Filant et al., Supplemental Table S3. Genes decreased by progesterone treatment.

Probe Name	Gene Symbol	Gene Name	Fold Change
A_66_P115004	*Gabrp*	gamma-aminobutyric acid (GABA) A receptor. pi	-27.12
A_51_P334942	*Aldh1a1*	aldehyde dehydrogenase family 1. subfamily A1	-10.15
A_51_P287100	*Cdh16*	cadherin 16	-10.10
A_55_P1971006	*1190003J15Rik*	RIKEN cDNA 1190003J15 gene	-8.97
A_55_P1996314	*Amy2a5*	amylase 2a5	-7.79
A_66_P109708	*Il1f6*	interleukin 1 family. member 6	-7.37
A_55_P2174582	*1190003J15Rik*	RIKEN cDNA 1190003J15 gene	-6.93
A_55_P2025687	*Muc4*	mucin 4	-6.64
A_51_P423743	*Cldn6*	claudin 6	-6.02
A_52_P214630	*Sox9*	SRY-box containing gene 9	-5.95
A_52_P214630	*Sox9*	SRY-box containing gene 9	-5.85
A_55_P2043486	*Msx2*	homeobox. msh-like 2	-5.82
A_52_P214630	*Sox9*	SRY-box containing gene 9	-5.72
A_55_P2027235	*BC048679*	cDNA sequence BC048679	-5.61
A_52_P214630	*Sox9*	SRY-box containing gene 9	-5.57
A_52_P214630	*Sox9*	SRY-box containing gene 9	-5.54
A_52_P214630	*Sox9*	SRY-box containing gene 9	-5.51
A_51_P136521	*Lypd2*	Ly6/Plaur domain containing 2	-5.48
A_51_P422751	*Clca3*	chloride channel calcium activated 3	-5.41
A_55_P2085335	*Mia1*	melanoma inhibitory activity 1	-5.26
A_52_P87843	*Aldh1a3*	aldehyde dehydrogenase family 1. subfamily A3	-5.16
A_55_P2089219	*LOC100046616*	similar to aquaporin 5	-5.14
A_52_P214630	*Sox9*	SRY-box containing gene 9	-5.12
A_51_P419226	*S100a14*	S100 calcium binding protein A14	-5.10
A_55_P1977431	*Cck*	cholecystokinin	-5.04
A_55_P1990121	*Aqp5*	aquaporin 5	-5.02
A_51_P312336	*Slc14a1*	solute carrier family 14 (urea transporter). member 1	-4.94
A_52_P214630	*Sox9*	SRY-box containing gene 9	-4.81
A_55_P2026270	*Cfi*	complement component factor i	-4.77
A_55_P1959828	*Tmem20*	transmembrane protein 20	-4.76
A_51_P373393	*Lce3c*	late cornified envelope 3C	-4.66
A_51_P211506	*Muc20*	mucin 20	-4.60
A_55_P1981994	*Krt17*	keratin 17	-4.60
A_52_P90684	*Klhl31*	kelch-like 31 (Drosophila)	-4.54
A_51_P477121	*Pmaip1*	phorbol-12-myristate-13-acetate-induced protein 1	-4.47
A_55_P2156425	*Upk1a*	uroplakin 1A	-4.42
A_51_P224164	*Slc26a4*	solute carrier family 26. member 4	-4.37
A_52_P214630	*Sox9*	SRY-box containing gene 9	-4.35
A_51_P353252	*Mal2*	mal. T-cell differentiation protein 2	-4.23
A_55_P2126192	*Lgr5*	leucine rich repeat containing G protein coupled receptor 5	-4.19
A_55_P1987650	*Ctnnd2*	catenin (cadherin associated protein). delta 2	-4.18
A_55_P2119892	*Erbb4*	v-erb-a erythroblastic leukemia viral oncogene homolog 4 (avian)	-4.14
A_52_P298394	*Lgi1*	leucine-rich repeat LGI family. member 1	-4.04
A_55_P2019784	*Lrrtm1*	leucine rich repeat transmembrane neuronal 1	-4.03
A_55_P2113160	*Mal*	myelin and lymphocyte protein. T-cell differentiation protein	-3.89
A_55_P2113439	*Caln1*	calneuron 1	-3.85
A_52_P382886	*Gjb2*	gap junction protein. beta 2	-3.80
A_55_P2304507	*Noxa1*	NADPH oxidase activator 1	-3.77
A_55_P2006261	*Krt15*	keratin 15	-3.74
A_51_P182131	*5330417C22Rik*	RIKEN cDNA 5330417C22 gene	-3.71
A_55_P2070992	*Aldoc*	aldolase C. fructose-bisphosphate	-3.64
A_55_P2026275	*Ppp1r1b*	protein phosphatase 1. regulatory (inhibitor) subunit 1B	-3.52
A_55_P2183884	*Mc4r*	melanocortin 4 receptor	-3.45
A_51_P375783	*Prap1*	proline-rich acidic protein 1	-3.45
A_51_P404193	*Sp5*	trans-acting transcription factor 5	-3.43
A_52_P203560	*Fzd10*	frizzled homolog 10 (Drosophila)	-3.39

A_55_P2052563	*Id1*	inhibitor of DNA binding 1	-3.39
A_55_P2095039	*A330049M08Rik*	RIKEN cDNA A330049M08 gene	-3.37
A_52_P619192	*Rundc3b*	RUN domain containing 3B	-3.35
A_52_P204331	*D630039A03Rik*	RIKEN cDNA D630039A03 gene	-3.35
A_51_P446131	*Gipc2*	GIPC PDZ domain containing family. member 2	-3.35
A_51_P380432	*Scx*	scleraxis	-3.34
A_55_P2009305	*LOC100046189*	hypothetical protein LOC100046189	-3.34
A_51_P183051	*Upb1*	ureidopropionase. beta	-3.30
A_55_P1984881	*1700024P16Rik*	RIKEN cDNA 1700024P16 gene	-3.29
A_51_P251352	*Slc25a13*	solute carrier family 25 (mitochondrial carrier. adenine nucleotide translocator). member 13	-3.29
A_55_P2116689	*1700024P16Rik*	RIKEN cDNA 1700024P16 gene	-3.28
A_55_P2100928	*Ptgds*	prostaglandin D2 synthase (brain)	-3.27
A_52_P655687	*Egfl6*	EGF-like-domain. multiple 6	-3.25
A_55_P1979714	*Klk11*	kallikrein related-peptidase 11	-3.23
A_55_P2059432	*Crabp2*	cellular retinoic acid binding protein II	-3.23
A_51_P505617	*Il18r1*	interleukin 18 receptor 1	-3.16
A_51_P153423	*Fndc1*	fibronectin type III domain containing 1	-3.12
A_51_P139678	*Sprr1a*	small proline-rich protein 1A	-3.09
A_55_P1978681	*Tspan8*	tetraspanin 8	-3.07
A_51_P279232	*Dennd2d*	DENN/MADD domain containing 2D	-3.07
A_51_P220278	*Ppp2r2b*	protein phosphatase 2 (formerly 2A). regulatory subunit B (PR 52). beta isoform	-3.05
A_51_P243514	*Macc1*	metastasis associated in colon cancer 1	-3.04
A_52_P482251	*Gjb6*	gap junction protein. beta 6	-3.04
A_55_P2054082	*Chst9*	carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 9	-3.02
A_55_P2015994	*Fgf9*	fibroblast growth factor 9	-3.00
A_51_P324351	*Mfi2*	antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5	-2.96
A_51_P291078	*Sel1l3*	sel-1 suppressor of lin-12-like 3 (C. elegans)	-2.95
A_51_P411345	*Mogat2*	monoacylglycerol O-acyltransferase 2	-2.92
A_51_P271984	*Tmem45b*	transmembrane protein 45b	-2.91
A_51_P483118	*Hmga1*	high mobility group AT-hook 1	-2.90
A_55_P2062246	*Tgtp2*	T-cell specific GTPase 2	-2.88
A_51_P386870	*Sprr2f*	small proline-rich protein 2F	-2.88
A_52_P536494	*Mycn*	v-myc myelocytomatosis viral related oncogene. neuroblastoma derived (avian)	-2.83
A_55_P2074656	*Padi2*	peptidyl arginine deiminase. type II	-2.81
A_55_P2085835	*5330417C22Rik*	RIKEN cDNA 5330417C22 gene	-2.79
A_55_P2130925	*Ppp2r2b*	protein phosphatase 2 (formerly 2A). regulatory subunit B (PR 52). beta isoform	-2.79
A_55_P2134236	*Foxa2*	forkhead box A2	-2.75
A_55_P2002757	*Blnk*	B-cell linker	-2.74
A_51_P215438	*Prodh*	proline dehydrogenase	-2.73
A_51_P254855	*Ptgs2*	prostaglandin-endoperoxide synthase 2	-2.72
A_55_P2124941	*Dbc1*	deleted in bladder cancer 1 (human)	-2.69
A_51_P225427	*Pkp2*	plakophilin 2	-2.67
A_55_P2112882	*Adh6a*	alcohol dehydrogenase 6A (class V)	-2.66
A_51_P254855	*Ptgs2*	prostaglandin-endoperoxide synthase 2	-2.64
A_52_P629333	*BC021891*	cDNA sequence BC021891	-2.63
A_52_P185907	*Crabp1*	cellular retinoic acid binding protein I	-2.62
A_55_P2459897	*A2m*	alpha-2-macroglobulin	-2.62
A_55_P2181888	*Tmem54*	transmembrane protein 54	-2.62
A_66_P101930	*Lce3b*	late cornified envelope 3B	-2.61
A_51_P352303	*Homer2*	homer homolog 2 (Drosophila)	-2.56
A_51_P421303	*Caly*	calcyon neuron-specific vesicular protein	-2.56
A_55_P1975185	*Sqle*	squalene epoxidase	-2.56
A_55_P2067342	*Gm9782*	predicted pseudogene 9782	-2.55
A_55_P2114779	*Greb1*	gene regulated by estrogen in breast cancer protein	-2.55
A_55_P1989673	*Slco2a1*	solute carrier organic anion transporter family. member 2a1	-2.54
A_66_P109519	*Ehf*	ets homologous factor	-2.52

A_52_P374897	*Arg2*	arginase type II	-2.52
A_51_P408649	*Shisa2*	shisa homolog 2 (Xenopus laevis)	-2.50
A_52_P79782	*Wnt7a*	wingless-related MMTV integration site 7A	-2.49
A_55_P1981291	*Spink8*	serine peptidase inhibitor. Kazal type 8	-2.48
A_51_P131408	*Tnfrsf12a*	tumor necrosis factor receptor superfamily. member 12a	-2.47
A_55_P2111380	*Ctnnd2*	catenin (cadherin associated protein). delta 2	-2.47
A_51_P404463	*1500015O10Rik*	RIKEN cDNA 1500015O10 gene	-2.46
A_55_P2014427	*Il17re*	interleukin 17 receptor E	-2.45
A_55_P2054261	*C2cd4b*	C2 calcium-dependent domain containing 4B	-2.45
A_55_P1985623	*Abcc3*	ATP-binding cassette. sub-family C (CFTR/MRP). member 3	-2.44
A_55_P1962693	*Pla2g5*	phospholipase A2. group V	-2.43
A_55_P1979828	*Sprr2g*	small proline-rich protein 2G	-2.43
A_55_P2075080	*Fat2*	FAT tumor suppressor homolog 2 (Drosophila)	-2.43
A_55_P2325663	*Lass3*	LAG1 homolog. ceramide synthase 3	-2.42
A_55_P2037428	*Mogat1*	monoacylglycerol O-acyltransferase 1	-2.41
A_55_P2095663	*Pgr*	progesterone receptor	-2.40
A_55_P2148171	*A330049M08Rik*	RIKEN cDNA A330049M08 gene	-2.40
A_51_P520650	*Dlgap1*	discs. large (Drosophila) homolog-associated protein 1	-2.40
A_55_P1998943	*Oas1a*	2'-5' oligoadenylate synthetase 1A	-2.39
A_66_P119034	*Pla2g7*	phospholipase A2. group VII (platelet-activating factor acetylhydrolase. plasma)	-2.39
A_51_P323770	*Wfdc15a*	WAP four-disulfide core domain 15A	-2.38
A_55_P2010116	*Rab27b*	RAB27b. member RAS oncogene family	-2.38
A_55_P2013665	*Mybpc2*	myosin binding protein C. fast-type	-2.37
A_51_P279100	*Ptgs1*	prostaglandin-endoperoxide synthase 1	-2.37
A_51_P254855	*Ptgs2*	prostaglandin-endoperoxide synthase 2	-2.35
A_55_P2120189	*Gas2l3*	growth arrest-specific 2 like 3	-2.35
A_52_P51429	*Dennd1c*	DENN/MADD domain containing 1C	-2.34
A_55_P2175955	*Ano9*	anoctamin 9	-2.34
A_55_P2103972			-2.34
A_55_P2023391	*Grhl3*	grainyhead-like 3 (Drosophila)	-2.34
A_55_P2095251	*Ell3*	elongation factor RNA polymerase II-like 3	-2.32
A_55_P2008987	*Ch25h*	cholesterol 25-hydroxylase	-2.31
A_55_P2070809	*Ehf*	ets homologous factor	-2.30
A_55_P2083489	*Fam129a*	family with sequence similarity 129. member A	-2.30
A_51_P101460	*Dsp*	desmoplakin	-2.29
A_51_P101460	*Dsp*	desmoplakin	-2.27
A_66_P114784	*Pla2g7*	phospholipase A2. group VII (platelet-activating factor acetylhydrolase. plasma)	-2.26
A_52_P402786	*Prom1*	prominin 1	-2.26
A_51_P454873	*Npy*	neuropeptide Y	-2.26
A_52_P447284	*Clic6*	chloride intracellular channel 6	-2.25
A_51_P486155	*Ocln*	occludin	-2.24
A_51_P101460	*Dsp*	desmoplakin	-2.24
A_55_P2071236	*Aqp5*	aquaporin 5	-2.23
A_52_P139413	*Tmem221*	transmembrane protein 221	-2.23
A_51_P101460	*Dsp*	desmoplakin	-2.22
A_51_P101460	*Dsp*	desmoplakin	-2.22
A_51_P317031	*Ccdc109b*	coiled-coil domain containing 109B	-2.21
A_55_P2059931	*Prom1*	prominin 1	-2.20
A_51_P196925	*Cx3cl1*	chemokine (C-X3-C motif) ligand 1	-2.20
A_52_P409833	*Plat*	plasminogen activator. tissue	-2.19
A_55_P2081656	*Gm6970*	predicted gene 6970	-2.19
A_51_P101460	*Dsp*	desmoplakin	-2.19
A_51_P349495	*Mboat1*	membrane bound O-acyltransferase domain containing 1	-2.19
A_51_P270949	*Hist1h1b*	histone cluster 1. H1b	-2.19
A_51_P101460	*Dsp*	desmoplakin	-2.18
A_51_P101460	*Dsp*	desmoplakin	-2.18
A_55_P1989215	*Entpd8*	ectonucleoside triphosphate diphosphohydrolase 8	-2.18
A_55_P2079619	*Rnf43*	ring finger protein 43	-2.18

A_55_P1985925			-2.17
A_51_P461319	*Gatm*	glycine amidinotransferase (L-arginine:glycine amidinotransferase)	-2.17
A_52_P286098	*Epb4.1l4b*	erythrocyte protein band 4.1-like 4b	-2.16
A_51_P260850	*Cntnap2*	contactin associated protein-like 2	-2.16
A_51_P365019	*Gclc*	glutamate-cysteine ligase. catalytic subunit	-2.15
A_55_P2011425	*Atp10b*	ATPase. class V. type 10B	-2.15
A_55_P1960735	*Gdf15*	growth differentiation factor 15	-2.15
A_55_P2005984	*Wfdc15b*	WAP four-disulfide core domain 15B	-2.15
A_51_P418820	*Tcfap2c*	transcription factor AP-2. gamma	-2.14
A_55_P2213418	*4933417E11Rik*	RIKEN cDNA 4933417E11 gene	-2.14
A_65_P11216			-2.14
A_51_P413866	*Cfb*	complement factor B	-2.13
A_51_P123604	*Ppwd1*	peptidylprolyl isomerase domain and WD repeat containing 1	-2.13
A_55_P2014124	*Gjb3*	gap junction protein. beta 3	-2.11
A_65_P18948	*Ppm1h*	protein phosphatase 1H (PP2C domain containing)	-2.11
A_51_P261051	*Dlx5*	distal-less homeobox 5	-2.11
A_55_P1983488	*Lsr*	lipolysis stimulated lipoprotein receptor	-2.11
A_51_P415395	*C2cd4b*	C2 calcium-dependent domain containing 4B	-2.09
A_55_P2150831	*Cdh4*	cadherin 4	-2.08
A_52_P292792	*Col8a1*	collagen. type VIII. alpha 1	-2.08
A_52_P596592	*Rassf9*	Ras association (RalGDS/AF-6) domain family (N-terminal) member 9	-2.07
A_51_P254855	*Ptgs2*	prostaglandin-endoperoxide synthase 2	-2.07
A_55_P2091592	*Bnipl*	BCL2/adenovirus E1B 19kD interacting protein like	-2.06
A_51_P351970	*Hells*	helicase. lymphoid specific	-2.06
A_51_P123604	*Ppwd1*	peptidylprolyl isomerase domain and WD repeat containing 1	-2.06
A_51_P221132	*L2hgdh*	L-2-hydroxyglutarate dehydrogenase	-2.06
A_55_P2164744	*Muc20*	mucin 20	-2.06
A_52_P441954	*Ovol1*	OVO homolog-like 1 (Drosophila)	-2.05
A_55_P2082203	*Baz1a*	bromodomain adjacent to zinc finger domain 1A	-2.05
A_52_P521564	*Gm70*	predicted gene 70	-2.05
A_55_P1998942	*Oas1a*	2'-5' oligoadenylate synthetase 1A	-2.04
A_52_P354682	*Elovl7*	ELOVL family member 7. elongation of long chain fatty acids (yeast)	-2.04
A_51_P239984	*Exo1*	exonuclease 1	-2.04
A_51_P336599	*Kcne3*	potassium voltage-gated channel. Isk-related subfamily. gene 3	-2.03
A_55_P2048085	*Klhl14*	kelch-like 14 (Drosophila)	-2.03
A_51_P123604	*Ppwd1*	peptidylprolyl isomerase domain and WD repeat containing 1	-2.03
A_51_P213476	*Pgr*	progesterone receptor	-2.03
A_55_P1965154	*Spc25*	SPC25. NDC80 kinetochore complex component. homolog (S. cerevisiae)	-2.03
A_55_P2007601	*Sftpd*	surfactant associated protein D	-2.02
A_55_P2017826	*Myb*	myeloblastosis oncogene	-2.02
A_51_P482503	*Tpd52l1*	tumor protein D52-like 1	-2.02
A_52_P214630	*Sox9*	SRY-box containing gene 9	-2.02
A_55_P2062627	*2210411K11Rik*	RIKEN cDNA 2210411K11 gene	-2.02
A_55_P1956812	*Fam83g*	family with sequence similarity 83. member G	-2.02
A_51_P101460	*Dsp*	desmoplakin	-2.02
A_51_P154842	*Oas1f*	2'-5' oligoadenylate synthetase 1F	-2.02
A_55_P2008443	*Mybpc1*	myosin binding protein C. slow-type	-2.01
A_51_P254855	*Ptgs2*	prostaglandin-endoperoxide synthase 2	-2.00
A_51_P478098	*Epb4.1l5*	erythrocyte protein band 4.1-like 5	-2.00
A_52_P579933	*Slc16a6*	solute carrier family 16 (monocarboxylic acid transporters). member 6	-2.00
A_55_P2025765	*Adam8*	a disintegrin and metallopeptidase domain 8	-2.00
A_52_P610987	*Slc28a3*	solute carrier family 28 (sodium-coupled nucleoside transporter). member 3	-1.99
A_55_P2090070	*Myh14*	myosin. heavy polypeptide 14	-1.99
A_52_P629748			-1.99
A_51_P285669	*Pigz*	phosphatidylinositol glycan anchor biosynthesis. class Z	-1.99
A_55_P1971991	*1810019J16Rik*	RIKEN cDNA 1810019J16 gene	-1.99

A_51_P126337	*Fgf12*	fibroblast growth factor 12	-1.98
A_51_P451428	*Marveld2*	MARVEL (membrane-associating) domain containing 2	-1.98
A_55_P1959728	*Dlgap1*	discs. large (Drosophila) homolog-associated protein 1	-1.97
A_66_P131979	*Cdc6*	cell division cycle 6 homolog (S. cerevisiae)	-1.97
A_51_P270733	*Syngr1*	synaptogyrin 1	-1.97
A_51_P397296	*Marveld3*	MARVEL (membrane-associating) domain containing 3	-1.97
A_51_P136337	*Galm*	galactose mutarotase	-1.95
A_55_P1977224	*Wnt16*	wingless-related MMTV integration site 16	-1.95
A_55_P2091359	*Padi2*	peptidyl arginine deiminase. type II	-1.95
A_55_P2012439	*Tnfrsf19*	tumor necrosis factor receptor superfamily. member 19	-1.95
A_55_P2172852	*Ptplad2*	protein tyrosine phosphatase-like A domain containing 2	-1.94
A_51_P336827	*Cyb5b*	cytochrome b5 type B	-1.93
A_51_P304397	*Cpm*	carboxypeptidase M	-1.93
A_51_P417074	*Arhgap8*	Rho GTPase activating protein 8	-1.93
A_55_P2071354	*Fam179a*	family with sequence similarity 179. member A	-1.93
A_55_P2101776	*Adora1*	adenosine A1 receptor	-1.92
A_55_P2141088			-1.92
A_51_P193185	*Mb*	myoglobin	-1.91
A_55_P2105413	*Mug1*	murinoglobulin 1	-1.90
A_51_P123604	*Ppwd1*	peptidylprolyl isomerase domain and WD repeat containing 1	-1.90
A_55_P2019684	*Bspry*	B-box and SPRY domain containing	-1.90
A_55_P1964174	*Nme1*	non-metastatic cells 1. protein (NM23A) expressed in	-1.89
A_55_P2032966	*Hmgcs1*	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1	-1.89
A_51_P246677	*Rec8*	REC8 homolog (yeast)	-1.89
A_55_P2141084	*Odz4*	odd Oz/ten-m homolog 4 (Drosophila)	-1.89
A_51_P123604	*Ppwd1*	peptidylprolyl isomerase domain and WD repeat containing 1	-1.89
A_55_P2085181	*Chaf1b*	chromatin assembly factor 1. subunit B (p60)	-1.89
A_51_P123604	*Ppwd1*	peptidylprolyl isomerase domain and WD repeat containing 1	-1.89
A_55_P1997509	*Zbtb32*	zinc finger and BTB domain containing 32	-1.88
A_55_P1985351	*Slc35f2*	solute carrier family 35. member F2	-1.88
A_55_P2042743	*Glrp1*	glutamine repeat protein 1	-1.88
A_51_P367310	*Chaf1b*	chromatin assembly factor 1. subunit B (p60)	-1.88
A_51_P219266	*Tmprss6*	transmembrane serine protease 6	-1.88
A_55_P2021565	*Ntf3*	neurotrophin 3	-1.87
A_52_P56397	*2610002D18Rik*	RIKEN cDNA 2610002D18 gene	-1.87
A_55_P2109479	*BC066028*	cDNA sequence BC066028	-1.87
A_55_P2048937	*Kif5c*	kinesin family member 5C	-1.87
A_51_P146149	*Napsa*	napsin A aspartic peptidase	-1.87
A_55_P2122130			-1.87
A_51_P280446	*Sdf2l1*	stromal cell-derived factor 2-like 1	-1.87
A_51_P483617	*0610040J01Rik*	RIKEN cDNA 0610040J01 gene	-1.86
A_55_P2031692	*Gstm6*	glutathione S-transferase. mu 6	-1.86
A_51_P507290	*Klf5*	Kruppel-like factor 5	-1.86
A_51_P455647	*Car2*	carbonic anhydrase 2	-1.86
A_66_P115467	*Sfta2*	surfactant associated 2	-1.86
A_55_P2404434	*Rps6ka3*	ribosomal protein S6 kinase polypeptide 3	-1.85
A_51_P277795	*2810474O19Rik*	RIKEN cDNA 2810474O19 gene	-1.85
A_52_P52946	*4922501L14Rik*	RIKEN cDNA 4922501L14 gene	-1.85
A_55_P2074591	*Ppm1h*	protein phosphatase 1H (PP2C domain containing)	-1.85
A_51_P101460	*Dsp*	desmoplakin	-1.85
A_55_P2013823	*Gal3st1*	galactose-3-O-sulfotransferase 1	-1.84
A_52_P452667	*Prom2*	prominin 2	-1.84
A_66_P121495	*Psat1*	phosphoserine aminotransferase 1	-1.83
A_51_P148105	*Rad51*	RAD51 homolog (S. cerevisiae)	-1.83
A_55_P2075919	*Arhgap40*	Rho GTPase activating protein 40	-1.83
A_55_P2100120	*Nme1*	non-metastatic cells 1. protein (NM23A) expressed in	-1.83
A_52_P219473	*Cdc6*	cell division cycle 6 homolog (S. cerevisiae)	-1.82
A_55_P2046411	*LOC674674*	similar to farnesyl diphosphate synthetase	-1.82
A_51_P158210	*Mcm2*	minichromosome maintenance deficient 2 mitotin (S. cerevisiae)	-1.81

A_55_P1973583	*Hpn*	hepsin	-1.81
A_55_P2093679	*Zfp599*	zinc finger protein 599	-1.81
A_52_P681557			-1.81
A_55_P2163363			-1.81
A_52_P432570	*Chdh*	choline dehydrogenase	-1.80
A_55_P1983268			-1.80
A_52_P586944	*Bmpr1b*	bone morphogenetic protein receptor. type 1B	-1.80
A_55_P2148370	*Gm2862*	predicted gene 2862	-1.80
A_55_P1967820	*AI661453*	expressed sequence AI661453	-1.79
A_55_P2080931	*4732456N10Rik*	RIKEN cDNA 4732456N10 gene	-1.79
A_55_P1963712	*Cyb5b*	cytochrome b5 type B	-1.78
A_55_P2092661	*Nup210*	nucleoporin 210	-1.78
A_66_P113892	*1110017F19Rik*	RIKEN cDNA 1110017F19 gene	-1.78
A_55_P2011290	*Odz2*	odd Oz/ten-m homolog 2 (Drosophila)	-1.78
A_55_P2182586	*Esrp1*	epithelial splicing regulatory protein 1	-1.78
A_55_P2064676	*LOC100047967*	similar to growth arrest-specific 2 like 3	-1.77
A_55_P2164534	*Dtl*	denticleless homolog (Drosophila)	-1.77
A_55_P2146034	*Abca4*	ATP-binding cassette. sub-family A (ABC1). member 4	-1.77
A_55_P2168267	*Gm8163*	predicted gene 8163	-1.77
A_51_P268697	*Slc1a3*	solute carrier family 1 (glial high affinity glutamate transporter). member 3	-1.77
A_52_P175242	*Irs1*	insulin receptor substrate 1	-1.76
A_51_P400366	*Rhbg*	Rhesus blood group-associated B glycoprotein	-1.76
A_51_P123134	*Ercc6l*	excision repair cross-complementing rodent repair deficiency complementation group 6 - like	-1.76
A_55_P2136289			-1.75
A_52_P361081	*Arhgef16*	Rho guanine nucleotide exchange factor (GEF) 16	-1.75
A_51_P410949	*Polr3g*	polymerase (RNA) III (DNA directed) polypeptide G	-1.75
A_51_P123134	*Ercc6l*	excision repair cross-complementing rodent repair deficiency complementation group 6 - like	-1.75
A_51_P454196	*Sh2d4a*	SH2 domain containing 4A	-1.75
A_66_P114295	*7530422B04Rik*	RIKEN cDNA 7530422B04 gene	-1.75
A_66_P132222	*Mlph*	melanophilin	-1.75
A_55_P2058761	*G6pc2*	glucose-6-phosphatase. catalytic. 2	-1.75
A_55_P2098911	*Lrrcc1*	leucine rich repeat and coiled-coil domain containing 1	-1.74
A_55_P2121886	*Map3k9*	mitogen-activated protein kinase kinase kinase 9	-1.74
A_55_P1979998	*1700026L06Rik*	RIKEN cDNA 1700026L06 gene	-1.73
A_55_P2024406	*Napepld*	N-acyl phosphatidylethanolamine phospholipase D	-1.73
A_55_P2035400	*Ripk4*	receptor-interacting serine-threonine kinase 4	-1.73
A_51_P187901	*Nop56*	NOP56 ribonucleoprotein homolog (yeast)	-1.73
A_52_P157880	*Gm1947*	predicted pseudogene 1947	-1.73
A_55_P1993807	*Nudt10*	nudix (nucleoside diphosphate linked moiety X)-type motif 10	-1.72
A_52_P99888	*Cxcl16*	chemokine (C-X-C motif) ligand 16	-1.72
A_51_P464146	*Ankrd56*	ankyrin repeat domain 56	-1.72
A_55_P1969396	*Gm5809*	predicted pseudogene 5809	-1.72
A_55_P1999992	*Galnt12*	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 12	-1.72
A_55_P2140201	*Dupd1*	dual specificity phosphatase and pro isomerase domain containing 1	-1.72
A_55_P2029417	*2610318N02Rik*	RIKEN cDNA 2610318N02 gene	-1.72
A_55_P2078780	*Etv4*	ets variant gene 4 (E1A enhancer binding protein. E1AF)	-1.72
A_51_P368591	*Tle6*	transducin-like enhancer of split 6. homolog of Drosophila E(spl)	-1.72
A_51_P137778	*5730507C01Rik*	RIKEN cDNA 5730507C01 gene	-1.71
A_52_P97221	*Bicd1*	bicaudal D homolog 1 (Drosophila)	-1.71
A_52_P174915	*Gja1*	gap junction protein. alpha 1	-1.71
A_51_P492830	*Cenph*	centromere protein H	-1.71
A_51_P328489	*1700025G04Rik*	RIKEN cDNA 1700025G04 gene	-1.71
A_51_P470989	*Paip1*	polyadenylate binding protein-interacting protein 1	-1.71
A_51_P123604	*Ppwd1*	peptidylprolyl isomerase domain and WD repeat containing 1	-1.71
A_55_P2054643	*Nrxn3*	neurexin III	-1.71
A_55_P2019751	*Gm10307*	predicted gene 10307	-1.71

A_51_P519756	*Rusc1*	RUN and SH3 domain containing 1	-1.71
A_51_P139320	*Pcbd1*	pterin 4 alpha carbinolamine dehydratase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1) 1	-1.71
A_55_P2176953	*Usp51*	ubiquitin specific protease 51	-1.71
A_55_P2069974	*Kctd1*	potassium channel tetramerisation domain containing 1	-1.71
A_51_P324934	*LOC100045677*	similar to DNA replication licensing factor MCM3 (DNA polymerase alpha holoenzyme-associated protein P1) (P1-MCM3)	-1.70
A_52_P406828	*Dkc1*	dyskeratosis congenita 1. dyskerin homolog (human)	-1.70
A_51_P227165	*2310030G06Rik*	RIKEN cDNA 2310030G06 gene	-1.70
A_55_P2147896	*C2cd4a*	C2 calcium-dependent domain containing 4A	-1.70
A_55_P2052330	*Gm5864*	predicted gene 5864	-1.70
A_55_P1973563	*5730559C18Rik*	RIKEN cDNA 5730559C18 gene	-1.69
A_55_P2079928	*Ccdc68*	coiled-coil domain containing 68	-1.69
A_52_P174915	*Gja1*	gap junction protein. alpha 1	-1.69
A_66_P139196	*Baz1a*	bromodomain adjacent to zinc finger domain 1A	-1.69
A_55_P1955072	*Alad*	aminolevulinate. delta-. dehydratase	-1.69
A_55_P1966804	*Fdps*	farnesyl diphosphate synthetase	-1.69
A_51_P240986	*Plekhg6*	pleckstrin homology domain containing. family G (with RhoGef domain) member 6	-1.69
A_55_P2100212	*Cfc1*	cripto. FRL-1. cryptic family 1	-1.68
A_51_P239203	*Mapk13*	mitogen-activated protein kinase 13	-1.68
A_55_P2067722	*2310057J16Rik*	RIKEN cDNA 2310057J16 gene	-1.68
A_52_P302544	*Col8a2*	collagen. type VIII. alpha 2	-1.68
A_55_P1989663	*Slco3a1*	solute carrier organic anion transporter family. member 3a1	-1.68
A_55_P2177103	*Slc25a5*	solute carrier family 25 (mitochondrial carrier. adenine nucleotide translocator). member 5	-1.68
A_66_P116678	*Rps8*	ribosomal protein S8	-1.68
A_55_P2091230	*Gm5391*	predicted gene 5391	-1.68
A_55_P1969181	*Paox*	polyamine oxidase (exo-N4-amino)	-1.68
A_51_P254855	*Ptgs2*	prostaglandin-endoperoxide synthase 2	-1.68
A_51_P265495	*Ly6a*	lymphocyte antigen 6 complex. locus A	-1.68
A_52_P552194	*Il13ra1*	interleukin 13 receptor. alpha 1	-1.68
A_51_P439403	*Padi1*	peptidyl arginine deiminase. type I	-1.68
A_55_P1953087	*Mcm3*	minichromosome maintenance deficient 3 (S. cerevisiae)	-1.68
A_55_P2177614	*Srsf3*	serine/arginine-rich splicing factor 3	-1.68
A_55_P2095084	*Abca4*	ATP-binding cassette. sub-family A (ABC1). member 4	-1.67
A_52_P583458	*E2f3*	E2F transcription factor 3	-1.67
A_51_P279038	*Ppargc1a*	peroxisome proliferative activated receptor. gamma. coactivator 1 alpha	-1.67
A_51_P254855	*Ptgs2*	prostaglandin-endoperoxide synthase 2	-1.67
A_51_P356762	*Mcm4*	minichromosome maintenance deficient 4 homolog (S. cerevisiae)	-1.67
A_55_P2035286	*Uhrf1*	ubiquitin-like. containing PHD and RING finger domains. 1	-1.66
A_55_P1959218	*Usp51*	ubiquitin specific protease 51	-1.66
A_51_P379478	*Nckap5*	NCK-associated protein 5	-1.66
A_55_P2023235	*Fen1*	flap structure specific endonuclease 1	-1.66
A_55_P2029420	*2610318N02Rik*	RIKEN cDNA 2610318N02 gene	-1.65
A_55_P2009375	*Cdk18*	cyclin-dependent kinase 18	-1.65
A_51_P123134	*Ercc6l*	excision repair cross-complementing rodent repair deficiency complementation group 6 - like	-1.65
A_55_P1980125	*Srsf3*	serine/arginine-rich splicing factor 3	-1.65
A_55_P2120662			-1.65
A_51_P360492	*Mcm6*	minichromosome maintenance deficient 6 (MIS5 homolog. S. pombe) (S. cerevisiae)	-1.64
A_55_P2167040	*Pvrl4*	poliovirus receptor-related 4	-1.64
A_55_P1967539	*Hunk*	hormonally upregulated Neu-associated kinase	-1.64
A_51_P491227	*Suclg1*	succinate-CoA ligase. GDP-forming. alpha subunit	-1.64
A_55_P2056241	*Pdlim5*	PDZ and LIM domain 5	-1.64
A_55_P2177105	*Gm5256*	predicted gene 5256	-1.64
A_52_P519783	*Ltk*	leukocyte tyrosine kinase	-1.64
A_55_P1990032	*Cxcl5*	chemokine (C-X-C motif) ligand 5	-1.64
A_55_P1967538	*Hunk*	hormonally upregulated Neu-associated kinase	-1.64
A_52_P89335	*Tmie*	transmembrane inner ear	-1.64

A_55_P1972025	*Mycl1*	v-myc myelocytomatosis viral oncogene homolog 1. lung carcinoma derived (avian)	-1.64
A_55_P1973868	*Sema3b*	sema domain. immunoglobulin domain (Ig). short basic domain. secreted. (semaphorin) 3B	-1.64
A_51_P123604	*Ppwd1*	peptidylprolyl isomerase domain and WD repeat containing 1	-1.63
A_51_P364485	*Tnfaip2*	tumor necrosis factor. alpha-induced protein 2	-1.63
A_55_P2124976	*Grhl1*	grainyhead-like 1 (Drosophila)	-1.63
A_55_P2147971	*Ranbp1*	RAN binding protein 1	-1.63
A_55_P2036907	*Mycbpap*	MYCBP associated protein	-1.63
A_55_P2303110	*Ccnb3*	cyclin B3	-1.63
A_55_P2026761	*LOC634846*	similar to farnesyl diphosphate synthetase	-1.63
A_55_P2159264	*Lifr*	leukemia inhibitory factor receptor	-1.63
A_55_P2185273	*Umps*	uridine monophosphate synthetase	-1.63
A_55_P2096762	*Arhgdig*	Rho GDP dissociation inhibitor (GDI) gamma	-1.63
A_51_P472393			-1.63
A_55_P2006604	*2810474O19Rik*	RIKEN cDNA 2810474O19 gene	-1.63
A_55_P2132651	*Wisp1*	WNT1 inducible signaling pathway protein 1	-1.63
A_55_P2032258	*Pdlim1*	PDZ and LIM domain 1 (elfin)	-1.62
A_52_P401311	*Gm5529*	predicted pseudogene 5529	-1.62
A_55_P2159949	*Polr1e*	polymerase (RNA) I polypeptide E	-1.62
A_52_P8043	*Srsf2*	serine/arginine-rich splicing factor 2	-1.62
A_55_P2084631	*Hist1h2an*	histone cluster 1. H2an	-1.62
A_55_P2176240	*Pdxk*	pyridoxal (pyridoxine. vitamin B6) kinase	-1.62
A_51_P408946	*Ccne1*	cyclin E1	-1.62
A_52_P87964	*Pla2g12a*	phospholipase A2. group XIIA	-1.62
A_55_P2076916	*A230065H16Rik*	RIKEN cDNA A230065H16 gene	-1.62
A_52_P72587	*Prkcq*	protein kinase C. theta	-1.62
A_51_P368009	*E2f2*	E2F transcription factor 2	-1.62
A_66_P138308	*Cndp2*	CNDP dipeptidase 2 (metallopeptidase M20 family)	-1.62
A_51_P517672	*Rnf152*	ring finger protein 152	-1.61
A_51_P466673	*Srsf7*	serine/arginine-rich splicing factor 7	-1.61
A_51_P140321	*Mocos*	molybdenum cofactor sulfurase	-1.61
A_55_P1999823	*Zmynd19*	zinc finger. MYND domain containing 19	-1.61
A_55_P1994128	*Tmem184a*	transmembrane protein 184a	-1.61
A_55_P2013586	*Prss8*	protease. serine. 8 (prostasin)	-1.61
A_51_P401501	*Tmem213*	transmembrane protein 213	-1.61
A_51_P279437	*Mfsd2a*	major facilitator superfamily domain containing 2A	-1.61
A_52_P440621	*Rassf10*	Ras association (RalGDS/AF-6) domain family (N-terminal) member 10	-1.61
A_55_P2058962	*Mcm10*	minichromosome maintenance deficient 10 (S. cerevisiae)	-1.61
A_55_P2134022	*Cftr*	cystic fibrosis transmembrane conductance regulator homolog	-1.61
A_52_P402897	*Cdh4*	cadherin 4	-1.61
A_51_P482711	*Dhcr24*	24-dehydrocholesterol reductase	-1.61
A_51_P337230	*Galnt14*	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 14	-1.61
A_55_P2035102	*LOC677259*	similar to Ornithine decarboxylase (ODC)	-1.60
A_55_P2180551	*Fam60a*	family with sequence similarity 60. member A	-1.60
A_55_P1995173	*Odc1*	ornithine decarboxylase. structural 1	-1.60
A_55_P2023294	*Il20rb*	interleukin 20 receptor beta	-1.60
A_52_P258557	*Slc26a9*	solute carrier family 26. member 9	-1.60
A_52_P186033	*Spn*	sialophorin	-1.60
A_55_P1998107			-1.60
A_55_P2114776	*Greb1*	gene regulated by estrogen in breast cancer protein	-1.59
A_51_P220343	*Wisp1*	WNT1 inducible signaling pathway protein 1	-1.59
A_55_P1969311	*Gramd1b*	GRAM domain containing 1B	-1.59
A_55_P2084666	*Hist1h2af*	histone cluster 1. H2af	-1.59
A_55_P2099961	*Hist1h2ag*	histone cluster 1. H2ag	-1.59
A_55_P2012498	*Cdca7*	cell division cycle associated 7	-1.59
A_51_P282837	*St14*	suppression of tumorigenicity 14 (colon carcinoma)	-1.59
A_52_P301085	*Dctd*	dCMP deaminase	-1.59

A_55_P1959152	*Gm10324*	predicted gene 10324	-1.59
A_51_P502082	*Rrm1*	ribonucleotide reductase M1	-1.59
A_66_P100853			-1.59
A_55_P2090777	*BC048546*	cDNA sequence BC048546	-1.58
A_55_P1974421	*Itga3*	integrin alpha 3	-1.58
A_51_P126337	*Fgf12*	fibroblast growth factor 12	-1.58
A_51_P207892	*Pla2g5*	phospholipase A2. group V	-1.58
A_55_P2129437	*Ppap2c*	phosphatidic acid phosphatase type 2C	-1.58
A_55_P2160682	*Set*	SET translocation	-1.58
A_51_P100208	*Opcml*	opioid binding protein/cell adhesion molecule-like	-1.58
A_55_P2048101	*Gm6762*	predicted pseudogene 6762	-1.58
A_55_P2047461	*Fcho1*	FCH domain only 1	-1.58
A_55_P2130448	*Gm7278*	predicted gene 7278	-1.58
A_51_P123604	*Ppwd1*	peptidylprolyl isomerase domain and WD repeat containing 1	-1.58
A_52_P296632	*Gm6742*	predicted gene 6742	-1.57
A_55_P2001188	*Phf6*	PHD finger protein 6	-1.57
A_51_P247614	*Ncrna00086*	non-protein coding RNA 86	-1.57
A_55_P2084652	*Hist1h2ak*	histone cluster 1. H2ak	-1.57
A_55_P1998797	*Gm15470*	predicted gene 15470	-1.57
A_52_P228236	*Tfrc*	transferrin receptor	-1.57
A_51_P198434	*H2-K1*	histocompatibility 2. K1. K region	-1.57
A_51_P180032	*Shfm1*	split hand/foot malformation (ectrodactyly) type 1	-1.57
A_55_P1974567	*Plch2*	phospholipase C. eta 2	-1.57
A_51_P418016	*Ccnj*	cyclin J	-1.57
A_55_P1997106	*Gyltl1b*	glycosyltransferase-like 1B	-1.57
A_55_P1961084	*Map3k1*	mitogen-activated protein kinase kinase kinase 1	-1.57
A_55_P2321919	*A830060N17*	hypothetical protein A830060N17	-1.57
A_52_P497625	*A630001G21Rik*	RIKEN cDNA A630001G21 gene	-1.57
A_55_P2079757	*Gm5699*	predicted gene 5699	-1.56
A_51_P415905	*Pola1*	polymerase (DNA directed). alpha 1	-1.56
A_55_P1954718	*Cyb561*	cytochrome b-561	-1.56
A_51_P121252	*Ints4*	integrator complex subunit 4	-1.56
A_55_P2069226	*Prr16*	proline rich 16	-1.56
A_52_P592909	*Dgat2*	diacylglycerol O-acyltransferase 2	-1.56
A_55_P2046037	*Gm7083*	predicted gene 7083	-1.56
A_51_P154684	*Thoc4*	THO complex 4	-1.56
A_55_P2103055	*Gsr*	glutathione reductase	-1.56
A_55_P1992079	*Ptprf*	protein tyrosine phosphatase. receptor type. F	-1.56
A_55_P1957880	*Hn1l*	hematological and neurological expressed 1-like	-1.56
A_52_P817257	*Gm5480*	predicted gene 5480	-1.56
A_51_P470715	*Cish*	cytokine inducible SH2-containing protein	-1.55
A_55_P2106255	*Mbnl3*	muscleblind-like 3 (Drosophila)	-1.55
A_55_P2415930	*2900064F13Rik*	RIKEN cDNA 2900064F13 gene	-1.55
A_52_P174915	*Gja1*	gap junction protein. alpha 1	-1.55
A_52_P561671	*Msx1*	homeobox. msh-like 1	-1.55
A_55_P2041581	*Gm6425*	predicted pseudogene 6425	-1.55
A_55_P2039532	*Pax8*	paired box gene 8	-1.55
A_55_P2046408	*Gm7979*	predicted gene 7979	-1.55
A_55_P1982818	*Odc1*	ornithine decarboxylase. structural 1	-1.55
A_52_P221776	*Kif12*	kinesin family member 12	-1.55
A_55_P2048110	*Tmem97*	transmembrane protein 97	-1.55
A_55_P2126814	*Gm7560*	predicted gene 7560	-1.55
A_55_P2169417	*BC021767*	cingulin-like	-1.55
A_55_P2119155	*Set*	SET translocation	-1.55
A_55_P2025612	*Psme2*	proteasome (prosome. macropain) 28 subunit. beta	-1.55
A_55_P2101696	*Gnat2*	guanine nucleotide binding protein. alpha transducing 2	-1.54
A_51_P198434	*H2-K1*	histocompatibility 2. K1. K region	-1.54
A_55_P2090279	*Drr1*	developmentally regulated repeat element-containing transcript 1	-1.54
A_51_P196844	*Osbpl3*	oxysterol binding protein-like 3	-1.54

A_52_P514061	*Padi4*	peptidyl arginine deiminase. type IV	-1.54
A_51_P443508	*Ppa1*	pyrophosphatase (inorganic) 1	-1.54
A_51_P356931	*Orc1l*	origin recognition complex. subunit 1-like (S.cereviaiae)	-1.54
A_52_P195246	*Esyt3*	extended synaptotagmin-like protein 3	-1.54
A_55_P2000521	*Lonrf1*	LON peptidase N-terminal domain and ring finger 1	-1.54
A_52_P223704	*Faah*	fatty acid amide hydrolase	-1.54
A_51_P198434	*H2-K1*	histocompatibility 2. K1. K region	-1.54
A_51_P172085	*Arhgdig*	Rho GDP dissociation inhibitor (GDI) gamma	-1.54
A_55_P1968178	*Smagp*	small cell adhesion glycoprotein	-1.54
A_51_P463440	*Elovl6*	ELOVL family member 6. elongation of long chain fatty acids (yeast)	-1.54
A_51_P239673	*Hprt*	hypoxanthine guanine phosphoribosyl transferase	-1.54
A_51_P179258	*Kif26b*	kinesin family member 26B	-1.53
A_52_P604195	*Mbp*	myelin basic protein	-1.53
A_55_P2052281	*Rnf208*	ring finger protein 208	-1.53
A_51_P382688	*Zmynd19*	zinc finger. MYND domain containing 19	-1.53
A_51_P198434	*H2-K1*	histocompatibility 2. K1. K region	-1.53
A_52_P162298	*Ydjc*	YdjC homolog (bacterial)	-1.53
A_52_P50305	*Ube2k*	ubiquitin-conjugating enzyme E2K (UBC1 homolog. yeast)	-1.53
A_55_P1994947	*Gm6097*	macrophage migration inhibitory factor pseudogene	-1.53
A_52_P317393	*Gpr56*	G protein-coupled receptor 56	-1.52
A_66_P133240	*Hnrpll*	heterogeneous nuclear ribonucleoprotein L-like	-1.52
A_51_P241667	*Prkdc*	protein kinase. DNA activated. catalytic polypeptide	-1.52
A_52_P407692	*H2afj*	H2A histone family. member J	-1.52
A_51_P239673	*Hprt*	hypoxanthine guanine phosphoribosyl transferase	-1.52
A_51_P141535	*Oat*	ornithine aminotransferase	-1.52
A_55_P2131438	*Hist2h2aa2*	histone cluster 2. H2aa2	-1.52
A_55_P2177998	*Tmprss13*	transmembrane protease. serine 13	-1.52
A_55_P2063471	*Gm11814*	lactate dehydrogenase A pseudogene	-1.52
A_51_P516728	*Hap1*	huntingtin-associated protein 1	-1.52
A_52_P556908	*Dlx6*	distal-less homeobox 6	-1.52
A_55_P2021266	*Hpse*	heparanase	-1.52
A_52_P673499	*Shmt1*	serine hydroxymethyltransferase 1 (soluble)	-1.52
A_51_P121252	*Ints4*	integrator complex subunit 4	-1.51
A_66_P121590	*Prss22*	protease. serine. 22	-1.51
A_51_P402193	*Map3k1*	mitogen-activated protein kinase kinase kinase 1	-1.51
A_55_P2033250	*Fdft1*	farnesyl diphosphate farnesyl transferase 1	-1.51
A_55_P2018417	*Osbpl3*	oxysterol binding protein-like 3	-1.51
A_52_P141583	*H2afy*	H2A histone family. member Y	-1.51
A_51_P198434	*H2-K1*	histocompatibility 2. K1. K region	-1.51
A_55_P2098697	*Tnfaip2*	tumor necrosis factor. alpha-induced protein 2	-1.51
A_55_P2023912	*LOC630896*	similar to 3-phosphoglycerate dehydrogenase	-1.51
A_55_P2115871	*Inpp5j*	inositol polyphosphate 5-phosphatase J	-1.51
A_52_P480360	*Dut*	deoxyuridine triphosphatase	-1.51
A_51_P121252	*Ints4*	integrator complex subunit 4	-1.51
A_51_P211998	*Sgms2*	sphingomyelin synthase 2	-1.51
A_51_P198434	*H2-K1*	histocompatibility 2. K1. K region	-1.51
A_55_P2055557	*Sdsl*	serine dehydratase-like	-1.51
A_51_P121252	*Ints4*	integrator complex subunit 4	-1.51
A_51_P262230	*A2ld1*	AIG2-like domain 1	-1.51
A_65_P11306	*Gm4944*	predicted gene 4944	-1.50
A_51_P212390	*Klk10*	kallikrein related-peptidase 10	-1.50
A_55_P1979997	*1700026L06Rik*	RIKEN cDNA 1700026L06 gene	-1.50
A_52_P545810	*Lrrfip1*	leucine rich repeat (in FLII) interacting protein 1	-1.50