

Supplementary Table 2: Results of microarray gene expression analysis. The numbers indicate the fold changes in gene expression between the GFRA1+ vs GFRA1- cells at each of the age groups. The numbers are the mean value of the two experiments using independently isolated RNA. No value indicates absence of expression.

Probeset ID	Gene Title	Gene Symbol	Fold Changes (GFRA1+ vs GFRA1-)			
			8mo	60d	21d	6d
1445701_at	ATPase, Ca++ transporting, plasma membrane 4	Atp2b4	33.9			
1430223_at	RIKEN cDNA 4930442P07 gene	4930442P07Rik	33.3			
1446759_at	Lin-52 homolog (C. elegans)	Lin52	31.5			
1456993_at	DNA segment, Chr 2, ERATO Doi 640, expressed	D2Erttd640e	26.1			
1438009_at	histone cluster 1, H2ac	Hist1h2ac	24.2			
1442903_at	RIKEN cDNA 4732423E21 gene	4732423E21Rik	23.9	2.4	6.7	
1430904_at	ADP-ribosylation factor GTPase activating protein 3	Arfgap3	23.4			
1443088_at	RIKEN cDNA 9930031P18 gene	9930031P18Rik	23.4			
1457181_at	DNA segment, Chr 15, Wayne State University 75	D15Wsu75e	23.3			
1429526_at	bromodomain containing 8	Brd8	22.4			
1429870_at	TRAF2 and NCK interacting kinase	Tnik	21.9			
1459133_at	ER degradation enhancer, mannosidase alpha-like 3	Edem3	21.2			
1441381_at	RIKEN cDNA 9430029E18 gene	9430029E18Rik	20.7			
1432757_at	RIKEN cDNA 2900011L18 gene	2900011L18Rik	20.2			
1459326_at	DNA segment, Chr 9, ERATO Doi 256, expressed	D9Erttd256e	20.2			
1430043_at	tetratricopeptide repeat domain 19	Ttc19	18.1			
1446761_at	DNA segment, Chr 8, ERATO Doi 56, expressed	D8Erttd56e	17.7		4.4	
1438495_at	topoisomerase (DNA) I	Top1	17.5			
1458110_at	RIKEN cDNA D430030G11 gene	D430030G11Rik	17.5			
1439587_at	LEM domain containing 3	Lemd3	17.4			
1446443_at	RIKEN cDNA B230213L16 gene	B230213L16Rik	17.3			
1458156_at	RIKEN cDNA E230012J19 gene	E230012J19Rik	17.3			
1443909_at	Cleavage stimulation factor, 3' pre-RNA, subunit 3	Cstf3	17.0			
1457760_at	RIKEN cDNA A930004J17 gene	A930004J17Rik	16.9			
1445104_at	RIKEN cDNA E230029C05 gene	E230029C05Rik	16.8			
1438127_at	hypothetical LOC552906	LOC552906	16.8			
1459965_at	Dyslexia susceptibility 1 candidate 1 (human)	Dyx1c1	16.8			
1458469_at	Casitas B-lineage lymphoma b	Cblb	16.7			
1442945_at	RIKEN cDNA 2010109K09 gene	2010109K09Rik	16.3			
1439349_at	strawberry notch homolog 2 (Drosophila)	Sbno2	16.3	2.1	4.0	
1441030_at	retinoic acid induced 14	Rai14	16.0			
1442586_at	suppressor of cytokine signaling 2	Socs2	15.8			
1439582_at	Microtubule-actin crosslinking factor 1	Macf1	15.8			
1442845_at	RIKEN cDNA C130075A20 gene	C130075A20Rik	15.7			
1443535_at	RAB GTPase activating protein 1	Rabgap1	15.4			
1432758_at	RIKEN cDNA 2900011L18 gene	2900011L18Rik	15.2			
1436898_at	splicing factor proline/glutamine rich	Sfpq	15.2			
1432741_at	RIKEN cDNA 9530071P10 gene	9530071P10Rik	14.4			
1456964_at	RNA binding motif protein 12	Rbm12	14.3			
1458161_at	KCNQ1 overlapping transcript 1	Kcnq1ot1	14.1			
1428833_at	RIKEN cDNA 4930406D14 gene	4930406D14Rik	14.1			
1440609_at	mitogen-activated protein kinase 4	Map4k4	14.0			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1440609_at	mitogen-activated protein kinase 4	Map4k4	14.0			
1444373_at	T-cell lymphoma invasion and metastasis 1	Tiam1	13.9			
1439520_at	denticleless homolog (Drosophila)	Dtl	13.9			
1460261_at	discs, large homolog 4 (Drosophila)	Dlg4	13.8			
1447526_at	DNA segment, Chr 5, ERATO Doi 255, expressed	D5Erd255e	13.8			
1449370_at	SRY-box containing gene 4	Sox4	13.8			
1441145_at	PHD finger protein 21A	Phf21a	13.7			
1430089_at	RIKEN cDNA 5830469G19 gene	5830469G19Rik	13.6			
1456526_at	RIKEN cDNA C130034I24 gene	C130034I24Rik	13.6			
1430566_at	RIKEN cDNA 4733401A01 gene	4733401A01Rik	13.5			
1441465_at	CCR4-NOT transcription complex, subunit 3	Cnot3	13.4			
1442111_at	RIKEN cDNA D430033H22 gene	D430033H22Rik	13.4			
1424475_at	calcium/calmodulin-dependent protein kinase 2, beta	Camkk2	13.4			
1446363_at	predicted gene, ENSMUSG00000055419	ENSMUSG00000055419	13.3			
1457062_at	RIKEN cDNA 1700081L11 gene	1700081L11Rik	13.1			
1458128_at	RIKEN cDNA 1110028C15 gene	1110028C15Rik	12.9			
1437704_at	RIKEN cDNA 2900024O10 gene	2900024O10Rik	12.8			
1458768_at	expressed sequence C79946	C79946	12.8			
1440307_at	general transcription factor IIIC, polypeptide 2, beta	Gtf3c2	12.8			
1441630_at	E1A binding protein p400	Ep400	12.7			
1444482_at	RIKEN cDNA A130078K24 gene	A130078K24Rik	12.7			
1429900_at	RIKEN cDNA 5330406M23 gene	5330406M23Rik	12.7		14.7	
1444321_at	Proteasome 26S subunit, non-ATPase, 9	Psm9	12.7			
1444321_at	Proteasome 26S subunit, non-ATPase, 9	Psm9	12.7			
1441840_x_at	Strawberry notch homolog 2 (Drosophila)	Sbno2	12.6			
1443252_at	ring finger protein 144B	Rnf144b	12.6			
1446117_at	spire homolog 1 (Drosophila)	Spire1	12.6			
1446750_at	imprinted and ancient	Impact	12.4			
1446509_at	spermine oxidase	Smox	12.4			
1458553_at	plasminogen activator, tissue	Plat	12.4			
1440083_at	RIKEN cDNA A430061O12 gene	A430061O12Rik	12.3			
1429810_at	RIKEN cDNA 4921505C17 gene	4921505C17Rik	12.3			
1430042_at	RIKEN cDNA A930012M21 gene	A930012M21Rik	12.3			
1441319_at	RNA binding motif protein 5	Rbm5	12.2			
1442107_at	filamin, beta	Flnb	12.2			
1453322_at	WD repeat domain 33	Wdr33	12.1			
1438443_at	zinc finger and BTB domain containing 20	Zbtb20	12.1			
1442018_at	expressed sequence AI426953	AI426953	12.0			
1453507_at	methyl-CpG binding domain protein 5	Mbd5	11.9			
1440604_at	Riken cDNA 8030494B02 gene	8030494B02Rik	11.9			
1430357_at	H3 histone, family 3B	H3f3b	11.9			
1459353_at	potassium channel tetramerisation domain 3	Kctd3	11.8			
1450971_at	growth arrest and DNA-damage-inducible 45 beta	Gadd45b	11.8			
1447670_at	proteasome 26S subunit, non-ATPase, 9	Psm9	11.8			
1447670_at	proteasome26S subunit, non-ATPase, 9	Psm9	11.8			
1439081_at	meningioma expressed antigen 5 (hyaluronidase)	Mgea5	11.7			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1439687_at	RAB14, member RAS oncogene family	Rab14	11.7			
1442528_at	exportin 4	Xpo4	11.6			
1433005_at	RIKEN cDNA 4833446E11 gene	4833446E11Rik	11.6			
1443159_at	RIKEN cDNA 9130221J17 gene	9130221J17Rik	11.3			
1458665_at	Chloride intracellular channel 1	Clic1	11.3			
1446185_at	FK506 binding protein	Frap1	11.3			
1433369_at	RIKEN cDNA 8430401P03 gene	8430401P03Rik	11.2			
1456350_at	zinc finger protein 451	Zfp451	11.2			
1430448_at	RIKEN cDNA 6720418B01 gene	6720418B01Rik	11.2			
1457264_at	PHD finger protein 20-like 1	Phf20I1	11.2			
1443188_at	ubiquitin-conjugating enzyme E2W (putative)	Ube2w	11.1			
1430033_at	RIKEN cDNA 5330431K02 gene	5330431K02Rik	11.1			
1430458_at	suppressor of Ty 6 homolog (S. cerevisiae)	Supt6h	11.1			
1457488_at	RIKEN cDNA B230339M05 gene	B230339M05Rik	11.1			
1439800_at	CAP-GLY domain containing linker protein 1	Clip1	11.0			
1457111_at	expressed sequence AA415038	AA415038	11.0			
1457806_at	RIKEN cDNA B830028B13 gene	B830028B13Rik	10.9			
1457243_at	RIKEN cDNA 1110032O16 gene	1110032O16Rik	10.9			
1448605_at	ras homolog gene family, member C	Rhoc	10.8			
1441033_at	transmembrane and tetratricopeptide repeat containing 2	Tmtc2	10.8			
1458524_at	fibronectin type III domain containing 3a	Fndc3a	10.8			
1442416_at	hypothetical protein D930001B02	D930001B02	10.8			
1443000_at	DNA segment, Chr 3, ERATO Doi 300, expressed	D3Erttd300e	10.7			
1445340_at	MYC binding protein 2	Mycbp2	10.7			
1441445_at	period homolog 3 (Drosophila)	Per3	10.6			
1443415_at	RIKEN cDNA 4931432P07 gene	4931432P07Rik	10.6			
1429469_at	RIKEN cDNA A930013F10 gene	A930013F10Rik	10.6			
1437638_at	serine/arginine repetitive matrix 2	Srrm2	10.5			
1437001_at	glycogen synthase kinase 3 beta	Gsk3b	10.5			
1457947_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 49	Ddx49	10.5			
1441992_at	RAB14, member RAS oncogene family	Rab14	10.5			
1430180_at	mitogen-activated protein kinase kinase 5	Map2k5	10.5			
1433203_at	RIKEN cDNA 6030400A10 gene	6030400A10Rik	10.3	2.2	5.3	
1454213_at	armadillo repeat containing 9	Armc9	10.3			
1445363_at	RIKEN cDNA 2810055G20 gene	2810055G20Rik	10.3			
1446643_at	RIKEN cDNA 5330409N07 gene	5330409N07Rik	10.2			
1440346_at	Jumonji domain containing 3	Jmjd3	10.2			
1440764_at	v-raf murine sarcoma 3611 viral oncogene homolog	Araf	10.2			
1446288_at	expressed sequence C78692	C78692	10.1			
1459209_at	Ring finger protein 10	Rnf10	10.0			
1438674_a_at	splicing factor, arginine/serine-rich 8	Sfrs8	10.0			
1454536_at	transmembrane protein 30C	Tmem30c	10.0			
1447184_at	expressed sequence AU021760	AU021760	10.0			
1435561_at	Ets2 repressor factor	Erf	10.0			
1458969_at	expressed sequence AU019559	AU019559	10.0			
1438060_at	neuronal PAS domain protein 3	Npas3	9.9			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1420164_at	DNA segment, Chr 7, ERATO Doi 183, expressed	D7Ertd183e	9.9			
1439544_at	TBC1 domain family, member 5	Tbc1d5	9.9			
1445068_at	mucosa associated lymphoma translocation 1	Malt1	9.9			
1449755_at	DNA segment, Chr 7, ERATO Doi 183, expressed	D7Ertd183e	9.9			
1443772_at	DAZ interacting protein 1	Dzip1	9.8			
1438129_at	WD repeat and SOCS box-containing 2	Wsb2	9.8			
1429963_at	mitogen-activated protein kinase 6	Mapk6	9.7			
1425673_at	LIM domain containing preferred translocation partner	Lpp	9.7			
1424474_a_at	calcium/calmodulin-dependent protein kinase kinase 2	Camkk2	9.7			
1443184_at	CDC14 cell division cycle 14 homolog A (S. cerevisiae)	Cdc14a /// LOC100047731	9.6			
1454030_at	SAPS domain family, member 3	Saps3	9.6			
1457064_at	RIKEN cDNA D030002E05 gene	D030002E05Rik	9.6			
1456689_at	Ring finger protein 10	Rnf10	9.6			
1448868_at	SCAN domain-containing 1	Scand1	9.4			
1438460_at	zinc finger, MYM-type 4	Zmym4	9.4			
1430622_at	RIKEN cDNA 4833423F13 gene	4833423F13Rik	9.4			
1433598_at	arginine and glutamate rich 1	Arglu1	9.4			
1433198_at	RIKEN cDNA 4930445B03 gene	4930445B03Rik	9.3			
1444706_at	Mus musculus, clone IMAGE:6441811, mRNA	---	9.3			
1456105_at	ring finger and CCCH-type zinc finger domains 2	Rc3h2	9.3			
1453311_at	RIKEN cDNA 2310008B10 gene	2310008B10Rik	9.2			
1459961_a_at	Signal transducer and activator of transcription 3	Stat3	9.2			
1431248_at	RIKEN cDNA 5031426D15 gene	5031426D15Rik	9.1			
1438516_at	Rap1 interacting factor 1 homolog (yeast)	Rif1	9.1			
1452498_at	Mus musculus, clone IMAGE:3595120, mRNA	---	9.1			
1456972_at	expressed sequence C80256	C80256	9.0			
1422125_at	5-hydroxytryptamine (serotonin) receptor 2B	Htr2b	9.0			
1453740_a_at	cyclin L2	Ccnl2	9.0			
1433757_a_at	nischarin	Nisch	9.0			
1440751_at	E1A binding protein p400	Ep400	8.9			
1436767_at	LUC7-like 2 (S. cerevisiae)	Luc7l2	8.9			
1434759_at	leucine rich repeat transmembrane neuronal 3	Lrrtm3	8.9			
1437789_at	baculoviral IAP repeat-containing 6	Birc6	8.9			
1444814_at	DNA segment, Chr 15, ERATO Doi 180, expressed	D15Ertd180e	8.8			
1442511_at	importin 7	Ipo7	8.8			
1424922_a_at	bromodomain containing 4	Brd4	8.8			
1454286_at	RIKEN cDNA 1110004M10 gene	1110004M10Rik	8.7			
1438828_at	Rap guanine nucleotide exchange factor (GEF) 6	Rapgef6	8.7			
1444330_at	DNA segment, Chr 2, ERATO Doi 173, expressed	D2Ertd173e	8.7			
1443426_at	SAFB-like, transcription modulator	Sltm	8.7			
1441196_at	RIKEN cDNA C230076A16 gene	C230076A16Rik	8.7			
1447415_at	B double prime 1, subunit of RNA polymerase III	Bdp1	8.7			
1447415_at	B double prime 1, subunit of RNA polymerase III	Bdp1	8.7			
1457294_at	Transmembrane and tetratricopeptide repeat containing 3	Tmtc3	8.6			
1437543_at	far upstream element (FUSE) binding protein 1	Fubp1	8.6			
1432627_at	RIKEN cDNA 5730507A11 gene	5730507A11Rik	8.6			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1456429_at	mucosa associated lymphoma translocation gene 1	Malt1	8.6			
1425223_at	baculoviral IAP repeat-containing 3	Birc3	8.6			
1430103_at	RIKEN cDNA 9030607L20 gene	9030607L20Rik	8.5			
1438831_at	Cdc2-related kinase, arginine/serine-rich	Crks	8.5			
1432626_at	RIKEN cDNA 5730507A11 gene	5730507A11Rik	8.4			
1433366_at	RIKEN cDNA 6030458A19 gene	6030458A19Rik	8.4			
1443747_at	DNA segment, Chr 3, ERATO Doi 300, expressed	D3Erdt300e	8.4			
1429487_at	protein phosphatase 1, regulatory (inhibitor) subunit 12A	Ppp1r12a	8.4			
1439933_at	RIKEN cDNA B430316J06 gene	B430316J06Rik	8.4			
1441185_at	Musashi homolog 2 (Drosophila)	Msi2	8.3			
1437074_at	sorting nexin 5	Snx5	8.3			
1458996_at	integrin alpha 5 (fibronectin receptor alpha)	Itga5	8.3			
1457565_at	ATPase family, AAA domain containing 5	Atad5	8.3			
1457268_at	DOT1-like, histone H3 methyltransferase (S. cerevisiae)	Dot1l	8.2			
1460016_at	transmembrane protein 164	Tmem164	8.2			
1442094_at	inhibitor of growth family, member 5	Ing5	8.1			
1439139_at	DNA segment, Chr 2, ERATO Doi 640, expressed	D2Erdt640e	7.9			
1456871_a_at	PHD finger protein 20-like 1	Phf20l1	7.9			
1443719_x_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 42	Ddx42	7.9			
1459283_at	RIKEN cDNA 6430510B20 gene	6430510B20Rik	7.9			
1430661_at	myosin, light polypeptide 6B	Myl6b	7.9			
1439306_at	Small optic lobes homolog (Drosophila)	Solh	7.9			
1439989_at	tuberous sclerosis 1	Tsc1	7.9			
1449610_at	E1A binding protein p400	Ep400	7.8			
1452741_s_at	glycerol phosphate dehydrogenase 2, mitochondrial	Gpd2	7.8			
1453599_at	tripartite motif-containing 71	Trim71	7.8			
1444675_at	expressed sequence AL023051	AL023051	7.8			
1427285_s_at	metastasis associated lung adenocarcinoma transcript 1	Malat1	7.8			
1445280_at	adaptor-related protein complex 3, delta 1 subunit	Ap3d1	7.8			
1430862_at	RIKEN cDNA 2310057M21 gene	2310057M21Rik	7.7			
1444184_at	alkB, alkylation repair homolog 3 (E. coli)	Alkbh3	7.7			
1455548_at	discs, large homolog-associated protein 4 (Drosophila)	Dlgap4	7.7			
1447483_s_at	Small nucleolar RNA host gene (non-protein coding) 7	Snhg7	7.7			
1435589_at	coiled-coil domain containing 85B	Ccdc85b	7.6			
1440998_at	RIKEN cDNA 2310021P13 gene	2310021P13Rik	7.6			
1441190_at	actin related protein 2/3 complex, subunit 5-like	Arpc5l	7.6			
1457801_at	RIKEN cDNA 9930024M15 gene	9930024M15Rik	7.6			
1439201_at	ubiquitin specific peptidase 14	Usp14	7.6			
1457492_at	Triple functional domain (PTPRF interacting)	Trio	7.6			
1435152_at	leukocyte receptor cluster (LRC) member 8	Leng8	7.6			
1440566_at	RIKEN cDNA D330005C11 gene	D330005C11Rik	7.6			
1437020_at	E1A binding protein p400	Ep400	7.6			
1434974_at	pyruvate dehydrogenase kinase, isoenzyme 1	Pdk1	7.5			
1457742_at	DNA, Chr 9, Wayne State University 74, expressed	D9Wsu74e	7.5			
1445660_at	Transmembrane protein 209	Tmem209	7.5			
1453741_x_at	angel homolog 2 (Drosophila)	Angel2	7.5			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1439082_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50	Ddx50	7.5			
1436216_s_at	RIKEN cDNA 2610204M08 gene	2610204M08Rik	7.4			
1455831_at	fusion, derived from t(12;16) malignant liposarcoma (human)	Fus	7.4			
1440781_at	RIKEN cDNA B830007D08 gene	B830007D08Rik	7.4	2.4	7.9	
1442061_at	BTB (POZ) domain containing 7	Btbd7	7.4			
1430575_a_at	tripeptidyl peptidase II	Tpp2	7.4			
1430077_at	splicing factor, arginine/serine-rich 11	Sfrs11	7.3			
1439330_at	RIKEN cDNA D230040J21 gene	D230040J21Rik	7.3			
1456072_at	protein phosphatase 1, regulatory (inhibitor) subunit 9A	Ppp1r9a	7.3			
1445863_at	Von Willebrand factor A domain containing 3A	Vwa3a	7.3			
1439656_at	Platelet-activating factor acetylhydrolase, isoform 1b	Pafah1b1	7.3			
1453582_at	choline kinase alpha	Chka	7.3			
1441068_at	RIKEN cDNA A130001G05 gene	A130001G05Rik	7.3			
1440038_at	RIKEN cDNA B430007K19 gene	B430007K19Rik	7.2			
1433351_at	RIKEN cDNA 4933412L11 gene	4933412L11Rik	7.2			
1457357_at	tousled-like kinase 2 (Arabidopsis)	Tlk2	7.2			
1431372_at	serine/arginine-rich protein specific kinase 2	Srpk2	7.2			
1430075_at	Splicing factor 3b, subunit 3	Sf3b3	7.2			
1453171_s_at	protein phosphatase 1A	Ppm1a	7.2			
1440797_at	Dlx6 opposite strand transcript 2	Dlx6os2	7.2			
1448346_at	cofilin 1, non-muscle	Cfl1	7.2			
1424345_s_at	ubiquitin-conjugating enzyme E2M	Ube2m	7.1			
1440805_at	Bromodomain adjacent to zinc finger domain, 1B	Baz1b	7.1			
1444583_at	nuclear autoantigenic sperm protein (histone-binding)	Nasp	7.1			
1444306_at	Musashi homolog 1(Drosophila)	Msi1	7.1			
1440789_at	neogenin	Neo1	7.1			
1442271_at	Cytoskeleton associated protein 5	Ckap5	7.1			
1440032_at	RIKEN cDNA E130008O17 gene	E130008O17Rik	7.1			
1456121_at	centrosomal protein 97	Cep97	7.1			
1458017_at	PHD finger protein 20	Phf20	7.1			
1444992_at	expressed sequence AI120166	AI120166	7.0			
1455616_at	expressed sequence AI586002	AI586002	7.0			
1457588_at	expressed sequence C76213	C76213	7.0			
1430019_a_at	heterogeneous nuclear ribonucleoprotein A1	Hnrnpa1 /// LOC654467	7.0			
1444507_at	ubiquitin specific peptidase 53	Usp53	7.0			
1440317_at	RIKEN cDNA C130068B02 gene	C130068B02Rik	6.9			
1437206_at	SET domain containing 5	Setd5	6.9			
1433063_at	WD repeat domain 66	Wdr66	6.9			
1430317_at	ubiquitin-conjugating enzyme E2, J2 homolog (yeast)	Ube2j2	6.8			
1437776_at	transmembrane and coiled coil domains 1	Tmcc1	6.8			
1457823_at	cysteine rich protein 61	Cyr61	6.8			
1437919_at	B double prime 1, subunit of RNA polymerase III	Bdp1	6.8			
1437919_at	B double prime 1, subunit of RNA polymerase III	Bdp1	6.8			
1445897_s_at	interferon-induced protein 35	Ifi35	6.8			
1455936_a_at	RNA binding protein gene with multiple splicing	Rbpms	6.8			
1453753_at	denticleless homolog (Drosophila)	Dtl	6.7			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1456927_at	microtubule associated serine/threonine kinase 2	Mast2	6.7			
1417640_at	CD79B antigen	Cd79b	6.7			
1440573_at	hypothetical protein LOC100040086	LOC100040086	6.7			
1416326_at	cysteine-rich protein 1 (intestinal)	Crip1	6.7			
1435041_at	myosin, light polypeptide 6	EG433297 ///Myl6	6.7			
1433414_at	RIKEN cDNA 9530086P17 gene	9530086P17Rik	6.7			
1441348_at	zinc finger protein 422, related sequence 1	Zfp422-rs1	6.7			
1436536_at	exocyst complex component 3-like	Exoc3l	6.7			
1418189_s_at	metastasis associated lung adenocarcinoma transcript 1	Malat1	6.7			
1440854_at	RIKEN cDNA 2810403A07 gene	2810403A07Rik	6.6			
1441352_at	RIKEN cDNA 9430034N14 gene	9430034N14Rik	6.6			
1445914_at	Nuclear respiratory factor 1	Nrf1	6.6			
1458220_at	deleted in liver cancer 1	Dlc1	6.6			
1440081_at	Centrosomal protein 192	Cep192	6.6			
1430298_at	RIKEN cDNA 4930473A06 gene	4930473A06Rik	6.6			
1454182_at	RIKEN cDNA 5430417C01 gene	5430417C01Rik	6.6			
1442235_at	Pleiomorphic adenoma gene-like 2	Plagl2	6.6			
1458452_at	Ankyrin repeat domain 11	Ankrd11	6.6			
1443625_at	N-acetyltransferase 11	Nat11	6.6			
1429593_at	solute carrier family 38, member 2	Slc38a2	6.5			
1457755_at	guanine nucleotide binding protein (G protein), gamma 8	Gng8	6.5			
1431088_at	forkhead box P4	Foxp4	6.5			
1458033_at	Ubiquitin protein ligase E3 component n-recognin 1	Ubr1	6.5			
1420653_at	transforming growth factor, beta 1	Tgfb1	6.5			
1446147_at	RNA binding motif protein 39	Rbm39	6.5			
1444295_at	neogenin	Neo1	6.5			
1443586_at	FIP1 like 1 (S. cerevisiae)	Fip111	6.5			
1457455_at	suppressor of hairy wing homolog 4 (Drosophila)	Suhw4	6.4			
1442594_at	Ttk protein kinase	Ttk	6.4			
1444021_at	sequestosome 1	Sqstm1	6.4			
1427196_at	cyclin N-terminal domain containing 1	Cntd1 /// Wnk4	6.4			
1426118_a_at	translocase of outer mitochondrial membrane 40 homolog (yeast)	Tomm40	6.4			
1439922_at	proline-rich coiled-coil 1	Prrc1	6.4			
1445260_at	DCUN1D1 DCN1, domain containing 1 (S. cerevisiae)	Dcun1d1	6.3			
1457198_at	neuropilin 1	Nrp1	6.3			
1442499_at	carnitine deficiency-associated gene expressed in ventricle 3	Cdv3	6.3			
1437322_at	RNA binding motif protein 4	Rbm4	6.3			
1439679_at	chaperonin subunit 3 (gamma)	Cct3	6.3			
1448050_s_at	mitogen-activated protein kinase kinase kinase 4	Map4k4	6.3			
1450674_at	cyclin-dependent kinase 5	Cdk5	6.3			
1453687_at	solute carrier family 4 (anion exchanger), member 3	Slc4a3	6.3			
1419255_at	spectrin beta 2	Spnb2	6.3			
1425513_at	mitogen-activated protein kinase kinase 7	Map2k7	6.3			
1437576_at	RIKEN cDNA 2810427A07 gene	2810427A07Rik	6.2			
1431485_at	RIKEN cDNA 4833447I15 gene	4833447I15Rik	6.2			
1442744_at	RNA binding motif protein 39	Rbm39	6.2			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1449916_at	pre-B-cell leukemia homeobox 4	Pbx4	6.2			
1429951_at	single-stranded DNA binding protein 2	Ssbp2	6.1			
1425909_at	predicted gene, ENSMUSG00000042973	ENSMUSG00000042973	6.1			
1445147_at	proteasome (prosome, macropain) activator subunit 4	Psmc4	6.1			
1453681_at	ATPase inhibitory factor 1	Atpif1	6.1			
1419814_s_at	S100 calcium binding protein A1	S100a1	6.1			
1448341_a_at	syntaxin binding protein 2	Stxbp2	6.1			
1443702_at	microtubule-associated protein 4	Mtap4	6.0			
1433070_at	RIKEN cDNA 5830433M15 gene	5830433M15Rik	6.0			
1431847_at	RIKEN cDNA 5330439K02 gene	5330439K02Rik	6.0			
1456136_at	Kinesin family member C1	Kifc1	6.0			
1425912_at	centrosomal protein 164	Cep164	6.0			
1442340_x_at	cysteine rich protein 61	Cyr61	6.0			
1439674_at	solute carrier family 4 (anion exchanger), member 8	Slc4a8	5.9			
1442155_at	RIKEN cDNA 4632427E13 gene	4632427E13Rik	5.9			
1444764_at	RIKEN cDNA A130022J21 gene	A130022J21Rik	5.9			
1442200_at	RIKEN cDNA 1810063B07 gene	1810063B07Rik	5.9			
1445861_at	Ubiquitin specific peptidase 25	Usp25	5.9			
1437048_x_at	syntaxin binding protein 2	Stxbp2	5.9			
1453840_at	poly A binding protein, cytoplasmic 1	Pabpc1	5.9			
1418691_at	regulator of G-protein signaling 9	Rgs9	5.9			
1453583_at	zinc finger, ZZ-type with EF hand domain 1	Zzef1	5.9			
1418745_at	osteomodulin	Omd	5.8			
1440302_at	solute carrier family 25	Slc25a3	5.8			
1444857_at	expressed sequence C87312	C87312	5.8			
1441977_at	RIKEN cDNA 9630023C09 gene	9630023C09Rik	5.8			
1450573_at	anti-Mullerian hormone	Amh	5.8			
1456706_at	RIKEN cDNA 4833441D16 gene	4833441D16Rik	5.8			
1424174_at	Sh3kbp1 binding protein 1	Shkbp1	5.8			
1446148_x_at	RNA binding motif protein 39	Rbm39	5.8			
1454578_at	RIKEN cDNA 6030458A19 gene	6030458A19Rik	5.8			
1444651_at	hypothetical LOC553089	LOC553089	5.8			
1441480_at	predicted gene, ENSMUSG00000073237	ENSMUSG00000073237	5.8			
1436268_at	dendrin	Ddn	5.8			
1442943_at	Ubiquitin specific peptidase 20	Usp20	5.8			
1440002_at	RNA (guanine-7-) methyltransferase	Rnmt	5.8			
1432830_at	coiled-coil domain containing 138	Ccdc138	5.8			
1432266_at	enhancer trap locus 4	Etl4	5.8			
1457781_at	KCNQ1 overlapping transcript 1	Kcnq1ot1	5.8			
1426807_at	Leukotriene A4 hydrolase	Lta4h	5.8			
1424496_at	RIKEN cDNA 5133401N09 gene	5133401N09Rik	5.7			
1425964_x_at	heat shock protein 1	Hspb1	5.7			
1441528_at	tetratricopeptide repeat domain 15	Ttc15	5.7			
1439033_at	zinc finger, CCHC domain containing 7	Zcchc7	5.7			
1430059_at	WD repeat domain 40A	Wdr40a	5.7			
1446618_at	hypothetical gene supported by AK038224	LOC432971	5.7			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1442667_at	cell division cycle 40 homolog (yeast)	Cdc40	5.7			
1445003_at	phenylalanyl-tRNA synthetase, alpha subunit	Farsa	5.7			
1439094_at	clathrin, heavy polypeptide (Hc)	Cltc	5.7			
1440986_at	RNA polymerase II associated protein 1	Rpap1	5.7			
1458814_at	expressed sequence AU022855	AU022855	5.7			
1429996_at	RIKEN cDNA 6330417A16 gene	6330417A16Rik	5.7			
1429283_at	CDGSH iron sulfur domain 2	Cisd2	5.6			
1446268_at	Pleckstrin homology, Sec7 and coiled-coil domains 3	Pscd3	5.6			
1423267_s_at	integrin alpha 5 (fibronectin receptor alpha)	Itga5	5.6			2.1
1445151_at	Metal response element binding transcription factor 2	Mtf2	5.6			
1424986_s_at	F-box and WD-40 domain protein 7	Fbxw7	5.6			
1460672_at	RIKEN cDNA 2410002F23 gene	2410002F23Rik	5.5			
1444417_at	RIKEN cDNA 9330101J02 gene	9330101J02Rik	5.5			
1438663_at	BAT2 domain containing 1	Bat2d	5.5			
1430920_at	tRNA methyltransferase 11 homolog (S. cerevisiae)	Trmt11	5.5			
1457003_at	glutamate receptor, ionotropic, NMDA2B (epsilon 2)	Grin2b	5.5			
1457458_at	zinc finger CCCH-type containing 4	Zc3h4	5.5			
1458423_at	LUC7-like 2 (S. cerevisiae)	Luc7l2	5.5			
1429477_at	non-SMC condensin II complex, subunit H2	Ncaph2	5.5			
1446433_at	acyl-Coenzyme A binding domain containing 5	Acbd5	5.5			
1434752_at	zinc finger protein 207	Zfp207	5.5			
1420289_at	expressed sequence T25656	T25656	5.5			
1429782_at	gene rich cluster, C10 gene	Grccl0	5.4			
1438294_at	ataxin 1	Atxn1	5.4			
1417561_at	apolipoprotein C-I	Apoc1	5.4			
1431708_a_at	cytotoxic granule-associated RNA binding protein 1	Tia1	5.4			
1443592_at	expressed sequence AA617406	AA617406	5.4			
1443619_at	transmembrane protein 30A	Tmem30a	5.4			
1432184_a_at	RIKEN cDNA 2610204M08 gene	2610204M08Rik	5.4			
1431212_a_at	tRNA methyltransferase 6 homolog (S. cerevisiae)	Trmt6	5.4			
1432775_at	RIKEN cDNA 9430087J23 gene	9430087J23Rik	5.4			
1442745_x_at	RNA binding motif protein 39	Rbm39	5.4			
1458276_x_at	citron	Cit	5.4			
1438208_at	TAO kinase 2	Taok2	5.4			
1436683_at	RIKEN cDNA 1700011M02 gene	1700011M02Rik	5.4			
1429902_at	RIKEN cDNA 5830443J22 gene	5830443J22Rik	5.4			
1442244_at	InaD-like (Drosophila)	Inadl	5.4			
1444942_at	helicase with zinc finger domain	Helz	5.3			
1441231_at	Hypothetical protein LOC100042016	LOC100042016	5.3			
1430127_a_at	cyclin D2	Ccnd2	5.3			
1440063_at	phenylalanyl-tRNA synthetase, alpha subunit	Farsa	5.3			
1441549_at	Phosphatidylinositol 4-kinase, catalytic, beta polypeptide	Pi4kb	5.3			
1451538_at	SRY-box containing gene 9	Sox9	5.3			
1428127_at	RIKEN cDNA 4921506J03 gene	4921506J03Rik	5.3			
1444225_at	SH3-domain GRB2-like (endophilin) interacting protein 1	Sgip1	5.3			
1449439_at	Kruppel-like factor 7 (ubiquitous)	Klf7	5.3			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1445141_at	Inhibitor of kappaB kinase beta	Ikbkb	5.3			
1431551_at	RIKEN cDNA 2610028D06 gene	2610028D06Rik	5.3			
1453371_at	RIKEN cDNA 4930535B03 gene	4930535B03Rik	5.3			
1458724_at	RIKEN cDNA E230008O15 gene	E230008O15Rik	5.3			
1439248_at	RMI1, RecQ mediated genome instability 1 (S. cerevisiae)	Rmi1	5.2			
1432558_a_at	myelin and lymphocyte protein	Mal	5.2			
1440392_at	A kinase (PRKA) anchor protein 13	Akap13	5.2			
1444183_at	RIKEN cDNA C030013C21 gene	C030013C21Rik	5.2			
1455125_at	centaurin, beta 1	Centb1	5.2			
1430020_x_at	heterogeneous nuclear ribonucleoprotein A1	Hnrnpa1	5.2			
1454009_at	RIKEN cDNA 1700008O03 gene	1700008O03Rik	5.2			
1457712_at	chromodomain helicase DNA binding protein 8	Chd8	5.2			
1453608_at	centrosome and spindle pole associated protein 1	Cspp1	5.2			
1431736_at	RIKEN cDNA 4933405D12 gene	4933405D12Rik	5.2			
1458305_at	Transmembrane and tetratricopeptide repeat containing 3	Tmtc3	5.2			
1457716_at	OTU domain containing 7B	Otud7b	5.1			
1448817_at	OTU domain, ubiquitin aldehyde binding 1	LOC100046081 /// Otub1	5.1			
1458409_at	expressed sequence C86595	C86595	5.1			
1456918_at	Ras association and pleckstrin homology domains 1	Raph1	5.1			
1418630_at	KH domain containing, RNA binding, signal transduction 1	Khdrbs1	5.1			
1431659_at	transmembrane protein 86B	Tmem86b	5.1			
1454537_at	RIKEN cDNA 4930556A12 gene	4930556A12Rik	5.1			
1432151_at	Obg-like ATPase 1	Ola1	5.1			
1459151_x_at	interferon-induced protein 35	Ifi35	5.1			
1441976_at	RIKEN cDNA 5430434G16 gene	5430434G16Rik	5.1			
1420950_at	zinc and ring finger 1	Znrf1	5.1			
1446118_at	DNA segment, Chr 17, ERATO Doi 165, expressed	D17Ertd165e	5.1			
1424893_at	nuclear distribution gene E-like homolog 1 (A. nidulans)	Ndel1	5.1			
1431281_at	dysferlin interacting protein 1	Dysfip1	5.1			
1418349_at	heparin-binding EGF-like growth factor	Hbegf	5.1			
1427853_a_at	heat shock protein 25, pseudogene 1	Hsp25-ps1	5.1			
1439240_x_at	lin-7 homolog B (C. elegans)	Lin7b	5.0	2.0	9.8	
1421786_at	protein phosphatase 3, regulatory subunit B, alpha isoform	Ppp3r1	5.0			
1443768_at	Ras homolog gene family, member A	Rhoa	5.0			
1457459_at	expressed sequence AU014973	AU014973	5.0			
1440943_at	RIKEN cDNA B230208H17 gene	B230208H17Rik	5.0			
1440268_at	tripartite motif-containing 41	Trim41	5.0			
1443125_at	thyroid hormone receptor interactor 12	Trip12	5.0			
1446847_at	coiled-coil domain containing 88C	Ccdc88c	5.0			
1424898_at	solute carrier family 10	Slc10a1	5.0			
1441100_at	mbt domain containing 1	Mbtd1	5.0			
1433420_at	RIKEN cDNA 4930527J03 gene	4930527J03Rik	5.0			
1433281_at	prune homolog (Drosophila)	Prune	5.0			
1441568_at	oxidative stress induced growth inhibitor family member 2	Osgin2	5.0			
1441956_s_at	Cut-like homeobox 1	Cux1	5.0			
1428005_at	MOCO sulphurase C-terminal domain containing 1	LOC100045982 /// Mosc1	5.0			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1442925_at	RIKEN cDNA 2610207I05 gene	2610207I05Rik	4.9			
1428820_at	microtubule-associated protein, RP/EB family, member 1	Mapre1	4.9			
1427854_x_at	heat shock protein 25, pseudogene 1	Hsp25-ps1	4.9			
1425887_at	RIKEN cDNA 4930511J11 gene	4930511J11Rik	4.9			
1417248_at	ralA binding protein 1	Ralbp1	4.9			
1441843_s_at	RIKEN cDNA 5230400M03 gene	5230400M03Rik	4.9			
1429009_at	U1 small nuclear ribonucleoprotein polypeptide A	Snrp70	4.9			
1432406_at	carboxylesterase 7	Ces7	4.9			
1447517_at	superkiller viralicidic activity 2-like 2 (S. cerevisiae)	Skiv2I2	4.9			
1437700_at	Schwannomin interacting protein 1	Schip1	4.9			
1432929_at	RIKEN cDNA 4930453O09 gene	4930453O09Rik	4.9			
1419185_a_at	MLX interacting protein-like	Mlxipl	4.8			
1428376_at	RIKEN cDNA 4932415G12 gene	4932415G12Rik	4.8			
1426287_at	ataxin 7	Atxn7	4.8			
1447213_at	Mus musculus, clone IMAGE:4925729, mRNA	---	4.8			
1445143_at	vasohibin 1	Vash1	4.8			
1428954_at	solute carrier family 9	Slc9a3r2	4.8			
1439352_at	tripartite motif-containing 7	Trim7	4.8			
1435394_s_at	ras homolog gene family, member C	Rhoc	4.8			
1430732_at	RIKEN cDNA 4921525D07 gene	4921525D07Rik	4.8			
1459332_at	itchy, E3 ubiquitin protein ligase	Itch	4.8			
1431140_at	thioesterase superfamily member 4	Them4	4.8			
1426729_at	RIKEN cDNA 2900046G09 gene	2900046G09Rik	4.8			
1449957_at	protein tyrosine phosphatase, receptor type, V	Ptprv	4.8			
1443947_at	LIM and senescent cell antigen-like domains 1	Lims1	4.8			
1436909_at	solute carrier family 25, member 44	Slc25a44	4.8			
1439111_at	TSC22 domain family, member 1	Tsc22d1	4.8			
1423515_at	sodium channel, voltage-gated, type VIII, alpha	Scn8a	4.8			
1438580_at	zinc finger, CCHC domain containing 7	Zcchc7	4.8			
1444670_at	RIKEN cDNA A130004G11 gene	A130004G11Rik	4.8			
1418144_a_at	phosphatidylinositol-4-phosphate 5-kinase, type 1 alpha	Pip5k1a	4.8			
1432006_at	adaptor protein complex AP-2, alpha 2 subunit	Ap2a2	4.8			
1416449_x_at	syntaxin binding protein 2	Stxbp2	4.8			
1431525_at	RIKEN cDNA 9130002K18 gene	9130002K18Rik	4.8			
1429657_at	zinc finger, AN1-type domain 5	Zfand5	4.7		2.8	
1434874_x_at	centaurin, beta 1	Centb1	4.7			
1432861_at	RIKEN cDNA 2900046F13 gene	2900046F13Rik	4.7			
1440658_at	AMME chromosomal region gene 1-like	Ammecr11	4.7			
1444796_at	expressed sequence C76876	C76876	4.7			
1433231_at	RIKEN cDNA 4933426I03 gene	4933426I03Rik	4.7			
1433574_at	cell division cycle 37 homolog (S. cerevisiae)-like 1	Cdc3711	4.7			
1437745_at	chromodomain helicase DNA binding protein 7	Chd7	4.7			
1456139_at	antisense Igf2r RNA	Air	4.7			
1439095_at	splicing factor, arginine/serine-rich 11	Sfrs11	4.7			
1429345_at	tubulin, gamma complex associated protein 4	Tubgcp4	4.7			
1454788_at	ADP-ribosylation factor-like 4C	Arl4c /// LOC632433	4.7			

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1425512_at	mitogen-activated protein kinase kinase 7	Map2k7	4.6			
1432631_at	proline-rich coiled-coil 1	Prrc1	4.6			
1420147_at	expressed sequence AA407331	AA407331	4.6			
1431528_at	RIKEN cDNA 5830427D02 gene	5830427D02Rik	4.6			
1447290_at	SYS1 Golgi integral membrane protein homolog (S. cerevisiae)	Sys1	4.6			
1416228_at	protein (peptidyl-prolyl cis/trans isomerase) NIMA-interacting 1	Pin1	4.6			
1416023_at	fatty acid binding protein 3, muscle and heart	Fabp3	4.6			
1450795_at	luteinizing hormone beta	Lhb	4.6			
1451853_at	fukutin	Fktn	4.6			
1453358_s_at	antagonist of mitotic exit network 1 homolog (S.cerevisiae)	5830467E07Rik /// Amn1	4.6			
1458942_at	RIKEN cDNA C230037E05 gene	C230037E05Rik	4.6			
1441507_at	spectrin beta 2	Spnb2	4.6			
1443154_at	hypothetical protein 6030438J01	6030438J01	4.6			
1457262_at	RIKEN cDNA 2610207I05 gene	2610207I05Rik	4.6			
1453788_at	Mus musculus, clone IMAGE:1329925, mRNA	---	4.6			
1429433_at	BAT2 domain containing 1	Bat2d	4.5			
1454440_at	RIKEN cDNA 4930421C12 gene	4930421C12Rik	4.5			
1441229_at	RIKEN cDNA D230019N24 gene	D230019N24Rik	4.5			
1439166_at	nucleolar protein 11	Nol11	4.5			
1421268_at	UDP-glucose ceramide glucosyltransferase	Ugcg	4.5			
1439328_at	nuclear factor of activated T-cells 5	Nfat5	4.5			
1442643_at	jumonji domain containing 3	Jmjd3	4.5			
1441462_at	dedicator of cytokinesis 4	Dock4	4.5			
1439058_at	splicing factor proline/glutamine rich	Sfpq	4.5			
1439128_at	zinc finger and BTB domain containing 20	Zbtb20	4.5			
1442494_at	expressed sequence C79242	C79242	4.5			
1418784_at	glutamate receptor, ionotropic, kainate 5 (gamma 2)	Grik5	4.5			
1437538_at	small nucleolar RNA host gene (non-protein coding) 7	Snhg7	4.5			
1426028_a_at	citron	Cit	4.5			
1458545_at	Transmembrane protein 57	Tmem57	4.5			
1439839_at	RIKEN cDNA D130051D11 gene	D130051D11Rik	4.5			
1446251_at	hypothetical protein 4930565A17	4930565A17	4.5			
1421346_a_at	solute carrier family 6	Slc6a6	4.4			
1439594_at	RIKEN cDNA D130062J10 gene	D130062J10Rik	4.4			
1426983_at	formin binding protein 1	Fnbp1	4.4			
1425857_at	F-box and WD-40 domain protein 9	Fbxw9	4.4			
1442541_at	Ornithine decarboxylase antizyme 2	Oaz2	4.4			
1457205_at	N-ethylmaleimide sensitive fusion protein	Nsf	4.4			
1427116_at	SET domain containing 1A	Setd1a	4.4			
1430318_at	spermidine/spermine N1-acetyl transferase 2	Sat2	4.4			
1429537_at	splicing factor, arginine/serine-rich 18	Sfrs18	4.4			
1432868_at	DAZ interacting protein 3, zinc finger	Dzip3	4.4			
1427749_at	UDP-N-acetyl-alpha-D-galactosamine	Galnt3	4.4			
1436967_at	ankyrin repeat domain 11	Ankr11	4.4			
1429315_at	synaptotagmin XI	Syt11	4.4			
1421255_a_at	calcium binding protein 1	Cabp1	4.4			

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1459099_at	transmembrane channel-like gene family 7	Tmc7	4.4			
1441799_at	RIKEN cDNA 6030422H21 gene	6030422H21Rik	4.3			
1440644_at	poly (ADP-ribose) polymerase family, member 6	Parp6	4.3			
1452849_at	transcriptional regulator, SIN3B (yeast)	Sin3b	4.3			
1420435_at	RIKEN cDNA 1700011A15 gene	1700011A15Rik	4.3			
1441571_at	RIKEN cDNA 2410089E03 gene	2410089E03Rik	4.3			
1440729_at	epidermal growth factor receptor pathway substrate 15	Eps15	4.3			
1431998_at	RIKEN cDNA 4930432L08 gene	4930432L08Rik	4.3			
1453135_at	fibronectin type III domain containing 5	Fndc5	4.3			
1441668_at	RIKEN cDNA E130107B13 gene	E130107B13Rik	4.3			
1441752_at	ADP-ribosyltransferase 3	Art3	4.3			
1435126_at	Dual specificity phosphatase-like 15	Dusp15	4.3			
1449018_at	profilin 1	Pfn1	4.3			
1445918_at	Transmembrane protein 2	Tmem2	4.3			
1442843_at	RIKEN cDNA 4933411D12 gene	4933411D12Rik	4.3			
1453976_at	RIKEN cDNA 4432414F05 gene	4432414F05Rik	4.3			
1449188_at	midnolin	Midn	4.3			
1419654_at	transducin-like enhancer of split 3, homolog of Drosophila E(spl)	Tle3	4.3			
1451132_at	pre-B-cell leukemia transcription factor interacting protein 1	LOC100046056 /// Pbxip1	4.3			
1422831_at	fibrillin 2	Fbn2	4.3			
1452416_at	interleukin 6 receptor, alpha	Il6ra	4.3			
1439293_at	cDNA sequence BC031353	BC031353	4.3			
1429658_a_at	structural maintenance of chromosomes 2	Smc2	4.3			
1458889_at	Ena-vasodilator stimulated phosphoprotein	Evl	4.2			
1458078_at	chromodomain helicase DNA binding protein 9	Chd9	4.2			
1439252_at	Inner centromere protein	Incenp	4.2			
1445091_at	ataxia telangiectasia and Rad3 related	Atr	4.2			
1424996_at	CASP8 and FADD-like apoptosis regulator	Cflar	4.2			2.1
1434873_a_at	centaurin, beta 1 /// similar to Centaurin, beta 1	Centb1 /// LOC100045877	4.2			
1429489_at	REX1, RNA exonuclease 1 homolog (S. cerevisiae)	Rexo1	4.2			
1452321_at	bromodomain and WD repeat domain containing 1	Brwd1	4.2			
1448660_at	Rho GDP dissociation inhibitor (GDI) gamma	Arhgdig	4.2			
1431960_at	WW domain-containing oxidoreductase	Wwox	4.2			
1453595_at	RIKEN cDNA 2900064B18 gene	2900064B18Rik	4.2			
1442057_at	expressed sequence AA986695	AA986695	4.2			
1457218_at	RIKEN cDNA 6430510M02 gene	6430510M02Rik	4.2			
1444565_at	expressed sequence BB166591	BB166591	4.2			
1437235_x_at	LIM domain containing preferred translocation partner in lipoma	Lpp	4.2			
1437180_at	RIKEN cDNA 6530403A03 gene	6530403A03Rik	4.2			
1457579_at	DNA segment, Chr 11, ERATO Doi 717, expressed	D11ErtD717e	4.2	2.4		
1440100_at	Coiled-coil domain containing 130	Ccdc130	4.2			
1444526_at	Signal sequence receptor, alpha	Ssr1	4.2			
1438559_x_at	solute carrier family 44, member 2	Slc44a2	4.1			
1430329_at	cingulin	Cgn	4.1			
1430188_at	RIKEN cDNA 1700037C18 gene	1700037C18Rik	4.1			
1417632_at	ATPase, H+ transporting, lysosomal V0 subunit A1	Atp6v0a1	4.1			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1442885_at	SREBF chaperone	Scap	4.1			
1435871_at	RIKEN cDNA 2600009P04 gene	2600009P04Rik	4.1			
1451612_at	metallothionein 1	Mt1	4.1			
1433147_at	caldesmon 1	Cald1	4.1			
1439696_at	nuclear receptor subfamily 2, group C, member 2	Nr2c2	4.1			
1422486_a_at	MAD homolog 4 (Drosophila)	LOC100048076 /// Smad4	4.1	4.1		3.1
1458431_at	eukaryotic translation initiation factor 4, gamma 2	Eif4g2	4.1			
1439972_at	ethanolamine kinase 1	Etnk1	4.1			
1441186_at	sal-like 3 (Drosophila)	Sall3	4.1			
1436788_at	acid phosphatase 2, lysosomal	Acp2	4.1			
1416834_x_at	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2	Ndufb2	4.1			
1429708_at	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex 11	Ndufa11	4.1			
1442316_x_at	transformation related protein 53 binding protein 1	Trp53bp1	4.1			
1439161_at	SAPS domain family, member 3	Saps3	4.1			
1437493_at	RIKEN cDNA 5230400M03 gene	5230400M03Rik	4.1			
1420881_at	nuclear receptor-binding SET-domain protein 1	Nsd1	4.1			
1448049_at	jumonji domain containing 1C	Jmjd1c	4.0			
1428083_at	RIKEN cDNA 2310043N10 gene	2310043N10Rik	4.0			
1417637_a_at	high mobility group 20 B	Hmg20b	4.0			
1441688_at	RIKEN cDNA 6430537I21 gene	6430537I21Rik	4.0			
1442330_at	Serine/arginine repetitive matrix 1	Srrm1	4.0			
1438928_x_at	ninjurin 1	Ninj1	4.0			
1419112_at	nemo like kinase /// similar to nemo-like kinase	LOC100044468 /// NIK	4.0			
1454035_at	RIKEN cDNA 3110009E22 gene	3110009E22Rik	4.0			
1416723_at	transcription factor 4	Tcf4	4.0			
1436026_at	zinc finger protein 703	Zfp703	4.0			
1457552_at	zinc finger protein 295	Zfp295	4.0			
1459329_at	tetratricopeptide repeat domain 7	Ttc7	4.0			
1438489_at	Survival motor neuron 1	Smn1	4.0			
1440120_at	G protein, beta polypeptide 2 like 1	Gnb2l1	3.9			
1439079_a_at	ErbB2 interacting protein	ErbB2ip	3.9			
1430056_at	RIKEN cDNA D130059P03 gene	D130059P03Rik	3.9			
1418011_a_at	SH3-domain GRB2-like B1 (endophilin)	Sh3glb1	3.9			
1430428_at	RIKEN cDNA 2310066F23 gene	2310066F23Rik	3.9			
1446635_at	DNA segment, Chr 13, ERATO Doi 476, expressed	D13Ert476e	3.9			
1416618_at	protoporphyrinogen oxidase	Ppox	3.9			
1422105_at	CD3 antigen, epsilon polypeptide	Cd3e	3.9			
1457429_s_at	gene model 106, (NCBI)	Gm106	3.9			
1457029_at	RIKEN cDNA C030010B13 gene	C030010B13Rik	3.9			
1417309_at	transducer of ERBB2, 2	Tob2	3.9			
1440290_at	predicted gene, ENSMUSG00000056771	ENSMUSG00000056771	3.9			
1442967_at	expressed sequence AU020147	AU020147	3.9			
1438687_at	lymphocyte transmembrane adaptor 1	Lax1	3.9			
1428216_s_at	translocase of outer mitochondrial membrane 7 homolog (yeast)	Tomm7	3.9			
1432974_at	RIKEN cDNA 4933421H12 gene	4933421H12Rik	3.9			
1460531_at	RIKEN cDNA 2900069M18 gene	2900069M18Rik	3.9			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1420935_a_at	serine/arginine repetitive matrix 1	Srrm1	3.9			
1457628_at	coiled-coil domain containing 53	Ccdc53	3.9			
1420493_a_at	phosphate cytidyltransferase 2, ethanolamine	Pcyt2	3.9			
1427283_at	myeloid/lymphoid or mixed-lineage leukemia 1	Mll1	3.9			
1423989_at	RIKEN cDNA 2210010N04 gene	2210010N04Rik	3.8			
1450958_at	transmembrane 4 superfamily member 1	Tm4sf1	3.8			
1440836_at	SET domain containing 1B	Setd1b	3.8			
1428403_at	RIKEN cDNA 2410025L10 gene	2410025L10Rik	3.8			
1441344_at	ER lipid raft associated 1	Erlin1	3.8			
1434760_at	leucine rich repeat transmembrane neuronal 3	Lrrtm3	3.8			
1425290_at	syntaxin 19	Stx19	3.8			
1427155_at	FCH and double SH3 domains 1	Fchsd1	3.8			
1449147_at	carbohydrate (keratan sulfate Gal-6) sulfotransferase 1	Chst1	3.8			
1441162_at	Rho-associated coiled-coil containing protein kinase 1	Rock1	3.8			
1427511_at	Mus musculus, clone IMAGE:3590001	---	3.8			
1429719_at	forkhead box P4	Foxp4	3.8			
1429407_at	peroxisomal biogenesis factor 11c	Pex11c	3.8			
1428955_x_at	solute carrier family 9	Slc9a3r2	3.8			
1431806_at	RIKEN cDNA 4931408D14 gene	4931408D14Rik	3.8			
1421374_a_at	FXYD domain-containing ion transport regulator 1	Fxyd1	3.8			
1446543_at	GCN1 general control of amino-acid synthesis 1-like 1 (yeast)	Gcn11	3.8			
1437571_at	hypermethylated in cancer 2	Hic2	3.8			
1432582_at	RIKEN cDNA 3110054G05 gene	3110054G05Rik	3.8			
1422028_a_at	E26 avian leukemia oncogene 1, 5' domain	Ets1	3.8			
1415728_at	poly(A) binding protein, nuclear 1	Pabpn1	3.8			
1426406_at	SET domain containing (lysine methyltransferase) 8	Setd8	3.7			
1453539_at	alkB, alkylation repair homolog 8 (E. coli)	Alkbh8	3.7			
1443862_at	Mbt domain containing 1	Mbt1	3.7			
1453706_at	RIKEN cDNA 2900042A17 gene	2900042A17Rik	3.7			
1453424_at	FYVE and coiled-coil domain containing 1	Fyco1	3.7			
1425822_a_at	deltex 1 homolog (Drosophila)	Dtx1	3.7			
1448471_a_at	cytotoxic T lymphocyte-associated protein 2 alpha	Ctla2a	3.7			
1458828_at	Expressed sequence AW146242	AW146242	3.7			
1420197_at	Growth arrest and DNA-damage-inducible 45 beta	Gadd45b	3.7			
1435458_at	proviral integration site 1	Pim1	3.7			
1434199_at	transmembrane protein 151B	Tmem151b	3.7			
1423072_at	RIKEN cDNA 6720475J19 gene	6720475J19Rik	3.7			
1432978_at	RIKEN cDNA 9030607L02 gene	9030607L02Rik	3.7			
1418490_at	serine dehydratase-like	Sdsl	3.7			
1434396_a_at	myosin, light polypeptide 6, alkali, predicted	EG667952 /// Myl6	3.7			
1433127_at	RIKEN cDNA 4930513L20 gene	4930513L20Rik	3.7			
1430272_at	GTP binding protein 5	Gtpbp5	3.7			
1459664_at	WD repeat domain 31	Wdr31	3.7			
1422184_a_at	adenylate kinase 1	Ak1	3.7			2.7
1456765_at	hypothetical protein 6430511F03	EG621083 /// RP23-448C18.	3.7			
1425172_at	rhodopsin	Rho	3.7			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1446788_at	RIKEN cDNA A430091L06 gene	A430091L06Rik	3.7			
1429053_at	RIKEN cDNA 1110012J17 gene	1110012J17Rik	3.7			
1440575_at	heat shock protein 4	Hspa4	3.7			
1433576_at	methionine adenosyltransferase II, alpha	Mat2a	3.7			
1420558_at	selectin, platelet	Selp	3.7			
1438672_at	parvin, beta	Parvb	3.7			
1446088_at	RIKEN cDNA 9430081I23 gene	9430081I23Rik	3.7			
1447631_at	MYST histone acetyltransferase 2	Myst2	3.6			
1460364_at	general transcription factor II I repeat domain-containing 1	Gtf2ird1	3.6			
1441763_at	zinc finger, DHHC domain containing 6	Zdhhc6	3.6			
1456256_at	eukaryotic translation initiation factor 5	Eif5	3.6			
1455564_at	breakpoint cluster region homolog	Bcr	3.6			
1439080_at	ErbB2 interacting protein	ErbB2ip	3.6			
1446941_at	expressed sequence C78505	C78505	3.6			
1459879_at	RIKEN cDNA 4921513D23 gene	4921513D23Rik	3.6			
1431284_a_at	spinster homolog 1 (Drosophila)	Spns1	3.6			
1455452_x_at	expressed sequence AI449310	AI449310	3.6			
1442171_at	PRP40 pre-mRNA processing factor 40 homolog A (yeast)	Prpf40a	3.6			
1460456_at	RIKEN cDNA 2010316F05 gene	2010316F05Rik	3.6			
1424329_a_at	proline-rich Gla (G-carboxyglutamic acid) polypeptide 2	Prrg2	3.6			
1444256_at	RAE1 RNA export 1 homolog (S. pombe)	Rae1	3.6			
1426069_s_at	solute carrier family 7 , member 4	Slc7a4	3.6			
1430037_at	sorting nexin family member 27	Snx27	3.6			
1459132_at	basonuclin 2	Bnc2	3.6			
1420500_at	DnaJ (Hsp40) homolog, subfamily C, member 1	Dnajc1	3.6			
1446575_at	expressed sequence C77583	C77583	3.6			
1427199_at	furry homolog-like (Drosophila)	Fryl	3.6			
1423947_at	RIKEN cDNA 1110008P14 gene	1110008P14Rik	3.6			
1424907_a_at	phenylalanyl-tRNA synthetase, alpha subunit	Farsa	3.6			
1445343_at	transmembrane emp24 protein transport domain containing 5	Tmed5	3.6			
1428860_at	RIKEN cDNA 4930572J05 gene	4930572J05Rik	3.6			
1417670_at	translocase of inner mitochondrial membrane 44	Timm44	3.6			
1420467_at	psoriasis susceptibility 1 candidate 2 (human)	Psors1c2	3.6			
1457293_at	zinc finger and BTB domain containing 4	Zbtb4	3.6			
1454667_at	sorting nexin 8	Snx8	3.6			
1416870_at	dynein, axonemal, light chain 4	Dnalc4	3.5			
1430807_at	kelch-like 22 (Drosophila)	Klhl22	3.5			
1448012_at	predicted gene, EG546524	EG546524	3.5			
1421356_at	testis expressed gene 9	Tex9	3.5			
1456202_at	leucine rich repeat and fibronectin type III, extracellular 2	Elfn2	3.5			
1453097_a_at	upstream binding transcription factor, RNA polymerase I	Ubf	3.5			
1419077_at	MAGUK p55 subfamily member 3	Mpp3	3.5			
1452406_x_at	erythroid differentiation regulator 1	Erdr1	3.5			
1423395_at	translin-associated factor X	LOC100039215 /// Tsnax	3.5			
1449832_at	RIKEN cDNA 1700091H14 gene	1700091H14Rik	3.5			
1451756_at	FMS-like tyrosine kinase 1	Flt1	3.5			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1419329_at	sorbin and SH3 domain containing 3	Sorbs3	3.5			
1432200_at	RIKEN cDNA C030044M21 gene	C030044M21Rik	3.5			
1456443_at	RIKEN cDNA 4930404N11 gene	4930404N11Rik	3.5			
1420588_at	serine protease inhibitor-like, with Kunitz and WAP domains 1	Spinlw1	3.5			
1419156_at	SRY-box containing gene 4	Sox4	3.5			
1439918_at	outer dense fiber of sperm tails 2	Odf2	3.5			
1453301_a_at	alkB, alkylation repair homolog 4 (E. coli)	Alkbh4	3.5			
1448460_at	activin A receptor, type 1	Acvr1	3.5			
1445229_at	diacylglycerol O-acyltransferase 1	Dgat1	3.5			
1433109_at	macrophage migration inhibitory factor	Mif	3.5			
1423667_at	methionine adenosyltransferase II, alpha	Mat2a	3.5			
1445244_at	TM2 domain containing 1	Tm2d1	3.5			
1446558_at	RIKEN cDNA F730015K02 gene	F730015K02Rik	3.5			
1430633_s_at	RIKEN cDNA C430045I18 gene	C430045I18Rik	3.5			
1438544_at	RIKEN cDNA 1700001G11 gene	1700001G11Rik	3.5			
1435875_at	protein kinase, AMP-activated, beta 2 non-catalytic subunit	Prkab2	3.5			
1418474_at	RIKEN cDNA 1500005A01 gene	1500005A01Rik	3.5			
1415953_s_at	MAP/microtubule affinity-regulating kinase 2	Mark2	3.5			
1439704_at	histone deacetylase 2	Hdac2	3.5			
1426190_at	activator of yeast meiotic promoters 1	Aym1	3.5			
1445827_at	Protein kinase C binding protein 1	Prkcbp1	3.5			
1449493_at	insulin-like 5	InsI5	3.5			
1422719_s_at	nucleoporin 50	Nup50	3.5			
1454711_at	triple functional domain (PTPRF interacting)	Trio	3.4			
1416628_at	RIKEN cDNA 0610006I08 gene	0610006I08Rik	3.4			
1418712_at	CDC42 effector protein (Rho GTPase binding) 5	Cdc42ep5	3.4			
1417066_at	chaperone, ABC1 activity of bc1 complex like (S. pombe)	Cabc1	3.4			
1420015_s_at	palmitoyl-protein thioesterase 1	Ppt1	3.4			
1428168_at	myelin protein zero-like 1	Mpzl1	3.4		2.5	
1437089_at	RIKEN cDNA 4833409A17 gene	4833409A17Rik	3.4			
1417893_at	sideroflexin 3	Sfxn3	3.4			
1435711_at	expressed sequence AI480526	AI480526	3.4		2.7	
1432603_at	nuclear receptor interacting protein 1	Nrip1	3.4			
1436781_at	mannosidase 2, alpha B1	Man2b1	3.4			
1420647_a_at	keratin 8	Krt8	3.4			
1423005_a_at	espin	Espin	3.4			
1454945_at	centrosomal protein 97	Cep97	3.4			
1429432_at	BAT2 domain containing 1	Bat2d	3.4			
1418188_a_at	metastasis associated lung adenocarcinoma transcript 1	Malat1	3.4		5.1	
1437065_at	zinc finger and BTB domain containing 20	Zbtb20	3.4			
1428024_at	Microtubule-associated protein 1 light chain 3 beta	Map1lc3b	3.4			
1429276_at	lupus brain antigen 1	Lba1	3.4			
1448260_at	ubiquitin carboxy-terminal hydrolase L1	Uchl1	3.4			
1449773_s_at	growth arrest and DNA-damage-inducible 45 beta	Gadd45b	3.4			
1434855_at	amidohydrolase domain containing 2	Amdhd2	3.4			
1435391_at	proline rich 8	Prr8	3.4			

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1459636_at	angiopoietin 2	Angpt2	3.4			
1427514_at	hypothetical protein LOC624295	LOC624295	3.4			
1429207_at	RIKEN cDNA 5730408K05 gene	5730408K05Rik	3.4			
1443837_x_at	B-cell leukemia/lymphoma 2	Bcl2	3.4			
1427875_a_at	ribosomal protein L34 /// predicted gene	LOC100048552 /// Rpl34	3.4			
1456338_at	solute carrier family 38, member 9	Slc38a9	3.4			
1460448_s_at	tetratricopeptide repeat domain 14	Ttc14	3.4			
1443504_at	hypothetical protein E330022O07	E330022O07	3.4			
1457116_at	REX1, RNA exonuclease 1 homolog (S. cerevisiae)	Rexo1	3.3			
1454268_a_at	cytochrome b-245, alpha polypeptide	Cyba	3.3			
1452783_at	fibronectin type III domain containing 3B	Fndc3b	3.3			
1419188_s_at	chemokine (C-C motif) ligand 27	Ccl27 /// LOC100039939	3.3			
1421989_s_at	3'-phosphoadenosine 5'-phosphosulfate synthase 2	Papss2	3.3			
1425902_a_at	nuclear factor of kappa light polypeptide gene enhancer in B-cells 2	Nfkb2	3.3			
1417505_s_at	interleukin 11 receptor, alpha chain 1	Il11ra1	3.3			
1420420_at	hydroxyacid oxidase 1, liver	Hao1	3.3			
1424608_a_at	basic leucine zipper and W2 domains 2	Bzw2 /// LOC100039204	3.3			
1438165_x_at	vesicle amine transport protein 1 homolog (T californica)	Vat1	3.3			
1420635_a_at	T-cell, immune regulator 1, ATPase, H+ transporting, lysosomal V0 protein A3	Tcrg1	3.3		3.0	
1428816_a_at	GATA binding protein 2	Gata2	3.3			
1437431_at	Cut-like homeobox 1	Cux1	3.3			
1428139_at	transmembrane protein 180	Tmem180	3.3			
1423860_at	prostaglandin D2 synthase (brain)	Ptgds	3.3			
1424472_at	nucleolar protein family 6 (RNA-associated)	Nol6	3.3			
1434500_at	tweety homolog 2 (Drosophila)	Ttyh2	3.3			
1443633_at	RIKEN cDNA 1700086O06 gene	1700086O06Rik	3.3			
1438038_at	RIKEN cDNA 4930402H24 gene	4930402H24Rik	3.3			
1429478_at	RIKEN cDNA 6720463M24 gene	6720463M24Rik	3.3			
1423683_at	cell division cycle associated 4	Cdca4	3.3			
1428296_at	polymerase (RNA) II (DNA directed) polypeptide L	LOC100048680 /// Polr2l	3.3			
1420851_at	par-6 partitioning defective 6 homolog gamma (C. elegans)	Pard6g	3.3			
1444720_at	expressed sequence AA408456	AA408456	3.3			
1416104_at	mannose-P-dolichol utilization defect 1	Mpdu1	3.3			
1440913_at	cDNA sequence BC037704	BC037704	3.3			
1428306_at	DNA-damage-inducible transcript 4	Ddit4	3.3			
1453207_at	RIKEN cDNA 2900053A13 gene	2900053A13Rik	3.3			
1423756_s_at	insulin-like growth factor binding protein 4	Igfbp4	3.2			
1415746_at	capicua homolog (Drosophila)	Cic	3.2			
1445438_at	DDHD domain containing 1	Ddhd1	3.2			
1439938_at	serine/threonine kinase 38	Stk38	3.2			
1439319_at	E74-like factor 1	Elf1	3.2			
1438595_at	gene model 546, (NCBI)	Gm546	3.2			
1430404_at	RIKEN cDNA 4833416J08 gene	4833416J08Rik	3.2			
1451663_a_at	tripartite motif-containing 3	Trim3	3.2			
1457148_at	CUB and Sushi multiple domains 2	Csmd2	3.2			
1427121_at	F-box protein 4	Fbxo4	3.2			

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1426528_at	neuropilin 2	Nrp2	3.2			
1438429_at	RIKEN cDNA 2610319H10 gene	2610319H10Rik	3.2			
1455717_s_at	dishevelled associated activator of morphogenesis 2	Daam2	3.2			
1452018_at	NK2 transcription factor related, locus 6 (Drosophila)	Nkx2-6	3.2			
1455861_at	erythrocyte protein band 4.1-like 5	Epb4.1f5	3.2			
1439633_at	synaptotagmin VII	Syt7	3.2			
1434825_at	trinucleotide repeat containing 18	Tnrc18	3.2			
1417160_s_at	Kallmann syndrome 1 sequence (human)	Kal1	3.2			
1433004_at	RIKEN cDNA 4833446E11 gene	4833446E11Rik	3.2			
1459391_at	ATP-binding cassette, sub-family A (ABC1), member 5	Abca5	3.2			
1422769_at	synaptotagmin binding, cytoplasmic RNA interacting protein	Syncrip	3.2			
1442658_at	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2	Ndubf2	3.2			
1455998_at	similar to Zinc finger BED domain containing protein 4	LOC667118	3.2			
1420342_at	ganglioside-induced differentiation-associated-protein 10	Gdap10	3.2			
1436841_at	RIKEN cDNA B230380D07 gene	B230380D07Rik	3.2			
1457445_at	trichorhinophalangeal syndrome I (human)	Trps1	3.2			
1437474_at	GATA zinc finger domain containing 2B	Gatad2b	3.2			
1448950_at	interleukin 1 receptor, type I	Il1r1	3.2			
1444312_at	solute carrier family 22, member 15	Slc22a15	3.2			
1448188_at	uncoupling protein 2 (mitochondrial, proton carrier)	Ucp2	3.2			
1456024_at	general transcription factor III C 1	Gtf3c1	3.2			
1442223_at	Enabled homolog (Drosophila)	Enah	3.2			
1431391_at	Ral GEF with PH domain and SH3 binding motif 1	Ralgps1	3.2			
1418391_at	PHD finger protein 21A	Phf21a	3.1			
1424048_a_at	cytochrome b5 reductase 1	Cyb5r1	3.1		2.2	
1424920_at	solute carrier family 37 (glycerol-3-phosphate transporter), member 3	Slc37a3	3.1			
1422670_at	Rho family GTPase 2	Rnd2	3.1			
1451200_at	kinesin family member 1B	Kif1b	3.1			
1427331_at	adenosine A1 receptor	Adora1	3.1			
1429892_at	PLAC8-like 1	Plac8l1	3.1			
1420560_at	cholinergic receptor, nicotinic, epsilon polypeptide	Chrne	3.1			
1451432_x_at	alkB, alkylation repair homolog 4 (E. coli)	Alkbh4	3.1			
1428992_at	unc-13 homolog D (C. elegans)	Unc13d	3.1			
1425869_a_at	presenilin 2	Psen2	3.1			
1456448_at	MRNA containing B1 SINE-related sequence	---	3.1			
1422695_at	tweety homolog 1 (Drosophila)	Ttyh1	3.1			
1427385_s_at	actinin, alpha 1	Actn1	3.1			
1451485_at	RIKEN cDNA 3300001P08 gene	3300001P08Rik	3.1			
1451341_s_at	transmembrane protein 189	LOC620966 /// Tmem189	3.1			
1424950_at	SRY-box containing gene 9	Sox9	3.1			
1416517_at	patatin-like phospholipase domain containing 6	Pnpla6	3.1			
1429849_at	RIKEN cDNA 4632411B12 gene	4632411B12Rik	3.1			
1429468_at	RIKEN cDNA 1110018F16 gene	1110018F16Rik	3.1			
1454296_at	RIKEN cDNA 4631402F24 gene	4631402F24Rik	3.1			
1453353_at	RIKEN cDNA 1700047I16 gene	1700047I16Rik	3.1			
1453191_at	collagen, type XXVII, alpha 1	Col27a1	3.1			

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1426794_at	protein tyrosine phosphatase, receptor type, S	Ptprs	3.1			
1438230_at	protein geranylgeranyltransferase type I, beta subunit	Pggt1b	3.1			
1429423_at	RIKEN cDNA 4930518I15 gene	4930518I15Rik	3.1			
1439905_at	RIKEN cDNA A330062J17 gene	A330062J17Rik	3.1			
1427932_s_at	RIKEN cDNA 1200003I10 gene	1200003I10Rik /// E430024C	3.1			
1439159_at	Arginine glutamic acid dipeptide (RE) repeats	Rere	3.1			
1428614_at	lactate dehydrogenase D	Ldhd	3.1			
1416683_at	plexin B2	Plxnb2	3.1			
1456154_at	Zinc finger protein 444	Zfp444	3.1			
1440945_at	Glucocorticoid induced transcript 1	Glicci1	3.1			
1435658_at	solute carrier family 27 (fatty acid transporter), member 1	Slc27a1	3.1			
1450045_at	serine/arginine repetitive matrix 1	Srrm1	3.1			
1436918_at	similar to Dual-specificity tyrosine-(Y)-kinase 2	LOC100044376	3.1			
1447343_at	neuropilin 2	Nrp2	3.1			
1420524_a_at	mannan-binding lectin serine peptidase 2	Masp2	3.1			
1453445_at	RIKEN cDNA 9030601B04 gene	9030601B04Rik	3.1			
1448919_at	CD302 antigen	Cd302	3.1	2.3	2.9	
1419097_a_at	stomatin	Stom	3.1			
1430288_x_at	ribosomal protein S21	Rps21	3.1			
1416769_s_at	ATPase, H+ transporting, lysosomal V0 subunit B	Atp6v0b	3.1			
1425261_at	CCAAT/enhancer binding protein (C/EBP), gamma	Cebpg	3.0			
1450397_at	microtubule-associated protein 1B	Mtap1b	3.0			
1423895_a_at	CUG triplet repeat, RNA binding protein 2	Cugbp2	3.0			
1458765_at	RNA binding motif protein 10	Rbm10	3.0			
1436362_x_at	CCR4 carbon catabolite repression 4-like (S. cerevisiae)	Ccrn4l /// LOC100043775	3.0		5.5	
1422598_at	calsequestrin 1	Casq1	3.0			
1435024_at	RIKEN cDNA 4931428F04 gene	4931428F04Rik	3.0			
1445201_at	zinc finger protein 53	Zfp53	3.0			
1455994_x_at	elongation of very long chain fatty acids (yeast)-like 1	Elov1	3.0			
1438255_at	forkhead box N3	Foxn3	3.0			
1429805_at	myosin IA	Myo1a	3.0			
1460534_at	RIKEN cDNA 5530401A10 gene	5530401A10Rik	3.0			
1449051_at	peroxisome proliferator activated receptor alpha	Ppara	3.0			
1418030_at	solute carrier organic anion transporter family, member 3a1	Slco3a1	3.0			
1418340_at	Fc receptor, IgE, high affinity I, gamma polypeptide	Fcer1g	3.0			4.3
1439427_at	claudin 9	Cldn9	3.0			
1416089_at	ribosomal protein S15	Rps15	3.0			
1456503_at	nucleoporin 214	Nup214	3.0			
1460681_at	CEA-related cell adhesion molecule 1	Ceacam1	3.0			
1454524_at	RIKEN cDNA 2310075M01 gene	2310075M01Rik	3.0			
1436716_at	Protein phosphatase 1, regulatory (inhibitor) subunit 14B	Ppp1r14b	3.0			
1422527_at	histocompatibility 2, class II, locus DMA	H2-DMA	3.0			
1456530_x_at	elongation of very long chain fatty acids (yeast)-like 1	Elov1	3.0			
1427950_at	zinc finger protein 294	Zfp294	3.0			
1432454_at	RIKEN cDNA 2410137M14 gene	2410137M14Rik	3.0			
1456580_s_at	ATP synthase, H+ transporting, mitochondrial F1 complex, delta	Atp5d	3.0			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1426873_s_at	junction plakoglobin	Jup	3.0			
1417389_at	glypican 1	Gpc1	3.0			
1416038_at	staphylococcal nuclease and tudor domain containing 1	Snd1	3.0			
1419477_at	C-type lectin domain family 2, member d	Clec2d	3.0			
1456768_a_at	multimerin 2	Mmrn2	3.0			
1456846_at	predicted gene, EG382639	EG382639	3.0			
1436457_at	RIKEN cDNA F830028O17 gene	F830028O17Rik	3.0			
1448531_at	lamin B2	Lmnb2	3.0			
1428065_at	solute carrier family 44, member 2	Slc44a2	3.0			
1453303_at	RIKEN cDNA 4833417J20 gene	4833417J20Rik	3.0			
1432563_at	RIKEN cDNA 1700116B05 gene	1700116B05Rik	3.0			
1424956_at	AT hook, DNA binding motif, containing 1	Ahdc1	3.0			
1456645_at	WD repeat domain 25	Wdr25	3.0			
1441519_at	nidogen 1	Nid1	3.0			
1425245_a_at	regulator of G-protein signaling 11	Rgs11	3.0			
1415977_at	myo-inositol 1-phosphate synthase A1	Isyna1	3.0			
1427178_at	transmembrane channel-like gene family 4	Tmc4	3.0			
1451751_at	DNA-damage-inducible transcript 4-like	Ddit4l	3.0			
1457511_at	regulator of G-protein signaling 12	Rgs12	3.0			
1445570_at	NOL1/NOP2/Sun domain family, member 4	Nsun4	3.0			
1430681_at	crystallin, lambda 1	Cryl1	3.0			
1452359_at	RELT-like 1	Rell1	3.0			
1427150_at	myeloid/lymphoid or mixed-lineage leukemia 3	Mll3	3.0			
1416331_a_at	nuclear factor, erythroid derived 2,-like 1	Nfe2l1	3.0			
1458148_at	NLR family, CARD domain containing 3	Nlr3	3.0			
1435550_at	RIKEN cDNA C430014K11 gene	C430014K11Rik	3.0			
1438736_at	THO complex 2	Thoc2	3.0			
1446235_at	cDNA sequence BC002199	BC002199	2.9			
1438900_at	SAC1 (suppressor of actin mutations 1, homolog)-like (S. cerevisiae)	Sacm1l	2.9			
1457766_at	WAP four-disulfide core domain 6A	Wfdc6a	2.9			
1418096_at	docking protein 3	Dok3	2.9			
1436943_at	cytochrome b5 domain containing 2	Cyb5d2	2.9			
1452916_at	WW domain binding protein 7	Wbp7	2.9			
1436095_at	chromodomain helicase DNA binding protein 5	Chd5	2.9			
1456912_at	zinc finger protein 691	Zfp691	2.9			
1458802_at	human immunodeficiency virus type I enhancer binding protein 3	Hivep3	2.9			
1432160_at	G protein-coupled receptor kinase-interactor 2	Git2	2.9			
1438979_s_at	RIKEN cDNA 1700029I15 gene	1700029I15Rik	2.9			
1439317_at	KRIT1, ankyrin repeat containing	Krit1	2.9			
1453084_s_at	collagen, type XXII, alpha 1	Col22a1	2.9			
1423589_at	actin related protein 2/3 complex, subunit 4	Arpc4	2.9			
1458567_at	RIKEN cDNA D130017N08 gene	D130017N08Rik	2.9			
1434159_at	serine/threonine kinase 4	Stk4	2.9			
1457900_at	activating signal cointegrator 1 complex subunit 3	Ascc3	2.9			
1435857_s_at	amyloid beta (A4) precursor-like protein 1	Aplp1	2.9		3.2	
1417163_at	dual specificity phosphatase 10	Dusp10	2.9			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1428010_at	translocase of inner mitochondrial membrane 9 homolog (yeast)	Timm9	2.9			
1422047_at	cadherin 5	Cdh5	2.9			
1453210_at	RIKEN cDNA 5730507C01 gene	5730507C01Rik	2.9			
1444006_at	SET domain containing 2	Setd2	2.9			
1417930_at	Ngfi-A binding protein 2	Nab2	2.9			
1435510_at	protein phosphatase 1H (PP2C domain containing)	Ppm1h	2.9			2.2
1421338_at	E74-like factor 4 (ets domain transcription factor)	Elf4 /// LOC100047149	2.9			
1422615_at	mitogen-activated protein kinase kinase kinase 4	Map4k4	2.9			
1455305_x_at	heterogeneous nuclear ribonucleoprotein A1	Hnrnpa1	2.9			
1435253_at	RAB11B, member RAS oncogene family	Rab11b	2.9			
1438305_at	regulating synaptic membrane exocytosis 1	Rims1	2.9			
1443573_at	poly (ADP-ribose) polymerase family, member 1	Parp1	2.9			
1417858_at	RAS protein activator like 1 (GAP1 like)	Rasal1	2.9			
1421474_a_at	splA/ryanodine receptor domain and SOCS box containing 1	Spsb1	2.9			
1425265_a_at	prion protein interacting protein 1	Prnpip1	2.9			
1438194_at	RIKEN cDNA 2900019G14 gene	2900019G14Rik	2.9			
1445390_at	PRKC, apoptosis, WT1, regulator	Pawr	2.9			
1420624_a_at	vesicle-associated membrane protein 8	Vamp8	2.9			
1454449_at	Rab9 effector protein with kelch motifs	Rabepk	2.9			
1428730_at	KRIT1, ankyrin repeat containing	Krit1	2.9			
1424377_at	cDNA sequence BC003885 /// predicted gene, EG623867	BC003885 /// EG623867	2.9			
1445206_at	ZW10 homolog (Drosophila), centromere/kinetochore protein	Zw10	2.9			
1421335_a_at	EGF-like domain 7	Egfl7	2.9			
1425777_at	calcium channel, voltage-dependent, beta 1 subunit	Cacnb1	2.9			
1423656_x_at	RIKEN cDNA 1500010J02 gene	1500010J02Rik	2.9			
1416528_at	SH3 domain binding glutamic acid-rich protein-like 3	Sh3bgrl3	2.9			
1438475_at	cDNA sequence AB124611	AB124611	2.9			
1432959_at	RIKEN cDNA 4930447I22 gene	4930447I22Rik	2.9			
1443955_at	RIKEN cDNA 1700094D03 gene	1700094D03Rik	2.9			
1448402_at	talin 1	Tln1	2.9			
1430277_at	RIKEN cDNA 9430034F23 gene	9430034F23Rik	2.9			
1422728_at	inhibin alpha	Inha	2.9			
1440975_at	matrix-remodelling associated 7	Mxra7	2.9			
1426825_at	formin-like 3	Fmnl3	2.9			
1419126_at	homeo box D9	Hoxd9	2.9		3.5	4.4
1433935_at	expressed sequence AU020206	AU020206	2.8		2.1	
1454636_at	chromobox homolog 5 (Drosophila HP1a)	Cbx5	2.8			
1456424_s_at	phospholipid transfer protein	Pltp	2.8			
1432669_at	RIKEN cDNA 9030420N05 gene	9030420N05Rik	2.8			
1426606_at	cartilage acidic protein 1	Crtac1	2.8			
1428509_at	myosin IE	Myo1e	2.8			
1459813_at	RIKEN cDNA 1700012D01 gene	1700012D01Rik	2.8			
1455220_at	frequently rearranged in advanced T-cell lymphomas 2	Frat2	2.8			
1435465_at	kelch repeat and BTB (POZ) domain containing 11	Kbtbd11	2.8			
1432459_a_at	zinc finger and BTB domain containing 32	Zbtb32	2.8			
1419684_at	chemokine (C-C motif) ligand 8	Ccl8 /// LOC100048554	2.8			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1428909_at	RIKEN cDNA A130040M12 gene	A130040M12Rik	2.8			
1418924_at	Ras association (RalGDS/AF-6) domain family (N-terminal) member 7	Rassf7	2.8			
1444621_at	IQ motif and Sec7 domain 2	lqsec2	2.8			
1452217_at	AHNAK nucleoprotein (desmoyokin)	Ahnak	2.8			
1443170_at	cyclin M1	Cnnm1	2.8		3.7	
1452566_at	Mus musculus, clone IMAGE:3983821	---	2.8			
1455135_at	RIKEN cDNA 2610014I16 gene	2610014I16Rik	2.8			
1440870_at	PR domain containing 16	Prdm16	2.8			
1436270_at	cytochrome b5 domain containing 1 /// similar to CG15429-PA	Cyb5d1 /// LOC630700	2.8			
1417839_at	claudin 5	Cldn5	2.8			
1423973_a_at	ADP-ribosylation factor 3	Arf3	2.8			
1436651_at	PR domain containing 11	Prdm11	2.8			
1426908_at	UDP-N-acetyl-alpha-D-galactosamine	Galnt7	2.8			
1424581_at	SH3 and cysteine rich domain 2	Stac2	2.8			
1435299_at	cyclin-dependent kinase 7	Cdk7	2.8			
1421571_a_at	lymphocyte antigen 6 complex, locus C1	Ly6c1 /// Ly6c2	2.8			
1422946_a_at	DNA methyltransferase (cytosine-5) 1	Dnmt1	2.8			
1435889_at	MAP/microtubule affinity-regulating kinase 2	Mark2	2.8			
1452812_at	latrophilin 1	Lphn1	2.8			
1416945_at	prostate tumor over expressed gene 1	Ptov1	2.8			
1430911_at	DNA segment, Chr 19, ERATO Doi 652, expressed	D19Erttd652e	2.8			
1416924_at	brain protein I3	Bri3	2.8			
1438533_at	myosin IXb	Myo9b	2.8			
1432035_at	RIKEN cDNA 4933427J07 gene	4933427J07Rik	2.8			
1418241_at	upstream transcription factor 2	Usf2	2.8			
1420519_a_at	Era (G-protein)-like 1 (E. coli)	Eral1	2.8			
1427247_at	DNA segment, Chr 3, Brigham & Women's Genetics 0562 expressed	D3Bwg0562e	2.8			
1428201_at	RIKEN cDNA 2310036O22 gene	2310036O22Rik	2.8			
1430944_at	RIKEN cDNA A930030B08 gene	A930030B08Rik	2.8			
1440553_at	mitochondrial trans-2-enoyl-CoA reductase	Mecr	2.8		3.8	
1448320_at	stromal interaction molecule 1	LOC100045432 /// Stim1	2.8			
1456703_at	DNA segment, Chr 5, ERATO Doi 301, expressed	D5Erttd301e	2.8			
1449618_s_at	RIKEN cDNA 2900092E17 gene	2900092E17Rik	2.8			
1447839_x_at	adrenomedullin	Adm	2.8			
1429245_at	RIKEN cDNA 2510022D24 gene	2510022D24Rik	2.8			
1416184_s_at	high mobility group AT-hook 1	Hmga1 /// Hmga1-rs1	2.8			
1441508_at	predicted gene, ENSMUSG00000062298	ENSMUSG00000062298	2.7			
1418396_at	G-protein signalling modulator 3 (AGS3-like, C. elegans)	Gpsm3	2.7		5.2	2.2
1440689_at	forkhead box K2	Foxk2	2.7			
1444752_at	RIKEN cDNA C230073G13 gene	C230073G13Rik	2.7			
1437829_s_at	eukaryotic elongation factor-2 kinase	Eef2k	2.7			
1419647_a_at	immediate early response 3	Ier3	2.7			
1415942_at	ribosomal protein 10	EG234703 /// LOC100041501	2.7			
1455167_at	cytochrome c oxidase, subunit VIIIc	Cox8c	2.7			
1429918_at	Rho GTPase activating protein 20	Arhgap20	2.7			
1442183_at	similar to Cdv3 protein	LOC236069	2.7			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1452364_at	suppressor of zeste 12 homolog (Drosophila)	Suz12	2.7			
1423686_a_at	proline rich 13	Prr13	2.7			
1454416_at	RIKEN cDNA 5730575I04 gene	5730575I04Rik	2.7			
1454865_at	solute carrier family 9 (sodium/hydrogen exchanger), member 8	Slc9a8	2.7			
1442518_at	RIKEN cDNA C030044O21 gene	C030044O21Rik	2.7			
1433485_x_at	G protein-coupled receptor 56	Gpr56	2.7			
1417216_at	proviral integration site 2	Pim2	2.7			
1417828_at	aquaporin 8	Aqp8	2.7			
1448019_at	RIKEN cDNA 2900006A08 gene /// TAO kinase 3	2900006A08Rik /// Taok3	2.7			
1433780_at	ubiquitin 1	Ubn1	2.7			
1439106_at	zinc finger protein 462	Zfp462	2.7			
1455565_at	B-cell CLL/lymphoma 9	Bcl9	2.7			
1451387_s_at	cutA divalent cation tolerance homolog (E. coli)	Cuta	2.7			
1434072_at	Smith-Magenis syndrome chromosome region, candidate 7 (human)	Smcr7	2.7			
1434742_s_at	apoptosis-inducing factor, mitochondrion-associated 3	Aifm3	2.7			
1428996_at	RIKEN cDNA 4833426J09 gene	4833426J09Rik	2.7			
1448094_at	hypothetical LOC546100	LOC546100	2.7			
1457302_at	Solute carrier family 20, member 2	Slc20a2	2.7			
1427865_at	Beta globin	---	2.7			
1428893_at	oxysterol binding protein-like 7	Osbpl7	2.7			
1442267_at	syntaxin binding protein 4	Stxbp4	2.7			
1416134_at	amyloid beta (A4) precursor-like protein 1	Aplp1	2.7		2.2	
1449836_x_at	Bcl2-interacting killer	Bik	2.7			
1438967_x_at	anti-Mullerian hormone type 2 receptor	Amhr2	2.7			
1418153_at	laminin, alpha 1	Lama1	2.7			
1434619_at	RIKEN cDNA 4932417H02 gene	4932417H02Rik	2.7			
1452156_a_at	nischarin	Nisch	2.7			
1440077_at	RIKEN cDNA 6330549D23 gene	6330549D23Rik	2.7			
1435031_at	transmembrane protein 120A	Tmem120a	2.7			
1427710_at	coiled-coil domain containing 114	Ccdc114	2.7			
1436484_at	RIKEN cDNA C030019I05 gene	C030019I05Rik	2.7			
1434450_s_at	adrenergic receptor kinase, beta 2	Adrbk2	2.7			
1434962_x_at	chemokine (C-C motif) ligand 27	Ccl27	2.7			
1454368_at	proteasome (prosome, macropain) 26S subunit, non-ATPase, 7	Psmc7	2.7			
1456985_at	Deoxynucleotidyltransferase, terminal, interacting protein 1	Dnttip1	2.7			
1438482_at	WW domain containing E3 ubiquitin protein ligase 2	Wwp2	2.7			
1437210_a_at	bromodomain containing 2	Brd2	2.7			
1417914_at	RAP2B, member of RAS oncogene family	Rap2b	2.7			
1416074_a_at	ribosomal protein L28 /// similar to ribosomal protein L28	LOC100039731 /// Rpl28	2.7			
1446315_at	ATP citrate lyase	Acly	2.7			
1459911_at	cerebellar degeneration-related protein 2-like	Cdr2l	2.7			
1443077_at	RIKEN cDNA 1700081L11 gene	1700081L11Rik	2.7			
1417362_at	Rhesus blood group-associated C glycoprotein	Rhcg	2.7			
1418702_a_at	RIKEN cDNA 2810428I15 gene	2810428I15Rik	2.7			
1453368_at	RIKEN cDNA 2310003H01 gene	2310003H01Rik	2.7			
1426399_at	von Willebrand factor A domain containing 1	Vwa1	2.6			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1426858_at	inhibin beta-B /// similar to Inhbb protein	Inhbb /// LOC100046802	2.6			
1439874_at	RIKEN cDNA 9330102E08 gene	9330102E08Rik	2.6			
1421812_at	TAP binding protein	Tapbp	2.6			
1443820_x_at	elongation of very long chain fatty acids (yeast)-like 1	Elov1	2.6			
1459619_at	erythrocyte protein band 4.1-like 2	Epb4.1l2	2.6			
1433873_s_at	pericentrin (kendrin)	Pcnt	2.6			
1449474_a_at	nasal embryonic LHRH factor	Nelf	2.6			
1418024_at	NMDA receptor-regulated gene 1	Narg1	2.6			
1421373_at	cytochrome c oxidase subunit IV isoform 2	Cox4i2	2.6			
1427933_at	vacuolar protein sorting 33B (yeast)	Vps33b	2.6			
1424671_at	pleckstrin homology domain, with FYVE domain, member 1	Plekhhf1	2.6			
1437040_at	ethanolamine kinase 2	Etnk2	2.6			
1436586_x_at	ribosomal protein S14	Rps14	2.6			
1454393_at	DAZ interacting protein 3, zinc finger	Dzip3	2.6			
1449362_a_at	misshapen-like kinase 1 (zebrafish)	Mink1	2.6			
1425638_at	centaurin, alpha 2	Centa2	2.6			
1453810_at	aftiphilin	Aftph	2.6			
1432820_at	proteasome (prosome, macropain) 26S subunit, non-ATPase, 7	Psmc7	2.6			
1419299_at	RIKEN cDNA 2010012O05 gene	2010012O05Rik	2.6			
1451069_at	proviral integration site 3	Pim3	2.6			
1444884_at	palmitoyl-protein thioesterase 1	Ppt1	2.6			
1416511_a_at	CDC42 effector protein (Rho GTPase binding) 4	Cdc42ep4	2.6			
1421918_at	acidic (leucine-rich) nuclear phosphoprotein 32 family, member A	Anp32a	2.6			
1443724_at	junctophilin 3	Jph3	2.6			
1427109_at	open reading frame 61	ORF61	2.6			
1417431_a_at	sphingosine kinase 2	Sphk2	2.6			
1443570_at	COP9 homolog, subunit 3 (Arabidopsis)	Cops3	2.6			
1430905_at	RIKEN cDNA 4921504E06 gene	4921504E06Rik	2.6			
1438561_x_at	transmembrane protein 180	Tmem180	2.6			
1447376_at	Moloney leukemia virus 10	Mov10	2.6			
1438157_s_at	nuclear factor of kappa light polypeptide in B-cells inhibitor a	Nfkbia	2.6			
1450935_at	excision repair cross-complementing rodent repair deficiency	Erc5	2.6			
1450844_at	syntaxin 6	Stx6	2.6			
1448655_at	low density lipoprotein receptor-related protein 1	Lrp1	2.6			3.7
1442141_at	cDNA sequence BC028454	BC028454	2.6			
1450826_a_at	serum amyloid A 3	Saa3	2.6			
1426485_at	UBX domain containing 2	Ubx2	2.6			
1420401_a_at	receptor (calcitonin) activity modifying protein 3	AB182283 /// Ramp3	2.6			
1449205_at	ovo-like 2 (Drosophila)	Ovo2	2.6			
1423974_at	nuclear mitotic apparatus protein 1	Numa1	2.6			
1453295_at	additional sex combs like 2 (Drosophila)	Asxl2	2.6			
1426763_at	ornithine decarboxylase antizyme 2	Oaz2	2.6			
1452415_at	actinin, alpha 1	Actn1	2.6			
1460088_at	RIKEN cDNA 6430531B16 gene	6430531B16Rik	2.6			
1428289_at	Kruppel-like factor 9 /// RIKEN cDNA 2310051E17 gene	2310051E17Rik /// Klf9	2.6			
1424117_at	cDNA sequence BC056474	BC056474	2.6			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1456066_a_at	RNA polymerase 1-4	Rpo1-4	2.6			
1454785_at	dual specificity phosphatase 11 (RNA/RNP complex 1-interacting)	Dusp11	2.6		2.2	
1454291_at	RIKEN cDNA 4933428P19 gene	4933428P19Rik	2.6			
1451422_at	myosin XVIIIa	Myo18a	2.6			2.1
1418711_at	platelet derived growth factor, alpha	Pdgfa	2.6			
1452092_at	RIKEN cDNA 4631426J05 gene	4631426J05Rik	2.6			
1431322_at	immunoglobulin superfamily, member 3	Igsf3	2.6			
1437117_at	centaurin, beta 1	Centb1	2.6			
1419256_at	spectrin beta 2	Spnb2	2.6		2.4	
1450374_at	parathyroid hormone 2	Pth2	2.6			
1427703_at	platelet-activating factor acetylhydrolase, isoform 1b, beta1 subunit	Pafah1b1	2.5			
1423184_at	intersectin 2	Itns2	2.5			
1435395_s_at	ATP synthase, H+ transporting, mitochondrial F0 complex	Atp5j2	2.5			
1452905_at	maternally expressed 3	Meg3	2.5			
1438631_x_at	tetratricopeptide repeat domain 13	Ttc13	2.5			
1428723_at	RIKEN cDNA 2310047M10 gene	2310047M10Rik	2.5			
1430980_a_at	eukaryotic translation initiation factor 4A1	Eif4a1	2.5			
1437447_s_at	excision repair cross-complementing rodent repair deficiency	Erccl	2.5			
1423586_at	AXL receptor tyrosine kinase	Axl	2.5			
1422773_at	myelin transcription factor 1	Myt1	2.5			
1422064_a_at	zinc finger and BTB domain containing 20	Zbtb20	2.5			
1428778_at	Sfi1 homolog, spindle assembly associated (yeast)	Sfi1	2.5			
1441062_at	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 11	Ddx11	2.5			
1448056_at	HECT, UBA and WWE domain containing 1	Huwe1	2.5			
1430494_at	RIKEN cDNA 2010005J08 gene	2010005J08Rik	2.5			
1457616_at	predicted gene, ENSMUSG00000074853	ENSMUSG00000074853	2.5			
1419089_at	tissue inhibitor of metalloproteinase 3	Timp3	2.5			
1440316_at	RIKEN cDNA 6430526N21 gene	6430526N21Rik	2.5			
1460690_at	cDNA sequence BC003940	BC003940	2.5			
1435823_x_at	EGF-like domain 7	Egfl7	2.5			
1451303_at	cDNA sequence BC002230	BC002230	2.5			
1459922_at	expressed sequence AI646383	AI646383	2.5			
1452708_a_at	Luc7 homolog (S. cerevisiae)-like	Luc7l	2.5			
1453601_at	zinc finger protein 710	Zfp710	2.5			
1448112_at	cytochrome c oxidase, subunit VIIc	Cox7c /// LOC100041521	2.5			
1417449_at	acyl-CoA thioesterase 8	Acot8	2.5			
1447585_s_at	mitochondrial ribosomal protein S6	Mrps6	2.5			
1455682_at	v-abl Abelson murine leukemia viral oncogene homolog 2	Abl2	2.5			
1428651_at	kelch-like 24 (Drosophila)	Klhl24	2.5			
1431380_at	RIKEN cDNA 5730409L17 gene	5730409L17Rik	2.5			
1419122_at	methyltransferase-like 1	Mettl1	2.5			
1437013_x_at	ATPase, H+ transporting, lysosomal V0 subunit B	Atp6v0b	2.5			
1435900_at	zinc finger and BTB domain containing 43	Zbtb43	2.5			
1440225_at	G protein-coupled receptor 116	Gpr116	2.5			
1419866_s_at	ataxin 2 /// similar to ataxin 2	Atxn2 /// LOC100047323	2.5			
1454422_at	RIKEN cDNA 4930456J16 gene	4930456J16Rik	2.5			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1416088_a_at	ribosomal protein S15 /// similar to insulinoma protein (rig)	LOC100046223 /// Rps15	2.5			
1421965_s_at	Notch gene homolog 3 (Drosophila)	Notch3	2.5			
1438590_at	Rap guanine nucleotide exchange factor (GEF) 3	Rapgef3	2.5			
1434905_at	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4-like 2	Ndufa4l2	2.5			
1420911_a_at	milk fat globule-EGF factor 8 protein	Mfge8	2.5			
1427338_at	ciliary rootlet coiled-coil, rootletin	Crocc	2.5			
1415865_s_at	2,3-bisphosphoglycerate mutase	Bpgm	2.5			
1415758_at	furry homolog-like (Drosophila)	Fryl	2.5			
1455351_at	RIKEN cDNA 2610101N10 gene	2610101N10Rik	2.5			
1456174_x_at	N-myc downstream regulated gene 1	Ndrg1	2.5			
1419031_at	fatty acid desaturase 2	Fads2	2.5			
1429850_x_at	alkB, alkylation repair homolog 4 (E. coli)	Alkbh4	2.5			
1434202_a_at	cDNA sequence BC055107	BC055107	2.5			
1417542_at	ribosomal protein S6 kinase, polypeptide 2	Rps6ka2	2.5			
1416853_at	neurochondrin	Ncdn	2.5			
1428795_at	RIKEN cDNA 1110021L09 gene	1110021L09Rik	2.5			
1441021_at	LETM1 domain containing 1	Letmd1	2.4			
1424351_at	WAP four-disulfide core domain 2	Wfdc2	2.4			
1437436_s_at	G protein-coupled receptor kinase 6	Grk6	2.4			
1427089_at	cyclin T2	Ccnt2	2.4			
1424067_at	intercellular adhesion molecule 1	Icam1	2.4			
1443384_at	PTK2 protein tyrosine kinase 2	Ptk2	2.4			
1450391_a_at	monoglyceride lipase	Mgl1	2.4			
1437390_x_at	syntaxin 1A (brain)	Stx1a	2.4			
1444759_at	prickle like 1 (Drosophila)	Prickle1	2.4			
1436202_at	metastasis associated lung adenocarcinoma transcript 1	Malat1	2.4		2.1	3.7
1448483_a_at	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 2	Ndufb2	2.4			
1456062_at	natriuretic peptide precursor type A	Nppa	2.4			
1451928_a_at	RAD18 homolog (S. cerevisiae)	Rad18	2.4			
1429997_at	RIKEN cDNA 4832441B07 gene	4832441B07Rik	2.4			
1420192_at	transmembrane protein 191C	Tmem191c	2.4			
1424145_at	proline-rich polypeptide 3	Prr3	2.4			
1424477_at	transmembrane protein 184a	Tmem184a	2.4			
1436187_at	RIKEN cDNA 1110054M08 gene	1110054M08Rik	2.4			
1432232_at	REST corepressor 3	Rcor3	2.4			
1419384_at	protein interacting with C kinase 1	Pick1	2.4			
1442793_s_at	transforming growth factor beta regulated gene 4	Tbrg4	2.4			
1424762_at	C1q and tumor necrosis factor related protein 5 /// membrane-type frizzled-related	C1qtnf5 /// Mfrp	2.4			
1418846_at	adaptor-related protein complex AP-4, mu 1	Ap4m1	2.4			
1442446_at	Similar to collagen, type VIII, alpha 2	LOC100042764	2.4			
1454860_x_at	defender against cell death 1	Dad1 /// LOC100044173	2.4			
1428623_at	plexin A1	Plxna1	2.4			
1425536_at	syntaxin 3	Stx3	2.4			
1424454_at	transmembrane protein 87A	Tmem87a	2.4			
1427138_at	coiled-coil domain containing 88C	Ccdc88c	2.4			
1426422_at	coiled-coil and C2 domain containing 1A	Cc2d1a	2.4			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1453455_at	calmodulin binding transcription activator 1	Camta1	2.4			
1436801_x_at	CDC42 effector protein (Rho GTPase binding) 4	Cdc42ep4	2.4			
1420526_at	discoidin, CUB and LCCL domain containing 2	Dcbd2	2.4			
1433972_at	calmodulin binding transcription activator 1	Camta1	2.4			
1418528_a_at	defender against cell death 1	Dad1 /// LOC100044173	2.4			
1433603_at	NADH dehydrogenase (ubiquinone) Fe-S protein 6	Ndufs6	2.4			
1450965_at	testis expressed gene 261	Tex261	2.4			
1432064_at	U box domain containing 5	Ubox5	2.4			
1426526_s_at	oviductal glycoprotein 1	Ovgp1	2.4			
1416656_at	chloride intracellular channel 1	Clic1	2.4			
1458449_at	F-box and leucine-rich repeat protein 11	Fbxl11	2.4			
1460029_at	GTP binding protein 5	Gtpbp5	2.4			
1421163_a_at	nuclear factor I/A	Nfia	2.4			
1428126_a_at	RIKEN cDNA 4921506J03 gene	4921506J03Rik	2.4			
1451381_at	RIKEN cDNA 1810020D17 gene	1810020D17Rik	2.4			
1417628_at	suppressor of Ty 6 homolog (S. cerevisiae)	Supt6h	2.4			
1456421_at	RIKEN cDNA 4930578M01 gene	4930578M01Rik	2.4			
1437470_at	Pbx/knotted 1 homeobox	Pknox1	2.4			
1417969_at	F-box protein 31	Fbxo31	2.4			
1458400_at	RIKEN cDNA 9630050P21 gene	9630050P21Rik	2.4			
1425067_at	cadherin, EGF LAG seven-pass G-type receptor 3	Celsr3	2.4			
1424059_at	suppressor of variegation 4-20 homolog 2 (Drosophila)	Suv420h2	2.4			
1422440_at	cyclin-dependent kinase 4	Cdk4 /// LOC640611	2.4			
1434059_at	RIKEN cDNA B230312A22 gene	B230312A22Rik	2.4			
1424879_at	leucine-rich repeats and calponin homology (CH) domain containing 4	Lrch4 /// Sap25	2.4			
1450981_at	calponin 2	Cnn2	2.4			
1423087_a_at	prickle homolog 4 (Drosophila)	LOC100047839 /// Prickle4	2.4			
1427030_at	coiled-coil domain containing 52	Ccdc52	2.4			
1424849_at	WD repeat domain 62	Wdr62	2.4			
1454283_at	solute carrier family 38, member 9	Slc38a9	2.4			
1427879_at	RIKEN cDNA 1810031K17 gene	1810031K17Rik	2.4			
1451184_at	heterogeneous nuclear ribonucleoprotein A3	Hnrpa3 /// LOC100045099	2.4			
1423601_s_at	Treacher Collins Franceschetti syndrome 1, homolog	Tcof1	2.4			
1442930_at	expressed sequence AW061147	AW061147	2.4			
1449770_x_at	transmembrane protein 191C	Tmem191c	2.4			
1424590_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 19b	Ddx19b	2.4			
1449876_at	protein kinase, cGMP-dependent, type I	Prkg1	2.4			
1449041_a_at	thyroid hormone receptor interactor 6	Trip6	2.4			
1460227_at	tissue inhibitor of metalloproteinase 1	Timp1	2.4			
1426543_x_at	endonuclease domain containing 1	Endod1	2.4			
1452863_at	RIKEN cDNA 1700003F12 gene	1700003F12Rik	2.4			
1429650_at	serine/threonine kinase 40	Stk40	2.4			
1432393_a_at	tRNA-histidine guanylyltransferase 1-like (S. cerevisiae)	Thg1l	2.4			
1449027_at	ras homolog gene family, member U	Rhou	2.4			2.2
1445765_at	RIKEN cDNA 9430011C21 gene	9430011C21Rik	2.4			
1417877_at	endonuclease/exonuclease/phosphatase family domain containing 1	Eepd1	2.4			

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1459741_x_at	uncoupling protein 2 (mitochondrial, proton carrier)	Ucp2	2.4			
1440178_x_at	zeta-chain (TCR) associated protein kinase	Zap70	2.4			
1429835_at	RIKEN cDNA 2310033E01 gene	2310033E01Rik	2.4			
1419213_at	N-acetyltransferase 6	Nat6	2.4			
1419196_at	hepcidin antimicrobial peptide	Hamp	2.4			
1427090_at	zinc finger, BED domain containing 4	Zbed4	2.4			
1460424_at	transmembrane protein 160	Tmem160	2.4			
1418881_at	N-terminal EF-hand calcium binding protein 2	Necab2	2.4			
1433776_at	lipoma HMGIC fusion partner	Lhfp	2.4			
1426681_at	unkempt homolog (Drosophila)	Unk	2.3			
1418448_at	Harvey rat sarcoma oncogene, subgroup R	Rras	2.3			
1448688_at	podocalyxin-like	Podxl	2.3			
1418975_at	NCK interacting protein with SH3 domain	Nckipsd	2.3			
1453268_at	tRNA-histidine guanylyltransferase 1-like (S. cerevisiae)	Thg1l	2.3			
1445102_at	RIKEN cDNA B930096M23 gene	B930096M23Rik	2.3			
1443362_at	zinc finger protein 277	Zfp277	2.3			
1455271_at	hypothetical protein LOC620695	LOC620695	2.3			
1419072_at	glutathione S-transferase, mu 7	Gstm7	2.3			
1430671_a_at	RIKEN cDNA 0610010K06 gene	0610010K06Rik	2.3			
1458748_at	RNA binding motif protein 27	Rbm27	2.3			
1460594_a_at	GDP-mannose pyrophosphorylase A	Gmppa	2.3			
1444323_at	cyclin D3	Ccnd3	2.3			
1424062_at	ubiquitin-conjugating enzyme E2D 1, UBC4/5 homolog (yeast)	Ube2d1	2.3			
1418518_at	furin (paired basic amino acid cleaving enzyme)	Furin	2.3			
1418305_s_at	nucleolar protein family A, member 1 (H/ACA small nucleolar RNPs)	Nola1	2.3			
1458643_at	deltex 1 homolog (Drosophila)	Dtx1	2.3			
1458215_at	SET domain, bifurcated 1	Setdb1	2.3			
1441464_at	RIKEN cDNA A630035D09 gene	A630035D09Rik	2.3			
1418670_s_at	perlecan (heparan sulfate proteoglycan 2)	Hspg2	2.3			
1437283_at	transportin 2 (importin 3, karyopherin beta 2b)	Tnpo2	2.3			
1423432_at	pleckstrin homology domain interacting protein	Phip	2.3			
1429267_at	acyl-CoA thioesterase 11	Acot11	2.3			
1417224_a_at	CD2 antigen (cytoplasmic tail) binding protein 2	Cd2bp2	2.3			
1442599_at	solute carrier family 12 (potassium/chloride transporters), member 9	Slc12a9	2.3			
1420668_a_at	Yip1 domain family, member 2	Yipf2	2.3			
1421385_a_at	myosin VIIa	Myo7a	2.3			
1417240_at	zyxin	Zyx	2.3			
1451357_at	MPN domain containing	Mpnd	2.3			
1442687_at	RIKEN cDNA 1700064N11 gene	1700064N11Rik	2.3			
1454907_at	Small EDRK-rich factor 1	Serf1	2.3			
1439053_at	hypothetical protein LOC100045050	LOC100045050	2.3		4.7	
1421817_at	glutathione reductase	Gsr	2.3			
1429646_at	RIKEN cDNA 1700112C13 gene	1700112C13Rik	2.3			
1456165_at	RIKEN cDNA 4921521F21 gene	4921521F21Rik	2.3			
1460548_a_at	Era (G-protein)-like 1 (E. coli)	Eral1	2.3			
1454757_s_at	DNA segment, Chr 12, ERATO Doi 647, expressed	D12ErtD647e	2.3			

1422397_a_at	interleukin 15 receptor, alpha chain	Il15ra	2.3	
1458879_at	expressed sequence C76798	C76798	2.3	
1424760_a_at	SET and MYND domain containing 2	Smyd2	2.3	
1451648_a_at	folate receptor 2 (fetal)	Folr2	2.3	
1455059_at	helicase with zinc finger domain	Helz	2.3	2.2
1416954_at	solute carrier family 25	Slc25a10	2.3	
1455152_at	expressed sequence AI462493	AI462493	2.3	
1434179_at	myeloid/lymphoid or mixed-lineage leukemia 3	MLL3	2.3	3.4
1435115_at	fibronectin type III domain containing 5	Fndc5	2.3	
1428183_at	ankyrin repeat domain 23	Ankrd23	2.3	
1455458_x_at	GDP-mannose pyrophosphorylase A	Gmppa	2.3	
1454086_a_at	LIM domain only 2 /// similar to LIM domain only 2	Lmo2 /// LOC100048263	2.3	
1434920_a_at	Ena-vasodilator stimulated phosphoprotein	Evl /// LOC100047333	2.3	
1448624_at	CD2 antigen (cytoplasmic tail) binding protein 2	Cd2bp2	2.3	
1426025_s_at	lysosomal-associated protein transmembrane 5	Laptm5	2.3	
1416352_s_at	glycoprotein, synaptic 2	Gpsn2	2.3	
1428193_at	ubiquitin specific peptidase 9, X chromosome	Usp9x	2.3	
1444656_at	cDNA sequence BC030499	BC030499	2.3	
1425718_a_at	influenza virus NS1A binding protein	Ivns1abp	2.3	
1445613_at	Nuclear receptor subfamily 2, group C, member 2	Nr2c2	2.3	
1456194_a_at	Parkinson disease (autosomal recessive, early onset) 7	Park7	2.3	
1418625_s_at	glyceraldehyde-3-phosphate dehydrogenase	3000002C10Rik	2.3	
1440315_at	muscleblind-like 1 (Drosophila)	Mbn1	2.3	
1444370_at	expressed sequence C77058	C77058	2.3	
1438474_at	ankyrin repeat domain 35	Ankrd35	2.3	
1421556_at	serine (or cysteine) peptidase inhibitor, clade A, member 3A	Serpina3a	2.3	
1459890_s_at	RIKEN cDNA 1110008P14 gene	1110008P14Rik	2.3	
1431554_a_at	annexin A9	Anxa9	2.3	
1433180_at	MORN repeat containing 1	Morn1	2.3	
1417212_at	RIKEN cDNA 9530058B02 gene	9530058B02Rik	2.3	
1423575_a_at	Williams Beuren syndrome chromosome region 22	Wbscr22	2.3	
1428670_at	hypothetical gene LOC72520	LOC72520	2.3	
1442445_at	RIKEN cDNA 2610027H17 gene	2610027H17Rik	2.3	
1459912_at	mitogen-activated protein kinase kinase kinase 4	Map4k4	2.3	
1445197_x_at	expressed sequence C79595	C79595	2.3	
1445930_at	fibronectin type III domain containing 7	Fndc7	2.3	
1421938_at	serine hydrolase-like	Serhl	2.3	
1419798_at	RIKEN cDNA 2610019E17 gene	2610019E17Rik	2.3	
1423957_at	interferon stimulated exonuclease gene 20-like 1	Isg20l1	2.3	
1457002_at	zinc finger protein 408	Zfp408	2.3	
1454103_at	dynein, axonemal, heavy chain 2	Dnahc2	2.2	
1436725_at	RIKEN cDNA E130306D19 gene	E130306D19Rik	2.2	
1443817_x_at	NK2 transcription factor related, locus 6 (Drosophila)	Nkx2-6	2.2	
1425406_at	C-type lectin domain family 4, member a2	Clec4a2	2.2	
1428785_at	angiomin-like 1	Amotl1	2.2	
1436632_at	RIKEN cDNA D130059P03 gene	D130059P03Rik	2.2	
1455811_at	eukaryotic translation initiation factor 3, subunit E interacting	Elf3eip	2.2	

1417000_at	ankyrin repeat and BTB (POZ) domain containing 1	Abtb1	2.2
1417636_at	solute carrier family 6 , member 9	Slc6a9	2.2
1447703_x_at	zinc finger protein 593	Zfp593	2.2
1418478_at	LIM domain only 1	Lmo1	2.2
1436817_at	exocyst complex component 5	Exoc5	2.2
1455035_s_at	nucleolar protein 5A	Nol5a	2.2
1426871_at	F-box protein 33	Fbxo33	2.2
1440795_x_at	rabaptin, RAB GTPase binding effector protein 2	Rabep2	2.2
1422715_s_at	acid phosphatase 1, soluble	Acp1 /// LOC631286	2.2
1423887_a_at	TEL2, telomere maintenance 2, homolog (S. cerevisiae)	Telo2	2.2
1450688_at	ral guanine nucleotide dissociation stimulator-like 2	Rgl2	2.2
1451139_at	solute carrier family 39 (zinc transporter), member 4	Slc39a4	2.2
1437226_x_at	MARCKS-like 1	Marcksl1	2.2
1453776_at	sorting nexin family member 21	Snx21	2.2
1451351_at	tetratricopeptide repeat domain 13	Ttc13	2.2
1422027_a_at	E26 avian leukemia oncogene 1, 5' domain	Ets1	2.2
1432374_a_at	DNA segment, Chr 5, Wayne State University 178, expressed	D5Wsu178e	2.2
1455711_at	deltex 4 homolog (Drosophila)	Dtx4	2.2
1448387_at	ring-box 1	Rbx1	2.2
1416489_at	phosphatidylinositol 4-kinase type 2 beta	Pi4k2b	2.2
1424544_at	nuclear receptor binding protein 2	Nrbp2	2.2
1459405_at	IQ motif containing GTPase activating protein 3	Iqgap3	2.2
1416852_a_at	neurochondrin	Ncdn	2.2
1435669_at	zinc finger protein 532	Zfp532	2.2
1432831_at	coiled-coil domain containing 138	Ccdc138	2.2
1455562_at	SRY-box containing gene 12	Sox12	2.2
1436746_at	WNK lysine deficient protein kinase 1	Wnk1	2.2
1436149_at	cytochrome c oxidase, subunit Vb	Cox5b	2.2
1455886_at	Casitas B-lineage lymphoma	Cbl /// LOC100048010	2.2
1434147_at	RELT-like 2	Rel2	2.2
1428578_s_at	protein tyrosine phosphatase, receptor (PTPRF), interacting	Ppfia4	2.2
1429456_a_at	polymerase (RNA) III (DNA directed) polypeptide E	Polr3e	2.2
1427689_a_at	TNFAIP3 interacting protein 1	Tnip1	2.2
1454680_at	DNA segment, Chr 5, ERATO Doi 579, expressed	D5Erd579e	2.2
1420717_at	RIKEN cDNA A930018P22 gene	A930018P22Rik	2.2
1438274_at	IKAROS family zinc finger 4	Ikzf4	2.2
1431323_at	leucine zipper transcription factor-like 1	Lztf1	2.2
1457351_at	TAF2 RNA polymerase II transcription factor	Taf2	2.2
1428936_at	ATPase, Ca++ transporting, plasma membrane 1	Atp2b1	2.2
1426631_at	pseudouridylate synthase 7 homolog (S. cerevisiae) /// hypothetical protein LOC1	LOC100047009 /// Pus7	2.2
1432719_at	RIKEN cDNA 4833412K13 gene	4833412K13Rik	2.2
1426249_at	adrenergic receptor kinase, beta 1	Adrbk1	2.2
1427298_at	dynamamin 3, opposite strand	Dnm3os	2.2
1441056_at	ubiquitin specific peptidase 3	Usp3	2.2
1418031_at	myosin IXb	Myo9b	2.2
1460015_at	spermatogenesis and oogenesis specific basic helix-loop-helix 1	Sohlh1	2.2
1451810_at	open reading frame 63	ORF63	2.2

1429705_at	sperm acrosome associated 4	Spaca4	2.2	
1418835_at	pleckstrin homology-like domain, family A, member 1	Phlda1	2.2	
1433753_x_at	Era (G-protein)-like 1 (E. coli)	Eral1	2.2	
1430982_at	splicing factor, arginine/serine-rich 1 (ASF/SF2)	LOC100048559 /// Sfrs1	2.2	
1437706_x_at	ribosomal protein S14 /// predicted gene, EG545121	EG545121 /// Rps14	2.2	
1434959_at	desert hedgehog	Dhh	2.2	
1419743_s_at	coactivator-associated arginine methyltransferase 1	Carm1	2.2	
1423448_at	RAB11B, member RAS oncogene family	Rab11b	2.2	
1438552_x_at	zyxin	Zyx	2.2	
1440034_at	signal transducing adaptor molecule (SH3 domain and ITAM motif) 2	Stam2	2.2	
1455731_at	solute carrier family 29 (nucleoside transporters), member 3	Slc29a3	2.2	
1451255_at	lipolysis stimulated lipoprotein receptor	Lsr	2.2	
1440817_x_at	zinc finger protein 771 /// similar to crooked legs CG14938-PB	LOC100047782 /// Zfp771	2.2	
1445278_at	gametogenetin	Ggn	2.2	
1438236_at	nuclear factor I/A	Nfia	2.2	
1416416_x_at	glutathione S-transferase, mu 1	Gstm1	2.2	2.3
1460718_s_at	mitochondrial carrier homolog 1 (C. elegans)	Mtch1	2.2	
1447469_at	coiled-coil domain containing 66	Ccdc66	2.2	
1423852_at	shisa homolog 2 (Xenopus laevis)	Shisa2	2.2	
1418389_at	RIKEN cDNA 2810453I06 gene	2810453I06Rik	2.2	
1457531_a_at	RIKEN cDNA A930017K11 gene	A930017K11Rik	2.2	
1435163_at	RIKEN cDNA 9030612M13 gene	9030612M13Rik	2.2	
1422536_at	troponin I, cardiac	Tnni3	2.2	
1436339_at	RIKEN cDNA 1810058I24 gene	1810058I24Rik	2.2	
1436074_at	nuclear factor of kappa light polypeptide in B-cells inhibitor	Nfkbid	2.2	
1422726_x_at	spermatogenesis associated glutamate (E)-rich protein 4a	Speer4a	2.2	5.0
1442409_at	DNA segment, Chr 9, Wayne State University 90, expressed	D9Wsu90e	2.2	
1432590_at	RIKEN cDNA 4930573O21 gene	4930573O21Rik	2.2	
1453297_at	RIKEN cDNA 4933417O08 gene	4933417O08Rik	2.1	
1435613_x_at	cytochrome c oxidase, subunit Vb	Cox5b /// LOC100045602	2.1	
1419867_a_at	eukaryotic translation initiation factor 4E binding protein 3	Ankhd1 /// Eif4ebp3	2.1	
1455500_at	ring finger protein 213 /// hypothetical LOC672511	LOC672511 /// Rnf213	2.1	
1445149_at	Poliovirus receptor	Pvr	2.1	
1415676_a_at	proteasome (prosome, macropain) subunit, beta type 5	Psmb5	2.1	
1449491_at	caspase recruitment domain family, member 10	Card10	2.1	
1416968_a_at	hydroxy-delta-5-steroid dehydrogenase, 3 beta- and steroid delta-isomerase 7	Hsd3b7	2.1	
1451197_s_at	GATA zinc finger domain containing 2A	Gatad2a	2.1	
1448330_at	glutathione S-transferase, mu 1	Gstm1	2.1	2.1
1454960_at	MAD homolog 3 (Drosophila)	Smad3	2.1	
1439156_at	gene model 962, (NCBI)	Gm962	2.1	
1421911_at	signal transducer and activator of transcription 2	Stat2	2.1	
AFFX-GapdhMur/M3	glyceraldehyde-3-phosphate dehydrogenase	Gapdh	2.1	
1419403_at	cDNA sequence BC017612	BC017612	2.1	
1454316_at	RIKEN cDNA 5830426C09 gene	5830426C09Rik	2.1	
1455569_at	CDNA clone IMAGE:1548559	---	2.1	
1419685_at	UPF1 regulator of nonsense transcripts homolog (yeast)	Upf1	2.1	
1423749_s_at	RAN GTPase activating protein 1	Rangap1	2.1	

1437859_x_at	eukaryotic translation initiation factor 5A	Eif5a	2.1	
1433712_at	expressed sequence AW555464	AW555464	2.1	
1430517_at	RIKEN cDNA 4930544O15 gene	4930544O15Rik	2.1	
1454825_at	RIKEN cDNA 1110014N23 gene	1110014N23Rik	2.1	
1418375_at	methyl-CpG binding domain protein 6	Mbd6	2.1	
1416050_a_at	scavenger receptor class B, member 1	Scarb1	2.1	
1435628_x_at	cDNA sequence BC005512 /// hypothetical protein LOC215866	BC005512 /// EG641366	2.1	
1444657_at	NEDD4 binding protein 2	N4bp2	2.1	
1460362_at	RIKEN cDNA 2410001C21 gene	2410001C21Rik	2.1	
1455857_a_at	RAB2B, member RAS oncogene family	Rab2b	2.1	
1428364_at	sodium channel modifier 1	Scnm1	2.1	
1430247_at	dishevelled associated activator of morphogenesis 2	Daam2	2.1	
1416582_a_at	Bcl-associated death promoter	Bad	2.1	
1460673_at	folylpolyglutamyl synthetase	Fpgs	2.1	
1432872_at	RIKEN cDNA 4932702M13 gene	4932702M13Rik	2.1	
1418482_at	cytochrome b-561 domain containing 2	Cyb561d2	2.1	
1417288_at	pleckstrin homology domain-containing, family A	Plekha2	2.1	
1424469_a_at	cleavage and polyadenylation specific factor 4	Cpsf4	2.1	
1417108_at	kinesin light chain 4	Klc4	2.1	
1430279_at	RIKEN cDNA 3110038A09 gene	3110038A09Rik	2.1	
1420191_s_at	transmembrane protein 191C	Tmem191c	2.1	
1431944_at	RIKEN cDNA 4930484H19 gene	4930484H19Rik	2.1	
1420520_x_at	Era (G-protein)-like 1 (E. coli)	Eral1	2.1	
1426600_at	solute carrier family 2 (facilitated glucose transporter), member 1	Slc2a1	2.1	
1454717_at	ankyrin repeat domain 27 (VPS9 domain)	Ankrd27	2.1	
1417608_a_at	ribosomal protein L13a	Rpl13a	2.1	
1448498_at	ribosomal protein S6 kinase, polypeptide 4	Rps6ka4	2.1	
1417799_at	ATPase, H+ transporting, lysosomal V1 subunit G2	Atp6v1g2	2.1	
1457730_at	Fanconi anemia, complementation group M	Fancm	2.1	
1435182_at	coiled-coil domain containing 61	Ccdc61	2.1	
1452190_at	prolylcarboxypeptidase (angiotensinase C)	Prcp	2.1	
1424384_a_at	zinc and ring finger 1	Znrf1	2.1	
1428867_at	exocyst complex component 3-like 2	Exoc3l2	2.1	
1418553_at	rho/rac guanine nucleotide exchange factor (GEF) 18	Arhgef18	2.1	2.2
1416765_s_at	mitochondria protein for granulocyte-macrophage colony-stimulation	LOC100042179/// Magmas	2.1	
1425523_at	RNA binding motif protein 25	Rbm25	2.1	
1452120_at	N-acetyltransferase 11	Nat11	2.1	
1416580_a_at	STIP1 homology and U-Box containing protein 1	Stub1	2.1	
1426744_at	sterol regulatory element binding factor 2	Srebf2	2.1	
1433777_at	l(3)mbt-like 2 (Drosophila)	L3mbt2	2.1	
1420074_at	DNA segment, Chr 8, ERATO Doi 738, expressed	D8Erttd738e	2.1	
1427578_a_at	eukaryotic translation initiation factor 6	Eif6	2.1	
1440882_at	low density lipoprotein receptor-related protein 8	Lrp8	2.1	
1438542_at	Transformation related protein 53	Trp53	2.1	
1441979_at	cDNA sequence BC060267	BC060267	2.1	
1429531_at	sphingomyelin phosphodiesterase 4	Smpd4	2.1	
1422965_at	angiotensin II, type I receptor-associated protein	Agtrap	2.1	

1423914_at	RIKEN cDNA C630004H02 gene	C630004H02Rik	2.1	
1434804_at	exocyst complex component 6B	Exoc6b	2.1	
1423632_at	G protein-coupled receptor 146	Gpr146	2.1	
1451168_a_at	Rho GDP dissociation inhibitor (GDI) alpha	Arhgdia	2.1	
1423992_at	GATA zinc finger domain containing 2A	Gatad2a	2.1	
1417040_a_at	Bcl-2-related ovarian killer protein	Bok	2.1	
1454708_at	actin-binding LIM protein 1	Ablim1	2.1	
1455651_at	telomeric repeat binding factor 2	Terf2	2.1	
1427236_a_at	myeloid/lymphoid or mixed-lineage leukemia 5	Mll5	2.1	
1449553_at	Na ⁺ /K ⁺ transporting ATPase interacting 1	Nkain1	2.1	
1448345_at	translocase of outer mitochondrial membrane 34	Tomm34	2.1	
1424138_at	rhomboid family 1 (Drosophila)	Rhbdf1	2.1	
1438192_s_at	bromodomain adjacent to zinc finger domain, 2A	Baz2a	2.1	
1444518_at	Acyl-Coenzyme A oxidase 1, palmitoyl	Acox1	2.1	
1417287_at	histocompatibility 13	H13	2.1	
1449076_x_at	acireductone dioxygenase 1	Adi1	2.1	
1459179_at	DNA segment, Chr 8, ERATO Doi 268, expressed	D8Ertd268e	2.1	
1434805_at	myeloid/lymphoid or mixed-lineage leukemia (trithorax, Drosophila)	Mllt1	2.1	
1418508_a_at	growth factor receptor bound protein 2	Grb2	2.1	
1448960_at	CXXC finger 5	Cxxc5	2.1	
1451528_at	transmembrane protein 82	Tmem82	2.1	
1443684_at	predicted gene, ENSMUSG00000058045	ENSMUSG00000058045	2.1	
1428516_a_at	alkB, alkylation repair homolog 7 (E. coli)	Alkbh7	2.1	
1426461_at	UDP-glucose pyrophosphorylase 2	Ugp2	2.1	2.7
1435002_at	zinc finger protein 507	zfp507	2.1	
1436640_x_at	1-acylglycerol-3-phosphate O-acyltransferase 4	Agpat4	2.1	
1420760_s_at	N-myc downstream regulated gene 1	Ndr1	2.1	
1435414_s_at	dynactin 1	Dctn1	2.0	
1441098_at	poly(A)-specific ribonuclease (PARN)-like domain containing 1	Pnlnc1	2.0	
1428448_a_at	Mpv17 transgene, kidney disease mutant	Gtf3c2 /// Mpv17	2.0	
1443632_at	obscurin, cytoskeletal calmodulin and titin-interacting RhoGEF	Obscn	2.0	
1440823_x_at	Smoothelin-like 2	Smtnl2	2.0	
1426192_at	SWI/SNF related, regulator of chromatin	Smarcd2	2.0	
1429124_s_at	REX1, RNA exonuclease 1 homolog (S. cerevisiae)	Rex1	2.0	
1428748_at	RIKEN cDNA 5830428H23 gene	5830428H23Rik	2.0	
1454415_at	scaffold attachment factor B	Safb	2.0	
1460447_at	pseudouridylate synthase 7 homolog (S. cerevisiae)-like	Pus7l	2.0	
1417154_at	solute carrier family 25 (mitochondrial carrier, brain), member 14	Slc25a14	2.0	
1451500_at	Usher syndrome 1C binding protein 1	Ushbp1	2.0	
1424775_at	2'-5' oligoadenylate synthetase 1A	Oas1a	2.0	
1437664_at	homeo box D3	Hoxd3	2.0	
1435039_a_at	phosphatidylinositol-4-phosphate 5-kinase, type 1 alpha	Pip5k1a	2.0	
1425812_a_at	calcium channel, voltage-dependent, N type, alpha 1B subunit	Cacna1b	2.0	
1438763_at	dynein, axonemal, heavy chain 2	Dnahc2	2.0	
1430830_at	RIKEN cDNA A430105J06 gene	A430105J06Rik	2.0	
1417490_at	cathepsin B	Ctsb	2.0	2.0
1455665_at	LON peptidase N-terminal domain and ring finger 1	LOC631639 /// Lonrf1	2.0	

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1452258_at	PHD finger protein 20	Phf20	2.0			
1435364_at	cysteine and histidine rich 1	Cyhr1	2.0			
1431084_x_at	RIKEN cDNA 1810014B01 gene	1810014B01Rik	2.0			
1448643_at	Sjogren's syndrome nuclear autoantigen 1	Ssna1	2.0			
1424457_at	amyloid beta (A4) precursor protein-binding, family B, member 3	Apbb3	2.0			
1428635_at	catechol-O-methyltransferase domain containing 1	Comtd1	2.0			
1428327_at	trafficking protein, kinesin binding 1	Trak1	2.0			
1451073_at	signal peptide peptidase 3	Sppl3	2.0			
1440122_at	predicted gene, EG666504	EG666504	2.0			
1458085_at	UBX domain containing 5	Ubx5	2.0			
1448222_x_at	cytochrome c oxidase, subunit VIIIa	Cox8a	2.0			
1455630_at	dynein, axonemal, light chain 1	Dnal1	2.0			
1432340_at	RIKEN cDNA 1700121N20 gene	1700121N20Rik	2.0			
1437359_at	ribonucleic acid binding protein S1	Rnps1	2.0			
1416112_at	cytochrome c oxidase, subunit VIIIa	Cox8a	2.0			
1428405_at	host cell factor C1 regulator 1 (XPO1-dependent)	Hcfc1r1	2.0			
1419100_at	serine (or cysteine) peptidase inhibitor, clade A, member 3N	Serpina3n	2.0			
1436996_x_at	lysozyme 1	Lyz1			17.9	59.9
1419561_at	chemokine (C-C motif) ligand 3	Ccl3			32.3	44.4
1419872_at	colony stimulating factor 1 receptor	Csf1r			9.5	36.7
1418126_at	chemokine (C-C motif) ligand 5	Ccl5			5.5	33.9
1417017_at	cytochrome P450, family 17, subfamily a, polypeptide 1	Cyp17a1				30.9
1439426_x_at	lysozyme 1	Lyz1			13.1	28.5
1450783_at	interferon-induced protein with tetratricopeptide repeats 1	Ifit1			5.9	27.5
1437726_x_at	complement component 1, q subcomponent, beta polypeptide	C1qb			31.0	25.7
1450430_at	mannose receptor, C type 1	Mrc1			5.1	24.5
1448453_at	hydroxy-d-5-steroid dehydrogenase, 3 b- and steroid d-isomerase 1	Hsd3b1				22.6
1457666_s_at	interferon activated gene 202B	Ifi202b			3.4	21.9
1417936_at	chemokine (C-C motif) ligand 9	Ccl9			16.7	21.1
1423547_at	lysozyme 2	Lyz2			21.1	20.2
1421009_at	radical S-adenosyl methionine domain containing 2	Rsad2			27.7	19.0
1438855_x_at	tumor necrosis factor, alpha-induced protein 2	Tnfaip2				17.6
1448591_at	cathepsin S	Ctss			10.6	17.6
1420394_s_at	glycoprotein 49 A	Gp49a /// Lilrb4			20.4	16.1
1421578_at	chemokine (C-C motif) ligand 4	Ccl4			22.1	13.6
1416111_at	CD83 antigen	Cd83				13.3
1448748_at	pleckstrin	Plek			22.6	13.1
1449984_at	chemokine (C-X-C motif) ligand 2	Cxcl2			2.8	11.8
1419282_at	chemokine (C-C motif) ligand 12	Ccl12 /// LOC100048556			22.7	11.7
1436058_at	radical S-adenosyl methionine domain containing 2	Rsad2			6.8	11.5
1421551_s_at	interferon activated gene 202B	Ifi202b			3.4	11.4
1452231_x_at	interferon activated gene 203	Ifi203			7.1	10.1
1449145_a_at	caveolin, caveolae protein 1	Cav1				9.3
1448929_at	coagulation factor XIII, A1 subunit	F13a1			11.7	9.0
1426906_at	interferon activated gene 203	Ifi203			6.2	8.7
1423381_at	RIKEN cDNA 4921521F21 gene	4921521F21Rik				8.4

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1448749_at	pleckstrin	Plek			18.1	7.9
1448804_at	cytochrome P450, family 11, subfamily a, polypeptide 1	Cyp11a1				7.8
1419004_s_at	B-cell leukemia/lymphoma 2 related protein A1a, b, d	Bcl2a1a /// Bcl2a1b /// Bcl2a1d			2.0	6.9
1419598_at	membrane-spanning 4-domains, subfamily A, member 6D	Ms4a6d			17.4	6.7
1456084_x_at	fibromodulin	Fmod				6.1
1419873_s_at	colony stimulating factor 1 receptor	Csf1r			4.9	6.1
1427076_at	macrophage expressed gene 1	Mpeg1				6.1
1419132_at	toll-like receptor 2	Tlr2				5.8
1452349_x_at	interferon activated gene 205	Ifi205 /// Mnda			8.3	5.6
1418293_at	interferon-induced protein with tetratricopeptide repeats 2	Ifit2			19.7	5.4
1420804_s_at	C-type lectin domain family 4, member d	Clec4d			29.2	5.4
1419603_at	interferon activated gene 204	Ifi204			10.6	5.3
1423754_at	interferon induced transmembrane protein 3	Ifitm3			2.4	5.3
1451905_a_at	myxovirus (influenza virus) resistance 1	Mx1			26.4	5.2
1450792_at	TYRO protein tyrosine kinase binding protein	Tyrobp			7.4	5.1
1421228_at	chemokine (C-C motif) ligand 7	Ccl7			5.6	5.1
1426808_at	lectin, galactose binding, soluble 3	Lgals3				5.0
1439902_at	complement component 5a receptor 1	C5ar1			17.9	5.0
1449399_a_at	interleukin 1 beta	Il1b			12.2	4.9
1423110_at	collagen, type I, alpha 2	Col1a2				4.9
1420380_at	chemokine (C-C motif) ligand 2	Ccl2			3.0	4.8
1419589_at	CD93 antigen	Cd93			2.6	4.7
1415897_a_at	microsomal glutathione S-transferase 1	Mgst1				4.5
1415906_at	thymosin, beta 4, X chromosome	Tmsb4x				4.2
1448617_at	CD53 antigen	Cd53			16.0	4.2
1416953_at	connective tissue growth factor	Ctgf				4.2
1427040_at	MyoD family inhibitor domain containing	Mdfic				4.2
1437569_at	transmembrane protein 132E	Tmem132e				4.2
1424754_at	membrane-spanning 4-domains, subfamily A, member 7	Ms4a7		2.5	12.9	4.1
1417492_at	cathepsin B	Ctsb				4.1
1415904_at	lipoprotein lipase	Lpl				4.0
1432466_a_at	apolipoprotein E	ApoE			7.5	4.0
1441845_at	calcyphosphine 2	Caps2				3.9
1423584_at	insulin-like growth factor binding protein 7	Igfbp7				3.9
1426348_at	collagen, type IV, alpha 1	Col4a1				3.8
1454849_x_at	clusterin	Clu				3.8
1426955_at	collagen, type XVIII, alpha 1	Col18a1				3.8
1454677_at	tissue inhibitor of metalloproteinase 2	Timp2				3.8
1436346_at	CD109 antigen	Cd109			5.4	3.8
1416529_at	epithelial membrane protein 1	Emp1				3.8
1424051_at	collagen, type IV, alpha 2	Col4a2				3.7
1451860_a_at	tripartite motif-containing 30	Trim30			6.5	3.7
1452346_at	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1	B3gnt1			3.6	3.7
1425528_at	paired related homeobox 1	Prrx1				3.6
1423635_at	bone morphogenetic protein 2	Bmp2				3.6
1450857_a_at	collagen, type I, alpha 2	Col1a2				3.6

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1447845_s_at	vanin 1	Vnn1				3.5
1434141_at	guanylate cyclase 1, soluble, alpha 3	Gucy1a3				3.5
1418930_at	chemokine (C-X-C motif) ligand 10	Cxcl10 /// LOC100045000			7.0	3.5
1416468_at	aldehyde dehydrogenase family 1, subfamily A1	Aldh1a1				3.5
1434195_at	protease, serine, 35	Prss35				3.5
1433950_at	immunoglobulin superfamily, member 21	Igsf21			3.8	3.5
1422458_at	T-cell lymphoma breakpoint 1	Tcl1			14.5	3.5
1426947_x_at	collagen, type VI, alpha 2	Col6a2				3.5
1423770_at	transmembrane channel-like gene family 6	Tmc6				3.5
1423909_at	transmembrane protein 176A	Tmem176a				3.5
1418626_a_at	clusterin	Clu				3.4
1431110_at	plexin domain containing 2	Plxdc2				3.4
1417426_at	serglycin	Srgn			4.6	3.4
1426276_at	interferon induced with helicase C domain 1	Ifih1				3.4
1437458_x_at	clusterin	Clu				3.4
1422943_a_at	heat shock protein 1	Hspb1				3.4
1427884_at	collagen, type III, alpha 1	Col3a1				3.4
1417023_a_at	fatty acid binding protein 4, adipocyte	Fabp4				3.4
1455258_at	potassium voltage gated channel, member 2	Kcnc2			5.6	3.3
1418606_at	homeo box D10	Hoxd10			4.1	3.3
1437992_x_at	gap junction protein, alpha 1	Gja1				3.3
1426640_s_at	tribbles homolog 2 (Drosophila)	Trib2				3.3
1416617_at	acyl-CoA synthetase short-chain family member 1	Acss1			3.4	3.3
1454862_at	pleckstrin homology-like domain, family B, member 2	Phldb2				3.2
1417027_at	tripartite motif-containing 2	Trim2				3.2
1430125_s_at	PQ loop repeat containing 1	Pqlc1				3.2
1437689_x_at	clusterin	Clu				3.2
1436097_x_at	Rho GTPase activating protein 9	Arhgap9				3.2
1418237_s_at	collagen, type XVIII, alpha 1	Col18a1				3.2
1421671_at	hydroxysteroid (17-beta) dehydrogenase 3	Hsd17b3				3.2
1448169_at	keratin 18	Krt18				3.2
1427883_a_at	collagen, type III, alpha 1	Col3a1				3.2
1445328_at	collagen, type IV, alpha 4	Col4a4			2.6	3.2
1417273_at	pyruvate dehydrogenase kinase, isoenzyme 4	Pdk4			3.1	3.2
1448590_at	collagen, type VI, alpha 1	Col6a1				3.2
1438945_x_at	gap junction protein, alpha 1	Gja1				3.1
1453217_at	RIKEN cDNA 4930527E24 gene	4930527E24Rik /// LOC666096				3.1
1415949_at	carboxypeptidase E	Cpe /// LOC100046434				3.1
1448323_a_at	biglycan	Bgn				3.1
1431375_s_at	parvin, alpha	Parva				3.1
1418726_a_at	troponin T2, cardiac	Tnnt2			2.8	3.1
1455188_at	Eph receptor B1	Ephb1				3.1
1424769_s_at	caldesmon 1	Cald1				3.1
1419738_a_at	tropomyosin 2, beta	Tpm2				3.1
1418912_at	plexin domain containing 2	Plxdc2				3.1
1448162_at	vascular cell adhesion molecule 1	Vcam1				3.1

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1429189_at	arylsulfatase B	Arsb				3.1
1417801_a_at	protein tyrosine phosphatase, receptor-type, F interacting protein	Ppfbp2				3.1
1454764_s_at	solute carrier family 38, member 1	Slc38a1				3.1
1415973_at	myristoylated alanine rich protein kinase C substrate	Marcks				3.1
1415800_at	gap junction protein, alpha 1	Gja1				3.1
1420630_at	RIKEN cDNA 8430419L09 gene	8430419L09Rik				3.0
1418341_at	RAB4A, member RAS oncogene family	Rab4a				3.0
1442434_at	DNA segment, Chr 8, ERATO Doi 82, expressed	D8Erttd82e				3.0
1434842_s_at	UPF3 regulator of nonsense transcripts homolog B (yeast)	Upf3b			2.3	3.0
1419483_at	complement component 3a receptor 1	C3ar1			21.2	3.0
1454658_at	ilvB (bacterial acetolactate synthase)-like	Ilvb1				3.0
1438650_x_at	gap junction protein, alpha 1	Gja1				3.0
1415983_at	lymphocyte cytosolic protein 1	Lcp1				3.0
1440250_at	collagen, type IV, alpha 4	Col4a4			4.3	3.0
1427674_a_at	seizure related gene 6	Sez6				3.0
1437889_x_at	biglycan	Bgn				3.0
1454704_at	scavenger receptor class B, member 2	Scarb2				3.0
1438933_x_at	RAS, guanyl releasing protein 2	Rasgrp2			4.7	3.0
1417343_at	FXFD domain-containing ion transport regulator 6	Fxyd6				2.9
1424010_at	microfibrillar-associated protein 4	Mfap4				2.9
1422573_at	AMP deaminase 3	Ampd3				2.9
1450757_at	cadherin 11	Cdh11				2.9
1416405_at	biglycan	Bgn				2.9
1448194_a_at	H19 fetal liver mRNA	H19			2.8	2.9
1448263_a_at	CNDP dipeptidase 2 (metallopeptidase M20 family)	Cndp2				2.9
1448416_at	matrix Gla protein	Mgp				2.9
1449816_at	sulfotransferase family 5A, member 1	Sult5a1				2.9
1438973_x_at	gap junction protein, alpha 1	Gja1				2.8
1416411_at	glutathione S-transferase, mu 2	Gstm2				2.8
1426246_at	protein S (alpha)	Pros1				2.8
1415948_at	cellular repressor of E1A-stimulated genes 1	Creg1				2.8
1421998_at	torsin family 3, member A /// similar to ADIR1	LOC100047963 /// Tor3a				2.8
1450905_at	plexin C1	Plxnc1				2.8
1416454_s_at	actin, alpha 2, smooth muscle, aorta	Acta2				2.8
1452141_a_at	selenoprotein P, plasma, 1	Sepp1			7.3	2.8
1435026_at	sparc/osteonectin, cwcv and kazal-like domains proteoglycan 2	Spock2				2.8
1448755_at	collagen, type XV, alpha 1	Col15a1				2.8
1422804_at	serine (or cysteine) peptidase inhibitor, clade B, member 6b	Serpnb6b				2.8
1455591_at	zinc fingerprotein 618	Zfp618			3.3	2.8
1435176_a_at	inhibitor of DNA binding 2	Id2			3.1	2.8
1417141_at	interferon gamma induced GTPase	Igtp			3.4	2.8
1423477_at	zinc finger protein of the cerebellum 1 /// similar to Zic protein	LOC100044533 /// Zic1			10.4	2.8
1449318_at	tubulin, gamma 2 /// similar to Tubulin, gamma 2	LOC100045019 /// Tubg2			2.2	2.8
1422437_at	collagen, type V, alpha 2	Col5a2				2.8
1439364_a_at	matrix metallopeptidase 2	Mmp2				2.8
1434779_at	cerebellin 2 precursor protein	Cbln2			10.1	2.8

Probeset ID	Gene Title	Gene Symbol	8mo	60d	21d	6d
1429089_s_at	RIKEN cDNA 2900026A02 gene	2900026A02Rik			6.6	2.8
1456250_x_at	transforming growth factor, beta induced	Tgfb1				2.7
1417143_at	lysophosphatidic acid receptor 1	Lpar1				2.7
1450428_at	LIM homeobox protein 1	Lhx1			7.1	2.7
1423986_a_at	shisa homolog 5 (<i>Xenopus laevis</i>)	Shisa5			2.7	2.7
1417262_at	prostaglandin-endoperoxide synthase 2	Ptgs2			2.6	2.7
1423555_a_at	interferon-induced protein 44	Ifi44			4.0	2.7
1452014_a_at	insulin-like growth factor 1	Igf1				2.7
1450165_at	schlafen 2	Slfm2			6.2	2.7
1417162_at	transmembrane BAX inhibitor motif containing 1	Tmbim1				2.7
1435349_at	neuropilin 2	Nrp2			3.5	2.7
1424599_at	fibrinogen-like protein 1	Fgl1			6.0	2.7
1450872_s_at	lysosomal acid lipase A	Lipa			3.3	2.6
1455164_at	Cdc42 GTPase-activating protein	Cdgap				2.6
1423104_at	insulin receptor substrate 1	Irs1				2.6
1456292_a_at	vimentin	Vim				2.6
1449201_at	steroidogenic acute regulatory protein	Star				2.6
1448259_at	folliculin-like 1	Fstl1				2.6
1416298_at	matrix metalloproteinase 9	Mmp9				2.6
1437555_at	BarH-like 2 (<i>Drosophila</i>)	Barhl2			6.2	2.5
1417111_at	mannosidase 1, alpha	Man1a				2.5
1448816_at	prostaglandin I2 (prostacyclin) synthase	Ptgis				2.5
1426397_at	transforming growth factor, beta receptor II	Tgfb2				2.5
1416401_at	CD82 antigen	Cd82			2.0	2.5
1452840_at	RIKEN cDNA 1500009L16 gene	1500009L16Rik			4.2	2.5
1424249_a_at	Rho GTPase activating protein 9	Arhgap9				2.5
1453159_at	EF-hand domain (C-terminal) containing 1	Efhc1				2.5
1456733_x_at	serine (or cysteine) peptidase inhibitor, clade H, member 1	Serpinh1				2.5
1422618_x_at	predicted gene, ENSMUSG00000073257	EG546272				2.5
1426864_a_at	neural cell adhesion molecule 1	Ncam1				2.5
1435203_at	mannosidase 2, alpha 2	Man2a2				2.5
1450625_at	collagen, type V, alpha 2	Col5a2				2.5
1429688_at	aryl hydrocarbon receptor nuclear translocator-like 2	Arntl2				2.4
1436359_at	ret proto-oncogene	Ret			6.1	2.4
1420453_at	crystallin, gamma S	Crygs			3.6	2.4
1450641_at	vimentin	Vim				2.4
1460363_at	trinucleotide repeat containing 6C	Tnrc6c				2.4
1423478_at	protein kinase C, beta 1	Prkcb1				2.4
1435718_at	adaptor-related protein complex 3, sigma 2 subunit	Ap3s2				2.4
1425811_a_at	cysteine and glycine-rich protein 1	Csrp1				2.4
1435066_at	phosphatidylinositol transfer protein, cytoplasmic 1	Pitpnc1			2.3	2.4
1460177_at	CNDP dipeptidase 2 (metalloproteinase M20 family)	Cndp2				2.4
1452309_at	cingulin-like 1	Cgnl1				2.4
1435264_at	elastin microfibril interfacier 2	Emilin2			2.3	2.4
1448946_at	kinesin family member 3C	Kif3c				2.4
1438118_x_at	vimentin	Vim				2.4

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1434528_at	alanine and arginine rich domain containing protein	Aard				2.4
1437614_x_at	zinc finger, DHHC domain containing 14	Zdhhc14			2.9	2.4
1434642_at	hydroxysteroid (17-beta) dehydrogenase 11	Hsd17b11				2.3
1417928_at	PDZ and LIM domain 4	Pdlim4				2.3
1450839_at	DNA segment, human D4S114	D0H4S114				2.3
1455235_x_at	lactate dehydrogenase B	Ldhb				2.3
1417404_at	ELOVL family member 6, elongation of long chain fatty acids (yeast)	Elov16		3.1		2.3
1416236_a_at	myelin protein zero-like 2	Mpzl2				2.3
1422529_s_at	calsequestrin 2	Casq2				2.3
1451911_a_at	angiotensin I converting enzyme (peptidyl-dipeptidase A) 1	Ace				2.3
1447602_x_at	sulfatase 2	Sulf2				2.3
1438133_a_at	cysteine rich protein 61	Cyr61				2.3
1454726_s_at	protein tyrosine phosphatase domain containing 1	Ptpdc1				2.3
1456379_x_at	delta/notch-like EGF-related receptor	Dner			4.5	2.3
1435010_at	ankyrin repeat and SOCS box-containing protein 7	Asb7				2.3
1434089_at	synaptopodin	Synpo				2.3
1427306_at	ryanodine receptor 1, skeletal muscle	Ryr1				2.3
1433979_at	RNA binding motif, single stranded interacting protein 2	Rbms2		2.8		2.3
1451161_a_at	EGF-like module containing, hormone receptor-like sequence 1	Emr1		6.1		2.3
1428910_at	RIKEN cDNA 2310022B05 gene	2310022B05Rik				2.3
1428547_at	5' nucleotidase, ecto	Nt5e				2.3
1452304_a_at	Rho guanine nucleotide exchange factor (GEF) 5	Arhgef5				2.3
1454824_s_at	mitochondrial tumor suppressor 1	Mtms1		2.3		2.3
1455308_at	transmembrane protein 16F	Tmem16f				2.3
1451446_at	anthrax toxin receptor 1	Antxr1				2.3
1423428_at	receptor tyrosine kinase-like orphan receptor 2	Ror2				2.3
1452114_s_at	insulin-like growth factor binding protein 5	Igfbp5				2.3
1416441_at	plasma glutamate carboxypeptidase	Pgcp				2.3
1452269_at	spectrin beta 3	Spnb3		3.6		2.2
1455531_at	major facilitator superfamily domain containing 4	Mfsd4				2.2
1460244_at	ureidopropionase, beta	Upb1				2.2
1418753_at	glutamine fructose-6-phosphate transaminase 2	Gfpt2				2.2
1450627_at	progressive ankylosis	Ank		3.3		2.2
1434111_at	similar to calcium-independent alpha-latrotoxin receptor homol	LOC100048050 /// Lphn2				2.2
1441945_s_at	abhydrolase domain containing 14A	Abhd14a				2.2
1429032_at	MICAL C-terminal like	Micalcl			2.3	2.2
1438975_x_at	zinc finger, DHHC domain containing 14	Zdhhc14			3.0	2.2
1423668_at	zinc finger, DHHC domain containing 14	Zdhhc14			2.3	2.2
1451298_at	pleckstrin homology domain containing, family H (with MyTH4 domain) member 3	Plekhh3				2.2
1434992_at	RIKEN cDNA 9130206N08 gene	9130206N08Rik				2.2
1448944_at	neuropilin 1	Nrp1				2.2
1450852_s_at	coagulation factor II (thrombin) receptor	F2r		3.0		2.2
1454966_at	integrin alpha 8	Itga8				2.2
1448241_at	GM2 ganglioside activator protein	Gm2a				2.2
1415961_at	integral membrane protein 2C	Itm2c				2.2
1448696_at	hephaestin	Heph				2.2

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1424368_s_at	ubiquilin 1	Ubqln1				2.2
1456046_at	CD93 antigen	Cd93				2.2
1438151_x_at	zinc finger, DHHC domain containing 14	Zdhhc14				2.2
1449404_at	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha	Pip4k2a			2.1	2.2
1416808_at	nidogen 1	Nid1			3.4	2.2
1416918_at	discs, large homolog 3 (Drosophila)	Dlg3				2.2
1438116_x_at	solute carrier family 9	Slc9a3r1				2.2
1429842_at	malate dehydrogenase 1B, NAD (soluble)	Mdh1b				2.2
1419938_s_at	Rho guanine nucleotide exchange factor (GEF) 17	Arhgef17				2.1
1442865_at	diacylglycerol kinase kappa	Dgkk			6.2	2.1
1419582_at	cytochrome P450, family 2, subfamily c, polypeptide 55	Cyp2c55				2.1
1455429_at	expressed sequence AI450540	AI450540				2.1
1431591_s_at	ISG15 ubiquitin-like modifier	Isg15 /// LOC100038882			4.5	2.1
1437308_s_at	coagulation factor II (thrombin) receptor	F2r			2.6	2.1
1426241_a_at	sex comb on midleg homolog 1	Scmh1				2.1
1429052_at	protein tyrosine phosphatase, receptor type, D	Ptprd				2.1
1437339_s_at	proprotein convertase subtilisin/kexin type 5	Pcsk5				2.1
1450475_at	distal-less homeobox 3	Dlx3			3.4	2.1
1424339_at	2'-5' oligoadenylate synthetase-like 1	Oasl1			12.5	2.1
1436501_at	mitochondrial tumor suppressor 1	Mtus1				2.1
1418046_at	nucleosome assembly protein 1-like 2	Nap1l2				2.1
1422617_at	predicted gene, ENSMUSG00000073257	EG546272 /// LOC100039003				2.1
1456642_x_at	S100 calcium binding protein A10 (calpactin)	S100a10				2.1
1427168_a_at	collagen, type XIV, alpha 1	Col14a1				2.1
1456133_x_at	integrin beta 5	Itgb5				2.1
1437671_x_at	protease, serine, 23	Prss23				2.1
1455215_at	RIKEN cDNA C530028O21 gene	C530028O21Rik				2.1
1434112_at	similar to calcium-independent alpha-latrotoxin receptor homol	LOC100048050 /// Lphn2				2.1
1451592_at	Myb protein P42POP	P42pop				2.1
1460419_a_at	protein kinase C, beta 1	Prkcb1		2.5		2.1
1439152_at	methenyltetrahydrofolate synthetase domain containing	Mthfsd				2.1
1448690_at	potassium channel, subfamily K, member 1	Kcnk1				2.1
1428340_s_at	ATPase type 13A2	Atp13a2				2.1
1455316_x_at	predicted gene, ENSMUSG00000073624	ENSMUSG00000073624				2.1
1415903_at	solute carrier family 38, member 1	Slc38a1				2.1
1417996_at	neuroglobin	Ngb				2.1
1418445_at	solute carrier family 16	Slc16a2				2.0
1435925_at	G protein-coupled receptor kinase-interactor 2	Git2				2.0
1416165_at	RAB31, member RAS oncogene family	Rab31				2.0
1428615_at	purinergic receptor P2Y, G-protein coupled, 5	P2ry5				2.0
1451728_at	WD repeat domain 13	Wdr13				2.0
1445710_x_at	double homeobox B-like	Duxbl				2.0
1460259_s_at	chloride channel calcium activated 1	Clca1 /// Clca2				2.0
1454890_at	angiomin	Amot			3.0	2.0
1424470_a_at	Rap guanine nucleotide exchange factor (GEF) 3	Rapgef3				2.0
1415935_at	SPARC related modular calcium binding 2	Smoc2				2.0

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1436495_s_at	zinc finger protein 260	Zfp260				2.0
1437466_at	activated leukocyte cell adhesion molecule	Alcam				2.0
1416368_at	glutathione S-transferase, alpha 4	Gsta4				2.0
1426567_a_at	PQ loop repeat containing 1	Pqlc1				2.0
1424562_a_at	solute carrier family 25	Slc25a4				2.0
1433796_at	endonuclease domain containing 1	Endod1				2.0
1455900_x_at	transglutaminase 2, C polypeptide	Tgm2				2.0
1448237_x_at	lactate dehydrogenase B	Ldhb				2.0
1427659_at	Mus musculus, clone IMAGE:4006890	---		5.1		
1425398_at	histone cluster 1, H2bc, H2bb, H2be	Hist1h2bb /// Hist1h2bc		3.4		
1444674_at	expressed sequence AU015680	AU015680		3.1	6.5	
1416871_at	a disintegrin and metallopeptidase domain 8	Adam8		3.1	2.1	
1436530_at	predicted gene, OTTMUSG00000000971	OTTMUSG00000000971		3.0	9.0	
1427537_at	epiplakin 1	Eppk1		3.0	2.7	
1437777_at	activating transcription factor 2	Atf2		2.9	4.3	
1441410_at	DNA segment, Chr 2, ERATO Doi 112, expressed	D2Ertd112e		2.8	3.9	
1417061_at	solute carrier family 40 (iron-regulated transporter), member 1	Slc40a1		2.8	4.1	
1450435_at	L1 cell adhesion molecule	L1cam		2.7	2.2	
1445830_at	catenin (cadherin associated protein), delta 1	Ctnnd1		2.6	3.0	
1445226_at	cDNA sequence BC023969	BC023969		2.6		
1435435_at	cortactin binding protein 2	Cttnbp2		2.6		
1457535_at	RIKEN cDNA 4932438A13 gene	4932438A13Rik		2.6	7.3	
1444418_at	Inositol 1,4,5-triphosphate receptor 2	Itpr2		2.6		
1434850_at	IQ motif containing GTPase activating protein 3	Iqgap3		2.6		
1435197_at	POU domain, class 3, transcription factor 3	Pou3f3		2.6		
1434433_x_at	WD repeat domain 61	Wdr61		2.5		
1438222_at	DNA segment, Chr 2, ERATO Doi 612, expressed	D2Ertd612e		2.5	5.6	
1444320_at	DDHD domain containing 2	Ddhd2		2.5	6.1	
1436769_at	proteasome (prosome, macropain) subunit, alpha type 1	Psm1		2.5		
1448961_at	phospholipid scramblase 2	Plscr2		2.5		
1457174_at	expressed sequence AU015680	AU015680		2.5	4.7	
1447977_x_at	novel KRAB box and zinc finger	LOC668030 /// RP23-355G16.5		2.5		
1425856_at	Calcium and integrin binding 1 (calmyrin)	Cib1		2.4		
1460069_at	structural maintenance of chromosomes 6	Smc6		2.4	4.9	
1429934_at	RIKEN cDNA 4930502E18 gene	4930502E18Rik		2.4		
1436370_at	guanylate cyclase 2c	Gucy2c		2.4		
1447266_at	small subunit (SSU) processome component, homolog (yeast)	Utp18		2.4		
1459884_at	cytochrome c oxidase, subunit VIIc	Cox7c /// LOC100041521		2.3		
1429024_at	RNA binding motif protein 20	Rbm20		2.3		
1431556_at	RIKEN cDNA 4930435M08 gene	4930435M08Rik		2.3		
1445888_x_at	poly (ADP-ribose) polymerase family, member 3	Parp3		2.3		
1455087_at	DNA segment, Chr 7, ERATO Doi 715, expressed	D7Ertd715e		2.3	2.3	
1454833_at	ribosomal protein L35	Rpl35		2.2	2.1	
1443396_at	survival motor neuron domain containing 1	LOC545792 /// Smndc1		2.2	4.8	
1439847_s_at	Kruppel-like factor 12	Klf12		2.2		
1428784_at	Gem-interacting protein	Gmip		2.2		

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1436119_at	aldehyde dehydrogenase 1 family, member L2	Aldh1l2		2.2	3.3	
1429202_at	RIKEN cDNA 2610019N06 gene	2610019N06Rik		2.2		
1457673_at	RIKEN cDNA 6820431F20 gene	6820431F20Rik		2.2		
1441535_at	Myeloid/lymphoid or mixed-lineage leukemia (trithorax , Drosophila)	Mllt3		2.2		
1415995_at	caspase 6	Casp6		2.2		
1453661_at	RIKEN cDNA 9130403I23 gene	9130403I23Rik		2.2		
1439126_at	RIKEN cDNA 1110007A13 gene	1110007A13Rik		2.2	3.9	
1447901_x_at	Sfi1 homolog, spindle assembly associated (yeast)	Sfi1		2.1		
1427681_s_at	vomeronasal 2, receptor 88	Vmn2r88		2.1		
1418548_at	seminal vesicle secretory protein 6	Svs6		2.1		
1453431_at	RIKEN cDNA 2610206C17 gene	2610206C17Rik		2.1		
1440048_at	SWI/SNF related, regulator of chromatin	Smarca5		2.1	4.1	
1431434_at	serine/threonine kinase 39, STE20/SPS1 homolog (yeast)	Stk39		2.0	9.0	
1427193_at	bromodomain containing 8	Brd8		2.0	2.4	
1447946_at	a disintegrin and metallopeptidase domain 23	Adam23			3.0	
1435769_at	A kinase (PRKA) anchor protein (yotiao) 9	Akap9			2.5	
1447913_x_at	A kinase (PRKA) anchor protein (yotiao) 9	Akap9			2.8	
1447912_x_at	A kinase (PRKA) anchor protein (yotiao) 9	Akap9			3.1	
1455151_at	A kinase (PRKA) anchor protein (yotiao) 9	Akap9			4.4	
1437082_at	A kinase (PRKA) anchor protein (yotiao) 9	Akap9			4.5	
1430185_at	A kinase (PRKA) anchor protein 13	Akap13			6.0	
1448490_at	aarF domain containing kinase 4	Adck4			2.1	
1458053_at	abl-interactor 2	Abi2			8.7	
1426942_at	absent in melanoma 1	Aim1			2.6	
1427052_at	acetyl-Coenzyme A carboxylase beta	Acacb /// LOC100047358			2.5	
1442295_at	Actin related protein 2/3 complex, subunit 2	Arpc2			3.5	
1448279_at	actin related protein 2/3 complex, subunit 3	Arpc3			2.1	
1448327_at	actinin alpha 2	Actn2			3.1	
1433477_at	active BCR-related gene	Abr			3.9	
1450764_at	acyloxyacyl hydrolase	Aoah			2.8	
1432007_s_at	adaptor protein complex AP-2, alpha 2 subunit	Ap2a2			3.6	
1417527_at	adaptor-related protein complex 3, mu 2 subunit	Ap3m2			3.0	
1435892_at	additional sex combs like 3 (Drosophila)	Asxl3			3.2	
1435543_at	adenomatosis polyposis coli	Apc			2.0	
1434268_at	adenosine deaminase, RNA-specific	Adar			2.3	
1439276_at	Adenosine deaminase, RNA-specific	Adar			3.2	
1434722_at	adenosine monophosphate deaminase 1 (isoform M)	Ampd1			2.5	
1456307_s_at	adenylate cyclase 7	Adcy7			3.7	
1450065_at	adenylate cyclase 7	Adcy7			3.9	
1434454_at	adenylate cyclase 9	Adcy9			2.1	
1419811_at	adenylate cyclase 9	Adcy9			2.6	
1421830_at	adenylate kinase 3 alpha-like 1 /// similar to adenylylate kinase 4	Ak3l1			2.6	
1450387_s_at	adenylate kinase 3 alpha-like 1 /// similar to adenylylate kinase 4	Ak3l1			3.3	
1448318_at	adipose differentiation related protein	Adfp			4.1	
1456917_at	ADP-ribosylation factor guanine nucleotide-exchange factor 1	Arfgef1			5.2	
1433939_at	AF4/FMR2 family, member 3	Aff3			3.6	

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1426670_at	agrin	Agrrn			2.2	
1451461_a_at	aldolase 3, C isoform	Aldoc			3.9	
1416645_a_at	alpha fetoprotein	Afp			3.4	
1416646_at	alpha fetoprotein	Afp			3.9	
1420947_at	alpha thalassemia/mental retardation syndrome X-linked homolog	Atrx			2.4	
1433537_at	alpha thalassemia/mental retardation syndrome X-linked homolog	Atrx			2.7	
1433649_at	amine oxidase, flavin containing 1	Aof1			2.2	
1434507_at	aminopeptidase-like 1	Npepl1			2.5	
1444668_at	amplified spermatogenic transcripts X encoded	Astx			3.3	
1417783_at	amyotrophic lateral sclerosis 2 (juvenile) homolog (human)	Als2			2.1	
1435880_at	ankrin repeat domain 50	Ankrd50			2.1	
1443654_at	ankyrin repeat and FYVE domain containing 1	Ankfy1			4.6	
1456110_at	ankyrin repeat domain 11 /// hypothetical protein LOC629623	Ankrd11 /// LOC629623			2.4	
1421220_at	ankyrin repeat domain 17	Ankrd17			2.8	
1437217_at	ankyrin repeat domain 6	Ankrd6			2.7	
1438764_at	annexin A7	Anxa7			2.1	
1441141_at	Antagonist of mitotic exit network 1 homolog (S. cerevisiae)	Amn1			4.5	
1454670_at	arginine glutamic acid dipeptide (RE) repeats	Rere			2.1	
1459958_at	arginine/serine-rich coiled-coil 1	Rsrc1			3.6	
1443559_at	Arginine/serine-rich coiled-coil 2	Rsrc2			2.6	
1445934_at	ariadne homolog 2 (Drosophila)	Arih2			2.3	
1415780_a_at	armadillo repeat containing, X-linked 2	Armxc2			2.4	
1456739_x_at	armadillo repeat containing, X-linked 2	Armxc2			2.5	
1457970_at	ARP1 actin-related protein 1 homolog A (yeast)	Actr1a			2.4	
1441660_at	ARP2 actin-related protein 2 homolog (yeast)	Actr2			2.9	
1426239_s_at	arrestin, beta 2	Arrb2			2.2	
1420985_at	ash1 (absent, small, or homeotic)-like (Drosophila)	Ash1l			2.2	
1452958_at	aspartate beta-hydroxylase domain containing 2	Asphd2			3.0	
1460579_at	aspartyl aminopeptidase	Dnpep			2.3	
1446472_at	AT hook containing transcription factor 1	Ahctf1			3.6	
1438816_at	AT hook containing transcription factor 1	Ahctf1			6.3	
1438921_at	Ataxia telangiectasia and Rad3 related	Atr			4.8	
1459363_at	Ataxin 2	Atxn2			3.2	
1436358_at	ATP synthase mitochondrial F1 complex assembly factor 1	Atpaf1			2.1	
1438809_at	ATP synthase, H+ transporting, mitochondrial F1 complex	Atp5c1			2.0	
1438178_x_at	ATPase family, AAA domain containing 3A	Atad3a			2.0	
1456541_x_at	ATPase family, AAA domain containing 3A	Atad3a			2.2	
1417475_at	ATPase type 13A1	Atp13a1			2.1	
1437797_at	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2	Atp2a2			7.3	
1439215_at	ATPase, Ca++-sequestering	Atp2c1			4.1	
1455396_at	ATPase, class I, type 8B, member 1	Atp8b1			2.2	
1434026_at	Atpase, class I, type 8B, member 2	Atp8b2			2.2	
1449622_s_at	ATPase, H+ transporting, lysosomal accessory protein 1	Atp6ap1			2.5	
1421840_at	ATP-binding cassette, sub-family A (ABC1), member 1	Abca1			2.6	
1427371_at	ATP-binding cassette, sub-family A (ABC1), member 8a	Abca8a			4.2	
1452233_at	ATP-binding cassette, sub-family C (CFTR/MRP), member 1	Abcc1			2.0	

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1423570_at	ATP-binding cassette, sub-family G (WHITE), member 1	Abcg1			3.2	
1456060_at	avian musculoaponeurotic fibrosarcoma (v-maf) AS42 oncogene	Maf			8.7	
1434284_at	B double prime 1, pol III transcription initiation factor	Bdp1			2.2	
1442959_at	baculoviral IAP repeat-containing 6	Birc6			6.0	
1424890_at	basonuclin 1	Bnc1			2.4	
1438861_at	basonuclin 2	Bnc2			3.4	
1418421_at	B-cell CLL/lymphoma 6, member B	Bcl6b			3.8	
1428207_at	B-cell CLL/lymphoma 7A	Bcl7a			2.4	
1451574_at	B-cell CLL/lymphoma 9	Bcl9			3.8	
1421818_at	B-cell leukemia/lymphoma 6	Bcl6			2.1	
1455771_at	benzodiazepine receptor associated protein 1	Bzrap1			3.5	
1443142_at	beta-transducin repeat containing protein	Btrc			6.7	
1419304_at	brachyury				5.6	
1442749_at	Braf transforming gene	Braf			4.1	
1430047_at	BRCT domain containing 1	Brctd1			3.4	
1452368_at	breakpoint cluster region homolog	Bcr			2.2	
1438198_at	Bri3 binding protein	Bri3bp			2.0	
1434824_at	bromodomain adjacent to zinc finger domain, 1B	Baz1b			2.1	
1445048_at	bromodomain adjacent to zinc finger domain, 2B	Baz2b			4.7	
1424921_at	bromodomain containing 4 /// bone marrow stromal cell antigen 2	Brd4 /// Bst2			2.0	
1427192_a_at	bromodomain containing 8	Brd8			2.5	
1452350_at	bromodomain containing 8	Brd8			3.0	
1444667_at	bromodomain, testis-specific	Brdt			5.1	
1452240_at	bruno-like 4, RNA binding protein (Drosophila)	Brunol4			2.7	
1432910_at	BTB (POZ) domain containing 7	Btbd7			7.5	
1417393_a_at	C1q domain containing 2	C1qdc2				
1433686_at	calcineurin binding protein 1	Cabin1			2.7	
1421297_a_at	calcium channel, voltage-dependent, L type, alpha 1C subunit	Cacna1c			2.7	
1438643_at	Calcium/calmodulin-dependent protein kinase ID	Camk1d			5.6	
1448676_at	calcium/calmodulin-dependent protein kinase II, beta	Camk2b			2.3	
1439168_at	calcium/calmodulin-dependent protein kinase II, delta	Camk2d			3.0	
1433971_at	calmodulin binding transcription activator 1	Camta1			2.7	
1417606_a_at	calreticulin	Calr			2.2	
1421861_at	calsyntenin 1	Clstn1			2.0	
1450355_a_at	capping protein (actin filament), gelsolin-like	Capg			4.1	
1434316_at	carbohydrate (chondroitin) synthase 1	Chsy1 /// LOC100047167			2.4	
1427912_at	carbonyl reductase 3	Cbr3			2.3	
1438156_x_at	carnitine palmitoyltransferase 1a, liver	Cpt1a			2.3	
1434866_x_at	carnitine palmitoyltransferase 1a, liver	Cpt1a			2.4	
1422825_at	CART prepropeptide	Cartpt			3.6	
1439342_at	Caseinolytic peptidase X (E.coli)	Clpx			3.5	
1449265_at	caspase 1 /// hypothetical protein LOC100044207	Casp1 /// LOC100044207			7.8	
1448659_at	caspase 7	Casp7			2.2	
1448128_at	cathepsin A	Ctsa			2.4	
1448732_at	cathepsin B	Ctsb			2.8	
1443084_at	cathepsin O	Ctso			2.3	

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1417869_s_at	cathepsin Z	Ctsz			2.1	
1417870_x_at	cathepsin Z	Ctsz			2.7	
1417868_a_at	cathepsin Z	Ctsz			2.7	
1448715_x_at	CCR4 carbon catabolite repression 4-like (S. cerevisiae)	Ccrn4l /// Cog6			2.4	
1421000_at	CCR4-NOT transcription complex, subunit 4	Cnot4			2.1	
1434311_at	CCR4-NOT transcription complex, subunit 6-like	Cnot6l			2.0	
1417268_at	CD14 antigen	Cd14			12.7	
1419714_at	CD274 antigen	Cd274			7.6	
1445882_at	CD300 antigen like family member B	Cd300lb			2.2	
1450883_a_at	CD36 antigen	Cd36			10.0	
1423166_at	CD36 antigen	Cd36			13.5	
1433741_at	CD38 antigen	Cd38			2.6	
1439221_s_at	CD40 antigen	Cd40			2.1	
1460415_a_at	CD40 antigen	Cd40			2.6	
1420404_at	CD86 antigen	Cd86			4.4	
1449858_at	CD86 antigen	Cd86			17.1	
1416066_at	CD9 antigen	Cd9			2.1	
1443294_at	Cdc2-related kinase, arginine/serine-rich	Crkrs			4.7	
1442260_at	Cdc42 binding protein kinase alpha	Cdc42bpa			4.8	
1430039_at	CDK5 regulatory subunit associated protein 1-like 1	Cdkal1			3.5	
1447896_s_at	CDNA clone IMAGE:1196043	---			2.5	
1436798_at	CDNA clone IMAGE:5039327	---			2.1	
1454980_at	CDNA clone IMAGE:582204	---			2.0	
1459721_at	CDNA clone IMAGE:6406267	---			2.9	
1424609_a_at	cDNA sequence BC003993 /// hypothetical protein	BC003993 /// LOC100039204			5.7	
1424607_a_at	cDNA sequence BC003993 /// hypothetical protein	BC003993 /// LOC100039204			5.9	
1444268_at	cDNA sequence BC004004	BC004004			3.2	
1443827_x_at	cDNA sequence BC004044	BC004044			2.7	
1425108_a_at	cDNA sequence BC004728	BC004728			2.5	
1451221_at	cDNA sequence BC018507	BC018507			2.3	
1424071_s_at	cDNA sequence BC018507	BC018507			2.5	
1437868_at	cDNA sequence BC023892	BC023892			2.5	
1431860_at	cDNA sequence BC026513	BC026513			2.5	
1428048_at	cDNA sequence BC027582	BC027582			2.3	
1437475_at	cDNA sequence BC028454	BC028454			2.3	
1455378_at	cDNA sequence BC057371	BC057371			2.6	
1440819_s_at	cDNA sequence BC059842	BC059842			3.1	
1435279_at	cDNA sequence BC059842	BC059842			2.9	
1434069_at	cDNA sequence BC067047	BC067047			4.5	
1448134_at	cDNA sequence X99384	X99384			2.9	
1453319_at	cell division cycle and apoptosis regulator 1	Ccar1			2.8	
1451306_at	cell division cycle associated 7 like	Cdca7l			2.6	
1425639_at	centaurin, alpha 2	Cent2			2.4	
1433958_at	centrobin, centrosomal BRCA2 interacting protein	Centrob			2.0	
1457001_at	centromere protein K	Cenpk			3.1	
1431405_a_at	centrosome and spindle pole associated protein 1	Csppl1			5.1	

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1417496_at	ceruloplasmin	Cp			2.3	
1419609_at	chemokine (C-C motif) receptor 1	Ccr1			2.8	
1424727_at	chemokine (C-C motif) receptor 5	Ccr5			3.0	
1437668_at	Chemokine (C-C motif) receptor-like 1	Ccr11			2.0	
1427736_a_at	chemokine (C-C motif) receptor-like 2	Ccr12			9.0	
1419698_at	chemokine (C-X-C motif) ligand 11	Cxcl11 /// LOC630447			2.0	
1419697_at	chemokine (C-X-C motif) ligand 11	Cxcl11 /// LOC630447			6.6	
1438148_at	chemokine (C-X-C motif) ligand 3	Cxcl3			14.2	
1419728_at	chemokine (C-X-C motif) ligand 5	Cxcl5			2.2	
1448710_at	chemokine (C-X-C motif) receptor 4	Cxcr4			3.8	
1434165_at	chloride intracellular channel 6	Clc6			2.2	
1454866_s_at	chloride intracellular channel 6	Clc6			2.7	
1449227_at	cholesterol 25-hydroxylase	Ch25h			8.3	
1439314_at	circadian locomoter output cycles kaput	Clock			3.1	
1422869_at	c-mer proto-oncogene tyrosine kinase	Mertk			2.3	
1418897_at	coagulation factor II	F2			2.1	
1448931_at	coagulation factor II (thrombin) receptor-like 1	F2r1			3.4	
1427320_at	coatamer protein complex, subunit gamma 2, antisense 2	Copg2as2			2.3	
1445440_at	coiled coil domain containing 88A	Ccdc88a			10.6	
1428066_at	coiled-coil domain containing 120	Ccdc120			2.5	
1454975_at	coiled-coil domain containing 131	Ccdc131			2.0	
1430035_at	coiled-coil domain containing 132	Ccdc132			4.4	
1432113_at	coiled-coil domain containing 18	Ccdc18			3.2	
1430303_at	coiled-coil domain containing 41	Ccdc41			2.9	
1449128_at	coiled-coil domain containing 43	Ccdc43			2.1	
1428311_at	coiled-coil domain containing 6	Ccdc6			2.3	
1454839_a_at	coiled-coil domain containing 84	Ccdc84			2.1	
1425476_at	collagen, type IV, alpha 5	Col4a5			3.0	
1434479_at	collagen, type V, alpha 1	Col5a1			2.4	
1416740_at	collagen, type V, alpha 1	Col5a1			3.2	
1429280_at	collagen, type XXII, alpha 1	Col22a1			4.7	
1420703_at	colony stimulating factor 2 receptor, alpha	Csf2ra			2.0	
1449360_at	colony stimulating factor 2 receptor, beta 2	Csf2rb2			7.7	
1455660_at	colony stimulating factor 2 receptor, beta	Csf2rb			6.9	
1419427_at	colony stimulating factor 3 (granulocyte)	Csf3			3.6	
1442082_at	complement component 3a receptor 1	C3ar1			11.9	
1419482_at	complement component 3a receptor 1	C3ar1			7.7	
1417314_at	complement factor B	Cfb			2.6	
1435792_at	component of Sp100-rs /// predicted gene	Csprs /// EG665317			3.0	
1422649_at	contactin 6	Cntn6			2.5	
1418721_at	COP9 homolog, subunit 7b (Arabidopsis thaliana)	Cops7b			2.2	
1416246_a_at	coronin, actin binding protein 1A	Coro1a			4.3	
1436983_at	CREB binding protein	Crebbp			2.5	
1451075_s_at	CTD, RNA polymerase II, polypeptide A small phosphatase	Ctdsp2			3.9	
1440740_at	CTD RNA polymerase II, polypeptide A small phosphatase	Ctdsp2			5.8	
1420331_at	C-type lectin domain family 4, member e	Clec4e			8.9	

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1420330_at	C-type lectin domain family 4, member e	Clec4e			20.7	
1419627_s_at	C-type lectin domain family 4, member n	Clec4n			6.6	
1417039_a_at	cullin 7	Cul7			2.9	
1447500_at	cut-like homeobox 2	Cux2			3.3	
1453688_at	CWF19-like 2, cell cycle control (S. pombe)	Cwf19l2			4.6	
1416122_at	cyclin D2	Ccnd2			2.1	
1455956_x_at	cyclin D2	Ccnd2			2.5	
1438805_at	cyclin D3	Ccnd3			2.8	
1453399_at	cyclin T2	Ccnt2			4.0	
1432352_at	cyclin Y	Ccny			6.5	
1434045_at	cyclin-dependent kinase inhibitor 1B	Cdkn1b			2.7	
1452394_at	cysteinyl-tRNA synthetase	Cars			2.1	
1416274_at	cystinosis, nephropathic	Ctns			2.0	
1425661_at	cytidine and dCMP deaminase domain containing 1	Cdadc1			3.0	
1450484_a_at	cytidine monophosphate (UMP-CMP) kinase 2, mitochondrial	Cmpk2			10.6	
1422978_at	cytochrome b-245, beta polypeptide	Cybb			2.2	
1436778_at	cytochrome b-245, beta polypeptide	Cybb			6.4	
1436779_at	cytochrome b-245, beta polypeptide	Cybb			10.3	
1417277_at	cytochrome P450, family 4, subfamily f, polypeptide 16	Cyp4f16			3.5	
1419959_s_at	cytoplasmic polyadenylated homeobox	Cphx /// LOC100039213			2.4	
1452352_at	cytotoxic T lymphocyte-associated protein 2 beta	Ctla2b			2.7	
1429903_at	D4, zinc and double PHD fingers family 2	Dpf2			3.3	
1435376_at	DDHD domain containing 2	Ddhd2			2.4	
1444590_at	DDHD domain containing 2	Ddhd2			2.6	
1441631_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 24	Ddx24			3.8	
1453852_at	DEAD (Asp-Glu-Ala-Asp) box polypeptide 50	Ddx50			5.4	
1453251_at	DEAH (Asp-Glu-Ala-His) box polypeptide 30	Dhx30			5.5	
1426915_at	death associated protein kinase 1	Dapk1			3.3	
1437182_at	death inducer-obliterator 1	Dido1			2.7	
1452220_at	dedicator of cytokinesis 1	Dock1			2.1	
1435343_at	dedicator of cytokinesis 10	Dock10			4.1	
1428852_at	dedicator of cyto-kinesis 3	Dock3			2.2	
1435208_at	deltex 3-like (Drosophila)	Dtx3l			2.4	
1439825_at	deltex 3-like (Drosophila)	Dtx3l			3.1	
1433500_at	DENN/MADD domain containing 2A	Dennd2a			4.2	
1457500_at	DEP domain containing 5	Depdc5			3.8	
1429597_at	developmental pluripotency associated 4	Dppa4			5.4	
1452169_a_at	diacylglycerol kinase zeta	Dgkz			2.3	
1451970_at	diacylglycerol lipase, beta	Daglb			2.2	
1460571_at	Dicer1, Dcr-1 homolog (Drosophila)	Dicer1			2.7	
1427941_at	Dicer1, Dcr-1 homolog (Drosophila)	Dicer1			2.9	
1446169_at	DiGeorge syndrome critical region gene 8	Dgcr8			4.1	
1452908_at	DIP2 disco-interacting protein 2 homolog A (Drosophila)	Dip2a /// LOC100044059			2.8	
1437951_at	DIS3 mitotic control homolog (S. cerevisiae)-like 2	Dis3l2			2.5	
1435578_s_at	disabled homolog 1 (Drosophila)	Dab1			2.4	
1420498_a_at	disabled homolog 2 (Drosophila)	Dab2			3.7	

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1423063_at	DNA methyltransferase 3A	Dnmt3a			2.4	
1423065_at	DNA methyltransferase 3A	Dnmt3a			2.5	
1442489_at	DNA segment, Chr 1, ERATO Doi 564, expressed	D1Erttd564e			9.3	
1447984_at	DNA segment, Chr 1, ERATO Doi 75, expressed	D1Erttd75e			3.6	
1449688_at	DNA segment, Chr 10, ERATO Doi 610, expressed	D10Erttd610e			5.9	
1419978_s_at	DNA segment, Chr 10, ERATO Doi 610, expressed	D10Erttd610e			6.8	
1445273_at	DNA segment, Chr 10, ERATO Doi 638, expressed	D10Erttd638e			3.9	
1457539_at	DNA segment, Chr 10, ERATO Doi 709, expressed	D10Erttd709e			6.8	
1438810_at	DNA segment, Chr 10, ERATO Doi 755, expressed	D10Erttd755e			6.7	
1426780_at	DNA segment, Chr 14, ERATO Doi 436, expressed	D14Erttd436e			2.7	
1438868_at	DNA segment, Chr 14, ERATO Doi 668, expressed	D14Erttd668e			2.3	
1439980_at	DNA segment, Chr 14, ERATO Doi 725, expressed	D14Erttd725e			4.8	
1445999_at	DNA segment, Chr 19, ERATO Doi 132, expressed	D19Erttd132e			3.6	
1440417_at	DNA segment, Chr 19, ERATO Doi 409, expressed	D19Erttd409e			2.5	
1458414_at	ddit4l	D2Erttd93e			5.9	
1443490_at	DNA segment, Chr 3, ERATO Doi 34, expressed	D3Erttd34e			2.1	
1444872_at	DNA segment, Chr 3, ERATO Doi 740, expressed	D3Erttd740e			6.3	
1457626_at	DNA segment, Chr 3, Wayne State University 106, expressed	D3Wsu106e			3.8	
1443242_at	DNA segment, Chr 5, ERATO Doi 121, expressed	D5Erttd121e			2.5	
1458934_at	DNA segment, Chr 5, ERATO Doi 505, expressed	D5Erttd505e			2.5	
1460063_at	DNA segment, Chr 5, ERATO Doi 798, expressed	D5Erttd798e			3.7	
1438788_at	DNA segment, Chr 5, Wayne State University 152, expressed	D5Wsu152e			4.3	
1442069_at	DNA segment, Chr 5, Wayne State University 178, expressed	D5Wsu178e			4.2	
1456056_a_at	DNA segment, Chr 6, Wayne State University 116, expressed	D6Wsu116e			2.4	
1460162_at	DNA segment, Chr 8, ERATO Doi 124, expressed	D8Erttd124e			2.1	
1440499_at	DNA segment, Chr 9, ERATO Doi 26, expressed	D9Erttd26e			3.0	
1446102_at	DNA segment, Chr 9, ERATO Doi 292, expressed	D9Erttd292e			7.0	
1434196_at	DnaJ (Hsp40) homolog, subfamily A, member 4	Dnaja4			2.2	
1447649_x_at	DnaJ (Hsp40) homolog, subfamily C, member 1	Dnajc1			3.3	
1459791_at	DnaJ (Hsp40) homolog, subfamily C, member 1	Dnajc1			3.6	
1445337_at	DnaJ (Hsp40) homolog, subfamily C, member 13	Dnajc13			2.2	
1442855_at	dopey family member 1	Dopey1			6.0	
1428330_at	dopey family member 2	Dopey2			2.2	
1439049_at	DPH5 homolog (S. cerevisiae)	Dph5			3.5	
1440615_at	dual specificity phosphatase 16	Dusp16			2.9	
1415834_at	dual specificity phosphatase 6	Dusp6			3.7	
1427416_x_at	dual specificity phosphatase 7	Dusp7			3.1	
1452097_a_at	dual specificity phosphatase 7	Dusp7			3.2	
1452382_at	dynamin 3, opposite strand	Dnm3os			3.2	
1421544_at	dynein, axonemal, heavy chain 11	Dnahc11			2.1	
1445329_at	dystrobrevin, beta	Dtnb			3.1	
1427682_a_at	early growth response 2	Egr2			4.8	
1427683_at	early growth response 2	Egr2			4.9	
1428173_at	echinoderm microtubule associated protein like 2	Eml2			2.4	
1450241_a_at	ecotropic viral integration site 2a	Evi2a			5.6	
1440464_at	ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1	Elavl1			3.9	

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1448797_at	ELK3, member of ETS oncogene family	Elk3			5.7	
1442514_a_at	elongation factor RNA polymerase II-like 3	Ell3			3.4	
1446228_at	endoplasmic reticulum metalloproteinase 1	Ermp1			3.6	
1437347_at	endothelin receptor type B	Ednrb			6.2	
1426001_at	eomesodermin homolog (Xenopus laevis)	Eomes			4.2	
1435172_at	eomesodermin homolog (Xenopus laevis)	Eomes			7.0	
1430152_at	epidermal growth factor receptor pathway substrate 15	Eps15			2.6	
1417018_at	EGF-containing fibulin-like extracellular matrix protein 2	Efemp2			3.9	
1419431_at	epiregulin	Ereg			4.0	
1425624_at	EPM2A (laforin) interacting protein 1	Epm2aip1			2.0	
1434105_at	EPM2A (laforin) interacting protein 1	Epm2aip1			2.1	
1440175_at	Epsin 2	Epn2			7.3	
1444150_at	erythrocyte protein band 4.1	Epb4.1			4.5	
1418294_at	erythrocyte protein band 4.1-like 4b	Epb4.1l4b			3.8	
1441604_at	Esterase D/formylglutathione hydrolase	Esd			2.0	
1442864_at	estrogen related receptor, alpha	Esrra			2.0	
1428142_at	ets variant gene 5	Etv5			8.4	
1427036_a_at	eukaryotic translation initiation factor 4, gamma 1	Eif4g1			2.5	
1438172_x_at	exonuclease domain containing 1	Exod1			2.1	
1453359_at	exosome component 1	Exosc1			3.0	
1417730_at	exostoses (multiple) 1	Ext1			2.1	
1445535_at	expressed sequence AA407107	AA407107			3.8	
1449750_at	expressed sequence AA407331	AA407331			4.6	
1440717_at	expressed sequence AA407881	AA407881			2.2	
1433551_at	expressed sequence AI427515	AI427515			2.8	
1457150_at	expressed sequence AI428301	AI428301			2.7	
1437176_at	expressed sequence AI451557	AI451557			4.2	
1435665_at	expressed sequence AI451617	AI451617			6.3	
1443972_at	expressed sequence AI465300	AI465300			4.7	
1437570_at	expressed sequence AI503301	AI503301			4.6	
1457035_at	expressed sequence AI607873	AI607873			9.2	
1434067_at	expressed sequence AI662270	AI662270			4.7	
1440277_at	expressed sequence AU041474	AU041474			2.9	
1434372_at	expressed sequence AW112010	AW112010			5.5	
1444273_at	expressed sequence AW555355	AW555355			2.4	
1449765_at	expressed sequence C76628	C76628			2.1	
1444467_at	expressed sequence C77534	C77534			3.3	
1444677_at	expressed sequence C77673	C77673			3.3	
1459469_at	expressed sequence C78516	C78516			3.2	
1456931_at	expressed sequence C85363	C85363			9.9	
1420288_at	expressed sequence T25656	T25656			2.9	
1432337_at	Fanconi anemia, complementation group L	Fancl			2.5	
1437544_at	far upstream element (FUSE) binding protein 1	Fubp1			2.8	
1433857_at	FAT tumor suppressor homolog 1 (Drosophila)	Fat1			2.2	
1423100_at	FBJ osteosarcoma oncogene	Fos			2.1	
1456220_at	F-box and leucine-rich repeat protein 7	Fbxl7			2.7	

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1438336_at	F-box and WD-40 domain protein 11	Fbxw11			2.7	
1447294_at	F-box and WD-40 domain protein 11	Fbxw11			2.8	
1451524_at	F-box and WD-40 domain protein 2	Fbxw2			2.1	
1436487_x_at	F-box and WD-40 domain protein 2	Fbxw2			2.7	
1436206_at	F-box protein 10	Fbxo10			2.5	
1448747_at	F-box protein 32	Fbxo32			2.4	
1440376_at	F-box protein 41	Fbxo41			3.4	
1417876_at	Fc receptor, IgG, high affinity I	Fcgr1			17.5	
1448891_at	Fc receptor-like S, scavenger receptor	Fcrls			2.6	
1442970_at	FCH and double SH3 domains 2	Fchsd2			7.0	
1442453_at	FCH domain only 2	Fcho2			2.4	
1434424_at	feline leukemia virus subgroup C cellular receptor 1	Flvcr1			2.3	
1434285_at	FERM domain containing 4A	Frm�4a			2.4	
1451264_at	FERM domain containing 6	Frmđ6			2.8	
1427021_s_at	ferritin heavy chain 1	Fth1			2.4	
1418364_a_at	ferritin light chain 1 /// ferritin light chain 2	EG665937 /// Ftł1			2.2	
1422302_s_at	ferritin light chain 1 /// ferritin light chain 2	EG665937 /// Ftł1			2.1	
1419540_at	ferritin, heavy polypeptide-like 17 /// predicted gene	EG434726			2.4	
1421855_at	fibrinogen-like protein 2	Fgl2			4.0	
1436551_at	fibroblast growth factor receptor 1	Fgfr1			2.3	
1426642_at	fibronectin 1	Fn1			2.4	
1418243_at	ficolin A	Fcna			3.5	
1445534_at	Filamin, beta	Flnb			2.2	
1416803_at	FK506 binding protein 7	Fkbp7			2.2	
1437687_x_at	FK506 binding protein 9	Fkbp9			2.0	
1439189_at	folliculin interacting protein 2	Fnip2			2.2	
1434458_at	follistatin	Fst			2.9	
1416693_at	forkhead box C2	Foxc2			9.9	
1434939_at	forkhead box F1a	Foxf1a			2.2	
1420374_at	forkhead box J2	Foxj2			2.2	
1436925_at	forkhead box N3	Foxn3			2.2	
1434002_at	forkhead box N3	Foxn3			2.2	
1434831_a_at	forkhead box O3a	Foxo3a			2.3	
1434832_at	forkhead box O3a	Foxo3a			2.3	
1455242_at	forkhead box P1	Foxp1			2.1	
1435222_at	forkhead box P1	Foxp1			2.2	
1455280_at	Fras1 related extracellular matrix protein 1	Frem1			2.1	
1431066_at	fucosyltransferase 11	Fut11			2.0	
1448765_at	Fyn proto-oncogene	Fyn			2.6	
1417558_at	Fyn proto-oncogene	Fyn			2.6	
1460578_at	FYVE, RhoGEF and PH domain containing 5	Fgd5			3.4	
1419721_at	G protein-coupled receptor 109A	Gpr109a			3.3	
1439255_s_at	G protein-coupled receptor 137B	Gpr137b			2.8	
1439256_x_at	G protein-coupled receptor 137B, pseudogene	Gpr137b-ps			2.7	
1424455_at	G protein-coupled receptor associated sorting protein 1	Gprasp1			2.1	
1451672_at	G protein-coupled receptor kinase 6	Grk6			2.4	

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1450187_a_at	galactose-1-phosphate uridyl transferase	Galt			2.1	
1459917_at	gametogenetin binding protein 2	Ggnbp2			3.2	
1416522_a_at	gene rich cluster, C10 gene	Grccl10			2.6	
1438888_at	germ cell-less homolog 1 (Drosophila)	Gmcl1			4.4	
1457228_x_at	GLE1 RNA export mediator (yeast)	Gle1			3.2	
1440720_s_at	GLE1 RNA export mediator (yeast)	Gle1			3.3	
1440540_at	GLE1 RNA export mediator (yeast)	Gle1 /// LOC383774			5.5	
1433716_x_at	GDNF family receptor alpha 2	Gfra2			3.9	
1455154_at	GLI-Kruppel family member GLI3	Gli3			2.1	
1456067_at	GLI-Kruppel family member GLI3	Gli3			2.3	
1430353_at	GLIS family zinc finger 3	Glis3			5.5	
1454818_at	glucocorticoid modulatory element binding protein 2	Gmeb2			2.1	
1450081_x_at	glucose phosphate isomerase 1	Gpi1			2.2	
1420997_a_at	glucose phosphate isomerase 1	Gpi1			2.3	
1422489_at	glucosidase 1	Gcs1			2.1	
1448124_at	glucuronidase, beta	Gusb			2.0	
1438385_s_at	glutamic pyruvate transaminase (alanine aminotransferase) 2	Gpt2			2.1	
1416592_at	glutaredoxin	Glrx			5.0	
1459850_x_at	glycine receptor, beta subunit	Glrb			2.1	
1439931_at	glycogen synthase kinase 3 beta	Gsk3b			3.6	
1418483_a_at	glycoprotein galactosyltransferase alpha 1, 3	Ggta1			3.8	
1434007_at	glycosyltransferase-like 1B	Gyltl1b			4.8	
1429293_at	glypican 2 (cerebroglycan)	Gpc2			2.3	
1421088_at	glypican 4	Gpc4			2.1	
1448580_at	golgi apparatus protein 1	Glg1			2.4	
1460554_s_at	golgi apparatus protein 1	Glg1			2.5	
1435032_at	golgi autoantigen, golgin subfamily b, macrogolgin 1	Golgb1			3.1	
1417390_at	GPN-loop GTPase 1	Gpn1			2.2	
1427046_at	grainyhead-like 2 (Drosophila)	Grhl2			2.2	
1452151_at	GRAM domain containing 4	Gramd4			2.4	
1438629_x_at	granulin	Grn			2.0	
1448148_at	granulin	Grn			2.2	
1451856_at	GRB10 interacting GYF protein 2	Gigyf2			4.7	
1417315_at	GRIP1 associated protein 1	Gripap1			3.1	
1453851_a_at	growth arrest and DNA-damage-inducible 45 gamma	Gadd45g			3.4	
1455904_at	growth arrest specific 5	Gas5			2.2	
1436222_at	growth arrest specific 5	Gas5			2.3	
1457093_at	GTPase activating protein and VPS9 domains 1	Gapvd1			5.9	
1446684_at	GTPase activating RANGAP domain-like 1	Garn1			2.4	
1429184_at	GTPase, very large interferon inducible 1	Gvin1 /// LOC100042856			3.4	
1419470_at	guanine nucleotide binding protein (G protein), beta 4	Gnb4			2.8	
1428156_at	guanine nucleotide binding protein (G protein), gamma 2	Gng2			2.6	
1428939_s_at	guanine nucleotide binding protein, alpha q polypeptide	Gnaq			4.3	
1429180_at	guanosine monophosphate reductase 2	Gmpr2			2.5	
1418240_at	guanylate nucleotide binding protein 2	Gbp2			2.1	
1426363_x_at	H2A histone family, member Y2	H2afy2			3.1	

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1421612_a_at	H2A histone family, member Y3, member Y2	H2afy2 /// H2afy3			3.1	
1434060_at	Hect domain and RCC1 (CHC1)	Herc1			2.1	
1444599_at	Hect domain and RLD 4	Herc4			4.8	
1446224_at	HECT domain containing 2	Hectd2			5.9	
1415703_at	HECT, UBA and WWE domain containing 1	Huwe1			3.8	
1419234_at	helicase (DNA) B	Helb			3.6	
1419235_s_at	helicase (DNA) B	Helb			6.0	
1423319_at	hematopoietically expressed homeobox	Hhex			2.1	
1449455_at	hemopoietic cell kinase	Hck			2.4	
1433977_at	heparan sulfate (glucosamine) 3-O-sulfotransferase 3B1	Hs3st3b1			7.4	
1438913_x_at	hepatoma-derived growth factor, related protein 2	Hdgrfp2			3.0	
1450647_at	Hermansky-Pudlak syndrome 3 homolog (human)	Hps3			2.3	
1436549_a_at	heterogeneous nuclear ribonucleoprotein A1	Hnrnpa1			2.0	
1424251_a_at	heterogeneous nuclear ribonucleoprotein D-like	Hnrpd1			2.3	
1424252_at	heterogeneous nuclear ribonucleoprotein D-like	Hnrpd1			3.0	
1415963_at	heterogeneous nuclear ribonucleoprotein H2	Hnrph2			2.2	
1434390_at	Heterogeneous nuclear ribonucleoprotein U	Hnrnpu			2.4	
1437874_s_at	hexosaminidase B	Hexb			3.0	
1442466_a_at	histidine acid phosphatase domain containing 2A	Hisppd2a			4.6	
1426048_s_at	histidine rich calcium binding protein /// transcription factor AP-2, alpha	Hrc /// Tcfap2a			3.4	
1435290_x_at	histocompatibility 2, class II antigen A, alpha	H2-Aa			2.2	
1422892_s_at	histocompatibility 2, class II antigen E alpha	H2-Ea			2.8	
1425917_at	histocompatibility 28	H28			5.0	
1422870_at	homeo box C4	Hoxc4			2.3	
1443020_at	homeobox containing 1	Hmbox1			2.6	
1425983_x_at	homeodomain interacting protein kinase 2	Hipk2			2.2	
1424863_a_at	homeodomain interacting protein kinase 2	Hipk2			2.8	
1433736_at	host cell factor C1	Hcfc1			2.3	
1442842_at	Hspb associated protein 1	Hspbap1			2.2	
1422018_at	human immunodeficiency virus type I enhancer binding protein 2	Hivep2			2.7	
1456667_at	huntingtin	Htt			3.2	
1434557_at	huntingtin interacting protein 1	Hip1			2.4	
1429871_at	hyaluronan mediated motility receptor (RHAMM)	Hmnr			3.4	
1444908_at	hyaluronic acid binding protein 4	Habp4			2.0	
1442732_at	hydroxyacyl-Coenzyme A dehydrogenase	Hadhb			2.1	
1425421_at	hypothetical LOC100134980	LOC100134980			2.5	
1457464_at	hypothetical LOC403342	C130015C19			3.8	
1442992_at	hypothetical LOC403343	130004C03			6.1	
1441349_at	hypothetical LOC552904	LOC552904			2.8	
1441546_at	hypothetical LOC624524	LOC624524			2.6	
1455510_at	hypothetical protein LOC100039483	LOC100039483			3.4	
1446177_at	Hypothetical protein LOC100041249	LOC100041249			3.3	
1440254_at	hypothetical protein LOC100041277	LOC100041277			2.9	
1446168_at	hypothetical protein LOC100041495	LOC100041495			3.0	
1459561_at	Hypothetical protein LOC100042603	LOC100042603			2.6	
1444663_at	hypothetical protein LOC100047469	LOC100047469			3.6	

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1456662_at	hypothetical protein LOC546058	LOC546058			5.7	
1425424_at	hypothetical protein LOC620031	MGC7817			4.9	
1418825_at	immunity-related GTPase family, M	Irgm			2.4	
1449700_at	Immunoglobulin (CD79A) binding protein 1	Igbbp1			2.3	
1420000_s_at	immunoglobulin (CD79A) binding protein 1	Igbbp1			2.7	
1421408_at	immunoglobulin superfamily, member 6	IgSF6			3.4	
1427381_at	immunoresponsive gene 1	Irg1			3.4	
1422537_a_at	inhibitor of DNA binding 2	Id2			2.8	
1415851_a_at	inosine 5'-phosphate dehydrogenase 2	Impdh2			2.1	
1415852_at	inosine 5'-phosphate dehydrogenase 2	Impdh2			2.5	
1417297_at	inositol 1,4,5-triphosphate receptor 3	Itpr3			2.0	
1428373_at	inositol hexaphosphate kinase 2	Ihpk2			2.1	
1447757_x_at	inositol polyphosphate-5-phosphatase F	Inpp5f			2.9	
1433542_at	inositol polyphosphate-5-phosphatase F	Inpp5f			3.2	
1434446_at	insulin receptor	Insr			2.2	
1441429_at	insulin receptor substrate 4	Irs4			2.7	
1455223_at	insulin-like growth factor 2 mRNA binding protein 1	Igf2bp1			3.5	
1424112_at	insulin-like growth factor 2 receptor	Igf2r			2.1	
1424111_at	insulin-like growth factor 2 receptor	Igf2r			3.2	
1428967_at	insulin-like growth factor I receptor	Igf1r			2.4	
1452982_at	insulin-like growth factor I receptor	Igf1r			2.7	
1426943_at	integrator complex subunit 1	Ints1			2.3	
1443128_at	integrator complex subunit 6	Ints6			5.5	
1456775_at	integrator complex subunit 8	Ints8			3.6	
1426919_at	integrin beta 1 (fibronectin receptor beta)	Irgb1			2.1	
1455257_at	integrin beta 3	Irgb3			2.5	
1452348_s_at	interferon activated gene 203 /// interferon activated gene 204	Ifi203 /// Ifi204			10.1	
1417292_at	interferon gamma inducible protein 47	Ifi47			2.7	
1419042_at	interferon inducible GTPase 1 /// hypothetical protein LOC100044196	Igpp1 /// LOC100044196			3.6	
1448436_a_at	interferon regulatory factor 1	Irf1			2.0	
1418265_s_at	interferon regulatory factor 2	Irf2			2.0	
1417244_a_at	interferon regulatory factor 7	Irf7			2.3	
1426278_at	interferon, alpha-inducible protein 27	Ifi27			4.8	
1449025_at	interferon-induced protein with tetratricopeptide repeats 3	Ifit3			12.7	
1421473_at	interleukin 1 alpha	Il1a			2.4	
1425663_at	interleukin 1 receptor antagonist	Il1rn			9.7	
1451798_at	interleukin 1 receptor antagonist	Il1rn			17.8	
1419532_at	interleukin 1 receptor, type II	Il1r2			5.3	
1450330_at	interleukin 10	Il10			6.8	
1418219_at	interleukin 15	Il15			2.4	
1429893_at	interleukin 17 receptor D	Il17rd			3.4	
1416295_a_at	interleukin 2 receptor, gamma chain	Il2rg			2.3	
1448575_at	interleukin 7 receptor	Il7r			3.0	
1433885_at	IQ motif containing GTPase activating protein 2	Iqgap2			2.6	
1435992_at	IQ motif containing with AAA domain	Iqca			2.3	
1431316_at	itchy, E3 ubiquitin protein ligase	Itch			3.1	

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1454923_at	IWS1 homolog (S. cerevisiae)	lws1			2.1	
1433803_at	Janus kinase 1	Jak1			2.0	
1428320_at	jumonji domain containing 1B	Jmjd1b			2.1	
1439998_at	jumonji domain containing 1C	Jmjd1c			5.3	
1437106_at	jumonji, AT rich interactive domain 1A (Rbp2 like)	Jarid1a			2.2	
1457482_at	jumonji, AT rich interactive domain 1B (Rbp2 like)	Jarid1b			4.4	
1442278_at	Jumonji, AT rich interactive domain 1B (Rbp2 like)	Jarid1b			7.0	
1422697_s_at	jumonji, AT rich interactive domain 2	Jarid2			2.2	
1422698_s_at	jumonji, AT rich interactive domain 2	Jarid2			2.8	
1450350_a_at	Jun dimerization protein 2	Jdp2			2.1	
1449034_at	kallikrein B, plasma 1	Klkb1			2.6	
1419722_at	kallikrein related-peptidase 8	Klk8			2.4	
1446255_at	KCNQ1 overlapping transcript 1	Kcnq1ot1			3.5	
1442029_at	KCNQ1 overlapping transcript 1	Kcnq1ot1			8.7	
1435786_at	kelch-like 12 (Drosophila)	Klhl12			2.2	
1426978_at	kelch-like 2, Mayven (Drosophila)	Klhl2			2.0	
1436557_at	keratin 73	Krt73			2.2	
1442252_at	kinesin family member 13A	Kif13a			3.3	
1455746_at	kinesin family member 13A	Kif13a			3.3	
1446507_at	Kinesin family member 24	Kif24			5.2	
1460559_at	KN motif and ankyrin repeat domains 2	Kank2			2.3	
1442125_at	KRIT1, ankyrin repeat containing	Krit1			7.3	
1416350_at	Kruppel-like factor 16	Klf16			2.0	
1417395_at	Kruppel-like factor 4 (gut)	Klf4			2.0	
1419354_at	Kruppel-like factor 7 (ubiquitous)	Klf7			2.1	
1419355_at	Kruppel-like factor 7 (ubiquitous)	Klf7			2.7	
1457670_s_at	lamin A	Lmna			2.4	
1425472_a_at	lamin A	Lmna			2.6	
1427010_s_at	laminin, alpha 5	Lama5			2.0	
1427009_at	laminin, alpha 5	Lama5			2.2	
1428510_at	latrophilin 1	Lphn1			4.3	
1421217_a_at	lectin, galactose binding, soluble 9	Lgals9			2.8	
1448380_at	lectin, galactoside-binding, soluble, 3 binding protein	Lgals3bp			2.0	
1444037_at	lectin, mannose-binding, 1	Lman1			2.6	
1416621_at	lethal giant larvae homolog 1 (Drosophila)	Llgl1			2.2	
1433505_a_at	leucine rich repeat containing 8D	Lrrc8d			2.3	
1455489_at	leucine rich repeat transmembrane neuronal 2	Lrrtm2			6.2	
1448352_at	leucine zipper protein 1	Luzp1			2.3	
1433783_at	LIM domain binding 3	Ldb3			3.8	
1440167_s_at	LIM domain containing preferred translocation partner in lipoma	Lpp			2.3	
1458582_at	lin-54 homolog (C. elegans)	Lin54			2.7	
1449172_a_at	lin-7 homolog B (C. elegans)	Lin7b			7.0	
1439239_at	lin-7 homolog B (C. elegans)	Lin7b			12.4	
1460651_at	linker for activation of T cells	Lat			2.1	
1452836_at	lipin 2	Lpin2			2.1	
1417741_at	liver glycogen phosphorylase	Pygl			3.1	

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1442258_at	lon peptidase 2, peroxisomal	Lonp2			3.6	
1426288_at	low density lipoprotein receptor-related protein 4	Lrp4			2.1	
1436766_at	LUC7-like 2 (S. cerevisiae)	Luc7l2			3.3	
1454969_at	LY6/PLAUR domain containing 6	Lypd6			2.7	
1449328_at	lymphocyte antigen 75	Ly75			2.2	
1422903_at	lymphocyte antigen 86	Ly86			8.5	
1451359_at	lysophosphatidylcholine acyltransferase 1	Lpcat1			5.2	
1423140_at	lysosomal acid lipase A	Lipa			4.1	
1417721_s_at	lysosomal-associated protein transmembrane 5	Laptm5			2.2	
1423848_at	M phase phosphoprotein 6	Mphosph6			2.0	
1431159_at	MACRO domain containing 2	Macro2			13.4	
1438467_at	macrophage galactose N-acetyl-galactosamine specific lectin 2	Mgl2			4.8	
1448061_at	macrophage scavenger receptor 1	Msr1			12.2	
1457836_at	major facilitator superfamily domain containing 11	Mfsd11			2.4	
1429108_at	male-specific lethal 2-like 1 (Drosophila)	Msl2l1			2.5	
1417110_at	mannosidase 1, alpha	Man1a			2.4	
1436193_at	mannosidase, alpha, class 1C, member 1	Man1c1			2.7	
1426914_at	MARVEL (membrane-associating) domain containing 2	Marveld2			2.5	
1436796_at	matrin 3	Matr3			2.8	
1458508_at	matrin 3	Matr3			4.9	
1417256_at	matrix metalloproteinase 13	Mmp13			13.2	
1421977_at	matrix metalloproteinase 19	Mmp19			3.2	
1448291_at	matrix metalloproteinase 9	Mmp9			3.2	
1434746_at	MAX gene associated	Mga			2.1	
1441287_at	Mbt domain containing 1	Mbtd1			3.5	
1453160_at	mediator complex subunit 13	Med13			2.2	
1434603_at	mediator complex subunit 13-like	Med13l			2.7	
1437632_at	mediator complex subunit 14	Med14			3.9	
1450229_at	mediator complex subunit 14	Med14			3.0	
1441617_at	mediator complex subunit 15	Med15			6.0	
1425585_at	mediator of RNA polymerase II transcription, subunit 12 homolog (yeast)	Med12			3.1	
1453197_at	mediator of RNA polymerase II transcription, subunit 25 homolog (yeast)	Med25			2.1	
1452606_at	meiotic nuclear divisions 1 homolog (S. cerevisiae)	Mnd1			2.1	
1416357_a_at	melanoma cell adhesion molecule	Mcam			5.9	
1450919_at	membrane protein, palmitoylated	Mpp1			2.0	
1458690_at	membrane-associated ring finger (C3HC4) 7	March7			3.5	
1448240_at	membrane-bound transcription factor peptidase, site 1	Mbtps1			2.3	
1420671_x_at	membrane-spanning 4-domains, subfamily A, member 4C	Ms4a4c			3.8	
1450291_s_at	membrane-spanning 4-domains, subfamily A, member 4C	Ms4a4c			5.0	
1418826_at	membrane-spanning 4-domains, subfamily A, member 6B	Ms4a6b			2.3	
1419599_s_at	membrane-spanning 4-domains, subfamily A, member 6D	Ms4a6d			18.9	
1429060_at	metastasis associated lung adenocarcinoma transcript 1	Malat1			5.2	
1438403_s_at	metastasis associated lung adenocarcinoma transcript 1	Malat1			2.5	
1452378_at	metastasis associated lung adenocarcinoma transcript 1	Malat1			4.1	
1424356_a_at	meteorin, glial cell differentiation regulator-like	Metrn1			3.1	
1438538_at	methyl CpG binding protein 2	Mecp2			4.2	

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1455529_at	mex3 homolog A (C. elegans)	Mex3a			2.1	
1434221_at	microtubule associated monooxygenase, calponin and LIM domain containing 3	Mical3			3.1	
1439585_at	midasin homolog (yeast)	Mdn1			4.1	
1438239_at	midline 1	Mid1			2.4	
1430969_at	mitochondrial carrier homolog 2 (C. elegans)	Mtch2			2.4	
1438842_at	mitochondrial carrier homolog 2 (C. elegans)	Mtch2			2.6	
1439210_at	mitochondrial ribosomal protein S9	Mrps9			3.1	
1429784_at	Mitogen-activated protein kinase 1 interacting protein 1-like	Mapk1ip11			2.3	
1450973_s_at	mitogen-activated protein kinase binding protein 1	Mapkbp1			2.1	
1423403_at	mitogen-activated protein kinase binding protein 1	Mapkbp1			2.2	
1421340_at	mitogen-activated protein kinase kinase kinase 5	Map3k5			3.1	
1439830_at	mitogen-activated protein kinase kinase kinase 5	Map3k5			3.3	
1450244_a_at	mitogen-activated protein kinase kinase kinase 2	Map4k2			2.1	
1417967_at	MMS19 (MET18 S. cerevisiae)	Mms19			2.1	
1421814_at	moesin	Msn			3.0	
1435645_at	monocyte to macrophage differentiation-associated	LOC676546 /// Mmd			2.5	
1452781_a_at	Mpv17 transgene, kidney disease mutant	Gtf3c2 /// Mpv17			2.2	
1416672_s_at	mucolipin 1	Mcoln1			2.2	
1431705_a_at	mucolipin 2	Mcoln2			2.6	
1418664_at	multiple PDZ domain protein	Mpdz			2.1	
1439554_at	Mus musculus, clone IMAGE:4007547, mRNA	---			5.8	
1436818_a_at	Musashi homolog 2 (Drosophila)	Msi2			2.8	
1448602_at	muscle glycogen phosphorylase	Pygm			3.7	
1458919_at	muskelin 1, intracellular mediator containing kelch motifs	Mkn1			4.8	
1434274_at	MYC binding protein 2	Mycbp2			2.1	
1447150_at	MYC binding protein 2	Mycbp2			5.1	
1428167_a_at	myelin protein zero-like 1	Mpzl1			2.3	
1433811_at	myeloid/lymphoid (trithorax homolog, Drosophila); tran	Mllt6			2.6	
1442070_at	myeloid/lymphoid (trithorax homolog, Drosophila); tran	Mllt10			13.5	
1452377_at	myeloid/lymphoid or mixed-lineage leukemia 1	Mll1			2.5	
1457193_at	myeloid/lymphoid or mixed-lineage leukemia 3	Mll3			2.3	
1434178_at	myeloid/lymphoid or mixed-lineage leukemia 3	Mll3			2.7	
1423321_at	myeloid-associated differentiation marker	Myadm			2.1	
1439389_s_at	myeloid-associated differentiation marker	Myadm			2.3	
1419754_at	myosin Va	Myo5a			2.1	
1421615_at	myosin XV	Myo15			3.0	
1427025_at	myotubularin related protein 7	Mttr7			2.6	
1419676_at	myxovirus (influenza virus) resistance 2	Mx2			2.3	
1416056_a_at	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 11	Ndufb11			2.2	
1455911_x_at	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 11	Ndufb11			2.1	
1416057_at	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 11	Ndufb11			2.0	
1427191_at	natriuretic peptide receptor 2	Npr2			3.2	
1437660_at	natural killer tumor recognition sequence	Nktr			4.2	
1428787_at	NCK associated protein 1 like	Nckap11			2.0	
1435355_at	nebulin	Neb			2.9	
1437853_x_at	necdin	Ndn			2.6	

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1455792_x_at	necdin	Ndn			2.5	
1435383_x_at	necdin	Ndn			2.6	
1435382_at	necdin	Ndn			2.7	
1441444_at	Neurobeachin like 1	Nbeal1			2.0	
1452525_a_at	neurofibromatosis 1	Nf1			2.1	
1441353_at	neuron navigator 2	Nav2			2.1	
1444780_at	neuron navigator 2	Nav2			3.3	
1448561_at	neutrophil cytosolic factor 2	Ncf2			5.1	
1418465_at	neutrophil cytosolic factor 4	Ncf4			2.7	
1422952_at	Ng23 protein	Ng23			2.7	
1438592_at	NIMA (never in mitosis gene a)-related expressed kinase 1	Nek1			8.2	
1442103_at	Nipped-B homolog (Drosophila)	Nipbl			6.2	
1433758_at	nischarin	Nisch			2.6	
1425412_at	NLR family, pyrin domain containing 3	Nlrp3			2.4	
1450000_at	NLR family, pyrin domain containing 4C	Nlrp4c			2.6	
1436794_at	NLR family, pyrin domain containing 4F	Nlrp4f			5.2	
1438818_at	NMD3 homolog (S. cerevisiae)	Nmd3			4.4	
1448154_at	N-myc downstream regulated gene 2	Ndrp2			2.5	
1444387_at	N-myristoyltransferase 2	Nmt2			3.1	
1431239_at	non-POU-domain-containing, octamer binding protein	Nono			2.1	
1423920_at	non-SMC condensin I complex, subunit H	Ncaph			2.1	
1418634_at	Notch gene homolog 1 (Drosophila)	Notch1			2.1	
1455556_at	Notch gene homolog 2 (Drosophila)	Notch2			2.0	
1451821_a_at	nuclear antigen Sp100	Sp100			2.3	
1457113_at	nuclear autoantigenic sperm protein (histone-binding)	Nasp			3.3	
1457404_at	Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, z	Nfkbiz			3.5	
1457117_at	nuclear factor, erythroid derived 2, like 2	Nfe2l2			2.3	
1448893_at	nuclear receptor co-repressor 2	Ncor2			2.7	
1454295_at	nuclear receptor interacting protein 1	Nrip1			2.8	
1460647_a_at	nuclear receptor subfamily 2, group F, member 6	Nr2f6			2.5	
1435088_at	nuclear receptor-binding SET-domain protein 1	Nsd1			2.5	
1456916_at	Nuclear receptor-binding SET-domain protein 1	Nsd1			3.3	
1424323_at	nucleolar complex associated 2 homolog (S. cerevisiae)	Noc2l			2.6	
1436136_at	nucleolar complex associated 2 homolog (S. cerevisiae)	Noc2l			4.7	
1441689_at	nucleoporin 153	Nup153			5.9	
1445136_at	Nucleoporin 155	Nup155			3.2	
1444892_at	nucleoporin 160	Nup160			2.3	
1449140_at	NudC domain containing 2	Nudcd2			2.5	
1418566_s_at	NudC domain containing 2	Nudcd2			2.6	
1438284_at	oculocerebrorenal syndrome of Lowe	Ocrl			2.1	
1457313_at	oculocerebrorenal syndrome of Lowe	Ocrl			2.7	
1424855_at	oleoyl-ACP hydrolase	Olah			4.4	
1451510_s_at	oleoyl-ACP hydrolase	Olah			5.3	
1438767_at	oncostatin M	Osm			10.4	
1437252_at	opposite strand transcription unit to Stag3	Gats			2.1	
1427172_at	oral-facial-digital syndrome 1 gene homolog (human)	Ofd1			2.0	

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1437601_at	orthodenticle homolog 1 (Drosophila)	Otx1			3.1	
1444592_at	O-sialoglycoprotein endopeptidase	Osgpep			3.1	
1438724_at	oxysterol binding protein-like 3	Osbpl3			2.2	
1428484_at	oxysterol binding protein-like 3	Osbpl3			3.7	
1457809_at	p300/CBP-associated factor /// predicted gene, EG330129	EG330129 /// Pcaf			3.4	
1442204_at	Pannexin 2	Panx2			2.1	
1446272_at	PCTAIRE-motif protein kinase 2	Pctk2			3.2	
1441238_at	PDS5, regulator of cohesion maintenance, homolog A (S. cerevisiae)	Pds5a			4.1	
1442731_at	PDS5, regulator of cohesion maintenance, homolog A (S. cerevisiae)	Pds5a			5.4	
1443618_at	PDZ domain containing 2	Pdzd2			2.5	
1435457_at	PDZ domain containing 4	Pdzd4			4.2	
1416846_a_at	PDZ domain containing RING finger 3	Pdzrn3			2.6	
1451328_at	pecanex-like 3 (Drosophila)	Pcnxl3			2.0	
1453839_a_at	peptidase inhibitor 16	Pi16			3.6	
1422272_at	per-hexamer repeat gene 4	Phxr4			2.0	
1417602_at	period homolog 2 (Drosophila)	Per2			2.0	
1442243_at	period homolog 3 (Drosophila)	Per3			3.9	
1417133_at	peripheral myelin protein	Pmp22			7.8	
1434822_at	periphilin 1	Pphln1			2.1	
1440267_at	peroxisome biogenesis factor 1	Pex1			2.1	
1426381_at	peroxisome proliferative activated receptor, gamma, coactivator-related 1	Pprc1			2.3	
1423703_at	peter pan homolog (Drosophila)	Ppan			2.0	
1435601_at	PH domain and leucine rich repeat protein phosphatase-like	Phlpp1			2.1	
1446642_at	PHD finger protein 14	Phf14			7.0	
1452259_at	PHD finger protein 20	Phf20			2.0	
1418203_at	phorbol-12-myristate-13-acetate-induced protein 1	Pmaip1			2.4	
1446968_at	phosphatidylinositol binding clathrin assembly protein	Picalm			3.6	
1446974_at	phosphatidylinositol-3-phosphate/phosphatidylinositol 5-kinase, type III	Pip5k3			2.0	
1424954_a_at	phosphatidylinositol-4-phosphate 5-kinase, type 1 gamma	Pip5k1c			2.2	
1419279_at	phosphatidylinositol-5-phosphate 4-kinase, type II, alpha	Pip4k2a			3.2	
1442700_at	phosphodiesterase 4B, cAMP specific	Pde4b			3.0	
1456413_at	phosphodiesterase 4D interacting protein (myomegalin)	Pde4dip			4.4	
1429831_at	phosphoinositide-3-kinase adaptor protein 1	Pik3ap1			4.6	
1456047_at	phospholipase A2, group IVB (cytosolic)	LOC433466 /// Pla2g4b			2.5	
1430700_a_at	phospholipase A2, group VII	Pla2g7			3.2	
1442963_at	Phospholipase C, gamma 1	Plcg1			2.5	
1433678_at	phospholipase D family, member 4	Pld4			2.9	
1417963_at	phospholipid transfer protein	Pltp			3.0	
1434518_at	phosphorylase kinase alpha 2	Phka2			2.0	
1447564_x_at	piwi-like homolog 4 (Drosophila)	Piwil4			3.0	
1418471_at	placental growth factor	Pgf			2.2	
1448995_at	platelet factor 4	Pf4			42.7	
1449351_s_at	platelet-derived growth factor, C polypeptide	Pdgfc			2.1	
1419123_a_at	platelet-derived growth factor, C polypeptide	Pdgfc			2.4	
1417523_at	pleckstrin	Plek			3.9	
1417965_at	pleckstrin homology domain containing, family A	Plekha1			2.0	

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1457491_at	Pleckstrin homology domain containing, family A	Plekha1			2.3	
1418201_at	pleckstrin homology domain containing, family G member 2	Plekhg2			2.4	
1452248_at	pleckstrin homology domain containing, family G member 5	Plekhg5			2.6	
1429004_at	pleckstrin homology domain interacting protein	Phip			2.2	
1438535_at	pleckstrin homology domain interacting protein	Phip			9.5	
1452178_at	plectin 1 /// similar to Plec1 protein	LOC100046469 /// Plec1			2.2	
1451564_at	poly (ADP-ribose) polymerase family, member 14	Parp14			2.3	
1417800_at	poly (ADP-ribose) polymerase family, member 2	Parp2			2.1	
1422850_at	poly(A) binding protein, nuclear 1	Pabpn1			2.9	
1460210_at	polycystic kidney disease 1 homolog	Pkd1			3.6	
1438004_at	polymerase (DNA directed) sigma	Pols			2.2	
1430328_at	polymerase (RNA) III (DNA directed) polypeptide F	Polr3f			3.9	
1441239_at	potassium channel tetramerisation domain containing 18	Kctd18			3.2	
1416324_s_at	potassium channel tetramerisation domain containing 20	Kctd20			2.2	
1416323_at	potassium channel tetramerisation domain containing 20	Kctd20			2.3	
1423950_at	potassium voltage-gated channel, shaker-related subfamily, beta member 3	Kcnab3			4.2	
1460038_at	POU domain, class 3, transcription factor 1	LOC100045707 /// Pou3f1			2.6	
1431238_at	PQ loop repeat containing 1	Pqlc1			2.0	
1442740_at	PR domain containing 5	Prdm5			2.5	
1428647_at	pre B-cell leukemia transcription factor 1	LOC676870 /// Pbx1			2.0	
1418893_at	pre B-cell leukemia transcription factor 2	Pbx2			2.6	
1449261_at	pre B-cell leukemia transcription factor 2	Pbx2			3.3	
1418894_s_at	pre B-cell leukemia transcription factor 2	Pbx2			3.6	
1439560_x_at	predicted gene, EG432995	EG432995			3.5	
1442536_at	predicted gene, EG619719	EG619719			3.7	
1444993_at	predicted gene, EG664949	EG664949			2.3	
1443858_at	Predicted gene, EG667823	EG667823			2.4	
1438050_x_at	predicted gene, EG668525	EG668525			4.5	
1435740_at	predicted gene, ENSMUSG00000072684	ENSMUSG00000072684			2.3	
1458701_at	preimplantation protein 4	Prei4			3.2	
1429639_at	preimplantation protein 4	Prei4			5.6	
1452249_at	prickle like 1 (Drosophila)	Prickle1			4.4	
1415901_at	procollagen-lysine, 2-oxoglutarate 5-dioxygenase 3	Plod3			2.4	
1428688_at	programmed cell death protein 11	Pdcd11			2.2	
1421410_a_at	proline-serine-threonine phosphatase-interacting protein 2	Pstpip2			2.9	
1444419_at	prolylcarboxypeptidase (angiotensinase C)	LOC100048394 /// Prcp			2.4	
1424208_at	prostaglandin E receptor 4 (subtype EP4)	Ptger4			2.6	
1434891_at	prostaglandin F2 receptor negative regulator	Ptgfrn			2.7	
1447122_at	Proteasome (prosome, macropain) 26S subunit, non-ATPase, 1	Psm1			6.1	
1417056_at	proteasome (prosome, macropain) 28 subunit, alpha	Psme1			2.1	
1446464_at	Proteasome (prosome, macropain) activator subunit 4	Psme4			5.5	
1441707_at	Proteasome (prosome, macropain) subunit, alpha type 3	Psma3			2.2	
1450696_at	proteasome (prosome, macropain) subunit, beta type 9	Psm9			2.4	
1448379_at	protection of telomeres 1A	Pot1a			2.8	
1420664_s_at	protein C receptor, endothelial	Procr			2.3	
1446448_at	protein inhibitor of activated STAT 1	Pias1			2.5	

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1428230_at	protein kinase D3	Prkd3			2.7	
1457197_at	protein kinase, cAMP dependent, catalytic, beta	Prkacb			6.1	
1451576_at	protein kinase, DNA activated, catalytic polypeptide	Prkdc			2.5	
1429500_at	protein phosphatase 1A, magnesium dependent, alpha isoform	Ppm1a			2.3	
1423911_at	protein phosphatase 2, regulatory subunit B (B56), alpha isoform	LOC100046393 /// Ppp2r5a			2.2	
1453298_at	protein tyrosine phosphatase, non-receptor type 21	Ptpn21			4.1	
1422124_a_at	protein tyrosine phosphatase, receptor type, C	Ptprc			7.8	
1420843_at	protein tyrosine phosphatase, receptor type, F	Ptprf			3.4	
1428577_at	protein tyrosine phosphatase, receptor type, f polypeptide, interacting	Ppfia4			4.2	
1455030_at	protein tyrosine phosphatase, receptor type, J	Ptprij			2.6	
1447825_x_at	protocadherin 8	Pcdh8			2.0	
1438103_at	protocadherin gamma subfamily C, 4	Pcdhgc4			2.1	
1433104_at	pseudouridine synthase 3	Pus3			2.3	
1428800_a_at	pseudouridylate synthase 7 homolog (S. cerevisiae)-like	Pus7l			2.4	
1419853_a_at	purinergic receptor P2X, ligand-gated ion channel, 7	P2rx7			4.5	
1452913_at	Purkinje cell protein 4-like 1	Pcp4l1			2.7	
1418560_at	pyruvate dehydrogenase E1 alpha 1	Pdha1			2.6	
1423748_at	pyruvate dehydrogenase kinase, isoenzyme 1	Pdk1			6.0	
1435836_at	pyruvate dehydrogenase kinase, isoenzyme 1	Pdk1			4.5	
1423747_a_at	pyruvate dehydrogenase kinase, isoenzyme 1	Pdk1			5.4	
1417308_at	pyruvate kinase, muscle	Pkm2			2.3	
1457336_at	R3H domain 1 (binds single-stranded nucleic acids)	R3hdm1			4.0	
1434156_at	RAB11 family interacting protein 4 (class II)	Rab11fip4			2.2	
1443954_at	RAD18 homolog (S. cerevisiae)	Rad18			3.2	
1421008_at	radical S-adenosyl methionine domain containing 2	Rsad2			12.9	
1450690_at	RAN binding protein 2	Ranbp2			2.1	
1445883_at	RAN binding protein 2	Ranbp2			7.3	
1440104_at	RAN binding protein 2	Ranbp2			7.7	
1442775_at	RAN GTPase activating protein 1	Rangap1			4.2	
1436325_at	RAR-related orphan receptor alpha	Rora			2.3	
1448546_at	Ras association (RalGDS/AF-6) domain family member 3	Rassf3			3.2	
1451516_at	Ras homolog enriched in brain like 1	Rheb1			2.8	
1447818_x_at	Ras homolog enriched in brain like 1	Rheb1			3.0	
1429444_at	RAS-like, family 11, member A	Rasl11a			2.5	
1455323_at	RB-associated KRAB repressor	Rbak			2.1	
1428227_at	RE1-silencing transcription factor	Rest			2.2	
1425565_at	RE1-silencing transcription factor	Rest			2.4	
1418580_at	receptor transporter protein 4	Rtp4			2.2	
1418487_at	receptor-interacting serine-threonine kinase 4	Ripk4			2.2	
1418488_s_at	receptor-interacting serine-threonine kinase 4	Ripk4			2.4	
1446606_at	region containing RIKEN cDNA 1700028E10 gene	LOC625175			3.3	
1434027_at	regulator of calcineurin 3	Rcan3			3.9	
1436059_at	regulatory factor X, 1 (influences HLA class II expression)	Rfx1			2.2	
1439724_at	resistance to inhibitors of cholinesterase 8 homolog B (C. elegans)	Ric8b			2.1	
1421359_at	ret proto-oncogene	Ret			6.2	
1433906_at	retinaldehyde binding protein 1-like 1	Rlbp11			4.9	

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1454773_at	retinoid X receptor alpha	Rxra			2.8	
1428369_s_at	Rho GTPase activating protein 21	Arhgap21			2.7	
1444128_at	Rho GTPase activating protein 26	Arhgap26			2.5	
1457410_at	Rho GTPase activating protein 5	Arhgap5			4.1	
1457172_at	Rho guanine nucleotide exchange factor (GEF) 15	Arhgef15			6.1	
1435941_at	rhomboid, veinlet-like 3 (Drosophila)	Rhbdl3			3.1	
1454639_x_at	ribosomal protein L41 /// RIKEN cDNA 2210411K19 gene	2210411K19Rik /// Rpl41			3.0	
1415913_at	ribosomal protein S13 /// predicted gene, EG625298	EG625298 /// LOC100039924			2.1	
1416276_a_at	ribosomal protein S4, X-linked	Rps4x			2.1	
1426123_a_at	ribosome binding protein 1	Rrbp1			2.6	
1449221_a_at	ribosome binding protein 1	Rrbp1			3.3	
1428679_s_at	RIKEN cDNA 0610010K14 gene	0610010K14Rik			2.8	
1429252_at	RIKEN cDNA 0610010K14 gene	0610010K14Rik			2.8	
1438254_at	RIKEN cDNA 1110007A13 gene	1110007A13Rik			2.1	
1451302_at	RIKEN cDNA 1110012L19 gene	1110012L19Rik			2.1	
1436747_at	RIKEN cDNA 1110014K08 gene	1110014K08Rik			3.1	
1455294_at	RIKEN cDNA 1110029L17 gene	1110029L17Rik			2.7	
1439543_at	RIKEN cDNA 1110064A23 gene	1110064A23Rik			5.6	
1429219_at	RIKEN cDNA 1200009F10 gene	1200009F10Rik			2.7	
1423655_a_at	RIKEN cDNA 1500010J02 gene	1500010J02Rik			2.2	
1447537_at	RIKEN cDNA 1500032P08 gene	1500032P08Rik			3.3	
1439014_at	RIKEN cDNA 1600021P15 gene	1600021P15Rik			2.3	
1430199_at	RIKEN cDNA 1700007E05 gene	1700007E05Rik			4.2	
1453168_at	RIKEN cDNA 1700029J07 gene	1700029J07Rik			2.1	
1430499_at	RIKEN cDNA 1700058M13 gene	1700058M13Rik			2.2	
1447569_at	RIKEN cDNA 1700081L11 gene	1700081L11Rik			2.0	
1441400_at	RIKEN cDNA 1810029B16 gene	1810029B16Rik			2.1	
1433530_at	RIKEN cDNA 2210411K19 gene	2210411K19Rik			3.5	
1452159_at	RIKEN cDNA 2310001A20 gene	2310001A20Rik			2.1	
1425087_at	RIKEN cDNA 2310003F16 gene	2310003F16Rik			2.0	
1428383_a_at	RIKEN cDNA 2310021P13 gene	2310021P13Rik			2.7	
1436001_at	RIKEN cDNA 2310028O11 gene	2310028O11Rik			2.4	
1445881_at	RIKEN cDNA 2310035P21 gene	2310035P21Rik			6.5	
1455389_s_at	RIKEN cDNA 2310051F07 gene	2310051F07Rik			3.9	
1443314_at	RIKEN cDNA 2410042D21 gene	2410042D21Rik			2.9	
1444220_at	RIKEN cDNA 2410089E03 gene	2410089E03Rik			3.3	
1429967_at	RIKEN cDNA 2600002B07 gene	2600002B07Rik			2.8	
1438591_at	RIKEN cDNA 2610019A05 gene	2610019A05Rik			3.1	
1442897_at	RIKEN cDNA 2610024E20 gene	2610024E20Rik			2.1	
1430264_at	RIKEN cDNA 2610030P05 gene	2610030P05Rik			5.6	
1457593_at	RIKEN cDNA 2610202C22 gene	2610202C22Rik			4.0	
1455160_at	RIKEN cDNA 2610203C20 gene	2610203C20Rik			2.0	
1428604_at	RIKEN cDNA 2610305D13 gene	2610305D13Rik			3.7	
1433312_at	RIKEN cDNA 2700057C20 gene	2700057C20Rik			3.2	
1436349_at	RIKEN cDNA 2700094K13 gene	2700094K13Rik			2.0	
1441087_at	RIKEN cDNA 2810011L19 gene	2810011L19Rik			2.3	

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1430195_at	RIKEN cDNA 2810043O03 gene	2810043O03Rik			6.9	
1429821_at	RIKEN cDNA 2810046L04 gene	2810046L04Rik			3.5	
1432924_at	RIKEN cDNA 2810404I24 gene	2810404I24Rik			6.3	
1454521_at	RIKEN cDNA 2810421E14 gene	2810421E14Rik			3.8	
1430010_at	RIKEN cDNA 2810465G24 gene	2810465G24Rik			2.0	
1452989_at	RIKEN cDNA 2900009J20 gene	2900009J20Rik			4.6	
1454384_at	RIKEN cDNA 2900057C01 gene	2900057C01Rik			4.6	
1429857_at	RIKEN cDNA 2900092D14 gene	2900092D14Rik			2.0	
1430816_at	RIKEN cDNA 3110003A22 gene	3110003A22Rik			2.4	
1429331_at	RIKEN cDNA 4632427E13 gene	4632427E13Rik			2.5	
1446425_at	RIKEN cDNA 4732418C07 gene	4732418C07Rik			4.4	
1430220_at	RIKEN cDNA 4833420G17 gene	4833420G17Rik			2.4	
1456906_at	RIKEN cDNA 4833432P19 gene, mRNA	---			2.4	
1441753_at	RIKEN cDNA 4921505C17 gene	4921505C17Rik			3.0	
1432694_at	RIKEN cDNA 4921527H02 gene	4921527H02Rik			2.3	
1429694_at	RIKEN cDNA 4930402H24 gene	4930402H24Rik			3.3	
1454216_at	RIKEN cDNA 4930408F14 gene	4930408F14Rik			2.2	
1457754_at	RIKEN cDNA 4930430F08 gene	4930430F08Rik			2.3	
1431924_at	RIKEN cDNA 4930432N10 gene	4930432N10Rik			2.5	
1419151_at	RIKEN cDNA 4930449I24 gene	4930449I24Rik /// LOC100041548			4.1	
1431870_at	RIKEN cDNA 4930463O16 gene	4930463O16Rik			2.4	
1439969_at	RIKEN cDNA 4930500O05 gene	4930500O05Rik			2.1	
1439134_s_at	RIKEN cDNA 4930524O07 gene	4930524O07Rik			2.1	
1439133_at	RIKEN cDNA 4930524O07 gene	4930524O07Rik			2.3	
1431648_at	RIKEN cDNA 4930528F23 gene	4930528F23Rik			2.8	
1441039_at	RIKEN cDNA 4930532J02 gene	4930532J02Rik			2.4	
1433276_at	RIKEN cDNA 4930556A12 gene	4930556A12Rik			4.2	
1427016_at	RIKEN cDNA 4932438A13 gene	4932438A13Rik			2.1	
1444660_at	RIKEN cDNA 4932438A13 gene	4932438A13Rik			5.0	
1440851_at	RIKEN cDNA 4933407N01 gene	4933407N01Rik			4.2	
1432642_at	RIKEN cDNA 4933411E06 gene	4933411E06Rik			5.2	
1429811_at	RIKEN cDNA 4933424B01 gene	4933424B01Rik			2.0	
1445223_at	RIKEN cDNA 4933430H15 gene	4933430H15Rik			2.2	
1430441_at	RIKEN cDNA 4933438K21 gene	4933438K21Rik			3.3	
1438541_at	RIKEN cDNA 4933439F18 gene	4933439F18Rik			3.3	
1428694_at	RIKEN cDNA 5033413D16 gene	5033413D16Rik			3.6	
1460361_at	RIKEN cDNA 5033414D02 gene	5033414D02Rik			2.1	
1460500_at	RIKEN cDNA 5033421C21 gene	5033421C21Rik			11.2	
1432946_at	RIKEN cDNA 5230400M06 gene	5230400M06Rik			4.1	
1455553_at	RIKEN cDNA 5330401P04 gene	5330401P04Rik			2.4	
1428419_at	RIKEN cDNA 5430411K18 gene	5430411K18Rik			2.1	
1432850_at	RIKEN cDNA 5430434G16 gene	5430434G16Rik			3.4	
1433174_a_at	RIKEN cDNA 5430440L12 gene	5430440L12Rik			2.2	
1452750_at	RIKEN cDNA 5530601H04 gene	5530601H04Rik			2.2	
1453790_at	RIKEN cDNA 5730403B10 gene	5730403B10Rik			2.2	
1432843_at	RIKEN cDNA 5730405O12 gene	5730405O12Rik			3.4	

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1428220_at	RIKEN cDNA 5730419I09 gene	5730419I09Rik			2.0	
1444738_at	RIKEN cDNA 5730419I09 gene	5730419I09Rik			7.3	
1443226_at	RIKEN cDNA 5730470L24 gene	5730470L24Rik			2.4	
1457642_at	RIKEN cDNA 5730507N06 gene	5730507N06Rik			2.5	
1457913_at	RIKEN cDNA 5730601F06 gene	5730601F06Rik			3.6	
1420758_at	RIKEN cDNA 5830411J07 gene	5830411J07Rik			4.2	
1430379_at	RIKEN cDNA 5830411K21 gene	5830411K21Rik			3.9	
1436652_at	RIKEN cDNA 5830418K08 gene	5830418K08Rik			2.3	
1456296_at	RIKEN cDNA 5830418K08 gene	5830418K08Rik			4.8	
1430702_at	RIKEN cDNA 5830427D03 gene	5830427D03Rik			5.1	
1433624_at	RIKEN cDNA 5830434P21 gene	5830434P21Rik			2.5	
1429978_at	RIKEN cDNA 5830467E07 gene	5830467E07Rik			5.8	
1453658_at	RIKEN cDNA 5830477G23 gene	5830477G23Rik			2.7	
1430585_at	RIKEN cDNA 5930436O19 gene	5930436O19Rik			7.2	
1440163_at	RIKEN cDNA 6030490B17 gene	6030490B17Rik			8.8	
1437873_at	RIKEN cDNA 6030490I01 gene	6030490I01Rik			2.8	
1437753_at	RIKEN cDNA 6230409E13 gene	6230409E13Rik			2.0	
1426766_at	RIKEN cDNA 6330403K07 gene	6330403K07Rik			4.3	
1460555_at	RIKEN cDNA 6330500D04 gene	6330500D04Rik			5.6	
1441403_at	RIKEN cDNA 6430501K19 gene	6430501K19Rik			3.0	
1451456_at	RIKEN cDNA 6430706D22 gene	6430706D22Rik			2.3	
1429949_at	RIKEN cDNA 6530415H11 gene	6530415H11Rik			2.5	
1437798_at	RIKEN cDNA 6720422M22 gene	6720422M22Rik			2.5	
1456282_at	RIKEN cDNA 6720457D02 gene	6720457D02Rik			2.8	
1456896_at	RIKEN cDNA 6720462K09 gene	6720462K09Rik			3.1	
1436740_at	RIKEN cDNA 6820431F20 gene	6820431F20Rik			3.7	
1437717_x_at	RIKEN cDNA 6820431F20 gene	6820431F20Rik			4.3	
1429882_at	RIKEN cDNA 6820431F20 gene	6820431F20Rik			10.1	
1458058_at	RIKEN cDNA 7030407E18 gene	7030407E18Rik			11.4	
1444797_at	RIKEN cDNA 8030474K03 gene	8030474K03Rik			2.1	
1431158_at	RIKEN cDNA 8430406H22 gene	8430406H22Rik			2.2	
1444646_at	RIKEN cDNA 8430420F16 gene	8430420F16Rik			4.1	
1430097_at	RIKEN cDNA 8430436C05 gene	8430436C05Rik			2.7	
1430942_at	RIKEN cDNA 8430437O03 gene	8430437O03Rik			7.1	
1440974_at	RIKEN cDNA 9030203C11 gene	9030203C11Rik			3.4	
1429846_at	RIKEN cDNA 9030411K21 gene	9030411K21Rik			3.2	
1433101_at	RIKEN cDNA 9030419F21 gene	9030419F21Rik			3.9	
1430191_at	RIKEN cDNA 9130004J05 gene	9130004J05Rik			5.5	
1438299_at	RIKEN cDNA 9230108I15 gene	9230108I15Rik			2.2	
1441114_at	RIKEN cDNA 9330156P08 gene	9330156P08Rik			4.3	
1430663_at	RIKEN cDNA 9430037O13 gene	9430037O13Rik			3.6	
1441779_at	RIKEN cDNA 9530006C21 gene	9530006C21Rik			2.7	
1459344_at	RIKEN cDNA 9630019E01 gene	9630019E01Rik			3.6	
1442427_at	RIKEN cDNA 9630026M06 gene	9630026M06Rik			4.1	
1447269_at	RIKEN cDNA 9630031F12 gene	9630031F12Rik			6.7	
1456758_at	RIKEN cDNA 9930017N22 gene	9930017N22Rik			3.4	

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1440671_at	RIKEN cDNA A130012E19 gene	A130012E19Rik			3.0	
1437719_x_at	RIKEN cDNA A230046K03 gene	A230046K03Rik			2.9	
1439450_x_at	RIKEN cDNA A230046K03 gene	A230046K03Rik			3.0	
1456334_s_at	RIKEN cDNA A230106D06 gene	A230106D06Rik			3.5	
1457112_at	RIKEN cDNA A230106N23 gene	A230106N23Rik			2.5	
1446797_at	RIKEN cDNA A330075M08 gene	A330075M08Rik			2.6	
1434841_at	RIKEN cDNA A430093A21 gene	A430093A21Rik			2.3	
1438895_at	RIKEN cDNA A430102J17 gene	A430102J17Rik			7.2	
1432567_at	RIKEN cDNA A430105D02 gene	A430105D02Rik			4.1	
1430774_at	RIKEN cDNA A430106A12 gene	A430106A12Rik			4.0	
1438049_at	RIKEN cDNA A430108E01 gene	A430108E01Rik			3.8	
1455461_at	RIKEN cDNA A530017D24 gene	A530017D24Rik			2.4	
1436447_at	RIKEN cDNA A630026N12 gene	A630026N12Rik			2.7	
1443950_at	RIKEN cDNA A630042L21 gene	A630042L21Rik			2.8	
1443114_at	RIKEN cDNA A730059M13 gene	A730059M13Rik			6.1	
1434292_at	RIKEN cDNA A930034L06 gene	A930034L06Rik			5.5	
1435266_at	RIKEN cDNA A930041I02 gene	A930041I02Rik			2.0	
1445081_at	RIKEN cDNA A930041I02 gene	A930041I02Rik			2.8	
1438454_at	RIKEN cDNA B430203M17 gene	B430203M17Rik			3.7	
1444119_at	RIKEN cDNA B930006L02 gene	B930006L02Rik			2.5	
1458376_at	RIKEN cDNA B930025B16 gene	B930025B16Rik			2.4	
1441656_at	RIKEN cDNA B930068K11 gene	B930068K11Rik			4.9	
1432547_at	RIKEN cDNA C030005H24 gene	C030005H24Rik			3.1	
1452351_at	RIKEN cDNA C030027K23 gene	C030027K23Rik			2.4	
1444353_at	RIKEN cDNA C030040A22 gene	C030040A22Rik			2.7	
1429264_at	RIKEN cDNA C030044B11 gene	C030044B11Rik			3.5	
1457334_at	RIKEN cDNA C130057M05 gene	C130057M05Rik			3.8	
1441632_at	RIKEN cDNA C130079B09 gene	C130079B09Rik			2.3	
1435564_at	RIKEN cDNA C230078M08 gene	C230078M08Rik			2.4	
1436709_at	RIKEN cDNA C230096C10 gene	C230096C10Rik			2.2	
1457508_at	RIKEN cDNA C430003N24 gene	C430003N24Rik			5.5	
1445312_at	RIKEN cDNA C530043G21 gene	C530043G21Rik			4.1	
1440985_at	RIKEN cDNA D130023J23 gene	D130023J23Rik			3.3	
1443068_at	RIKEN cDNA D130084N16 gene	D130084N16Rik			2.3	
1442151_at	RIKEN cDNA D230040A04 gene	D230040A04Rik			6.1	
1434301_at	RIKEN cDNA D330050I23 gene	D330050I23Rik			2.1	
1455447_at	RIKEN cDNA D430019H16 gene	D430019H16Rik			5.2	
1455134_at	RIKEN cDNA D730040F13 gene	D730040F13Rik			2.9	
1426834_s_at	RIKEN cDNA D930015E06 gene	D930015E06Rik			2.4	
1440443_at	RIKEN cDNA E030016H06 gene	E030016H06Rik			3.2	
1430386_at	RIKEN cDNA E030024N20 gene	E030024N20Rik			3.0	
1444086_at	RIKEN cDNA E030049G20 gene	E030049G20Rik			2.4	
1445717_at	RIKEN cDNA E130108L08 gene	E130108L08Rik			6.2	
1439673_at	RIKEN cDNA E230008O15 gene	E230008O15Rik			4.1	
1433798_a_at	RIKEN cDNA E330034G19 gene	E330034G19Rik			2.4	
1441187_at	RIKEN cDNA E330037M01 gene	E330037M01Rik			4.7	

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1440072_at	RIKEN cDNA E430022K19 gene	E430022K19Rik			3.4	
1440342_at	RIKEN cDNA G530011O06 gene	G530011O06Rik			4.6	
1446444_at	ring finger and CCCH-type zinc finger domains 2	Rc3h2			4.1	
1426925_at	ring finger and CCCH-type zinc finger domains 2	Rc3h2			5.7	
1434207_at	ring finger protein 169	Rnf169			2.5	
1425124_at	ring finger protein 183	Rnf183			3.7	
1460018_at	Ring finger protein 213	Rnf213			3.6	
1458507_at	Ring finger protein 216	Rnf216			2.9	
1423740_a_at	RNA binding motif protein 10	Rbm10			2.5	
1425522_at	RNA binding motif protein 25	Rbm25			2.7	
1437862_at	RNA binding motif protein 25	Rbm25			4.0	
1426419_at	RNA binding motif protein 26	Rbm26			2.1	
1454681_at	RNA binding motif protein 35A	Rbm35a			3.6	
1438420_at	RNA binding motif protein 39	Rbm39			2.9	
1439316_at	RNA binding motif protein 39	Rbm39			6.1	
1440223_at	RNA binding motif protein 6	Rbm6			5.0	
1418247_s_at	RNA binding motif protein 9	Rbm9			2.0	
1452899_at	RNA imprinted and accumulated in nucleus	Rian			5.2	
1455893_at	R-spondin 2 homolog (Xenopus laevis)	Rspo2			10.6	
1434958_at	sacsin	Sacs			2.1	
1419730_at	S-adenosylhomocysteine hydrolase-like 2	Ahcyl2			5.6	
1445720_at	SAFB-like, transcription modulator	Sltm			2.5	
1456683_at	SAFB-like, transcription modulator	Sltm			5.9	
1437983_at	sal-like 1 (Drosophila)	Sall1			3.0	
1424152_at	sal-like 4 (Drosophila)	Sall4			2.3	
1434438_at	SAM domain and HD domain, 1	Samhd1			2.9	
1418131_at	SAM domain and HD domain, 1	Samhd1			2.4	
1420688_a_at	sarcoglycan, epsilon	Sgce			2.4	
1427987_at	scaffold attachment factor B2	Safb2			2.3	
1427988_s_at	scaffold attachment factor B2	Safb2			2.3	
1427102_at	schlafen 4	Slfn4			9.6	
1451655_at	schlafen 8	Slfn8			3.3	
1443176_at	Scm-like with four mbt domains 2	Sfmbt2			4.1	
1455549_at	SEC14 and spectrin domains 1	Sestd1			3.1	
1428136_at	secreted frizzled-related protein 1	Sfrp1			2.1	
1448201_at	secreted frizzled-related protein 2	Sfrp2			4.1	
1451224_at	secretory carrier membrane protein 5	Scamp5			4.3	
1420824_at	sema domain, immunoglobulin domain (Ig)	Sema4d			3.6	
1433920_at	sema domain, immunoglobulin domain (Ig)	Sema4c			3.9	
1429233_at	septin 11	Sept11			2.5	
1429234_s_at	septin 11	Sept11			2.2	
1422601_at	serine (or cysteine) peptidase inhibitor, clade B, member 9	Serpib9			2.6	
1438688_at	serine/arginine repetitive matrix 2	Srrm2			2.3	
1430165_at	serine/threonine kinase 17b (apoptosis-inducing)	Stk17b			3.3	
1426247_at	serine/threonine kinase 24 (STE20 homolog, yeast)	Stk24			2.0	

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1418739_at	serum/glucocorticoid regulated kinase 2	Sgk2			2.4	
1433711_s_at	sestrin 1 /// similar to Sesn1 protein	LOC100047324 /// Sesn1			2.0	
1438931_s_at	sestrin 1 /// similar to Sesn1 protein	LOC100047324 /// Sesn1			2.1	
1460373_a_at	SET domain containing 4	Setd4			2.3	
1435405_at	SET domain containing 4	Setd4			4.6	
1441573_at	Sex comb on midleg homolog 1	Scmh1			5.5	
1435644_at	SH3 and PX domains 2B	Sh3pxd2b			2.5	
1428107_at	SH3-binding domain glutamic acid-rich protein like	Sh3bgrl			2.0	
1436997_x_at	SH3-binding domain glutamic acid-rich protein like	Sh3bgrl			2.2	
1423978_at	SH3-binding kinase 1	Sbk1			2.7	
1426499_at	SH3-domain GRB2-like endophilin B2	Sh3glb2			2.2	
1437503_a_at	shisa homolog 5 (<i>Xenopus laevis</i>)	Shisa5			2.8	
1434222_at	signal-induced proliferation-associated 1 like 1	Sipa111			2.3	
1439755_at	signal-induced proliferation-associated 1 like 1	Sipa111			4.8	
1434261_at	signal-induced proliferation-associated 1 like 2	Sipa112			2.4	
1416985_at	signal-regulatory protein alpha	Sirpa			4.3	
1437566_at	similar to guanine nucleotide binding protein-like 2 (nucleolar)	LOC633966			2.3	
1456635_at	similar to SP140 nuclear body protein family member	LOC100039742			3.5	
1441112_at	similar to Zinc finger BED domain containing protein 4	LOC667118			3.0	
1427917_s_at	single-stranded DNA binding protein 3	Ssbp3			2.5	
1431896_at	Six6 opposite strand transcript 1	Six6os1			3.4	
1426373_at	ski sarcoma viral oncogene homolog (avian)	Ski			3.0	
1458140_at	slit homolog 2 (<i>Drosophila</i>)	Slit2			3.7	
1452296_at	slit homolog 3 (<i>Drosophila</i>)	Slit3			2.1	
1415895_at	small nuclear ribonucleoprotein N /// SNRPN upstream reading frame	Snrpn /// Snurf			2.1	
1454703_x_at	small nucleolar RNA host gene (non-protein coding) 1	Snhg1			2.6	
1437658_a_at	small nucleolar RNA host gene (non-protein coding) 1	Snhg1			2.7	
1442497_at	SMC hinge domain containing 1	Smchd1			2.8	
1457522_at	SMEK homolog 1, suppressor of mek1 (<i>Dictyostelium</i>)	Smek1			2.7	
1451797_at	Smg-5 homolog, nonsense mediated mRNA decay factor (<i>C. elegans</i>)	Smg5			2.7	
1425883_at	Smg-6 homolog, nonsense mediated mRNA decay factor (<i>C. elegans</i>)	Smg6			4.7	
1432043_at	smu-1 suppressor of mec-8 and unc-52 homolog (<i>C. elegans</i>)	Smu1			2.2	
1420361_at	solute carrier family 11	Slc11a1			2.8	
1418257_at	solute carrier family 12, member 7	Slc12a7			2.2	
1420697_at	solute carrier family 15, member 3	Slc15a3			17.3	
1429116_at	solute carrier family 17 member 5	Slc17a5			2.1	
1438824_at	solute carrier family 20, member 1	Slc20a1			5.5	
1420967_at	solute carrier family 25 (mitochondrial carrier ornithine transporter), member 1	Slc25a15			2.2	
1428440_at	solute carrier family 25 (mitochondrial carrier, Aralar), member 12	Slc25a12			2.3	
1429154_at	solute carrier family 35, member F2	LOC100048307 /// Slc35f2			2.8	
1416637_at	solute carrier family 4 (anion exchanger), member 2	Slc4a2			2.8	
1435420_at	solute carrier family 4, sodium bicarbonate cotransporter, member 5	Slc4a5			2.0	
1457528_at	solute carrier family 4, sodium bicarbonate cotransporter, member 7	Slc4a7			3.1	
1426663_s_at	solute carrier family 45, member 3	Slc45a3			2.4	
1417929_at	solute carrier family 7 (cationic amino acid transporter, y+ system), member 8	Slc7a8			4.5	
1420952_at	Son cell proliferation protein	Son			2.2	

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1428471_at	sorbin and SH3 domain containing 1	Sorbs1			2.8	
1436737_a_at	sorbin and SH3 domain containing 1	Sorbs1			3.0	
1423362_at	sortilin 1	Sort1			2.3	
1416359_at	sorting nexin 18	Snx18			2.7	
1416008_at	special AT-rich sequence binding protein 1	Satb1			3.8	
1452407_at	sperm associated antigen 4	Spag4			2.5	
1437676_at	sperm associated antigen 9	Spag9			5.0	
1429817_at	spermatogenesis and oogenesis specific basic helix-loop-helix 2	Sohlh2			2.4	
1442456_at	spermatogenesis associated 5	Spata5			4.1	
1421668_x_at	spermatogenesis associated glutamate (E)-rich protein 3	Speer3			2.7	
1429992_at	spermatogenesis associated glutamate (E)-rich protein 4b	Speer4b			4.6	
1429993_s_at	spermatogenesis associated glutamate (E)-rich protein 4b	LOC100039045 /// Speer4b			4.5	
1420791_x_at	spermatogenesis associated glutamate (E)-rich protein 4f	Speer4f			4.6	
1430008_x_at	spermatogenesis associated glutamate (E)-rich protein 5, pseudogene 1	Speer5-ps1			2.8	
1417838_at	spermiogenesis specific transcript on the Y 2	LOC100039209 /// LOC100039271			2.1	
1416999_at	sphingomyelin phosphodiesterase 2, neutral	Smpd2			3.3	
1442079_at	sphingomyelin synthase 1	Sgms1			4.4	
1418262_at	spleen tyrosine kinase	Syk			2.1	
1441466_at	splicing factor, arginine/serine-rich 10 (transformer 2 homolog, Drosophila)	Sfrs10			3.0	
1458056_at	splicing factor, arginine/serine-rich 12	Sfrs12			4.7	
1436005_at	splicing factor, arginine/serine-rich 14	Sfrs14			2.4	
1452885_at	splicing factor, arginine/serine-rich 2, interacting protein	Sfrs2ip			2.3	
1436871_at	splicing factor, arginine/serine-rich 7	Sfrs7			2.4	
1438675_at	splicing factor, arginine/serine-rich 8	Sfrs8			7.0	
1451342_at	spondin 1, (f-spondin) extracellular matrix protein	Spon1			2.8	
1440867_at	sprouty homolog 4 (Drosophila)	Spry4			2.9	
1445669_at	sprouty homolog 4 (Drosophila)	Spry4			3.9	
1437504_at	Src-like-adaptor 2	Sla2			2.1	
1420903_at	ST6 N-acetylgalactosaminide	St6galnac3			2.8	
1455695_at	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 1	St8sia1			2.0	
1450199_a_at	stabilin 1	Stab1			2.9	
1435113_x_at	stathmin-like 3	Stmn3			3.2	
1419092_a_at	STE20-like kinase (yeast)	Slk			2.1	
1433999_at	STE20-like kinase (yeast)	Slk			2.6	
1430058_at	stem-loop binding protein	Slbp			4.2	
1460603_at	sterile alpha motif domain containing 9-like	Samd9l			2.6	
1452174_at	sterol regulatory element binding factor 2	Srebfb2			2.7	
1448774_at	stomatin (Epb7.2)-like 2	Stoml2			2.4	
1441266_at	Striatin, calmodulin binding protein 3	Strn3			4.0	
1426270_at	structural maintenance of chromosomes 5	Smc5			2.0	
1436319_at	sulfatase 1	Sulf1			2.1	
1433714_at	sulfotransferase family 4A, member 1	Sult4a1			2.2	
1445387_at	SUMO/sentrin specific peptidase 6	Senp6			10.6	
1440222_at	superoxide dismutase 1, soluble	Sod1			2.8	
1433374_at	suppressor of Ty 7 (S. cerevisiae)-like	Supt7l			2.1	
1428460_at	synapsin II	Syn2			2.4	

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1442285_at	synaptic nuclear envelope 2	Syne2			2.4	
1417081_a_at	synaptogyrin 2	Syngn2			2.5	
1448577_x_at	synaptogyrin 2	Syngn2			2.2	
1416828_at	synaptosomal-associated protein 25	Snapt25			4.2	
1449912_at	synovial sarcoma, X member B, breakpoint 1	LOC100044599 /// Ssxb1			3.2	
1455513_at	TAF1 RNA polymerase II associated factor	Taf1			2.3	
1438130_at	TAF15 RNA polymerase II associated factor	Taf15			2.8	
1456975_at	TAO kinase 1	Taok1			5.8	
1438513_at	TatD DNase domain containing 1	Tatdn1			2.6	
1430808_at	TBC1 domain family, member 5	Tbc1d5			6.2	
1455015_at	TBC1 domain family, member 9	Tbc1d9			2.6	
1443527_at	telomeric repeat binding factor 1	Terf1			4.0	
1439739_at	testes-specific protease 50	LOC100047259 /// Tsp50			2.4	
1417482_at	testis expressed gene 19	Tex19			2.4	
1428197_at	tetraspanin 9	Tspan9			2.1	
1437709_x_at	tetratricopeptide repeat domain 13	Ttc13			2.1	
1441684_at	tetratricopeptide repeat domain 3	Ttc3			3.0	
1460077_at	tetratricopeptide repeat domain 3	Ttc3			3.5	
1417316_at	thioesterase superfamily member 2	Them2			2.5	
1415996_at	thioredoxin interacting protein	Txnip			2.6	
1431044_at	THO complex 1	Thoc1			2.7	
1448529_at	thrombomodulin	Thbd			3.4	
1450663_at	thrombospondin 2	Thbs2			2.0	
1416623_at	thrombospondin 3	Thbs3			2.2	
1452125_at	thyroid hormone receptor associated protein 3	Thrap3			5.5	
1450371_at	thyroid stimulating hormone, beta subunit	Tshb			3.6	
1418587_at	Tnf receptor-associated factor 3	Traf3			2.5	
1457676_at	toll-interleukin 1 receptor (TIR) domain-containing adaptor protein	Tirap			2.1	
1449049_at	toll-like receptor 1	Tlr1			2.1	
1422782_s_at	toll-like receptor 3	Tlr3			6.7	
1416731_at	topoisomerase (DNA) II beta	Top2b			2.4	
1460002_at	tousled-like kinase 1 /// similar to tousled-like kinase 1	LOC100046241 /// Tlk1			2.7	
1439619_at	transcription factor 12	Tcf12			4.6	
1433471_at	transcription factor 7, T-cell specific	Tcf7			2.5	
1455109_at	transducin (beta)-like 1X-linked receptor 1	Tbl1xr1			2.0	
1448727_at	transducin-like enhancer of split 6, homolog of Drosophila E(spl)	Tle6			2.3	
1416532_at	transformation/transcription domain-associated protein	Trrap			3.2	
1456671_at	transforming growth factor beta regulated gene 3	Tbrg3			5.0	
1433795_at	transforming growth factor, beta receptor III	Tgfb3			2.4	
1455834_x_at	transforming, acidic coiled-coil containing protein 3	Tacc3			2.7	
1430485_at	transient receptor potential cation channel, subfamily C, member 2	Trpc2			2.6	
1431355_s_at	transient receptor potential cation channel, subfamily M, member 7	Trpm7			4.1	
1451268_at	translocation associated membrane protein 1-like 1	Tram111			2.7	
1424445_at	transmembrane 4 superfamily member 5	Tm4sf5			2.9	
1451692_at	transmembrane and coiled-coil domains 6	Tmco6			2.0	
1428113_at	transmembrane and tetratricopeptide repeat containing 4	Tmtc4			2.2	

1460128_at	Transmembrane emp24 domain trafficking protein 2	Tmed2	2.0
1438698_at	transmembrane protein 132C	Tmem132c	6.3
1454741_s_at	transmembrane protein 164	Tmem164	2.1
1433854_at	Transmembrane protein 164	Tmem164	3.8
1439726_at	transmembrane protein 186	Tmem186	2.6
1438010_at	transmembrane protein 201	Tmem201	2.5
1436698_x_at	transmembrane protein 204	Tmem204	2.5
1438082_at	transmembrane protein 206	Tmem206	2.2
1421904_at	trimethylguanosine synthase homolog (S. cerevisiae)	Tgs1	2.1
1446164_at	Trimethylguanosine synthase homolog (S. cerevisiae)	Tgs1	3.8
1455141_at	trinucleotide repeat containing 6a	Tnrc6a	2.1
1439244_a_at	trinucleotide repeat containing 6a	Tnrc6a	2.3
1434898_at	trinucleotide repeat containing 6a	Tnrc6a	3.1
1436982_at	trinucleotide repeat containing 6b	Tnrc6b	3.3
1448940_at	tripartite motif-containing 21 /// similar to Tripartite motif protein 21	LOC100045519 /// Trim21	2.1
1418077_at	tripartite motif-containing 21 /// similar to Tripartite motif protein 21	LOC100045519 /// Trim21	2.6
1429998_at	tripartite motif-containing 23	Trim23	2.6
1446295_at	tripartite motif-containing 24	Trim24	10.7
1419879_s_at	tripartite motif-containing 25	Trim25	3.2
1425974_a_at	tripartite motif-containing 25	Trim25	3.2
1426093_at	tripartite motif-containing 34	Trim34	2.5
1431430_s_at	tripartite motif-containing 59 /// similar to mouse RING finger 1	LOC630539 /// Trim59	3.8
1430576_at	tripeptidyl peptidase II	Tpp2	8.5
1424489_a_at	tRNA isopentenyltransferase 1	Trit1	2.0
1425281_a_at	TSC22 domain family 3	Tsc22d3	2.0
1420772_a_at	TSC22 domain family 3	Tsc22d3	2.6
1420925_at	tubby candidate gene	Tub	2.1
1431309_at	tubulin tyrosine ligase-like family, member 10	Ttll10	3.8
1455719_at	tubulin, beta 5	Tubb5	2.5
1457282_x_at	Tubulin, gamma complex associated protein 5	Tubgcp5	4.1
1439680_at	tumor necrosis factor (ligand) superfamily, member 10	Tnfsf10	2.7
1418733_at	twist gene homolog 1 (Drosophila)	Twist1	2.2
1450388_s_at	twisted gastrulation homolog 1 (Drosophila)	Twsg1	2.0
1457249_at	Ubiquitin associated protein 2-like	Ubp2l	6.9
1429515_at	ubiquitin protein ligase E3 component n-recognin 2	Ubr2	2.7
1426539_at	ubiquitin specific peptidase 11	Usp11	3.2
1418191_at	ubiquitin specific peptidase 18	LOC100048346 /// Usp18	3.7
1453190_at	ubiquitin specific peptidase 19	Usp19	3.2
1455237_at	ubiquitin specific peptidase 36	Usp36	2.7
1442319_at	ubiquitin specific peptidase 4 (proto-oncogene)	Usp4	2.3
1426700_a_at	ubiquitin specific peptidase 52	Usp52	2.3
1458899_at	ubiquitin specific peptidase 53	Usp53	6.1
1438249_at	ubiquitin specific peptidase 7	Usp7	4.6
1452509_at	ubiquitin specific peptidase 9, Y chromosome	Usp9y	2.9
1450285_at	ubiquitin-activating enzyme E1, Chr Y 1	LOC100039202 ///Ube1y1	2.0
1427543_s_at	ubiquitin-activating enzyme E1, Chr Y 1	LOC100039202 ///Ube1y1	2.1
1439477_at	ubiquitin-conjugating enzyme E2B, RAD6 homolog (S. cerevisiae)	Ube2b	2.8

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1447217_at	ubiquitin-like, containing PHD and RING finger domains 2	Uhrf2			3.9	
1445198_at	ubiquitously transcribed tetratricopeptide repeat gene, X chromosome	Utx			3.5	
1460509_at	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 1	B3galt1			2.8	
1455234_at	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 1	B3galt1			3.4	
1455839_at	UDP-glucose ceramide glucosyltransferase-like 1	LOC100044322 /// Ugcg1			2.4	
1429836_at	UDP-glucose ceramide glucosyltransferase-like 2	Ugcg12			2.1	
1452182_at	UDP-N-acetylgalactosaminyltransferase	Galnt2			2.3	
1415866_at	unc-45 homolog A (C. elegans)	Unc45a			2.4	
1455912_x_at	Unc-45 homolog A (C. elegans)	Unc45a			2.6	
1436939_at	unc-45 homolog B (C. elegans)	Unc45b			2.5	
1448370_at	Unc-51 like kinase 1 (C. elegans)	Ulk1			2.5	
1439591_at	Unc-51 like kinase 2 (C. elegans)	Ulk2			6.2	
1428565_at	unkempt-like (Drosophila)	Unkl			2.2	
1445777_at	UPF2 regulator of nonsense transcripts homolog (yeast)	Upf2			2.1	
1460655_a_at	upstream binding protein 1	Ubp1			2.4	
1455222_a_at	upstream binding protein 1	Ubp1			2.6	
1450607_s_at	urocortin 2	Ucn2			2.7	
1452252_at	UTP20, small subunit (SSU) processome component, homolog (yeast)	Utp20			2.4	
1456810_at	vacuolar protein sorting 54 (yeast)	Vps54			4.2	
1439943_at	vacuolar protein sorting 54 (yeast)	Vps54			9.0	
1442251_at	valosin containing protein (p97)/p47 complex interacting protein 1	Vcpi1			4.3	
1436118_at	vang-like 2 (van gogh, Drosophila)	Vangl2			2.9	
1451097_at	vasodilator-stimulated phosphoprotein	Vasp			3.8	
1417122_at	vav 3 oncogene	Vav3			2.0	
1434606_at	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian)	ErbB3			4.3	
1451716_at	v-maf musculoaponeurotic fibrosarcoma oncogene family, protein B (avian)	Mafb			2.2	
1434054_at	v-maf musculoaponeurotic fibrosarcoma oncogene family, protein G (avian)	Mafg			2.4	
1446876_at	WD repeat domain 22	Wdr22			2.1	
1435478_at	WD repeat domain 26	Wdr26			2.1	
1451754_a_at	WD repeat domain 45	Wdr45			2.1	
1424786_s_at	WD repeat domain 45	Wdr45			2.0	
1439664_at	WD repeat domain 68	Wdr68			2.1	
1426767_at	WD repeat domain 90	Wdr90			3.7	
1453113_at	WD repeat, SAM and U-box domain containing 1	Wdsub1			2.1	
1442426_at	wings apart-like homolog (Drosophila)	Wapal			3.3	
1448594_at	WNT1 inducible signaling pathway protein 1	Wisp1			3.1	
1457794_at	Wolf-Hirschhorn syndrome candidate 1-like 1 (human)	Whsc111			3.6	
1433651_at	WT1-interacting protein	Wtip			2.6	
1437426_at	WW domain containing adaptor with coiled-coil	Wvac			7.1	
1420008_s_at	WW, C2 and coiled-coil domain containing 1	Wwc1			2.3	
1420009_at	WW, C2 and coiled-coil domain containing 1	Wwc1			2.3	
1422532_at	xeroderma pigmentosum, complementation group C	Xpc			2.1	
1420357_s_at	X-linked lymphocyte-regulated 3A	LOC100044094 /// Xlr3a			2.5	
1422933_at	X-linked lymphocyte-regulated 5C	Xlr5a /// Xlr5b /// Xlr5c			2.1	
1434278_at	X-linked myotubular myopathy gene 1	Mtm1			3.1	
1456843_at	Yamaguchi sarcoma viral (v-yes) oncogene homolog 1	Yes1			4.8	

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1451318_a_at	Yamaguchi sarcoma viral (v-yes-1) oncogene homolog	LOC676654 /// Lyn			4.3	
1426624_a_at	yippee-like 3 (Drosophila)	Ypel3			2.9	
1434501_at	yippee-like 4 (Drosophila)	Ypel4			4.9	
1457514_at	YLP motif containing 1	Ylpm1			7.6	
1437822_at	YME1-like 1 (S. cerevisiae)	Yme111			4.2	
1437598_at	zinc finger and BTB domain containing 20	Zbtb20			2.8	
1455193_at	zinc finger and BTB domain containing 8	Zbtb8			3.2	
1430568_at	zinc finger CCCH type containing 13	Zc3h13			2.2	
1445499_at	zinc finger CCCH type containing 13	Zc3h13			2.3	
1455547_at	zinc finger CCCH type containing 7B	Zc3h7b			2.2	
1418495_at	zinc finger CCCH type containing 8	Zc3h8			2.1	
1446512_at	zinc finger CCCH-type containing 15	Zc3h15			2.4	
1446127_at	Zinc finger E-box binding homeobox 1	Zeb1			10.2	
1449978_at	zinc finger protein 2, Y linked	Zfy2			2.1	
1438515_at	zinc finger protein 207	Zfp207			3.8	
1430216_at	zinc finger protein 292	Zfp292			2.1	
1436308_at	zinc finger protein 292	Zfp292			3.3	
1419574_at	zinc finger protein 292	Zfp292			3.6	
1419575_s_at	zinc finger protein 292	Zfp292			3.7	
1452519_a_at	zinc finger protein 36	Zfp36			2.5	
1450644_at	zinc finger protein 36, C3H type-like 1	Zfp3611			2.1	
1437626_at	zinc finger protein 36, C3H type-like 2	Zfp3612			2.1	
1433583_at	zinc finger protein 365	Zfp365			6.2	
1458003_at	zinc finger protein 398	Zfp398			2.5	
1439945_at	zinc finger protein 449	Zfp449			3.7	
1456789_at	zinc finger protein 462	Zfp462			3.3	
1460620_at	zinc finger protein 592	Zfp592			2.3	
1434720_at	zinc finger protein 652	Zfp652			2.3	
1459979_x_at	Zinc finger protein 68	Zfp68			2.0	
1435168_at	zinc finger protein 710	Zfp710			3.9	
1453013_at	zinc finger protein 740	Zfp740			2.0	
1455786_at	zinc finger protein 820	Zfp820			2.3	
1425775_at	zinc finger protein 820	Zfp820			3.1	
1418291_at	zinc finger protein 87	Zfp87			2.2	
1459444_at	zinc finger protein 91	Zfp91			3.8	
1444096_at	Zinc finger RNA binding protein	Zfr			2.8	
1458450_at	zinc finger RNA binding protein	Zfr			4.3	
1442311_at	Zinc finger RNA binding protein	Zfr			4.8	
1435407_at	Zinc finger with KRAB and SCAN domains 16	Zkscan16			3.0	
1439631_at	zinc finger, CCHC domain containing 11	Zcchc11			3.6	
1441359_at	zinc finger, CCHC domain containing 11	Zcchc11			8.0	
1441545_at	zinc finger, CCHC domain containing 11	Zcchc11			10.5	
1460048_at	Zinc finger, DHHC domain containing 13	Zdhhc13			3.3	
1438619_x_at	zinc finger, DHHC domain containing 14	Zdhhc14			2.7	
1431218_at	zinc finger, DHHC domain containing 20	Zdhhc20			4.4	
1433959_at	zinc finger, matrin type 4	Zmat4			3.0	

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1458523_at	zinc finger, matrin-like	Zfml			2.5	
1459818_x_at	zinc finger, MYM-type 3	Zmym3			2.3	
1417794_at	zinc finger, MYM-type 3	Zmym3			3.2	
1432001_at	zinc finger, MYND domain containing 17	Zmynd17			2.7	
1421614_at	zonadhesin	Zan			3.0	
1433869_at	ZXD family zinc finger C	Zxdc			2.2	
1435754_at	zyg-II homolog B (C. elegans)	Zyg11b			2.9	