1418545_at	0.978	Wasf1	WASP family 1
1437947_x_at	0.976	Vdac1	AV036172 Mus musculus adult C57BL/6J placenta Mus musculus cDNA clone 1600017H06, mRNA sequence.
1417131_at	0.973	Cdc25a	C76119 Mouse 3.5-dpc blastocyst cDNA Mus musculus cDNA clone J0003H02 3' similar to Rat mRNA for cdc25A, mRNA sequence.
1423294_at	0.972	Mest	Transcribed sequence with moderate similarity to protein sp:Q9UBF2 (H.sapiens) CPG2_HUMAN Coatomer gamma-2 subunit
1460424_at	0.971	1810008O21Rik	RIKEN cDNA 1810008O21 gene
1422451_at	0.967	Mrps21	mitochondrial ribosomal protein S21
1422524_at	0.967	Abcb6	ATP-binding cassette, sub-family B (MDR/TAP), member 6
1417357_at	0.966	Emd	emerin
1426606_at	0.965	Crtac1	cartilage acidic protein 1

1452181_at	0.965	Ckap4	BB312117 RIKEN full-length enriched, adult male corpora quadrigemina Mus musculus cDNA clone B230331K02 3' similar to X69910 H.sapiens p63 mRNA for transmembrane protein, mRNA sequence.
1418986_a_at	0.964	Uxt	ubiquitously expressed transcript
1451071_a_at	0.963	Atp1a1	ATPase, Na+/K+ transporting, alpha 1 polypeptide
1453550_a_at	0.961	3732409C05Rik	RIKEN cDNA 3732409C05 gene
1438776_x_at	0.961	Rps17	AV046534 Mus musculus adult C57BL/6J testis Mus musculus cDNA clone 1700057O18, mRNA sequence.
1424640_at	0.961	1110033P22Rik	RIKEN cDNA 1110033P22 gene
1449040_a_at	0.960	Sephs2	selenophosphate synthetase 2
1417722_at	0.960	Pgls	6-phosphogluconolactonase
1422683_at	0.955	Irak1bp1	interleukin-1 receptor-associated kinase 1 binding protein 1
1421881_a_at	0.954	Elavl2	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 2 (Hu antigen B)
1423181_s_at	0.954	Clns1a	chloride channel, nucleotide-sensitive, 1A
1427282_a_at	0.952	Frda	Friedreich ataxia
1416054_at	0.951	Rps5	ribosomal protein S5
1448952_at	0.948	A030009H04Rik	RIKEN cDNA A030009H04 gene
1428954_at	0.947	Slc9a3r2	solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 2
1418744_s_at	0.946	Tesc	tescalcin
1421698_a_at	0.946	Col19a1	procollagen, type XIX, alpha 1
1451291_at	0.946	2610036N15Rik	RIKEN cDNA 2610036N15 gene
1416696_at	0.943	D17Wsu104e	interleukin 25
1451017_at	0.942	Sdbcag84	BB556862 RIKEN full-length enriched, 2 days pregnant adult female ovary Mus musculus cDNA clone E330025K14 3' similar to AL161963 Homo sapiens mRNA; cDNA DKFZp547A2190 (from clone DKFZp547A2190), mRNA sequence.
1420617_at	0.941	Cpeb4	cytoplasmic polyadenylation element binding protein 4
1434230_at	0.941	Polb	polymerase (DNA directed), beta
1449267_at	0.939	3110023E09Rik	RIKEN cDNA 3110023E09 gene
1424750_at	0.939	Zbtb1	zinc finger and BTB domain containing 1
1417886_at	0.939	1810009A15Rik	RIKEN cDNA 1110055N21 gene
1416412_at	0.937	Nsmaf	neutral sphingomyelinase (N-SMase) activation associated factor
1418443_at	0.937	Xpo1	exportin 1, CRM1 homolog (yeast)
1422520_at	0.936	Nef3	neurofilament 3, medium
1425617_at	0.935	Dhx9	DEAH (Asp-Glu-Ala-His) box polypeptide 9
1430692_a_at	0.934	Sel1h	Sel1 (suppressor of lin-12) 1 homolog (C. elegans)
1439466_s_at	0.933	Ptcd1	BB001490 RIKEN full-length enriched, 13 days embryo head Mus musculus cDNA clone 3110026K15 3' similar to AF058791 Rattus norvegicus G10 protein homolog (edg2) mRNA, mRNA sequence.
1434883_at	0.929	2610103J23Rik	RIKEN cDNA 2610103J23 gene
1435652_a_at	0.929	Gnai2	uz40a02.x1 NCI_CGAP_Mam5 Mus musculus cDNA clone IMAGE:3671498 3', mRNA sequence.
1452246_at	0.929	Ostf1	osteoclast stimulating factor 1
1420513_at	0.928	1700073K01Rik	RIKEN cDNA 1700073K01 gene
1416605_at	0.927	Nola2	nucleolar protein family A, member 2
1449194_at	0.926	Mrps25	mitochondrial ribosomal protein S25
1416349_at	0.926	Mrpl34	mitochondrial ribosomal protein L34
1424300_at	0.919	Gemin6	gem (nuclear organelle) associated protein 6
1417959_at	0.918	Pdlim7	PDZ and LIM domain 7
1418743_a_at	0.918	Tesc	tescalcin
1422525_at	0.918	Atp5k	ATP synthase, H+ transporting, mitochondrial F1F0 complex, subunit e
1421817_at	0.913	Gsr	glutathione reductase 1
1427876_at	0.912	2610312B22Rik	RIKEN cDNA 2610312B22 gene

1422977_at	0.912	Gp1bb	glycoprotein lb, beta polypeptide
1423897_at	0.907	2410016F01Rik	RIKEN cDNA 2410016F01 gene
1439451_x_at	0.906	D15Ert747e	BB487787 RIKEN full-length enriched, 13 days embryo lung Mus musculus cDNA clone D430044J16 3', mRNA sequence.
1430295_at	0.906	Gna13	guanine nucleotide binding protein, alpha 13
1423242_at	0.906	Mrps36	mitochondrial ribosomal protein S36
1436803_a_at	0.903	Ndufb9	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9
1421266_s_at	0.902	Nfkbib	nuclear factor of kappa light chain gene enhancer in B-cells inhibitor, beta
1418588_at	0.902	Vmp	vesicular membrain protein p24
1448737_at	0.901	Tm4sf2	transmembrane 4 superfamily member 2
1416022_at	0.899	Fabp5	fatty acid binding protein 5, epidermal
1456584_x_at	0.898	Phgdh	BB495884 RIKEN full-length enriched, 13 days embryo stomach Mus musculus cDNA clone D530050H10 3' similar to L21027 Mus musculus A10 mRNA, mRNA sequence.
1439410_x_at	0.897	3010027G13Rik	RIKEN cDNA 3010027G13 gene
1423321_at	0.896	Myadm	myeloid-associated differentiation marker
1416965_at	0.893	Pcsk1n	proprotein convertase subtilisin/kexin type 1 inhibitor
1423653_at	0.893	Atp1a1	ATPase, Na ⁺ /K ⁺ transporting, alpha 1 polypeptide
1423993_at	0.890	Atp6v1f	ATPase, H ⁺ transporting, V1 subunit F
1419456_at	0.890	Dcxr	dicarbonyl L-xylulose reductase
1451745_a_at	0.889	Znhit1	zinc finger, HIT domain containing 1
1423746_at	0.889	Txndc5	thioredoxin domain containing 5
1450389_s_at	0.889	Pip5k1a	phosphatidylinositol-4-phosphate 5-kinase, type 1 alpha
1433616_a_at	0.888	2310028O11Rik	Adult male xiphoid cartilage cDNA, RIKEN full-length enriched library, clone:5230400C04 product:unknown EST, full insert sequence
1426641_at	0.887	Trib2	expressed sequence AW319517
1430571_s_at	0.885	2410153K17Rik	unnamed protein product; hypothetical Armadillo repeat/Armadillo/plakoglobin ARM repeat profile containing protein (InterPro IPR000225, PROSITE PS50176, evidence: InterPro) putative; Mus musculus ES cells cDNA, RIKEN full-length enriched library, clone:2410153K17 product:hypothetical Armadillo repeat/Armadillo/plakoglobin ARM repeat profile containing protein, full insert sequence.
1435364_at	0.883		4 days neonate male adipose cDNA, RIKEN full-length enriched library, clone:B430101C18 product:HYPOTHETICAL 19.9 KDA PROTEIN homolog [Homo sapiens], full insert sequence
1421903_at	0.883	2810405O22Rik	RIKEN cDNA 2810405O22 gene
1456616_a_at	0.880	Bsg	AV035166 Mus musculus adult C57BL/6J placenta Mus musculus cDNA clone 1600013O06, mRNA sequence.
1424171_a_at	0.879	Hagh	hydroxyacyl glutathione hydrolase
1423507_a_at	0.879	Sirt2	Transcribed sequence with moderate similarity to protein ref:NP_036369.2 (H.sapiens) sirtuin 2, isoform 1; SIR2
1451386_at	0.879	Blvrb	biliverdin reductase B (flavin reductase (NADPH))
1448824_at	0.878	Ube2j1	ubiquitin-conjugating enzyme E2, J1
1435690_at	0.878	9030624J02Rik	RIKEN cDNA 9030624J02 gene
1434325_x_at	0.877	Prkar1b	BB274009 RIKEN full-length enriched, 10 days neonate cortex Mus musculus cDNA clone A830086C24 3', mRNA sequence.
1454807_a_at	0.877	Snx12	sorting nexin 12
1416528_at	0.875	Sh3bgrl3	SH3 domain binding glutamic acid-rich protein-like 3
1423959_at	0.874	AV047578	expressed sequence AV047578

^a Five probes included by Affymetrix as controls were removed from this list

TABLE S4. KEGG pathways identified by bioweight

Category	Pathway(s)	Probe(s)	Gene	Description	Accession	R/P ^a
Carbohydrate Metabolism	Aminosugars metabolism; Fructose and mannose metabolism	1425485_at, 1456540_s_at	Mtmr6	myotubularin related protein 6	BC020019, BB297632	R
	Aminosugars metabolism	1417773_at, 1417774_at	Nans	N-acetylneuraminic acid synthase (sialic acid synthase)	BI151886	R
	Aminosugars metabolism; Fructose and mannose metabolism	1427903_at	Phpt1	phosphohistidine phosphatase 1	BB650419	R
	Galactose metabolism	1418248_at	Gla	galactosidase, alpha	NM_013463	R
	Glycolysis / Gluconeogenesis; Pyruvate metabolism	1427943_at	Acyp2	acylphosphatase 2, muscle type	BI730288	R
	Glycolysis / Gluconeogenesis	1418625_s_at	LOC14433		NM_008084	R
	Inositol phosphate metabolism	1450389_s_at	Pip5k1a	phosphatidylinositol-4-phosphate 5-kinase, type 1 alpha	NM_008846	R
	Pentose and glucuronate interconversions; Fructose and mannose metabolism; Galactose metabolism; Pyruvate metabolism	1437133_x_a, 1448319_at	Akr1b3	aldo-keto reductase family 1, member B3 (aldose reductase)	AV127085, NM_009658	R
	Pentose and glucuronate interconversions	1419456_at	Dcxr	dicarbonyl L-xylulose reductase	BC012247	R
	Pentose phosphate pathway	1417722_at	Pgls	6-phosphogluconolactonase	BC006594	R
	Pyruvate metabolism	1424171_a_at, 1424172_at	Hagh	hydroxyacyl glutathione hydrolase	BC004749	R
	Citrate cycle (TCA cycle)	1425326_at	Acly	ATP citrate lyase	BI456232	P
	Citrate cycle (TCA cycle)	1451274_at	Ogdh	oxoglutarate dehydrogenase (lipoamide)	BC013670	P
	Starch and sucrose metabolism	1448497_at	Ercc3	excision repair cross-complementing rodent repair deficiency, complementation group3	NM_133658	P
Energy Metabolism	Oxidative phosphorylation	1424488_a_at	1110013G13Rik	RIKEN cDNA 1110013G13 gene	BC011417	R
	Oxidative phosphorylation; ATP synthesis	1415980_at	Atp5g2	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 2	NM_026468	R
	Oxidative phosphorylation; ATP synthesis	1423676_at, 1435112_a_at	Atp5h	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit d	AF354051, AV154755	R
	Oxidative phosphorylation; ATP synthesis	1422525_at, 1434053_x_at, 1450640_x_at	Atp5k	ATP synthase, H+ transporting, mitochondrial F1F0 complex, subunit e	NM_007507, AV216686, NM_007507	R
	Oxidative phosphorylation; ATP synthesis	1437164_x_at	Atp5o	ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit	AV066932	R
	Oxidative phosphorylation; ATP synthesis	1416769_s_at, 1437013_x_at	Atp6v0b	ATPase, H+ transporting, V0 subunit B	NM_033617, AV339131	R
	Oxidative phosphorylation; ATP synthesis	1423993_at	Atp6v1f	ATPase, H+ transporting, V1 subunit F	BC016553	R

Oxidative phosphorylation	1418709_at	Cox7a1	cytochrome c oxidase, subunit VIIa 1	AF037370	R
Oxidative phosphorylation	1416971_at	Cox7a2	cytochrome c oxidase, subunit VIIa 2	NM_009945	R
Oxidative phosphorylation	1429708_at	Ndufa11	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 11	AA596846	R
Oxidative phosphorylation	1417368_s_at	Ndufa2	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 2	NM_010885	R
Oxidative phosphorylation	1428464_at, 1452790_x_at	Ndufa3	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 3	AV048277	R
Oxidative phosphorylation	1417285_a_at	Ndufa5	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5	NM_026614	R
Oxidative phosphorylation	1448427_at	Ndufa6	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 6 (B14)	NM_025987	R
Oxidative phosphorylation	1428360_x_at 1455749_x_at	Ndufa7	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 7 (B14.5a)	BI558499, C88880	R
Oxidative phosphorylation	1416057_at	Ndufb11	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 11	BC027265	R
Oxidative phosphorylation	1416834_x_at 1448483_a_at	Ndufb2	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2	NM_026612	R
Oxidative phosphorylation	1428075_at, 1428076_s_at	Ndufb4	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 4	BG968046	R
Oxidative phosphorylation	1417102_a_at 1448589_at	Ndufb5	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5	BC025155	R
Oxidative phosphorylation	1448331_at	Ndufb7	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 7	NM_025843	R
Oxidative phosphorylation	1448198_a_at	Ndufb8	NADH dehydrogenase (ubiquinone) 1 beta subcomplex 8	NM_026061	R
Oxidative phosphorylation	1436803_a_at 1452184_at	Ndufb9	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 9	AV161987, W29413	R
Oxidative phosphorylation	1416285_at, 1448284_a_at	Ndufc1	NADH dehydrogenase (ubiquinone) 1, subcomplex unknown, 1	NM_025523	R
Oxidative phosphorylation	1416494_at, 1416495_s_at	Ndufs5	NADH dehydrogenase (ubiquinone) Fe-S protein 5	NM_134104	R
Oxidative phosphorylation	1423907_a_at	Ndufs8	NADH dehydrogenase (ubiquinone) Fe-S protein 8	BC021616	R
Oxidative phosphorylation	1428179_at	Ndufv2	NADH dehydrogenase (ubiquinone) flavoprotein 2	BI692577	R
Oxidative phosphorylation	1448292_at	Uqcr	ubiquinol-cytochrome c reductase (6.4kD) subunit	NM_025650	R
Oxidative phosphorylation	1416337_at	Uqcrb	ubiquinol-cytochrome c reductase binding protein	NM_026219	R
Methane metabolism	1422198_a_at	Shmt1	serine hydroxymethyl transferase 1 (soluble)	NM_009171	P
Oxidative phosphorylation; ATP synthesis	1438809_at	Atp5c1	ATP synthase, H+ transporting mitochondrial F1 complex, gamma polypeptide 1	AI644507	P

	Oxidative phosphorylation; ATP synthesis	1456128_at	Atp5g2	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit c (subunit 9), isoform 2	AW413339	P
	Oxidative phosphorylation; ATP synthesis	1450634_at	Atp6v1a	ATPase, H+ transporting, V1 subunit A1	NM_007508	P
	Oxidative phosphorylation	1435934_at	Ndubfab1	NADH dehydrogenase (ubiquinone) 1, alpha/beta subcomplex1	AI643884	P
Lipid Metabolism	Androgen and estrogen metabolism	1454987_a_at	H2-Ke6	H2-K region expressed gene 6	AI323545	R
	Biosynthesis of steroids	1423804_a_at	Idi1	isopentenyl-diphosphate delta isomerase	BC004801	R
	Fatty acid biosynthesis	1423828_at	Fasn	fatty acid synthase	AF127033	R
	Glycerolipid metabolism	1437133_x_a, 1448319_at	Akr1b3	aldo-keto reductase family 1, member B3 (aldose reductase)	AV127085, NM_009658	R
	Glycerolipid metabolism; Sphingolipid metabolism	1418248_at	Gla	galactosidase, alpha	NM_013463	R
	Sphingolipid metabolism	1441866_s_at	Ptdss1	phosphatidylserine synthase 1	BB526117	R
	Fatty acid metabolism	1451828_a_at	Acsl4	acyl-CoA synthetase long-chain family member 4	AB033886	P
	Fatty acid metabolism	1460409_at	Cpt1a	carnitine palmitoyltransferase 1a, liver	AI987925	P
	Glycerophospholipid metabolism	1454633_at	Etnk1	ethanolamine kinase 1	BG066916	P
	Glycerophospholipid metabolism	1448086_at	Lypla1	lysophospholipase 1	BG079429	P
Glycerophospholipid metabolism; Arachidonic acid metabolism	1454157_a_at	Pla2g2d	phospholipase A2, group IID	AK004232	P	
Nucleotide Metabolism	Purine metabolism; Pyrimidine metabolism	1438177_x_at	Entpd4	ectonucleoside triphosphate diphosphohydrolase 4	AV255351	R
	Purine metabolism; Pyrimidine metabolism	1424110_a_at, 1435277_x_at	Nme1	expressed in non-metastatic cells 1, protein	BC005629, AV156640	R
	Pyrimidine metabolism	1423717_at	Ak3	adenylate kinase 3	BC019174	R
	Pyrimidine metabolism	1448604_at	Uck2	uridine-cytidine kinase 2	NM_030724	R
	Purine metabolism; Pyrimidine metabolism	1419397_at	Pola1	polymerase (DNA directed), alpha 1	NM_008892	P
	Purine metabolism; Pyrimidine metabolism	1448650_a_at	Pole	polymerase (DNA directed), epsilon	NM_011132	P
	Purine metabolism; Pyrimidine metabolism	1433552_a_at	Polr2b	polymerase (RNA) II (DNA directed) polypeptide B	BQ177004	P
	Purine metabolism; Pyrimidine metabolism	1448127_at	Rrm1	ribonucleotide reductase M1	BB758819	P
Amino Acid Metabolism	Arginine and proline metabolism; Urea cycle and metabolism of amino groups	1455106_a_at	Ckb	creatine kinase, brain	BG967663	R
	Arginine and proline metabolism; Urea cycle and metabolism of amino groups	1421260_a_at	Srm	spermidine synthase	NM_009272	R
	Glutamate metabolism	1421817_at	Gsr	glutathione reductase 1	AK019177	R
	Glycine, serine and threonine metabolism	1426657_s_at, 1456471_x_at	Phgdh	3-phosphoglycerate dehydrogenase	L21027, BB204486	R

	Glycine, serine and threonine metabolism	1415673_at	Psph	phosphoserine phosphatase	NM_133900	R
	Glycine, serine and threonine metabolism; Lysine degradation	1422198_a_at	Shmt1	serine hydroxymethyl transferase 1 (soluble)	NM_009171	P
	Methionine metabolism	1435122_x_at	Dnmt1	DNA methyltransferase (cytosine-5) 1	BB165431	P
	Tryptophan metabolism; Lysine degradation	1451274_at	Ogdh	oxoglutarate dehydrogenase (lipoamide)	BC013670	P
	Tryptophan metabolism	1424988_at	Myliip	myosin regulatory light chain interacting protein	BC010206	P
	Tryptophan metabolism	1437354_at	Ube3a	ubiquitin protein ligase E3A	AI154956	P
	Tryptophan metabolism	1415811_at	Uhrf1	ubiquitin-like, containing PHD and RING finger domains, 1	BB702754	P
	Valine, leucine and isoleucine biosynthesis	1452154_at	lars	isoleucine-tRNA synthetase	BE915338	P
Metabolism of Other Amino Acids	Aminophosphonate metabolism	1441866_s_at	Ptdss1	phosphatidylserine synthase 1	BB526117	R
	beta-Alanine metabolism	1421260_a_at	Srm	spermidine synthase	NM_009272	R
	Glutathione metabolism	1421817_at	Gsr	glutathione reductase 1	AK019177	R
	Selenoamino acid metabolism	1449040_a_at	Sephs2	selenophosphate synthetase 2	NM_009266	R
	Cyanoamino acid metabolism	1422198_a_at	Shmt1	serine hydroxymethyl transferase 1 (soluble)	NM_009171	P
	Glycan Biosynthesis and Metabolism	Glycosphingolipid biosynthesis - globoseries	1418248_at	Gla	galactosidase, alpha	NM_013463
N-Glycan biosynthesis		1416493_at	Ddost	dolichyl-di-phosphooligosaccharide-protein glycotransferase	NM_007838	R
N-Glycan biosynthesis		1448353_x_at	Rpn1	ribophorin I	NM_133933	R
N-Glycan biosynthesis		1418896_a_at	Rpn2	ribophorin II	NM_019642	R
N-Glycan degradation		1416109_at	Fuca1	fucosidase, alpha-L- 1, tissue	NM_024243	R
N-Glycan degradation		1416584_at	Man2b2	mannosidase 2, alpha B2	NM_008550	R
Chondroitin / Heparan sulfate biosynthesis		1422539_at	Extl2	exotoses (multiple)-like 2	BM203810	P
Metabolism of Cofactors and Vitamins		Nicotinate and nicotinamide metabolism; Riboflavin metabolism; Thiamine metabolism; Vitamin B6 metabolism	1425485_at, 1456540_s_at	Mtmr6	myotubularin related protein 6	BC020019, BB297632
	Nicotinate and nicotinamide metabolism; Riboflavin metabolism; Thiamine metabolism; Vitamin B6 metabolism	1427903_at	Phpt1	phosphohistidine phosphatase 1	BB650419	R
	Nicotinate and nicotinamide metabolism; Pantothenate and CoA biosynthesis	1423507_a_at	Sirt2	sirtuin 2 (silent mating type information regulation 2, homolog) 2 (<i>S. cerevisiae</i>)	BB807595	R
	Porphyrin and chlorophyll metabolism	1426475_at	Hmbs	hydroxymethylbilane synthase	AI325144	R
	Ubiquinone biosynthesis	1416057_at	Ndufb11	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 11	BC027265	R
	Folate biosynthesis	1448497_at	Ercc3	excision repair cross-complementing rodent repair deficiency, complementation group3	NM_133658	P

	One carbon pool by folate	1422198_a_at	Shmt1	serine hydroxymethyl transferase 1 (soluble)	NM_009171	P
Biosynthesis of Secondary Metabolites	Terpenoid biosynthesis	1423804_a_at	Idi1	isopentenyl-diphosphate delta isomerase	BC004801	R
Xenobiotics Biodegradation and Metabolism	Benzoate degradation via CoA ligation	1427943_at	Acyp2	acylphosphatase 2, muscle type	BI730288	R
	Caprolactam degradation	1423507_a_at	Sirt2	sirtuin 2 (silent mating type information regulation 2, homolog) 2 (S. cerevisiae)	BB807595	R
Transcription	Basal transcription factors	1422778_at	Taf9	TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated factor	NM_027139	R
	Basal transcription factors	1448784_at	Taf10	TAF10 RNA polymerase II, TATA box binding protein (TBP)-associated factor	NM_020024	R
	RNA polymerase	1433552_a_at	Polr2b	polymerase (RNA) II (DNA directed) polypeptide B	BQ177004	P
Translation	Ribosome	1460581_a_at	Rpl13	ribosomal protein L13	AI506565	R
	Ribosome	1433928_a_at	Rpl13a	ribosomal protein L13a	BF146301, AI324936	R
	Ribosome	1454859_a_at	Rpl23	ribosomal protein L23	AV124394	R
	Ribosome	1426659_a_at	Rpl23a	ribosomal protein L23a	BF178310, BF178310, C87154, C87154	R
	Ribosome	1448217_a_at	Rpl27	ribosomal protein L27	NM_011289	R
	Ribosome	1416074_a_at	Rpl28	ribosomal protein L28	NM_009081	R
	Ribosome	1418273_a_at	Rpl30	ribosomal protein L30	NM_009083	R
	Ribosome	1416243_a_at	Rpl35	ribosomal protein L35	NM_025592, AV124739, AV066335, AV172221	R
	Ribosome	1416519_at	Rpl36	ribosomal protein L36	NM_018730	R
	Ribosome	1416807_at	Rpl36a	ribosomal protein L36a	NM_019865	R
	Ribosome	1434872_x_at	Rpl37	ribosomal protein L37	AV170241	R
	Ribosome	1433472_x_at	Rpl38	ribosomal protein L38	AA050777	R
	Ribosome	1415879_a_at	Rplp2	ribosomal protein, large P2	BC012413	R
	Ribosome	1415912_a_at	Rps13	ribosomal protein S13	NM_026533	R
	Ribosome	1438776_x_at	Rps17	ribosomal protein S17	AV046534, AV064451	R
	Ribosome	1435712_a_at	Rps18	ribosomal protein S18	AW907444	R
	Ribosome	1456373_x_at	Rps20	ribosomal protein S20	AV046829	R
	Ribosome	1433549_x_at	Rps21	ribosomal protein S21	AV123618, AV123577, AV151252	R
	Ribosome	1436064_x_at	Rps24	ribosomal protein S24	AV004977, AK008386, AV111319	R
	Ribosome	1415716_a_at	Rps27	ribosomal protein S27	AA208652	R
	Ribosome	1450925_a_at	Rps27l	ribosomal protein S27-like	BB836796	R
	Ribosome	1416054_at	Rps5	ribosomal protein S5	NM_009095	R
	Ribosome	1455364_a_at	Rps7	ribosomal protein S7	AI414989	R
	Aminoacyl-tRNA biosynthesis	1452154_at	lars	isoleucine-tRNA synthetase	BE915338	P

Folding, Sorting and Degradation	Protein export	1418567_a_at	Srp14	signal recognition particle 14	NM_009273	R
Replication and Repair	DNA polymerase	1434230_at	Polb	polymerase (DNA directed), beta	BG094331	R
	DNA polymerase	1419397_at	Pola1	polymerase (DNA directed), alpha 1	NM_008892	P
	DNA polymerase	1448650_a_at	Pole	polymerase (DNA directed), epsilon	NM_011132	P
Membrane Transport	ABC transporters - General	1422524_at	Abcb6	ATP-binding cassette, sub-family B (MDR/TAP), member 6	NM_023732	R
	ABC transporters - General	1423030_at, 1427490_at	Abcb7	ATP-binding cassette, sub-family B (MDR/TAP), member 7	A1195225, U43892	P
Signal Transduction	Calcium signaling	1423365_at	Cacna1g	calcium channel, voltage-dependent, T type, alpha 1G subunit	AW494038	R
	Calcium signaling	1449245_at	Grin2c	glutamate receptor, ionotropic, NMDA2C (epsilon 3)	NM_010350	R
	Calcium signaling	1437947_x_at	Vdac1	voltage-dependent anion channel 1	AV036172	R
	Jak-STAT signaling	1419455_at	Il10rb	interleukin 10 receptor, beta	NM_008349	R
	MAPK signaling	1418714_at	Dusp8	dual specificity phosphatase 8	NM_008748	R
	MAPK signaling	1422615_at	Map4k4	mitogen-activated protein kinase kinase kinase 4	NM_008696	R
	MAPK signaling	1426648_at	Mapkapk2	MAP kinase-activated protein kinase 2	BG918951	R
	MAPK signaling	1418300_a_at, 1449029_at	Mknk2	MAP kinase-interacting serine/threonine kinase 2	NM_021462	R
	MAPK signaling	1448498_at	Rps6ka4	ribosomal protein S6 kinase, polypeptide 4	NM_019924	R
	MAPK signaling	1418448_at	Rras	Harvey rat sarcoma oncogene, subgroup R	NM_009101	R
	MAPK signaling	1418255_s_at, 1418256_at	Srf	serum response factor	BI662291	R
	Notch signaling	1449080_at	Hdac2	histone deacetylase 2	NM_008229	R
	Phosphatidylinositol signaling	1450389_s_at	Pip5k1a	phosphatidylinositol-4-phosphate 5-kinase, type 1 alpha	NM_008846	R
	TGF-beta signaling; Hedgehog signaling	1418910_at	Bmp7	bone morphogenetic protein 7	NM_007557	R
	TGF-beta signaling	1437767_s_at	Rbl2	retinoblastoma-like 2	AA138720	R
	Calcium signaling; Phosphatidylinositol signaling	1417279_at, 1460203_at	Itpr1	inositol 1,4,5-triphosphate receptor 1	NM_010585	P
	Jak-STAT signaling	1419529_at	Il23a	interleukin 23, alpha subunit p19	NM_031252	P
	Jak-STAT signaling	1452843_at	Il6st	interleukin 6 signal transducer	AK017211	P
	Jak-STAT signaling	1433804_at	Jak1	Janus kinase 1	BQ032637	P
	Jak-STAT signaling	1422581_at	Pias1	protein inhibitor of activated STAT 1	NM_019663	P
	Jak-STAT signaling; Phosphatidylinositol signaling	1425514_at	Pik3r1	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha)	M60651	P
	Jak-STAT signaling	1455899_x_at	Socs3	suppressor of cytokine signaling 3	BB241535	P

	Jak-STAT signaling	1450034_at	Stat1	signal transducer and activator of transcription 1	AW214029	P
	MAPK signaling	1448135_at	Atf4	activating transcription factor 4	M94087	P
	MAPK signaling	1448830_at	Dusp1	dual specificity phosphatase 1	NM_013642	P
	MAPK signaling	1426677_at	Flna	filamin, alpha	BM233746	P
	MAPK signaling	1426750_at	Flnb	filamin, beta	AW538200	P
	MAPK signaling	1454157_a_at	Pla2g2d	phospholipase A2, group IID	AK004232	P
	MAPK signaling; Wnt signaling	1438808_at	Trp53	transformation related protein 53	BB450072	P
	Wnt signaling	1420811_a_at 1430533_a_at 1450008_a_at	Ctnnb1	catenin (cadherin associated protein), beta 1, 88kDa	NM_007614, BI134907, NM_007614	P
	Wnt signaling; Notch signaling	1448616_at	Dvl2	dishevelled 2, dsh homolog (Drosophila)	BF466091	P
Signaling Molecules and Interaction	Cell adhesion molecules (CAMs)	1422527_at	H2-DMa	histocompatibility 2, class II, locus DMa	NM_010386	R
	Cell adhesion molecules (CAMs)	1420842_at	Ptpnf	protein tyrosine phosphatase, receptor type, F	BF235516	R
	Cell adhesion molecules (CAMs)	1424456_at	Pvrl2	poliovirus receptor-related 2	BC009088	R
	Cytokine-cytokine receptor interaction	1418910_at	Bmp7	bone morphogenetic protein 7	NM_007557	R
	Cytokine-cytokine receptor interaction	1419455_at	Il10rb	interleukin 10 receptor, beta	NM_008349	R
	Cytokine-cytokine receptor interaction	1418572_x_at	Tnfrsf12a	tumor necrosis factor receptor superfamily, member 12a	NM_013749	R
	ECM-receptor interaction	1422977_at	Gp1bb	glycoprotein Ib, beta polypeptide	NM_010327	R
	Neuroactive ligand-receptor interaction	1449245_at	Grin2c	glutamate receptor, ionotropic, NMDA2C (epsilon 3)	NM_010350	R
	Neuroactive ligand-receptor interaction	1450795_at	Lhb	lutinizing hormone beta	NM_008497	R
	Cytokine-cytokine receptor interaction	1419529_at	Il23a	interleukin 23, alpha subunit p19	NM_031252	P
	Cytokine-cytokine receptor interaction	1452843_at	Il6st	interleukin 6 signal transducer	AK017211	P
	Cytokine-cytokine receptor interaction	1451959_a_at	Vegfa	vascular endothelial growth factor A	U50279	P
	Cell Motility	Regulation of actin cytoskeleton	1448346_at	Cfl1	cofilin 1, non-muscle	NM_007687
Regulation of actin cytoskeleton		1430295_at	Gna13	guanine nucleotide binding protein, alpha 13	BG094302	R
Regulation of actin cytoskeleton		1450389_s_at	Pip5k1a	phosphatidylinositol-4-phosphate 5-kinase, type 1 alpha	NM_008846	R
Regulation of actin cytoskeleton		1418448_at	Rras	Harvey rat sarcoma oncogene, subgroup R	NM_009101	R
Regulation of actin cytoskeleton		1418545_at	Wasf1	WASP family 1	NM_031877	R
Regulation of actin cytoskeleton		1417379_at, 1417380_at	Iqgap1	IQ motif containing GTPase activating protein 1	NM_016721	P
Regulation of actin cytoskeleton		1425514_at	Pik3r1	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha)	M60651	P

Cell Growth and Death	Apoptosis	1434325_x_at	Prkar1b	protein kinase, cAMP dependent regulatory, type I beta	BB274009	R
	Cell cycle	1456293_s_at	Ccnh	cyclin H	AA068868	R
	Cell cycle	1449080_at	Hdac2	histone deacetylase 2	NM_008229	R
	Cell cycle	1418225_at, 1418226_at	Orc2l	origin recognition complex, subunit 2-like (S. cerevisiae)	BB830976	R
	Apoptosis	1421229_at	Dffb	DNA fragmentation factor, beta subunit	NM_007859	P
	Apoptosis	1425514_at	Pik3r1	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha)	M60651	P
	Cell cycle; Apoptosis	1438808_at	Trp53	transformation related protein 53	BB450072	P
	Cell cycle	1417131_at	Cdc25a	cell division cycle 25 homolog A (S. cerevisiae)	C76119	P
	Cell cycle	1417019_a_at	Cdc6	cell division cycle 6 homolog (S. cerevisiae)	NM_011799	P
	Cell cycle	1426002_a_at	Cdc7	cell division cycle 7 (S. cerevisiae)	AB018574	P
	Cell cycle	1426653_at	Mcm3	minichromosome maintenance deficient 3 (S. cerevisiae)	BI658327	P
	Cell cycle	1415945_at	Mcm5	minichromosome maintenance deficient 5, cell division cycle 46 (S. cerevisiae)	NM_008566	P
	Cell cycle	1422663_at	Orc1l	origin recognition complex, subunit 1-like (S.cereviaiae)	BC015073	P
	Cell cycle	1449293_a_at	Skp2	S-phase kinase-associated protein 2 (p45)	AV259620	P
Cell Communication	Adherens junction	1420842_at	Ptpfr	protein tyrosine phosphatase, receptor type, F	BF235516	R
	Adherens junction	1424456_at	Pvrl2	poliovirus receptor-related 2	BC009088	R
	Adherens junction; Focal adhesion; Gap junction; Tight junction	1423240_at	Src	Rous sarcoma oncogene	BG868120	R
	Adherens junction	1418545_at	Wasf1	WASP family 1	NM_031877	R
	Focal adhesion	1434396_a_at	LOC433297		AU017189	R
	Focal adhesion; Tight junction	1424269_a_at, 1435041_at	Myl6	myosin, light polypeptide 6, alkali, smooth muscle and non-muscle	BC026760, BI108818	R
	Focal adhesion; Gap junction; Tight junction	1418448_at	Rras	Harvey rat sarcoma oncogene, subgroup R	NM_009101	R
	Gap junction; Tight junction	1435652_a_at	Gnai2	guanine nucleotide binding protein, alpha inhibiting 2	BF228116	R
	Tight junction	1451012_a_at	Csda	cold shock domain protein A	AV216648	R
	Tight junction	1424894_at	Rab13	RAB13, member RAS oncogene family	BC027214	R
	Adherens junction; Focal adhesion; Tight junction	1420811_a_at, 1430533_a_at, 1450008_a_at	Ctnnb1	catenin (cadherin associated protein), beta 1, 88kDa	NM_007614, BI134907, NM_007614	P
	Adherens junction	1417379_at, 1417380_at	Iqgap1	IQ motif containing GTPase activating protein 1	NM_016721	P
	Focal adhesion	1426677_at	Flna	filamin, alpha	BM233746	P
	Focal adhesion	1426750_at	Flnb	filamin, beta	AW538200	P

	Focal adhesion	1425514_at	Pik3r1	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha)	M60651	P
	Focal adhesion	1451959_a_at	Vegfa	vascular endothelial growth factor A	U50279	P
	Gap junction	1417279_at, 1460203_at	Itpr1	inositol 1,4,5-triphosphate receptor 1	NM_010585	P
	Tight junction	1421064_at	Mpp5	membrane protein, palmitoylated 5 (MAGUK p55 subfamily member 5)	AW258373	P
	Tight junction	1422685_at	Sec81	SEC8-like 1 (S. cerevisiae)	NM_009148	P
	Tight junction	1427888_a_at	Spna2	spectrin alpha 2	AK011566	P
	Tight junction	1452143_at	Spnb2	spectrin beta 2	BQ174069	P
Endocrine System	Adipocytokine signaling	1421266_s_at	Nfkbib	nuclear factor of kappa light chain gene enhancer in B-cells inhibitor, beta	NM_010908	R
	Insulin signaling	1434976_x_at	Eif4ebp1	eukaryotic translation initiation factor 4E binding protein 1	AV216412	R
	Insulin signaling	1423828_at	Fasn	fatty acid synthase	AF127033	R
	Insulin signaling	1418300_a_at, 1449029_at	Mknk2	MAP kinase-interacting serine/threonine kinase2	NM_021462	R
	Insulin signaling	1434325_x_at	Prkar1b	protein kinase, cAMP dependent regulatory, type I beta	BB274009	R
	Insulin signaling	1420842_at	Ptpnf	protein tyrosine phosphatase, receptor type, F	BF235516	R
	Insulin signaling	1416636_at	Rheb	RAS-homolog enriched in brain	NM_053075	R
	Insulin signaling	1418448_at	Rras	Harvey rat sarcoma oncogene, subgroup R	NM_009101	R
	Adipocytokine signaling	1451828_a_at	Acsl4	acyl-CoA synthetase long-chain family member 4	AB033886	P
	Adipocytokine signaling	1460409_at	Cpt1a	carnitine palmitoyltransferase 1a, liver	AI987925	P
	Adipocytokine signaling; Insulin signaling	1417592_at	Frap1	FK506 binding protein 12-rapamycin associated protein 1	NM_020009	P
	Adipocytokine signaling; Insulin signaling	1422248_at	Irs4	insulin receptor substrate 4	NM_010572	P
	Adipocytokine signaling	1433804_at	Jak1	Janus kinase 1	BQ032637	P
	Adipocytokine signaling; Insulin signaling	1455899_x_at	Socs3	suppressor of cytokine signaling 3	BB241535	P
	Insulin signaling	1425514_at	Pik3r1	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha)	M60651	P
	Immune System	B cell receptor signaling; T cell receptor signaling	1421266_s_at	Nfkbib	nuclear factor of kappa light chain gene enhancer in B-cells inhibitor, beta	NM_010908
B cell receptor signaling; T cell receptor signaling		1418448_at	Rras	Harvey rat sarcoma oncogene, subgroup R	NM_009101	R
Hematopoietic cell lineage		1422977_at	Gp1bb	glycoprotein Ib, beta polypeptide	NM_010327	R
B cell receptor signaling; T cell receptor signaling; Toll-like receptor signaling		1425514_at	Pik3r1	phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 1 (p85 alpha)	M60651	P

	Hematopoietic cell lineage	1422967_a_at	Tfrc	transferrin receptor	BB810450	P
	Toll-like receptor signaling	1450034_at	Stat1	signal transducer and activator of transcription 1	AW214029	P
Development	Dorso-ventral axis formation	1418448_at	Rras	Harvey rat sarcoma oncogene, subgroup R	NM_009101	M
Behavior	Circadian rhythm	1418025_at	Bhlhb2	basic helix-loop-helix domain containing, class B2	NM_011498	P
Neurodegenerative Disorders	Alzheimer's disease	1416673_at	Bace2	beta-site APP-cleaving enzyme 2	NM_019517	R
	Alzheimer's disease; Dentatorubropallidolusian atrophy (DRPLA); Huntington's disease; Neurodegenerative Disorders	1418625_s_at	LOC14433		NM_008084	R
	Amyotrophic lateral sclerosis (ALS)	1422520_at	Nef3	neurofilament 3, medium	NM_008691	R
	Neurodegenerative Disorders; Prion disease	1416134_at, 1435857_s_at	Aplp1	amyloid beta (A4) precursor-like protein 1	NM_007467, A1848048	R
	Parkinson's disease	1452357_at	Sept5	septin 5	AF033350	R
	Amyotrophic lateral sclerosis (ALS); Huntington's disease	1438808_at	Trp53	transformation related protein 53	BB450072	P
	Huntington's disease	1454626_at	Cltc	clathrin, heavy polypeptide (Hc)	BM211219	P
	Parkinson's disease	1448116_at	Ube1x	ubiquitin-activating enzyme E1, Chr X	NM_009457	P

^a Movement into the RNP pool (R) or polysome pool (P)