

**Franco et al., Supplemental Table S1. Applied Biosystems Assay Identification for Real time RT-PCR Analysis.**

<b>Gene</b>	<b>Assay Identification</b>
<i>Ptch1</i>	Mm00970977_m1
<i>Nr2f2</i>	Mm00772789_m1
<i>Gli1</i>	Mm00494654_m1
<i>Bmp2</i>	Mm01340178_m1
<i>Wnt4</i>	Mm00434341_m1
<i>Foxa2</i>	Mm00839704_mH
<i>Wnt5a</i>	Mm00437347_m1
<i>Pdgn</i>	Mm00494716_m1
<i>Has2</i>	Mm00515089_m1
<i>Col11a1</i>	Mm00483387_m1
<i>Lama2</i>	Mm00550083_m1
<i>Bgn</i>	Mm00455918_m1
<i>Fmod</i>	Mm00491215_m1
<i>Pthlh</i>	Mm00436057_m1
<i>Pthr1</i>	Mm00441046_m1
<i>Crtap</i>	Mm00517335_m1

**Franco et al., Supplemental Table S2. Genes Increased Upon Smo Activation.**

Probe Set	Gene Symbol	Gene Title	Fold Change
1455277_at	<i>Hhip</i>	Hedgehog-interacting protein	692.36
1438083_at	<i>Hhip</i>	Hedgehog-interacting protein	310.86
1421426_at	<i>Hhip</i>	Hedgehog-interacting protein	237.67
1460347_at	<i>Krt14</i>	keratin 14	103.80
1424096_at	<i>Krt5</i>	keratin 5	84.49
1425425_a_at	<i>Wif1</i>	Wnt inhibitory factor 1	81.76
1460129_at	<i>Slc6a2</i>	solute carrier family 6 (neurotransmitter transporter, noradrenalin), member 2	75.98
1417867_at	<i>Cfd</i>	complement factor D (adipsin)	73.94
1457256_x_at	<i>Ptch2</i> /// LOC674483	patched homolog 2 /// similar to Protein patched homolog 2 (PTC2)	64.72
1456084_x_at	<i>Fmod</i>	fibromodulin	61.40
1437933_at	<i>Hhip</i>	Hedgehog-interacting protein	52.53
1434354_at	<i>Maob</i>	monoamine oxidase B	51.90
1442180_at	<i>Dleu7</i>	deleted in lymphocytic leukemia, 7	49.51
1426225_at	<i>Rbp4</i>	retinol binding protein 4, plasma	45.23
1437685_x_at	<i>Fmod</i>	fibromodulin	42.96
1423285_at	<i>Coch</i>	coagulation factor C homolog (Limulus polyphemus)	40.37
1437718_x_at	<i>Fmod</i>	fibromodulin	39.31
1449251_at	<i>Ndph</i>	Norrie disease homolog	36.29
1449058_at	<i>Gli1</i>	GLI-Kruppel family member GLI1	33.65
1438966_x_at	<i>Fmod</i>	fibromodulin	32.99
1460049_s_at	<i>1500015O10Rik</i>	RIKEN cDNA 1500015O10 gene	32.89
1437060_at	<i>Olfm4</i>	olfactomedin 4	32.41
1415939_at	<i>Fmod</i>	fibromodulin	32.40
1420970_at	<i>Adcy7</i>	adenylate cyclase 7	30.94
1442315_at	<i>AI426778</i>	expressed sequence AI426778	29.88
1416612_at	<i>Cyp1b1</i>	cytochrome P450, family 1, subfamily b, polypeptide 1	26.32
1456197_x_at	---	Transcribed locus	25.27
1422655_at	<i>Ptch2</i>	patched homolog 2	24.01
1437324_x_at	<i>Fmod</i>	fibromodulin	21.80
1416613_at	<i>Cyp1b1</i>	cytochrome P450, family 1, subfamily b, polypeptide 1	21.60
1426231_at	<i>Vit</i>	vitrin	21.40
1423261_at	<i>1500015O10Rik</i>	RIKEN cDNA 1500015O10 gene	20.56
1448083_at	<i>LOC675405</i>	similar to voltage gated channel like 1	20.32
1418457_at	<i>Cxcl14</i>	chemokine (C-X-C motif) ligand 14	19.98
1422651_at	<i>Adipoq</i>	adiponectin, C1Q and collagen domain containing	18.25
1450990_at	<i>Gpc3</i>	glypican 3	18.23
1428853_at	<i>Ptch1</i>	patched homolog 1	18.22
1436425_at	<i>Ankrd38</i>	ankyrin repeat domain 38	17.33
1441776_at	<i>Tspan11</i>	tetraspanin 11	17.09
1449340_at	<i>Sostdc1</i>	sclerostin domain containing 1	16.81
1430310_at	<i>Tspan11</i>	tetraspanin 11	15.92
1450014_at	<i>Cldn1</i>	claudin 1	15.64
1429974_at	<i>Tbx18</i>	T-box18	15.47
1438042_at	<i>Shox2</i>	short stature homeobox 2	14.83

1437932_a_at	<i>Cldn1</i>	claudin 1	14.72
1453523_at	<i>A030006P16Rik</i>	RIKEN cDNA A030006P16 gene	14.03
1455426_at	---	---	14.02
1431335_a_at	<i>Wfdc1</i>	WAP four-disulfide core domain 1	13.89
1416371_at	<i>Apod</i>	apolipoprotein D	13.56
1438662_at	<i>LOC433810</i>	similar to transmembrane protein SHREW1	13.40
1445860_at	<i>Tspan11</i>	tetraspanin 11	13.34
1457423_at	<i>LOC675405</i>	similar to voltage gated channel like 1	13.28
1450861_at	<i>Fancc</i>	Fanconi anemia, complementation group C	13.24
1456307_s_at	<i>Adcy7</i>	adenylate cyclase 7	13.18
1451406_a_at	<i>Pcsk5</i>	proprotein convertase subtilisin/kexin type 5	12.71
1419711_at	<i>Cd7</i>	CD7 antigen	12.64
1455304_at	<i>Unc13c</i>	unc-13 homolog C ( <i>C. elegans</i> )	12.62
1425575_at	<i>Epha3</i>	Eph receptor A3	12.57
1450065_at	<i>Adcy7</i>	adenylate cyclase 7	12.53
1437339_s_at	<i>Pcsk5</i>	proprotein convertase subtilisin/kexin type 5	12.22
1449533_at	<i>Tmem100</i>	transmembrane protein 100	12.17
1418456_a_at	<i>Cxcl14</i>	chemokine (C-X-C motif) ligand 14	12.10
1423671_at	<i>Dner</i>	delta/notch-like EGF-related receptor	11.81
1424010_at	<i>Mfap4</i>	microfibrillar-associated protein 4	11.66
1456379_x_at	<i>Dner</i>	delta/notch-like EGF-related receptor	11.21
1439795_at	<i>Gpr64</i>	G protein-coupled receptor 64	11.17
1450824_at	<i>Ptch1</i>	patched homolog 1	11.12
1423135_at	<i>Thy1</i>	thymus cell antigen 1, theta	10.99
1438350_at	<i>Gpr64</i>	G protein-coupled receptor 64	10.91
1425574_at	<i>Epha3</i>	Eph receptor A3	10.53
1449154_at	<i>Col11a1</i>	procollagen, type XI, alpha 1	10.48
1418603_at	<i>Avpr1a</i>	arginine vasopressin receptor 1A	10.14
1417447_at	<i>Tcf21</i>	transcription factor 21	9.99
1425417_x_at	<i>Klra8</i> /// <i>Klra21</i> /// <i>LOC640965</i> /// <i>Klra29</i> /// <i>LOC667769</i> /// <i>LOC673223</i>	killer cell lectin-like receptor, subfamily A, member 8 /// killer cell lectin-like receptor subfamily A, member 21 /// similar to killer cell lectin-like receptor subfamily A, member 21 /// killer cell lectin-like receptor subfamily A member 29 /// similar to killer cell lectin-like receptor subfamily A, member 21 /// similar to Killer cell lectin-like receptor 8 (T-cell surface glycoprotein Ly-49H) (Ly49-H antigen) (Lymphocyte antigen 49H)	9.81
1442187_at	<i>Bdkrb2</i>	bradykinin receptor, beta 2	9.78
1436626_at	<i>Tspan11</i>	tetraspanin 11	9.76
1455956_x_at	<i>Ccnd2</i>	cyclin D2	9.68
1418652_at	<i>Cxcl9</i>	chemokine (C-X-C motif) ligand 9	9.62
1430779_at	<i>Ntn1</i>	netrin G1	9.34
1416111_at	<i>Cd83</i>	CD83 antigen	9.24
1448742_at	<i>Snai1</i>	snail homolog 1 ( <i>Drosophila</i> )	9.16
1455656_at	<i>Btla</i>	B and T lymphocyte associated	9.02

1447513_at	<i>Kcnd3</i>	potassium voltage-gated channel, Shal-related family, member 3	8.96
1425436_x_at	<i>Klra3</i>	killer cell lectin-like receptor, subfamily A, member 3	8.90
1454734_at	---	---	8.66
1425039_at	<i>Itgbl1</i>	integrin, beta-like 1	8.64
1448021_at	---	Transcribed locus	8.55
1454838_s_at	<i>AW548124</i>	expressed sequence AW548124	8.55
1417963_at	<i>Pltp</i>	phospholipid transfer protein	8.51
1434745_at	<i>Ccnd2</i>	cyclin D2	8.50
1430127_a_at	<i>Ccnd2</i>	cyclin D2	8.25
1429381_x_at	<i>Igh-VJ558</i> /// <i>LOC238447</i> /// <i>LOC544903</i> /// <i>LOC544907</i> /// <i>LOC633774</i> /// <i>LOC676478</i> /// <i>LOC677563</i>	immunoglobulin heavy chain (J558 family) /// similar to immunoglobulin heavy chain variable region /// similar to immunoglobulin mu-chain /// similar to anti-poly(dC) monoclonal antibody heavy chain /// similar to Ig heavy chain V region 23 precursor /// similar to Ig heavy chain V region 102 precursor /// similar to Ig heavy chain V region VH558 A1/A4 precursor	8.04
1439543_at	<i>1110064A23Rik</i>	RIKEN cDNA 1110064A23 gene	8.01
1416122_at	<i>Ccnd2</i>	cyclin D2	7.96
1458082_at	<i>Cd200</i>	Cd200 antigen	7.95
1449434_at	<i>Car3</i>	carbonic anhydrase 3	7.88
1455436_at	<i>Diras2</i>	DIRAS family, GTP-binding RAS-like 2	7.88
1426155_a_at	<i>Osr2</i>	odd-skipped related 2 (Drosophila)	7.86
1418799_a_at	<i>Col17a1</i>	procollagen, type XVII, alpha 1	7.83
1431362_a_at	<i>Smoc2</i>	SPARC related modular calcium binding 2	7.77
1417168_a_at	<i>Usp2</i>	ubiquitin specific peptidase 2	7.75
1460411_s_at	<i>AW548124</i>	expressed sequence AW548124	7.64
1451547_at	<i>lyd</i>	iodotyrosine deiodinase	7.58
1429682_at	<i>4930431B09Rik</i>	RIKEN cDNA 4930431B09 gene	7.54
1418259_a_at	<i>Entpd2</i>	ectonucleoside triphosphate diphosphohydrolase 2	7.51
1460187_at	<i>Sfrp1</i>	secreted frizzled-related sequence protein 1	7.31
1449286_at	<i>Ntnq1</i>	netrin G1	7.27
1430523_s_at	<i>Igl-V1</i>	immunoglobulin lambda chain, variable 1	7.19
1453084_s_at	<i>Col22a1</i>	collagen, type XXII, alpha 1	7.18
1416107_at	<i>Nsg2</i>	neuron specific gene family member 2	7.18
1423630_at	<i>Cygb</i>	cytoglobin	7.15
1449451_at	<i>Serpina11</i>	serine (or cysteine) peptidase inhibitor, clade B (ovalbumin), member 11	7.03
1418157_at	<i>Nr2f1</i>	nuclear receptor subfamily 2, group F, member 1	7.02
1453826_at	<i>1810008K04Rik</i>	RIKEN cDNA 1810008K04 gene	7.00
1450281_a_at	<i>1700021K02Rik</i>	RIKEN cDNA 1700021K02 gene	6.99
1417312_at	<i>Dkk3</i>	dickkopf homolog 3 ( <i>Xenopus laevis</i> )	6.98
1427005_at	<i>Plk2</i>	polo-like kinase 2 (Drosophila)	6.86
1429209_at	<i>Col23a1</i>	procollagen, type XXIII, alpha 1	6.82
1416666_at	<i>Serpine2</i>	serine (or cysteine) peptidase inhibitor, clade E, member 2	6.78

1421946_at	<i>Crp</i>	C-reactive protein, pentraxin-related	6.78
1425594_at	<i>Lamc3</i>	laminin gamma 3	6.75
1460255_at	<i>Tnfsf13b</i>	tumor necrosis factor (ligand) superfamily, member 13b	6.70
1460256_at	<i>Car3</i>	carbonic anhydrase 3	6.67
1415994_at	<i>Cyp2e1</i>	cytochrome P450, family 2, subfamily e, polypeptide 1	6.58
1424086_at	<i>D9Ucla1</i>	DNA segment, Chr 9, University of California at Los Angeles 1	6.57
1435387_at	<i>Slc2a13</i>	solute carrier family 2 (facilitated glucose transporter), member 13	6.55
1421653_a_at	<i>Igh-VJ558</i> /// LOC238447 /// LOC544903 /// LOC544907 /// LOC633774 /// LOC676478 /// LOC677563	immunoglobulin heavy chain (J558 family) /// similar to immunoglobulin heavy chain variable region /// similar to immunoglobulin mu-chain /// similar to anti-poly(dC) monoclonal antibody heavy chain /// similar to Ig heavy chain V region 23 precursor /// similar to Ig heavy chain V region 102 precursor /// similar to Ig heavy chain V region VH558 A1/A4 precursor	6.54
1426016_a_at	<i>Tro</i>	trophinin	6.53
1427256_at	<i>Cspg2</i>	chondroitin sulfate proteoglycan 2	6.52
1421991_a_at	<i>Igfbp4</i>	insulin-like growth factor binding protein 4	6.50
1431226_a_at	<i>Fndc4</i>	fibronectin type III domain containing 4	6.49
1439794_at	---	---	6.48
1419080_at	<i>Gdnf</i>	glial cell line derived neurotrophic factor	6.42
1448788_at	<i>Cd200</i>	Cd200 antigen	6.42
1455038_at	<i>LOC632764</i>	similar to melanoma antigen	6.42
1453924_a_at	<i>Ptgfr</i>	prostaglandin F receptor	6.39
1448669_at	<i>Dkk3</i>	dickkopf homolog 3 ( <i>Xenopus laevis</i> )	6.36
1447311_at	<i>Slc6a2</i>	solute carrier family 6 (neurotransmitter transporter, noradrenalin), member 2	6.33
1420349_at	<i>Ptgfr</i>	prostaglandin F receptor	6.33
1435720_at	<i>Kcnd3</i>	potassium voltage-gated channel, Shal-related family, member 3	6.31
1425763_x_at	<i>Igh-VJ558</i> /// LOC238447 /// LOC544903 /// LOC544907 /// LOC633774 /// LOC676478 /// LOC677563	immunoglobulin heavy chain (J558 family) /// similar to immunoglobulin heavy chain variable region /// similar to immunoglobulin mu-chain /// similar to anti-poly(dC) monoclonal antibody heavy chain /// similar to Ig heavy chain V region 23 precursor /// similar to Ig heavy chain V region 102 precursor /// similar to Ig heavy chain V region VH558 A1/A4 precursor	6.29
1416200_at	<i>9230117N10Rik</i>	RIKEN cDNA 9230117N10 gene	6.28
1439663_at	<i>Ptch1</i>	Patched homolog 1	6.27
1434073_at	<i>Gprasp2</i>	G protein-coupled receptor associated sorting protein 2	6.21
1421201_a_at	<i>Tro</i>	trophinin	6.19
1423062_at	<i>Igfbp3</i>	insulin-like growth factor binding protein 3	6.18
1435162_at	<i>Prkg2</i>	protein kinase, cGMP-dependent, type II	6.16
1448529_at	<i>Thbd</i>	thrombomodulin	6.14

1432032_a_at	<i>Artn</i>	artemin	6.10
1417169_at	<i>Usp2</i>	ubiquitin specific peptidase 2	6.09
1449475_at	<i>Atp12a</i>	ATPase, H+/K+ transporting, nongastric, alpha polypeptide	6.09
1418604_at	<i>Avpr1a</i>	arginine vasopressin receptor 1A	6.06
1456424_s_at	<i>Pltp</i>	phospholipid transfer protein	6.01
1419088_at	<i>Timp3</i>	tissue inhibitor of metalloproteinase 3	6.00
1417574_at	<i>Cxcl12</i>	chemokine (C-X-C motif) ligand 12	6.00
1443036_at	<i>C630007C17Rik</i>	RIKEN cDNA C630007C17 gene	5.99
1418158_at	<i>Trp63</i>	transformation related protein 63	5.95
1418050_at	<i>Gpld1</i>	glycosylphosphatidylinositol specific phospholipase D1	5.90
1426285_at	<i>Lama2</i>	laminin, alpha 2	5.86
1416077_at	<i>Adm</i>	adrenomedullin	5.80
1433939_at	<i>A730046J16</i>	hypothetical protein A730046J16	5.79
1435950_at	<i>Hr</i>	hairless	5.77
1458268_s_at	<i>Igfbp3</i>	insulin-like growth factor binding protein 3	5.77
1439747_at	<i>Ptges</i>	prostaglandin E synthase	5.77
1419070_at	<i>Cys1</i>	cystin 1	5.75
1438483_at	<i>Nos1</i>	nitric oxide synthase 1, neuronal	5.73
1427455_x_at	<i>Igk-C /// Igk-V28 /// Igk-V8-16</i>	immunoglobulin kappa chain, constant region /// immunoglobulin kappa chain variable 28 (V28) /// immunoglobulin kappa chain variable 8 (V8)-16	5.72
1449388_at	<i>Thbs4</i>	thrombospondin 4	5.70
1418209_a_at	<i>Pfn2</i>	profilin 2	5.69
1440911_at	<i>Col23a1</i>	procollagen, type XXIII, alpha 1	5.64
1450584_at	<i>Hoxd11</i>	homeo box D11	5.64
1452463_x_at	---	Immunoglobulin kappa chain complex	5.60
1449425_at	<i>Wnt2</i>	wingless-related MMTV integration site 2	5.59
1418697_at	<i>Inmt</i>	indolethylamine N-methyltransferase	5.57
1448501_at	<i>Tspan6</i>	tetraspanin 6	5.55
1429030_at	<i>C1qtnf7</i>	C1q and tumor necrosis factor related protein 7	5.50
1457323_at	<i>LOC632191</i>	hypothetical protein LOC632191	5.50
1460197_a_at	<i>Steap4</i>	STEAP family member 4	5.49
1451679_at	<i>6530401D17Rik</i>	RIKEN cDNA 6530401D17 gene	5.48
1418210_at	<i>Pfn2</i>	profilin 2	5.47
1441172_at	<i>Aff3</i>	AF4/FMR2 family, member 3	5.47
1425895_a_at	<i>Id1</i>	inhibitor of DNA binding 1	5.42
1428333_at	<i>2900062L11Rik</i>	RIKEN cDNA 2900062L11 gene	5.30
1433716_x_at	<i>Gfra2</i>	glial cell line derived neurotrophic factor family receptor alpha 2	5.30
1447839_x_at	<i>Adm</i>	adrenomedullin	5.30
1455925_at	<i>Prdm8</i>	PR domain containing 8	5.27
1447272_s_at	<i>Atp10a</i>	ATPase, class V, type 10A	5.26
1436993_x_at	<i>Pfn2</i>	profilin 2	5.26
1448229_s_at	<i>Ccnd2</i>	cyclin D2	5.24
1418454_at	<i>Mfap5</i>	microfibrillar associated protein 5	5.18
1418126_at	<i>Ccl5</i>	chemokine (C-C motif) ligand 5	5.14
1430554_at	<i>Lrig3</i>	leucine-rich repeats and immunoglobulin-like domains 3	5.13

1457021_x_at	<i>Amhr2</i>	anti-Mullerian hormone type 2 receptor	5.12
1450512_at	<i>Ntn4</i>	netrin 4	5.11
1415935_at	<i>Smoc2</i>	SPARC related modular calcium binding 2	5.06
1419100_at	<i>Serpina3n</i>	serine (or cysteine) peptidase inhibitor, clade A, member 3N	5.05
1435337_at	<i>Tshz3</i>	teashirt zinc finger family member 3	5.05
1438667_at	<i>5730410E15Rik</i>	RIKEN cDNA 5730410E15 gene	5.04
1427168_a_at	<i>Col14a1</i>	procollagen, type XIV, alpha 1	5.03
1424305_at	<i>Igj</i>	immunoglobulin joining chain	5.00
1428136_at	<i>Sfrp1</i>	secreted frizzled-related sequence protein 1	5.00
1422473_at	<i>Pde4b</i>	phosphodiesterase 4B, cAMP specific	4.96
1419200_at	<i>Fxyd7</i>	FXD domain-containing ion transport regulator 7	4.92
1460163_at	<i>C1qtnf7</i>	C1q and tumor necrosis factor related protein 7	4.92
1427527_a_at	<i>Pthlh</i>	parathyroid hormone-like peptide	4.91
1419089_at	<i>Timp3</i>	tissue inhibitor of metalloproteinase 3	4.88
1455145_at	---	14, 17 days embryo head cDNA, RIKEN full-length enriched library, clone:3222402J19 product:unclassifiable, full insert sequence	4.83
1422632_at	<i>Ctsw</i>	cathepsin W	4.81
1416630_at	<i>Id3</i>	inhibitor of DNA binding 3	4.79
1439549_at	<i>Prrg3</i>	proline rich Gla (G-carboxyglutamic acid) 3 (transmembrane)	4.76
1429679_at	<i>Lrrc17</i>	leucine rich repeat containing 17	4.73
1430555_s_at	<i>Lrig3</i>	leucine-rich repeats and immunoglobulin-like domains 3	4.73
1420414_at	<i>Hoxa11</i>	homeo box A11	4.72
1459847_x_at	<i>Gfra2</i>	glial cell line derived neurotrophic factor family receptor alpha 2	4.70
1449334_at	<i>Timp3</i>	tissue inhibitor of metalloproteinase 3	4.70
1424942_a_at	<i>Myc</i>	myelocytomatosis oncogene	4.70
1440777_x_at	---	---	4.66
1452249_at	<i>Prickle1</i>	prickle like 1 (Drosophila)	4.66
1457040_at	<i>Lgi2</i>	leucine-rich repeat LGI family, member 2	4.64
1417023_a_at	<i>Fabp4</i>	fatty acid binding protein 4, adipocyte	4.64
1436713_s_at	<i>Gtl2</i>	GTL2, imprinted maternally expressed untranslated mRNA	4.64
1426937_at	<i>6330406115Rik</i>	RIKEN cDNA 6330406115 gene	4.63
1447725_at	<i>C030034E14Rik</i>	RIKEN cDNA C030034E14 gene	4.63
1429022_at	<i>Adcyap1r1</i>	adenylate cyclase activating polypeptide 1 receptor 1	4.61
1425444_a_at	<i>Tgfb2</i>	transforming growth factor, beta receptor II	4.60
1429178_at	<i>Odz3</i>	odd Oz/ten-m homolog 3 (Drosophila)	4.60
1452840_at	<i>1500009L16Rik</i>	RIKEN cDNA 1500009L16 gene	4.58
1421992_a_at	<i>Igfbp4</i>	insulin-like growth factor binding protein 4	4.56
1448424_at	<i>Frzb</i>	frizzled-related protein	4.53
1418599_at	<i>Col11a1</i>	procollagen, type XI, alpha 1	4.52
1451758_at	<i>Lamc3</i>	laminin gamma 3	4.52
1442277_at	<i>Chka</i>	choline kinase alpha	4.51

1423467_at	<i>Ms4a4b</i>	membrane-spanning 4-domains, subfamily A, member 4B	4.51
1431115_at	<i>Tgif2</i>	TGFB-induced factor 2	4.49
1421970_a_at	<i>Gria2</i>	glutamate receptor, ionotropic, AMPA2 (alpha 2)	4.49
1428455_at	<i>Col14a1</i>	procollagen, type XIV, alpha 1	4.48
1423585_at	<i>Igfbp7</i> /// LOC621527	insulin-like growth factor binding protein 7 /// similar to O-acyltransferase (membrane bound) domain containing 2	4.47
1460513_a_at	<i>Ednra</i>	endothelin receptor type A	4.45
1428064_at	<i>Centd2</i>	centaurin, delta 2	4.44
1422474_at	<i>Pde4b</i>	phosphodiesterase 4B, cAMP specific	4.44
1427257_at	<i>Cspg2</i>	chondroitin sulfate proteoglycan 2	4.43
1451263_a_at	<i>Fabp4</i>	fatty acid binding protein 4, adipocyte	4.42
1434939_at	<i>Foxf1a</i>	forkhead box F1a	4.41
1428667_at	<i>Maoa</i>	monoamine oxidase A	4.40
1417429_at	<i>Fmo1</i>	flavin containing monooxygenase 1	4.39
1444089_at	<i>Spnb2</i>	spectrin beta 2	4.38
1416872_at	<i>Tspan6</i>	tetraspanin 6	4.37
1448919_at	<i>Cd302</i>	CD302 antigen	4.36
1452244_at	<i>6330406115Rik</i>	RIKEN cDNA 6330406115 gene	4.35
1458943_at	---	---	4.34
1449828_at	<i>Ptgfr</i>	prostaglandin F receptor	4.33
1450852_s_at	<i>F2r</i>	coagulation factor II (thrombin) receptor	4.32
1425829_a_at	<i>Steap4</i>	STEAP family member 4	4.32
1417411_at	<i>Nap115</i>	nucleosome assembly protein 1-like 5	4.30
1426431_at	<i>Jag2</i>	jagged 2	4.30
1433728_at	<i>BC038479</i>	cDNA sequence BC038479	4.28
1420421_s_at	<i>Klr1b</i>	killer cell lectin-like receptor subfamily B member 1B	4.28
1434400_at	<i>Tgif2</i>	TGFB-induced factor 2	4.25
1419606_a_at	<i>Tnnt1</i>	troponin T1, skeletal, slow	4.22
1438967_x_at	<i>Amhr2</i>	anti-Mullerian hormone type 2 receptor	4.21
1422324_a_at	<i>Pthlh</i>	parathyroid hormone-like peptide	4.19
1427660_x_at	<i>Igk-C</i> /// <i>Igk-V28</i> /// <i>Igk-V8-16</i>	immunoglobulin kappa chain, constant region /// immunoglobulin kappa chain variable 28 (V28) /// immunoglobulin kappa chain variable 8 (V8)-16	4.16
1418220_at	<i>Foxf2</i>	forkhead box F2	4.13
1452899_at	<i>Rian</i>	RNA imprinted and accumulated in nucleus	4.13
1449315_at	<i>Odz3</i>	odd Oz/ten-m homolog 3 (Drosophila)	4.12
1437401_at	---	---	4.11
1422875_at	<i>Cd84</i>	CD84 antigen	4.10
1436878_at	<i>Baalc</i>	brain and acute leukemia, cytoplasmic	4.09
1417455_at	<i>Tgfb3</i>	transforming growth factor, beta 3	4.09
1416658_at	<i>Frzb</i>	frizzled-related protein	4.08
1451866_a_at	<i>Hgf</i>	hepatocyte growth factor	4.07
1450773_at	<i>Kcnd2</i>	potassium voltage-gated channel, Shal-related family, member 2	4.07
1439044_at	<i>Zfp354c</i>	zinc finger protein 354C	4.06



1452339_at	<i>Adamts7</i>	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 7	4.01
1418753_at	<i>Gfpt2</i>	glutamine fructose-6-phosphate transaminase 2	4.01
1418219_at	<i>Il15</i>	interleukin 15	4.00
1419519_at	<i>Igf1</i>	insulin-like growth factor 1	4.00
1416773_at	<i>Wee1</i>	wee 1 homolog (S. pombe)	3.99
1435460_at	<i>Prkg2</i>	protein kinase, cGMP-dependent, type II	3.99
1446625_at	<i>Tmem100</i>	transmembrane protein 100	3.97
1452400_a_at	<i>Hoxa11os</i>	homeo box A11, opposite strand transcript	3.94
1442676_at	<i>Maoa</i>	monoamine oxidase A	3.92
1433956_at	<i>Cdh5</i>	cadherin 5	3.90
1452417_x_at	<i>Igk-C /// Igk-V28 /// 2010205A11Rik /// Igk-V8-16</i>	immunoglobulin kappa chain, constant region /// immunoglobulin kappa chain variable 28 (V28) /// RIKEN cDNA 2010205A11 gene /// immunoglobulin kappa chain variable 8 (V8)-16	3.89
1434413_at	---	---	3.86
1452815_at	<i>P2ry10</i>	purinergic receptor P2Y, G-protein coupled 10	3.85
1416006_at	<i>Mdk</i>	midkine	3.85
1451843_a_at	<i>Ggta1</i>	glycoprotein galactosyltransferase alpha 1, 3	3.83
1443458_at	<i>D630033O11Rik</i>	RIKEN cDNA D630033O11 gene	3.83
1419128_at	<i>Itgax</i>	integrin alpha X	3.81
1425644_at	<i>Lepr</i>	leptin receptor	3.79
1419302_at	<i>Heyl</i>	hairly/enhancer-of-split related with YRPW motif-like	3.77
1417937_at	<i>Dact1</i>	dapper homolog 1, antagonist of beta-catenin (xenopus)	3.76
1429809_at	<i>Tmtc2</i>	transmembrane and tetratricopeptide repeat containing 2	3.76
1418181_at	<i>Ptp4a3</i>	protein tyrosine phosphatase 4a3	3.75
1438370_x_at	<i>Dos</i>	downstream of Stk11	3.74
1425896_a_at	<i>Fbn1</i>	fibrillin 1	3.72
1425511_at	<i>Mark1</i>	MAP/microtubule affinity-regulating kinase 1	3.72
1449082_at	<i>Mfap5</i>	microfibrillar associated protein 5	3.70
1424306_at	<i>Elovl4</i>	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 4	3.68
1423085_at	<i>Efnb3</i>	ephrin B3	3.66
1419358_at	<i>Sorcs2</i>	sortilin-related VPS10 domain containing receptor 2	3.65
1452014_a_at	<i>Igf1</i>	insulin-like growth factor 1	3.65
1434316_at	<i>Chsy1</i>	carbohydrate (chondroitin) synthase 1	3.64
1437319_at	<i>Unc13c</i>	unc-13 homolog C (C. elegans)	3.64
1434470_at	<i>Syt13</i>	synaptotagmin XIII	3.62
1421694_a_at	<i>Cspg2</i>	chondroitin sulfate proteoglycan 2	3.62
1434410_at	<i>BC043118</i>	cDNA sequence BC043118	3.61
1422733_at	<i>Fjx1</i>	four jointed box 1 (Drosophila)	3.60

1425510_at	<i>Mark1</i>	MAP/microtubule affinity-regulating kinase 1	3.60
1451691_at	<i>Ednra</i>	endothelin receptor type A	3.59
1450114_at	<i>Ksr1</i>	kinase suppressor of ras 1	3.59
1437950_at	<i>BC035537</i>	cDNA sequence BC035537	3.58
1427086_at	<i>Slit3</i>	slit homolog 3 (Drosophila)	3.57
1416302_at	<i>Ebf1</i>	early B-cell factor 1	3.56
1448925_at	<i>Twist2</i>	twist homolog 2 (Drosophila)	3.56
1455622_at	<i>Podxl2</i>	podocalyxin-like 2	3.56
1441663_at	<i>Prickle1</i>	Prickle like 1 (Drosophila)	3.54
1448818_at	<i>Wnt5a</i>	wingless-related MMTV integration site 5A	3.53
1437308_s_at	<i>F2r</i>	coagulation factor II (thrombin) receptor	3.51
1433776_at	<i>Lhfp</i>	lipoma HMGIC fusion partner	3.50
1452013_at	<i>Atp10a</i>	ATPase, class V, type 10A	3.50
1418547_at	<i>Tfpi2</i>	tissue factor pathway inhibitor 2	3.50
1420406_at	<i>Peg12</i>	paternally expressed 12	3.50
1451577_at	<i>Zbtb20</i>	zinc finger and BTB domain containing 20	3.50
1452905_at	<i>Gtl2</i> /// <i>Lphn1</i>	GTL2, imprinted maternally expressed untranslated mRNA /// latrophilin 1	3.50
1448700_at	<i>G0s2</i>	G0/G1 switch gene 2	3.50
1450728_at	<i>Fjx1</i>	four jointed box 1 (Drosophila)	3.49
1424455_at	<i>Gprasp1</i>	G protein-coupled receptor associated sorting protein 1	3.48
1451308_at	<i>Elovl4</i>	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 4	3.48
1419309_at	<i>Pdpm</i>	podoplanin	3.46
1440147_at	<i>Lgi2</i>	leucine-rich repeat LGI family, member 2	3.45
1456835_at	<i>LOC624549</i>	Hypothetical protein LOC624549	3.45
1449335_at	<i>Timp3</i>	tissue inhibitor of metalloproteinase 3	3.44
1449328_at	<i>Ly75</i>	lymphocyte antigen 75	3.44
1452296_at	<i>Slit3</i>	slit homolog 3 (Drosophila)	3.43
1433727_at	<i>BC038479</i>	cDNA sequence BC038479	3.43
1453593_at	<i>1700110N18Rik</i>	RIKEN cDNA 1700110N18 gene	3.42
1449630_s_at	<i>Mark1</i>	MAP/microtubule affinity-regulating kinase 1	3.42
1431099_at	<i>Hoxd8</i>	homeo box D8	3.42
1452183_a_at	<i>Gtl2</i>	GTL2, imprinted maternally expressed untranslated mRNA	3.41
1434709_at	<i>C130076O07Rik</i>	RIKEN cDNA C130076O07 gene	3.40
1433638_s_at	<i>Hoxd8</i>	homeo box D8	3.39
1449350_at	<i>Osr1</i>	odd-skipped related 1 (Drosophila)	3.39
1433907_at	<i>Pknox2</i>	Pbx/knotted 1 homeobox 2	3.38
1441137_at	<i>Bicc1</i>	bicaudal C homolog 1 (Drosophila)	3.37
1449110_at	<i>Rhob</i>	ras homolog gene family, member B	3.36
1438801_at	<i>Dnm3</i>	dynamamin 3	3.35
1460371_at	<i>Hspa12b</i>	heat shock protein 12B	3.34
1458659_at	<i>Plac9</i>	placenta specific 9	3.34
1456156_at	<i>Lepr</i>	leptin receptor	3.33
1417426_at	<i>Prg1</i>	proteoglycan 1, secretory granule	3.30
1417331_a_at	<i>Arl6</i>	ADP-ribosylation factor-like 6	3.30
1442265_at	<i>Fancc</i>	Fanconi anemia, complementation group C	3.28
1449226_at	<i>Hic1</i>	hypermethylated in cancer 1	3.28

1448901_at	<i>Cpxm1</i>	carboxypeptidase X 1 (M14 family)	3.26
1433855_at	<i>Abat</i>	4-aminobutyrate aminotransferase	3.24
1425281_a_at	<i>Tsc22d3</i>	TSC22 domain family 3	3.23
1448395_at	<i>Sfrp1</i>	secreted frizzled-related sequence protein 1	3.23
1436029_at	<i>Bicc1</i>	bicaudal C homolog 1 (Drosophila)	3.23
1455299_at	<i>1700110N18Rik</i>	RIKEN cDNA 1700110N18 gene	3.22
1435722_at	<i>Gria4</i>	glutamate receptor, ionotropic, AMPA4 (alpha 4)	3.22
1433525_at	<i>Ednra</i>	endothelin receptor type A	3.21
1422084_at	<i>Bmx</i>	BMX non-receptor tyrosine kinase	3.19
1453317_a_at	<i>Khdrbs3</i>	KH domain containing, RNA binding, signal transduction associated 3	3.19
1430463_a_at	<i>Sncaip</i>	synuclein, alpha interacting protein (synphilin)	3.19
1435275_at	<i>Cox6b2</i>	cytochrome c oxidase subunit VIb polypeptide 2	3.18
1457102_at	<i>A030001D16Rik</i>	RIKEN cDNA A030001D16 gene	3.18
1447915_x_at	<i>BC054438</i>	cDNA sequence BC054438	3.18
1422243_at	<i>Fgf7</i>	fibroblast growth factor 7	3.18
1423756_s_at	<i>Igfbp4</i>	insulin-like growth factor binding protein 4	3.17
1423484_at	<i>Bicc1</i>	bicaudal C homolog 1 (Drosophila)	3.16
1452163_at	<i>Ets1</i>	E26 avian leukemia oncogene 1, 5' domain	3.16
1431475_a_at	<i>Hoxa10</i>	homeo box A10	3.16
1437595_at	<i>E030010A14Rik</i>	RIKEN cDNA E030010A14 gene	3.16
1418534_at	---	---	3.16
1453419_at	<i>2900078C09Rik</i>	RIKEN cDNA 2900078C09 gene	3.15
1457637_at	<i>Prickle1</i>	Prickle like 1 (Drosophila)	3.15
1436459_at	<i>Gpr161</i>	G protein-coupled receptor 161	3.15
1428696_at	<i>2310015N21Rik</i>	RIKEN cDNA 2310015N21 gene	3.14
1450724_at	<i>Drctnnb1a</i>	down-regulated by Ctnnb1, a	3.14
1416590_a_at	<i>Rab34</i>	RAB34, member of RAS oncogene family	3.14
1432176_a_at	---	---	3.14
1452483_a_at	<i>Cd44</i>	CD44 antigen	3.13
1424596_s_at	<i>Lmcd1</i>	LIM and cysteine-rich domains 1	3.13
1416591_at	<i>Rab34</i>	RAB34, member of RAS oncogene family	3.13
1416598_at	<i>Glis2</i>	GLIS family zinc finger 2	3.13
1419126_at	<i>Hoxd9</i>	homeo box D9	3.12
1425861_x_at	<i>Cacna2d1</i>	calcium channel, voltage-dependent, alpha2/delta subunit 1	3.12
1433894_at	<i>AI591476</i>	expressed sequence AI591476	3.11
1417319_at	<i>Pvr13</i>	poliovirus receptor-related 3	3.11
1418058_at	<i>Elt1</i>	EGF, latrophilin seven transmembrane domain containing 1	3.11
1423946_at	<i>Pdlim2</i>	PDZ and LIM domain 2	3.10
1452968_at	<i>Cthrc1</i>	collagen triple helix repeat containing 1	3.10
1447851_x_at	---	---	3.09
1455711_at	<i>Dtx4</i>	deltex 4 homolog (Drosophila)	3.08
1417446_at	<i>Slc12a4</i>	solute carrier family 12, member 4	3.08
1418059_at	<i>Elt1</i>	EGF, latrophilin seven transmembrane domain containing 1	3.07
1448729_a_at	4-Sep	septin 4	3.07

1454637_at	<i>Klhl8</i>	kelch-like 8 (Drosophila)	3.05
1428211_at	<i>4933406E20Rik</i>	RIKEN cDNA 4933406E20 gene	3.05
1418538_at	<i>Kdelr3</i>	KDEL (Lys-Asp-Glu-Leu) endoplasmic reticulum protein retention receptor 3	3.05
1429965_at	<i>Lonrf2</i>	LON peptidase N-terminal domain and ring finger 2	3.04
1423292_a_at	<i>Prx</i>	periaxin	3.04
1438266_at	<i>Adamts15</i>	ADAMTS-like 5	3.04
1436999_at	<i>5033414K04Rik</i>	RIKEN cDNA 5033414K04 gene	3.04
1426319_at	<i>Pdgfd</i>	platelet-derived growth factor, D polypeptide	3.04
1437066_at	<i>Zbtb20</i>	zinc finger and BTB domain containing 20	3.03
1434621_at	<i>BC054438</i>	cDNA sequence BC054438	3.03
1428209_at	<i>Bex4</i>	brain expressed gene 4	3.02
1454877_at	<i>Sertad4</i>	SERTA domain containing 4	3.02
1437417_s_at	<i>Gpc6</i>	glypican 6	3.01
1434593_at	<i>Eif5a2</i>	eukaryotic translation initiation factor 5A2	3.01
1418532_at	<i>Fzd2</i>	frizzled homolog 2 (Drosophila)	3.00
1428026_at	<i>Tshz2</i>	teashirt zinc finger family member 2	2.99
1422602_a_at	<i>Wnt5b</i>	wingless-related MMTV integration site 5B	2.99
1448416_at	<i>Mgp</i>	matrix Gla protein	2.97
1459713_s_at	<i>Tmem16a</i>	transmembrane protein 16A	2.97
1460009_at	---	Transcribed locus	2.97
1417985_at	<i>Nrarp</i>	Notch-regulated ankyrin repeat protein	2.97
1448592_at	<i>Crtap</i>	cartilage associated protein	2.96
1437065_at	<i>Zbtb20</i>	zinc finger and BTB domain containing 20	2.96
1420364_at	<i>Gpr87</i>	G protein-coupled receptor 87	2.94
1436475_at	---	Transcribed locus	2.93
1416160_at	<i>Nr2f2</i>	nuclear receptor subfamily 2, group F, member 2	2.93
1449559_at	<i>Msx2</i>	homeo box, msh-like 2	2.93
1424382_at	<i>Rcn3</i>	reticulocalbin 3, EF-hand calcium binding domain	2.93
1430596_s_at	<i>1700110N18Rik</i>	RIKEN cDNA 1700110N18 gene	2.93
1448350_at	<i>Asl</i>	argininosuccinate lyase	2.92
1436545_at	<i>Dtx4</i>	deltex 4 homolog (Drosophila)	2.92
1422671_s_at	<i>Naalad2</i>	N-acetylated alpha-linked acidic dipeptidase 2	2.92
1418533_s_at	<i>Fzd2</i>	frizzled homolog 2 (Drosophila)	2.92
1424208_at	<i>Ptger4</i>	prostaglandin E receptor 4 (subtype EP4)	2.92
1419303_at	<i>Heyl</i>	hairly/enhancer-of-split related with YRPW motif-like	2.91
1435975_at	<i>A1115600</i>	expressed sequence A1115600	2.91
1438329_at	<i>Tlr12</i>	toll-like receptor 12	2.90
1426571_at	<i>Tmem16a</i>	transmembrane protein 16A	2.89
1426725_s_at	<i>Ets1</i>	E26 avian leukemia oncogene 1, 5' domain	2.88
1418606_at	<i>Hoxd10</i>	homeo box D10	2.88
1418483_a_at	<i>Ggta1</i>	glycoprotein galactosyltransferase alpha 1, 3	2.87
1419470_at	<i>Gnb4</i>	guanine nucleotide binding protein, beta 4	2.87
1455419_at	<i>D630045J12Rik</i>	RIKEN cDNA D630045J12 gene	2.87
1422812_at	<i>Cxcr6</i>	chemokine (C-X-C motif) receptor 6	2.87

1417304_at	<i>Chrd</i>	chordin	2.87
1450080_at	<i>Cxx1c</i>	CAAX box 1 homolog C (human)	2.86
1423331_a_at	<i>Pvrl3</i>	poliovirus receptor-related 3	2.85
1447623_s_at	<i>C130009A20Rik</i>	RIKEN cDNA C130009A20 gene	2.85
1416301_a_at	<i>Ebf1</i>	early B-cell factor 1	2.85
1439847_s_at	<i>Klf12</i>	Kruppel-like factor 12	2.85
1436101_at	<i>Rnf24</i>	ring finger protein 24	2.85
1420425_at	<i>Prdm1</i>	PR domain containing 1, with ZNF domain	2.85
1453556_x_at	<i>Cd99</i>	CD99 antigen	2.84
1451199_at	<i>Qtrtd1</i>	queuine tRNA-ribosyltransferase domain containing 1	2.83
1428242_at	<i>Hmha1</i>	histocompatibility (minor) HA-1	2.82
1425557_x_at	<i>Tsc22d3</i>	TSC22 domain family 3	2.82
1423757_x_at	<i>Igfbp4</i>	insulin-like growth factor binding protein 4	2.82
1439278_at	<i>Zbtb20</i>	zinc finger and BTB domain containing 20	2.81
1436698_x_at	<i>BC054438</i>	cDNA sequence BC054438	2.80
1437378_x_at	<i>Scarb1</i>	scavenger receptor class B, member 1	2.79
1427020_at	<i>Scara3</i>	scavenger receptor class A, member 3	2.79
1456532_at	<i>Pdgfd</i>	Platelet-derived growth factor, D polypeptide	2.79
1417040_a_at	<i>Bok</i>	Bcl-2-related ovarian killer protein	2.79
1449054_a_at	<i>Pcbp4</i>	poly(rC) binding protein 4	2.78
1436791_at	<i>Wnt5a</i>	wingless-related MMTV integration site 5A	2.78
1435385_at	<i>Tshz2</i>	teashirt zinc finger family member 2	2.78
1444956_at	<i>Gabarapl2</i>	Gamma-aminobutyric acid (GABA-A) receptor-associated protein-like 2	2.77
1437673_at	---	Transcribed locus	2.77
1433587_at	<i>Rgmb</i>	RGM domain family, member B	2.77
1420772_a_at	<i>Tsc22d3</i>	TSC22 domain family 3	2.76
1427278_at	<i>Rsnl2</i>	restin-like 2	2.75
1448942_at	<i>Gng11</i>	guanine nucleotide binding protein (G protein), gamma 11	2.75
1456885_at	---	Transcribed locus	2.75
1436173_at	<i>Dlc1</i>	deleted in liver cancer 1	2.75
1416623_at	<i>Thbs3</i>	thrombospondin 3	2.74
1439128_at	<i>Zbtb20</i>	zinc finger and BTB domain containing 20	2.74
1453724_a_at	<i>Serpinf1</i>	serine (or cysteine) peptidase inhibitor, clade F, member 1	2.74
1421073_a_at	<i>Ptger4</i>	prostaglandin E receptor 4 (subtype EP4)	2.74
1449028_at	<i>Rhou</i>	ras homolog gene family, member U	2.74
1460208_at	<i>Fbn1</i>	fibrillin 1	2.73
1447948_at	<i>A430107O13Rik</i>	RIKEN cDNA A430107O13 gene	2.73
1419758_at	<i>Abcb1a</i>	ATP-binding cassette, sub-family B (MDR/TAP), member 1A	2.72
1428568_at	<i>B230217C12Rik</i>	RIKEN cDNA B230217C12 gene	2.72
1418745_at	<i>Omd</i>	osteomodulin	2.72
1418382_at	<i>Apcdd1</i>	adenomatosis polyposis coli down-regulated 1	2.71
1436665_a_at	<i>Ltbp4</i>	latent transforming growth factor beta binding protein 4	2.71
1434639_at	<i>Kbtbd9</i>	kelch repeat and BTB (POZ) domain containing 9	2.71

1452590_a_at	<i>Plac9</i>	placenta specific 9	2.70
1433586_at	<i>Rgmb</i>	RGM domain family, member B	2.70
1448673_at	<i>Pvrl3</i>	poliovirus receptor-related 3	2.70
1422550_a_at	<i>Mtap6</i>	microtubule-associated protein 6	2.70
1450276_a_at	<i>Scin</i>	scinderin	2.70
1419834_x_at	<i>Mark1</i>	MAP/microtubule affinity-regulating kinase 1	2.69
1424221_at	<i>Susd4</i>	sushi domain containing 4	2.69
1448908_at	<i>Ppap2b</i>	phosphatidic acid phosphatase type 2B	2.69
1416368_at	<i>Gsta4</i>	glutathione S-transferase, alpha 4	2.69
1435386_at	<i>Vwf</i>	Von Willebrand factor homolog	2.69
1419681_a_at	<i>Prok2</i>	prokineticin 2	2.68
1415964_at	<i>Scd1</i>	stearoyl-Coenzyme A desaturase 1	2.68
1449070_x_at	<i>Apcdd1</i>	adenomatosis polyposis coli down-regulated 1	2.68
1423379_at	<i>Nfatc4</i> /// LOC672021	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4 /// similar to cytoplasmic nuclear factor of activated T-cells 4	2.68
1435468_at	<i>C76566</i>	expressed sequence C76566	2.66
1435361_at	---	---	2.66
1418910_at	<i>Bmp7</i>	bone morphogenetic protein 7	2.66
1433523_at	<i>D930005D10Rik</i>	RIKEN cDNA D930005D10 gene	2.65
1448293_at	---	---	2.65
1430012_at	<i>1110050K14Rik</i>	RIKEN cDNA 1110050K14 gene	2.65
1448276_at	<i>Tspan4</i>	tetraspanin 4	2.64
1433526_at	<i>Klhl8</i>	kelch-like 8 (Drosophila)	2.64
1438202_at	<i>C920005C14Rik</i>	RIKEN cDNA C920005C14 gene	2.63
1452660_s_at	<i>Klhl7</i>	kelch-like 7 (Drosophila)	2.63
1419688_at	<i>Gpc6</i>	glypican 6	2.63
1433643_at	<i>Cacna2d1</i>	calcium channel, voltage-dependent, alpha2/delta subunit 1	2.63
1425660_at	<i>Btbtd3</i>	BTB (POZ) domain containing 3	2.63
1422673_at	<i>Prkcm</i>	protein kinase C, mu	2.62
1416625_at	<i>Serping1</i>	serine (or cysteine) peptidase inhibitor, clade G, member 1	2.62
1428808_at	<i>Prickle2</i>	prickle-like 2 (Drosophila)	2.62
1452666_a_at	<i>Tmcc2</i>	transmembrane and coiled-coil domains 2	2.62
1439380_x_at	<i>Gtl2</i>	GTL2, imprinted maternally expressed untranslated mRNA	2.62
1449531_at	<i>Leprel2</i>	leprecan-like 2	2.61
1460292_a_at	<i>Smarca1</i>	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 1	2.61
1421462_a_at	<i>Lepre1</i>	leprecan 1	2.60
1417271_a_at	<i>Eng</i>	endoglin	2.60
1424246_a_at	<i>Tes</i>	testis derived transcript	2.60
1438354_x_at	<i>Cnn3</i>	Calponin 3, acidic	2.59
1452160_at	<i>Tiparp</i>	TCDD-inducible poly(ADP-ribose) polymerase	2.59
1437165_a_at	<i>Pcolce</i>	procollagen C-endopeptidase enhancer protein	2.59

1436041_at	---	---	2.59
1449002_at	<i>Phlda3</i>	pleckstrin homology-like domain, family A, member 3	2.59
1451978_at	<i>Loxl1</i>	lysyl oxidase-like 1	2.59
1420667_at	<i>Doc2b</i>	double C2, beta	2.59
1416781_at	<i>Praf2</i>	PRA1 domain family 2	2.58
1444890_at	<i>AA536749</i>	Expressed sequence AA536749	2.58
1421233_at	<i>Pknox1</i>	Pbx/knotted 1 homeobox	2.58
1423854_a_at	<i>Rasl11b</i>	RAS-like, family 11, member B	2.57
1417627_a_at	<i>Limk1</i>	LIM-domain containing, protein kinase	2.57
1422889_at	<i>Pcdh18</i>	protocadherin 18	2.57
1430341_at	<i>Nudt5</i>	nudix (nucleoside diphosphate linked moiety X)-type motif 5	2.57
1454708_at	<i>Ablim1</i>	actin-binding LIM protein 1	2.57
1454822_x_at	<i>Apcdd1</i>	adenomatosis polyposis coli down-regulated 1	2.56
1432057_a_at	<i>Prdm5</i>	PR domain containing 5	2.56
1451264_at	<i>Frmf6</i>	FERM domain containing 6	2.56
1434353_at	<i>Sfmbt2</i>	Scm-like with four mbt domains 2	2.56
1444761_at	<i>Ccdc8</i>	Coiled-coil domain containing 8	2.56
1433471_at	<i>Tcf7</i>	transcription factor 7, T-cell specific	2.56
1436658_at	<i>B130024G19Rik</i>	RIKEN cDNA B130024G19 gene	2.56
1420385_at	<i>Gna14</i>	guanine nucleotide binding protein, alpha 14	2.55
1448433_a_at	<i>Pcolce</i>	procollagen C-endopeptidase enhancer protein	2.54
1426631_at	<i>Pus7</i>	pseudouridylate synthase 7 homolog (S. cerevisiae)	2.54
1438443_at	<i>Zbtb20</i>	zinc finger and BTB domain containing 20	2.54
1418377_a_at	<i>Siva</i>	Cd27 binding protein (Hindu God of destruction)	2.53
1435880_at	<i>Ankrd50</i>	ankrin repeat domain 50	2.53
1434594_at	<i>Dnahc1</i>	dynein, axonemal, heavy chain 1	2.53
1419759_at	<i>Abcb1a</i>	ATP-binding cassette, sub-family B (MDR/TAP), member 1A	2.52
1454403_at	<i>4930466I24Rik</i>	RIKEN cDNA 4930466I24 gene	2.52
1422064_a_at	<i>Zbtb20</i>	zinc finger and BTB domain containing 20	2.52
1436063_at	<i>Loxl1</i>	lysyl oxidase-like 1	2.51
1436870_s_at	<i>AU041783</i>	expressed sequence AU041783	2.51
1429752_x_at	<i>Rsl2</i>	restin-like 2	2.51
1460373_a_at	<i>Setd4</i>	SET domain containing 4	2.51
1417497_at	<i>Cp</i>	ceruloplasmin	2.51
1437101_at	<i>Lats2</i>	large tumor suppressor 2	2.50
1423845_at	<i>Csdc2</i>	cold shock domain containing C2, RNA binding	2.50
1417625_s_at	<i>Cmkor1</i>	chemokine orphan receptor 1	2.49
1424250_a_at	<i>Arhgef3</i>	Rho guanine nucleotide exchange factor (GEF) 3	2.49
1426399_at	<i>Vwa1</i>	von Willebrand factor A domain containing 1	2.49
1422890_at	<i>Pcdh18</i>	protocadherin 18	2.49
1419464_at	<i>2810046M22Rik</i>	RIKEN cDNA 2810046M22 gene	2.49

1431798_a_at	<i>Syde1</i>	synapse defective 1, Rho GTPase, homolog 1 (C. elegans)	2.48
1452432_at	<i>Tfpi</i>	tissue factor pathway inhibitor	2.48
1424886_at	<i>Ptprd</i>	protein tyrosine phosphatase, receptor type, D	2.48
1456976_at	<i>Wnt5a</i>	wingless-related MMTV integration site 5A	2.47
1436269_s_at	<i>Htra2</i>	HtrA serine peptidase 2	2.47
1455170_at	<i>2810001G20Rik</i>	RIKEN cDNA 2810001G20 gene	2.47
1429671_at	<i>2410018M08Rik</i>	RIKEN cDNA 2410018M08 gene	2.47
1417836_at	<i>Gpx7</i>	glutathione peroxidase 7	2.47
1431237_at	<i>Nr2f2</i>	nuclear receptor subfamily 2, group F, member 2	2.46
1417933_at	<i>Igfbp6</i>	insulin-like growth factor binding protein 6	2.46
1456389_at	<i>Zfx1b</i>	zinc finger homeobox 1b	2.46
1425875_a_at	<i>Lepr</i>	leptin receptor	2.46
1438886_at	<i>Heyl</i>	hairly/enhancer-of-split related with YRPW motif-like	2.46
1445274_at	<i>BC024063</i>	cDNA sequence BC024063	2.46
1456380_x_at	<i>Cnn3</i>	calponin 3, acidic	2.46
1419380_at	<i>Zfp423</i>	zinc finger protein 423	2.46
1420858_at	<i>Pkia</i>	protein kinase inhibitor, alpha	2.45
1449588_at	<i>Abca4</i>	ATP-binding cassette, sub-family A (ABC1), member 4	2.45
1447788_s_at	<i>Tspyl3</i>	TSPY-like 3	2.45
1433805_at	<i>Jak1</i>	Janus kinase 1	2.45
1435987_x_at	<i>1110059G02Rik</i>	RIKEN cDNA 1110059G02 gene	2.45
1416159_at	<i>Nr2f2</i>	nuclear receptor subfamily 2, group F, member 2	2.45
1439284_at	<i>E230025E14Rik</i>	RIKEN cDNA E230025E14 gene	2.45
1416050_a_at	<i>Scarb1</i>	scavenger receptor class B, member 1	2.44
1428108_x_at	<i>Tmcc2</i>	transmembrane and coiled-coil domains 2	2.44
1424724_a_at	<i>D16Ert472e</i>	DNA segment, Chr 16, ERATO Doi 472, expressed	2.44
1440093_at	<i>Ednra</i>	endothelin receptor type A	2.43
1449851_at	<i>Per1</i>	period homolog 1 (Drosophila)	2.43
1449450_at	<i>Ptges</i>	prostaglandin E synthase	2.42
1423551_at	<i>Cdh13</i>	cadherin 13	2.42
1424906_at	<i>Pqlc3</i>	PQ loop repeat containing	2.42
1448475_at	<i>Olfml3</i>	olfactomedin-like 3	2.42
1426539_at	<i>Usp11</i>	ubiquitin specific peptidase 11	2.42
1429052_at	<i>Ptprd</i>	protein tyrosine phosphatase, receptor type, D	2.41
1416798_a_at	<i>Nme4</i>	expressed in non-metastatic cells 4, protein	2.41
1423584_at	<i>Igfbp7</i>	insulin-like growth factor binding protein 7	2.41
1441945_s_at	<i>Abhd14a</i>	abhydrolase domain containing 14A	2.41
1425293_a_at	<i>Zcchc18</i>	zinc finger, CCHC domain containing 18	2.40
1440397_at	---	---	2.40
1427081_at	<i>A630072M18Rik</i>	RIKEN cDNA A630072M18 gene	2.40
1460404_at	<i>Sr278</i>	stretch responsive protein 278	2.40
1454023_a_at	<i>D1Bwg1363e</i>	DNA segment, Chr 1, Brigham & Women's Genetics 1363 expressed	2.40



1449999_a_at	<i>Cacna2d1</i>	calcium channel, voltage-dependent, alpha2/delta subunit 1	2.40
1452573_a_at	<i>Sr278</i>	stretch responsive protein 278	2.39
1417018_at	<i>Efemp2</i>	epidermal growth factor-containing fibulin-like extracellular matrix protein 2	2.39
1419557_a_at	<i>Tmem9</i>	transmembrane protein 9	2.39
1424524_at	<i>1200002N14Rik</i>	RIKEN cDNA 1200002N14 gene	2.39
1426397_at	<i>Tgfr2</i>	transforming growth factor, beta receptor II	2.38
1460602_at	<i>Dlc1</i>	deleted in liver cancer 1	2.38
1456410_at	<i>AU045128</i>	expressed sequence AU045128	2.38
1438530_at	<i>Tfpi</i>	tissue factor pathway inhibitor	2.38
1453103_at	<i>Ablim1</i>	actin-binding LIM protein 1	2.38
1443960_at	---	---	2.37
1434130_at	<i>Lhfp12</i>	lipoma HMGIC fusion partner-like 2	2.37
1454015_a_at	<i>Cdh13</i>	cadherin 13	2.37
1427167_at	<i>AI448196</i>	expressed sequence AI448196	2.37
1424932_at	<i>Egfr</i>	epidermal growth factor receptor	2.37
1425650_at	<i>Tle4</i>	transducin-like enhancer of split 4, homolog of Drosophila E(spl)	2.36
1450853_at	<i>Tle4</i>	transducin-like enhancer of split 4, homolog of Drosophila E(spl)	2.36
1433803_at	<i>Jak1</i>	Janus kinase 1	2.36
1456756_at	<i>E430016P22Rik</i>	RIKEN cDNA E430016P22 gene	2.36
1423805_at	<i>Dab2</i>	disabled homolog 2 (Drosophila)	2.35
1456473_x_at	<i>Arf2</i>	ADP-ribosylation factor 2	2.35
1449514_at	<i>Gprk5</i>	G protein-coupled receptor kinase 5	2.34
1460222_at	<i>Sh3bp1</i>	SH3-domain binding protein 1	2.34
1427180_at	<i>Slc27a3</i>	solute carrier family 27 (fatty acid transporter), member 3	2.34
1430604_a_at	<i>Dab2</i>	disabled homolog 2 (Drosophila)	2.33
1452029_a_at	<i>Purg</i>	purine-rich element binding protein G	2.33
1421890_at	<i>St3gal2</i>	ST3 beta-galactoside alpha-2,3-sialyltransferase 2	2.33
1423760_at	<i>Cd44</i>	CD44 antigen	2.32
1422985_at	<i>Fzd1</i>	frizzled homolog 1 (Drosophila)	2.32
1438793_x_at	<i>1200007D18Rik</i>	RIKEN cDNA 1200007D18 gene	2.32
1449055_x_at	<i>Pcbp4</i>	poly(rC) binding protein 4	2.32
1455862_at	<i>9630054F20Rik</i>	RIKEN cDNA 9630054F20 gene	2.32
1429234_s_at	<i>11-Sep</i>	septin 11	2.32
1416491_at	<i>Numb1</i>	numb-like	2.32
1450406_a_at	<i>St3gal3</i>	ST3 beta-galactoside alpha-2,3-sialyltransferase 3	2.31
1421269_at	<i>Ugcg</i>	UDP-glucose ceramide glucosyltransferase	2.31
1437406_x_at	<i>Igfbp4</i>	insulin-like growth factor binding protein 4	2.31
1428371_at	<i>2610507N02Rik</i>	RIKEN cDNA 2610507N02 gene	2.31
1435701_at	<i>Dnajb6</i>	DnaJ (Hsp40) homolog, subfamily B, member 6	2.31
1416515_at	<i>Fscn1</i>	fascin homolog 1, actin bundling protein (Strongylocentrotus purpuratus)	2.30
1419757_at	<i>Pitpnm2</i>	phosphatidylinositol transfer protein, membrane-associated 2	2.30
1417092_at	<i>Pthr1</i>	parathyroid hormone receptor 1	2.30

1423425_at	<i>1300012G16Rik</i>	RIKEN cDNA 1300012G16 gene	2.30
1436877_at	<i>Lrch2</i>	leucine-rich repeats and calponin homology (CH) domain containing 2	2.29
1438181_x_at	<i>Tm2d2</i>	TM2 domain containing 2	2.29
1456483_at	<i>Zfp9</i>	zinc finger protein 9	2.28
1451355_at	<i>Asah3l</i>	N-acylsphingosine amidohydrolase 3-like	2.28
1452283_at	<i>Rassf8</i>	Ras association (RalGDS/AF-6) domain family 8	2.28
1428091_at	<i>Klhl7</i>	kelch-like 7 (Drosophila)	2.28
1435605_at	<i>Actr3b</i>	ARP3 actin-related protein 3 homolog B (yeast)	2.27
1435737_a_at	<i>Nde1</i>	nuclear distribution gene E homolog 1 (A nidulans)	2.27
1455820_x_at	<i>Scarb1</i>	scavenger receptor class B, member 1	2.27
1444063_at	<i>5430435G22Rik</i>	RIKEN cDNA 5430435G22 gene	2.27
1448894_at	<i>Akr1b8</i>	aldo-keto reductase family 1, member B8	2.27
1455570_x_at	<i>Cnn3</i>	calponin 3, acidic	2.27
1417080_a_at	<i>Ecsit</i>	ECSIT homolog (Drosophila)	2.27
1458887_at	<i>Tcf21</i>	transcription factor 21	2.27
1436954_at	<i>Waspip</i>	Wiskott-Aldrich syndrome protein interacting protein	2.26
1418892_at	<i>Rhoj</i>	ras homolog gene family, member J	2.26
1428720_s_at	<i>IgI-V1 /// 2010309G21Rik /// LOC207685 /// LOC386520</i>	immunoglobulin lambda chain, variable 1 /// RIKEN cDNA 2010309G21 gene /// hypothetical protein LOC207685 /// similar to Ig lambda-3 chain C region - mouse	2.26
1456147_at	<i>St8sia6</i>	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 6	2.26
1435504_at	---	Transcribed locus	2.26
1451123_at	<i>C330016O10Rik</i>	RIKEN cDNA C330016O10 gene	2.26
1416529_at	<i>Emp1</i>	epithelial membrane protein 1	2.26
1448602_at	<i>Pygm</i>	muscle glycogen phosphorylase	2.26
1439373_x_at	<i>Wnt5b</i>	wingless-related MMTV integration site 5B	2.26
1437149_at	<i>Slc6a6</i>	solute carrier family 6 (neurotransmitter transporter, taurine), member 6	2.26
1434492_at	<i>A130022J15Rik</i>	RIKEN cDNA A130022J15 gene	2.25
1430514_a_at	<i>Cd99</i>	CD99 antigen	2.25
1417220_at	<i>Fah</i>	fumarylacetoacetate hydrolase	2.25
1424669_at	<i>Zfyve21</i>	zinc finger, FYVE domain containing 21	2.25
1438661_a_at	<i>Arf2</i>	ADP-ribosylation factor 2	2.25
1418459_at	<i>Ccdc91</i>	coiled-coil domain containing 91	2.25
1448562_at	<i>Upp1</i>	uridine phosphorylase 1	2.24
1439348_at	<i>S100a10</i>	S100 calcium binding protein A10 (calpactin)	2.24
1458642_at	<i>Klre1</i>	killer cell lectin-like receptor family E member 1	2.24
1421641_at	<i>Slc6a2</i>	solute carrier family 6 (neurotransmitter transporter, noradrenalin), member 2	2.23
1437405_a_at	<i>Igfbp4</i>	insulin-like growth factor binding protein 4	2.23
1424163_at	<i>Rmnd5b</i>	required for meiotic nuclear division 5 homolog B (S. cerevisiae)	2.23
1436759_x_at	<i>Cnn3</i>	calponin 3, acidic	2.23

1426801_at	8-Sep	septin 8	2.22
1460495_s_at	<i>Htra2</i>	HtrA serine peptidase 2	2.22
1434524_at	<i>Eif2b3</i>	eukaryotic translation initiation factor 2B, subunit 3	2.22
1436071_at	<i>Ankrd26</i>	Ankyrin repeat domain 26	2.22
1429065_at	<i>1200009F10Rik</i>	RIKEN cDNA 1200009F10 gene	2.22
1449310_at	<i>Ptger2</i>	prostaglandin E receptor 2 (subtype EP2)	2.22
1416221_at	<i>Fstl1</i>	follistatin-like 1	2.21
1416360_at	<i>Snag1</i>	sorting nexin associated golgi protein 1	2.21
1423677_at	<i>Fkbp9</i>	FK506 binding protein 9	2.21
1451080_at	<i>Usp1</i>	ubiquitin specific peptdiase 1	2.21
1451298_at	<i>Plekhk3</i>	pleckstrin homology domain containing, family H (with MyTH4 domain) member 3	2.21
1421867_at	<i>Nr3c1</i>	nuclear receptor subfamily 3, group C, member 1	2.20
1423675_at	<i>Usp1</i>	ubiquitin specific peptdiase 1	2.20
1452387_a_at	<i>Amotl2</i>	angiominin like 2	2.20
1451469_at	<i>D530005L17Rik</i>	RIKEN cDNA D530005L17 gene	2.19
1429167_at	<i>Ccdc112</i>	coiled-coil domain containing 112	2.19
1424123_at	<i>BC011209</i>	cDNA sequence BC011209	2.19
1417401_at	<i>Rai14</i>	retinoic acid induced 14	2.19
1428789_at	<i>Ralgps2</i>	Ral GEF with PH domain and SH3 binding motif 2	2.19
1453286_at	<i>Plxna2</i>	plexin A2	2.19
1434115_at	---	---	2.19
1434581_at	---	---	2.18
1426448_at	<i>Pja1</i>	praja1, RING-H2 motif containing	2.18
1422047_at	<i>Cdh5</i>	cadherin 5	2.18
1437364_at	<i>Coq3</i>	coenzyme Q3 homolog, methyltransferase (yeast)	2.18
1450468_at	<i>Myoc</i>	myocilin	2.18
1425850_a_at	<i>Nek6</i> /// LOC674247	NIMA (never in mitosis gene a)-related expressed kinase 6 /// similar to NIMA (never in mitosis gene a)-related expressed kinase 6	2.17
1451344_at	<i>Tmem119</i>	transmembrane protein 119	2.17
1436204_at	<i>1110059G02Rik</i>	RIKEN cDNA 1110059G02 gene	2.17
1422912_at	<i>Bmp4</i>	bone morphogenetic protein 4	2.16
1431028_a_at	<i>Pank1</i>	pantothenate kinase 1	2.16
1443782_x_at	<i>Cyp20a1</i>	cytochrome P450, family 20, subfamily A, polypeptide 1	2.16
1418397_at	<i>Zfp275</i>	zinc finger protein 275	2.16
1437284_at	<i>Fzd1</i>	frizzled homolog 1 (Drosophila)	2.15
1424692_at	<i>2810055F11Rik</i>	RIKEN cDNA 2810055F11 gene	2.15
1418296_at	<i>Fxyd5</i>	FXYD domain-containing ion transport regulator 5	2.15
1427912_at	<i>Cbr3</i>	carbonyl reductase 3	2.15
1429447_at	<i>Evc2</i>	Ellis van Creveld syndrome 2 homolog (human)	2.15
1449062_at	<i>Khk</i>	ketohehexokinase	2.15
1421133_at	<i>Pvrl3</i>	poliovirus receptor-related 3	2.15
1452340_at	<i>6820424L24Rik</i>	RIKEN cDNA 6820424L24 gene	2.15

1451411_at	<i>Gprc5b</i>	G protein-coupled receptor, family C, group 5, member B	2.15
1437908_a_at	<i>1200007D18Rik</i>	RIKEN cDNA 1200007D18 gene	2.15
1434424_at	<i>9630055N22Rik</i> /// <i>LOC670389</i>	RIKEN cDNA 9630055N22 gene /// similar to Feline leukemia virus subgroup C receptor-related protein 1 (Feline leukemia virus subgroup C receptor) (hFLVCR)	2.14
1423674_at	<i>Usp1</i>	ubiquitin specific peptdiase 1	2.14
1429514_at	<i>Ppap2b</i>	phosphatidic acid phosphatase type 2B	2.14
1434740_at	<i>Scarf2</i>	scavenger receptor class F, member 2	2.14
1416459_at	<i>Arf2</i>	ADP-ribosylation factor 2	2.14
1431655_a_at	<i>Mulk</i>	multiple substrate lipid kinase	2.14
1450533_a_at	<i>Plagl1</i>	pleiomorphic adenoma gene-like 1	2.14
1418084_at	<i>Nrp1</i>	neuropilin 1	2.13
1429205_at	<i>Mllt3</i>	myeloid/lymphoid or mixed lineage-leukemia translocation to 3 homolog (Drosophila)	2.13
1423104_at	<i>Irs1</i>	insulin receptor substrate 1	2.13
1460303_at	<i>Nr3c1</i>	nuclear receptor subfamily 3, group C, member 1	2.13
1435537_at	<i>Ptprd</i>	protein tyrosine phosphatase, receptor type, D	2.13
1425911_a_at	<i>Fgfr1</i>	fibroblast growth factor receptor 1	2.13
1455177_at	<i>Ahi1</i>	Abelson helper integration site	2.13
1424089_a_at	<i>Tcf4</i>	transcription factor 4	2.12
1455037_at	<i>Plxna2</i>	plexin A2	2.12
1434129_s_at	<i>Lhfp12</i>	lipoma HMGIC fusion partner-like 2	2.12
1452161_at	<i>Tiparp</i>	TCDD-inducible poly(ADP-ribose) polymerase	2.12
1454876_at	<i>Rab23</i>	RAB23, member RAS oncogene family	2.11
1428954_at	<i>Slc9a3r2</i>	solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 2	2.11
1428429_at	<i>Rgmb</i>	RGM domain family, member B	2.11
1433658_x_at	<i>Pcbp4</i>	poly(rC) binding protein 4	2.11
1430539_at	<i>1810057P16Rik</i>	RIKEN cDNA 1810057P16 gene	2.11
1418758_a_at	<i>Pscd3</i>	pleckstrin homology, Sec7 and coiled-coil domains 3	2.11
1429887_at	<i>2310005C01Rik</i>	RIKEN cDNA 2310005C01 gene	2.10
1425934_a_at	<i>B4galt4</i>	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 4	2.10
1426724_at	<i>Cnn3</i>	calponin 3, acidic	2.10
1417756_a_at	<i>Lsp1</i>	lymphocyte specific 1	2.10
1421320_a_at	<i>Qtrtd1</i>	queuine tRNA-ribosyltransferase domain containing 1	2.10
1442166_at	<i>Cpne5</i>	copine V	2.10
1438715_at	<i>Ccdc102a</i>	coiled-coil domain containing 102A	2.10
1417900_a_at	<i>Vldlr</i>	very low density lipoprotein receptor	2.10
1431429_a_at	<i>Arl4a</i>	ADP-ribosylation factor-like 4A	2.10
1416168_at	<i>Serpinf1</i>	serine (or cysteine) peptidase inhibitor, clade F, member 1	2.09
1417235_at	<i>Ehd3</i>	EH-domain containing 3	2.09
1458664_at	---	Transcribed locus	2.09

1428176_at	<i>Edg5</i>	endothelial differentiation, sphingolipid G-protein-coupled receptor, 5	2.09
1422399_a_at	<i>Rab23</i>	RAB23, member RAS oncogene family	2.09
1424582_at	<i>Mulk</i> /// LOC667266 /// LOC672697	multiple substrate lipid kinase /// similar to multi-substrate lipid kinase /// similar to multi-substrate lipid kinase	2.09
1429897_a_at	<i>D16Ert472e</i>	DNA segment, Chr 16, ERATO Doi 472, expressed	2.09
1417090_at	<i>Rcn1</i>	reticulocalbin 1	2.08
1456189_x_at	<i>Ltbp3</i>	latent transforming growth factor beta binding protein 3	2.08
1449216_at	<i>Itgae</i>	integrin, alpha E, epithelial-associated	2.08
1417602_at	<i>Per2</i>	period homolog 2 (Drosophila)	2.08
1425668_a_at	<i>St3gal4</i>	ST3 beta-galactoside alpha-2,3-sialyltransferase 4	2.08
1416782_s_at	<i>Praf2</i>	PRA1 domain family 2	2.08
1460600_at	<i>LOC245350</i>	similar to ubiquitin-conjugating enzyme E2Q (putative) 2	2.08
1426939_at	<i>Tsr2</i>	TSR2, 20S rRNA accumulation, homolog (S. cerevisiae)	2.08
1448298_at	<i>Tnk2</i>	tyrosine kinase, non-receptor, 2	2.07
1440254_at	---	Transcribed locus, weakly similar to XP_417295.1 PREDICTED: similar to TAF3 protein [Gallus gallus]	2.07
1452101_at	<i>Blmh</i>	bleomycin hydrolase	2.07
1453164_a_at	<i>Ptdss2</i>	phosphatidylserine synthase 2	2.07
1431039_at	<i>Otud4</i>	OTU domain containing 4	2.07
1455057_at	<i>Gmps</i>	guanine monophosphate synthetase	2.07
1424399_at	<i>Uck1</i>	uridine-cytidine kinase 1	2.06
1439441_x_at	<i>Lats2</i>	large tumor suppressor 2	2.06
1453061_at	<i>2610018O07Rik</i>	RIKEN cDNA 2610018O07 gene	2.06
1438139_at	<i>Arhgap28</i>	Rho GTPase activating protein 28	2.06
1420336_at	<i>Adamts15</i>	ADAMTS-like 5	2.06
1422510_at	<i>Ctdspl</i>	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like	2.06
1448541_at	<i>Kns2</i>	kinesin 2	2.05
1430164_a_at	<i>Grb10</i>	growth factor receptor bound protein 10	2.05
1418773_at	<i>Fads3</i>	fatty acid desaturase 3	2.05
1418927_a_at	<i>LOC671769</i>	similar to hyaluronic acid binding protein 4	2.04
1452664_a_at	<i>Tm7sf3</i>	transmembrane 7 superfamily member 3	2.04
1427568_a_at	<i>lft80</i>	intraflagellar transport 80 homolog (Chlamydomonas)	2.04
1422115_a_at	<i>Flt3l</i>	FMS-like tyrosine kinase 3 ligand	2.04
1435170_at	<i>Tsr2</i>	TSR2, 20S rRNA accumulation, homolog (S. cerevisiae)	2.04
1428492_at	<i>Glipr2</i>	GLI pathogenesis-related 2	2.03
1419184_a_at	<i>Fhl2</i>	four and a half LIM domains 2	2.03
1453120_at	<i>Txndc13</i>	thioredoxin domain containing 13	2.03
1426195_a_at	<i>Cst3</i>	cystatin C	2.03
1426323_x_at	<i>Siva</i>	Cd27 binding protein (Hindu God of destruction)	2.03

1455826_a_at	<i>Bace1</i>	beta-site APP cleaving enzyme 1	2.03
1457670_s_at	<i>Lmna</i>	lamin A	2.03
1449632_s_at	<i>Fkbp10</i>	FK506 binding protein 10	2.03
1419823_s_at	<i>Ksr1</i>	kinase suppressor of ras 1	2.02
1431146_a_at	<i>Cpne8</i>	copine VIII	2.02
1421977_at	<i>Mmp19</i>	matrix metalloproteinase 19	2.02
1416803_at	<i>Fkbp7</i>	FK506 binding protein 7	2.02
1455249_at	---	10 days neonate skin cDNA, RIKEN full-length enriched library, clone:4732480G12 product:unclassifiable, full insert sequence	2.02
1437598_at	<i>Zbtb20</i>	zinc finger and BTB domain containing 20	2.02
1451830_a_at	<i>Spnb2</i>	spectrin beta 2	2.02
1429233_at		11-Sep septin 11	2.02
1438705_at	<i>AI465270</i>	expressed sequence AI465270	2.02
1437508_at	<i>Sp4</i>	trans-acting transcription factor 4	2.02
1434149_at	<i>Tcf4</i>	transcription factor 4	2.02
1434111_at	<i>Lphn2</i>	latrophilin 2	2.01
1426963_at	<i>Pacs2</i>	phosphofurin acidic cluster sorting protein 2	2.01
1457682_at	<i>9030420J04Rik</i>	RIKEN cDNA 9030420J04 gene	2.01
1451345_at	<i>Mtap</i>	methylthioadenosine phosphorylase	2.01
1435130_at	<i>LOC383103</i>	similar to RIKEN cDNA 1810036I24	2.01
1422431_at	<i>Magee1</i>	melanoma antigen, family E, 1	2.01
1416003_at	<i>Cldn11</i>	claudin 11	2.01
1423816_at	<i>Cxx1b</i>	CAAX box 1 homolog B (human)	2.00
1424968_at	<i>2210023G05Rik</i>	RIKEN cDNA 2210023G05 gene	2.00
1422028_a_at	<i>Ets1</i>	E26 avian leukemia oncogene 1, 5' domain	2.00
1417586_at	<i>Timeless</i>	timeless homolog (Drosophila)	2.00
1426758_s_at	<i>Gtl2</i>	GTL2, imprinted maternally expressed untranslated mRNA	2.00
1427233_at	<i>Tshz1</i>	teashirt zinc finger family member 1	2.00
1423596_at	<i>Nek6</i> /// <i>LOC674247</i>	NIMA (never in mitosis gene a)-related expressed kinase 6 /// similar to NIMA (never in mitosis gene a)-related expressed kinase 6	2.00
1423013_at	<i>Foxf1a</i>	forkhead box F1a	2.00
1423503_at	<i>Jam3</i>	junction adhesion molecule 3	2.00
1423883_at	<i>Acs1</i>	acyl-CoA synthetase long-chain family member 1	2.00
1422221_at	<i>Hand2</i>	heart and neural crest derivatives expressed transcript 2	2.00
1434298_at	<i>Zfmx1b</i>	zinc finger homeobox 1b	2.00
1448835_at	<i>E2f6</i>	E2F transcription factor 6	2.00
1453212_at	<i>Zfp383</i>	zinc finger protein 383	1.99
1434809_at	<i>Arhgap28</i>	Rho GTPase activating protein 28	1.99
1440835_at	<i>Zfp27</i>	zinc finger protein 27	1.99
1434112_at	<i>Lphn2</i>	latrophilin 2	1.99
1426988_at	<i>Klhdc5</i>	kelch domain containing 5	1.98
1416359_at	<i>Snag1</i>	sorting nexin associated golgi protein 1	1.98
1420498_a_at	<i>Dab2</i>	disabled homolog 2 (Drosophila)	1.98
1416203_at	<i>Aqp1</i>	aquaporin 1	1.97
1434848_at	---	Transcribed locus	1.97

1429418_at	<i>Cdc14b</i>	CDC14 cell division cycle 14 homolog B (S. cerevisiae)	1.97
1422638_s_at	<i>Rassf5</i>	Ras association (RalGDS/AF-6) domain family 5	1.97
1421268_at	<i>Ugcg</i>	UDP-glucose ceramide glucosyltransferase	1.97
1424029_at	<i>Tspyl4</i>	TSPY-like 4	1.97
1451753_at	<i>Plxna2</i>	plexin A2	1.97
1453065_at	<i>Aldh5a1</i>	aldehyde dehydrogenase family 5, subfamily A1	1.96
1448607_at	---	---	1.96
1434026_at	<i>Atp8b2</i>	ATPase, class I, type 8B, member 2	1.96
1449590_a_at	<i>Mras</i>	muscle and microspikes RAS	1.96
1417327_at	<i>Cav2</i>	caveolin 2	1.95
1423380_s_at	<i>Nfatc4</i>	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 4	1.95
1452864_at	<i>Med12l</i>	mediator of RNA polymerase II transcription, subunit 12 homolog (yeast)-like	1.95
1424670_s_at	<i>Zfyve21</i>	zinc finger, FYVE domain containing 21	1.95
1429190_at	<i>Arsb</i>	arylsulfatase B	1.95
1449220_at	<i>Gimap3</i>	GTPase, IMAP family member 3	1.95
1422110_at	<i>Hr</i>	hairless	1.95
1454650_at	<i>Trim35</i>	tripartite motif-containing 35	1.95
1437479_x_at	<i>Tbx3</i>	T-box 3	1.95
1441356_at	<i>Shc2</i>	src homology 2 domain-containing transforming protein C2	1.95
1418107_at	<i>Tcea2</i>	transcription elongation factor A (SII), 2	1.95
1453001_at	<i>Dleu8</i>	deleted in lymphocytic leukemia 8	1.94
1459878_a_at	<i>A430107O13Rik</i>	RIKEN cDNA A430107O13 gene	1.94
1426628_at	<i>Tmem34</i>	transmembrane protein 34	1.94
1434725_at	<i>Gramd1c</i>	GRAM domain containing 1C	1.94
1435977_at	<i>Hdgfrp3</i>	hepatoma-derived growth factor, related protein 3	1.94
1426449_a_at	<i>Pja1</i>	praja1, RING-H2 motif containing	1.94
1449141_at	<i>Fblim1</i>	filamin binding LIM protein 1	1.94
1436768_x_at	<i>E130112L23Rik</i> /// <i>LOC671456</i>	RIKEN cDNA E130112L23 gene /// similar to quattro	1.93
1435133_at	<i>Ugcg</i>	UDP-glucose ceramide glucosyltransferase	1.93
1450158_at	<i>Rem1</i>	rad and gem related GTP binding protein 1	1.93
1450062_a_at	<i>Maged1</i>	melanoma antigen, family D, 1	1.93
1455943_at	<i>Zfp451</i>	zinc finger protein 451	1.93
1434436_at	<i>Morc4</i>	microorchidia 4	1.93
1434465_x_at	<i>Vldlr</i>	very low density lipoprotein receptor	1.93
1460718_s_at	<i>Mtch1</i>	mitochondrial carrier homolog 1 (C. elegans)	1.93
1442325_at	<i>Tbc1d24</i>	TBC1 domain family, member 24	1.93
1452958_at	<i>Asphd2</i>	aspartate beta-hydroxylase domain containing 2	1.93
1452770_at	<i>Vkorc1</i>	vitamin K epoxide reductase complex, subunit 1	1.93
1428329_a_at	<i>lft80</i>	intraflagellar transport 80 homolog (Chlamydomonas)	1.93

1422637_at	<i>Rassf5</i>	Ras association (RalGDS/AF-6) domain family 5	1.93
1452020_a_at	<i>Siva</i>	Cd27 binding protein (Hindu God of destruction)	1.93
1429621_at	<i>Cand2</i>	cullin-associated and neddylation-dissociated 2 (putative)	1.93
1455717_s_at	<i>Daam2</i>	dishevelled associated activator of morphogenesis 2	1.92
1433671_at	<i>A130022J15Rik</i>	RIKEN cDNA A130022J15 gene	1.92
1451156_s_at	<i>Vldlr</i>	very low density lipoprotein receptor	1.92
1438666_at	<i>Ldlrad3</i>	low density lipoprotein receptor class A domain containing 3	1.92
1423126_at	<i>Atp1b3</i>	ATPase, Na <sup>+</sup> /K <sup>+</sup> transporting, beta 3 polypeptide	1.92
1425788_a_at	<i>Echdc2</i>	enoyl Coenzyme A hydratase domain containing 2	1.91
1436383_at	<i>Cplx2</i>	complexin 2	1.91
1418109_at	<i>Gspt2</i>	G1 to S phase transition 2	1.91
1428850_x_at	<i>Cd99</i>	CD99 antigen	1.91
1426965_at	<i>Rap2a</i>	RAS related protein 2a	1.91
1428803_at	<i>4632408A20Rik</i>	RIKEN cDNA 4632408A20 gene	1.91
1423689_a_at	<i>Gpsm1</i>	G-protein signalling modulator 1 (AGS3-like, <i>C. elegans</i> )	1.91
1438728_at	<i>Nif3l1</i>	Ngg1 interacting factor 3-like 1 ( <i>S. pombe</i> )	1.91
1425814_a_at	<i>Calclrl</i>	calcitonin receptor-like	1.91
1433642_at	<i>Arl15</i>	ADP-ribosylation factor-like 15	1.91
1427962_at	<i>Ccdc102a</i> /// <i>LOC672218</i>	coiled-coil domain containing 102A /// similar to CG31638-PA	1.90
1421063_s_at	<i>Snrpn</i> /// <i>Snurf</i>	small nuclear ribonucleoprotein N /// SNRPN upstream reading frame	1.90
1422982_at	<i>Ar</i>	androgen receptor	1.90
1457635_s_at	<i>Nr3c1</i>	nuclear receptor subfamily 3, group C, member 1	1.90
1426973_at	<i>Gpr153</i>	G protein-coupled receptor 153	1.90
1450172_at	<i>Pknox1</i>	Pbx/knotted 1 homeobox	1.90
1424634_at	<i>Tceal1</i>	transcription elongation factor A (SII)-like 1	1.90
1423801_a_at	<i>Aprt</i>	adenine phosphoribosyl transferase	1.90
1425822_a_at	<i>Dtx1</i>	deltex 1 homolog ( <i>Drosophila</i> )	1.89
1419212_at	<i>Icosl</i>	icos ligand	1.89
1420851_at	<i>Pard6g</i>	par-6 partitioning defective 6 homolog gamma ( <i>C. elegans</i> )	1.89
1429684_at	<i>5830472M02Rik</i>	RIKEN cDNA 5830472M02 gene	1.89
1452436_at	<i>Loxl2</i>	lysyl oxidase-like 2	1.89
1448823_at	<i>Cxcl12</i>	chemokine (C-X-C motif) ligand 12	1.89
1427226_at	<i>Epn2</i>	epsin 2	1.89
1435960_at	<i>LOC434128</i>	Similar to KIAA1183 protein	1.89
1459873_x_at	<i>Maged2</i>	Melanoma antigen, family D, 2	1.88
1436195_at	<i>BC046404</i>	cDNA sequence BC046404	1.88
1416463_at	<i>Gpiap1</i>	GPI-anchored membrane protein 1	1.88
1426751_s_at	<i>Nup107</i>	nucleoporin 107	1.88
1448943_at	<i>Nrp1</i>	neuropilin 1	1.87



1417230_at	<i>Ralgps2</i>	Ral GEF with PH domain and SH3 binding motif 2	1.87
1421825_at	<i>Bace1</i>	beta-site APP cleaving enzyme 1	1.87
1426517_at	<i>Gnaz</i>	guanine nucleotide binding protein, alpha z subunit	1.87
1416514_a_at	<i>Fscn1</i>	fascin homolog 1, actin bundling protein (Strongylocentrotus purpuratus)	1.87
1454678_s_at	<i>A130022J15Rik</i>	RIKEN cDNA A130022J15 gene	1.87
1433912_at	<i>Tipr1</i>	TIP41, TOR signalling pathway regulator-like (S. cerevisiae)	1.87
1418884_x_at	<i>Tuba1</i>	tubulin, alpha 1	1.86
1417730_at	<i>Ext1</i>	exostoses (multiple) 1	1.86
1444998_at	---	Transcribed locus	1.86
1448944_at	<i>Nrp1</i>	neuropilin 1	1.86
1426453_at	<i>Pitrm1</i>	pitrilysin metallepetidase 1	1.85
1434075_at	<i>BC030336</i>	cDNA sequence BC030336	1.85
1431890_a_at	<i>Mllt3</i>	myeloid/lymphoid or mixed lineage-leukemia translocation to 3 homolog (Drosophila)	1.85
1434376_at	<i>Cd44</i>	CD44 antigen	1.85
1424426_at	<i>Mtap</i>	methylthioadenosine phosphorylase	1.85
1434780_at	<i>C130038G02Rik</i>	RIKEN cDNA C130038G02 gene	1.85
1436937_at	<i>Rbms3</i>	RNA binding motif, single stranded interacting protein	1.85
1434571_at	<i>Vps13b</i> /// LOC666173 /// LOC669978	vacuolar protein sorting 13B (yeast) /// similar to vacuolar protein sorting 13B isoform 4 /// region containing RIKEN cDNA C330002D13 gene; RIKEN cDNA 2310042E16 gene; vacuolar protein sorting 13B (yeast)	1.85
1449443_at	<i>Decr1</i>	2,4-dienoyl CoA reductase 1, mitochondrial	1.85
1435672_at	<i>3830612M24</i>	hypothetical protein 3830612M24	1.85
1424987_at	<i>5430435G22Rik</i>	RIKEN cDNA 5430435G22 gene	1.85
1429714_at	<i>Sumf2</i>	sulfatase modifying factor 2	1.85
1420509_at	<i>Srfbp1</i>	serum response factor binding protein 1	1.85
1424099_at	<i>2310016C16Rik</i>	RIKEN cDNA 2310016C16 gene	1.84
1439014_at	<i>1600021P15Rik</i>	RIKEN cDNA 1600021P15 gene	1.84
1456830_at	<i>Ppp1r2</i>	protein phosphatase 1, regulatory (inhibitor) subunit 2	1.84
1420679_a_at	<i>Aig1</i>	androgen-induced 1	1.84
1440827_x_at	<i>Sox5</i>	SRY-box containing gene 5	1.84
1421891_at	<i>St3gal2</i>	ST3 beta-galactoside alpha-2,3-sialyltransferase 2	1.84
1450417_a_at	<i>Rps20</i> /// LOC245676 /// LOC623568	ribosomal protein S20 /// similar to 40S ribosomal protein S20 /// similar to 40S ribosomal protein S20	1.84
1428955_x_at	<i>Slc9a3r2</i>	solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 2	1.84
1417978_at	<i>Eif4e3</i>	eukaryotic translation initiation factor 4E member 3	1.83
1427289_at	<i>Ddhd1</i>	DDHD domain containing 1	1.83

1417977_at	<i>Eif4e3</i>	eukaryotic translation initiation factor 4E member 3	1.83
1450904_at	<i>Tmem167</i>	transmembrane protein 167	1.83
1420666_at	<i>Doc2b</i>	double C2, beta	1.83
1424015_at	<i>Rab6ip1</i>	Rab6 interacting protein 1	1.83
1428470_at	<i>Exoc2</i>	exocyst complex component 2	1.83
1454934_at	<i>Ppm1f</i>	protein phosphatase 1F (PP2C domain containing)	1.82
1445027_at	<i>Cdr2l</i>	cerebellar degeneration-related protein 2-like	1.82
1454884_at	<i>Btbd4</i>	BTB (POZ) domain containing 4	1.82
1455562_at	<i>Sox12</i>	SRY-box containing gene 12	1.82
1437849_x_at	<i>Armcx2</i>	armadillo repeat containing, X-linked 2	1.82
1437213_at	<i>Nudt21</i>	nudix (nucleoside diphosphate linked moiety X)-type motif 21	1.82
1426680_at	<i>Sepr1</i>	selenoprotein N, 1	1.82
1416868_at	<i>Cdkn2c</i>	cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)	1.81
1453200_at	<i>Rai1</i>	retinoic acid induced 1	1.81
1428881_at	<i>Kns2</i>	kinesin 2	1.81
1437550_at	<i>Dhx36</i>	DEAH (Asp-Glu-Ala-His) box polypeptide 36	1.81
1419255_at	<i>Spnb2</i>	spectrin beta 2	1.81
1455672_s_at	<i>Cplx2</i>	complexin 2	1.81
1419033_at	---	---	1.81
1417612_at	<i>Ier5</i>	immediate early response 5	1.81
1419415_a_at	<i>Rarg</i>	retinoic acid receptor, gamma	1.81
1424872_at	<i>2310001H12Rik</i> /// <i>LOC636362</i> /// <i>LOC666849</i>	RIKEN cDNA 2310001H12 gene /// similar to zinc finger protein 709 /// similar to zinc finger protein 665	1.81
1459888_at	<i>LOC545261</i>	hypothetical protein LOC545261	1.81
1434905_at	<i>BC064011</i>	cDNA sequence BC064011	1.81
1429148_at	<i>Nfic</i>	nuclear factor I/C	1.80
1416209_at	<i>Glud1</i>	glutamate dehydrogenase 1	1.80
1421870_at	<i>Trim44</i>	tripartite motif-containing 44	1.80
1415923_at	<i>Ndn</i>	neccdin	1.80
1428499_at	<i>2810454L23Rik</i>	RIKEN cDNA 2810454L23 gene	1.80
1426483_at	<i>Prkrir</i>	protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, repressor of (P58 repressor)	1.80
1459911_at	<i>Cdr2l</i>	cerebellar degeneration-related protein 2-like	1.80
1434775_at	<i>Pard3</i>	par-3 (partitioning defective 3) homolog (C. elegans)	1.79
1422587_at	<i>Tmem45a</i>	transmembrane protein 45a	1.79
1418098_at	<i>Adcy4</i>	adenylate cyclase 4	1.79
1418967_a_at	<i>St7</i>	Suppression of tumorigenicity 7	1.79
1416865_at	<i>Fgd1</i>	FYVE, RhoGEF and PH domain containing 1	1.79
1455966_s_at	<i>Nudt21</i>	nudix (nucleoside diphosphate linked moiety X)-type motif 21	1.79
1460356_at	<i>Esam1</i>	endothelial cell-specific adhesion molecule	1.79

1441870_s_at	<i>Pkd2</i>	polycystic kidney disease 2	1.79
1427048_at	<i>Smo</i>	smoothened homolog (Drosophila)	1.79
1452347_at	<i>Mef2a</i>	myocyte enhancer factor 2A	1.79
1456859_at	<i>Lnp</i>	limb and neural patterns	1.78
1415852_at	<i>Impdh2</i>	inosine 5'-phosphate dehydrogenase 2	1.78
1436836_x_at	<i>Cnn3</i>	calponin 3, acidic	1.78
1456733_x_at	<i>Serpinh1</i>	serine (or cysteine) peptidase inhibitor, clade H, member 1	1.78
1434703_at	<i>Extl3</i>	exostoses (multiple)-like 3	1.78
1423554_at	<i>Ggcx</i>	gamma-glutamyl carboxylase	1.78
1449410_a_at	<i>Gas5</i>	growth arrest specific 5	1.78
1449921_s_at	<i>Cpne6</i>	copine VI	1.78
1424460_s_at	<i>Aylt2</i>	acyltransferase like 2	1.78
1427103_at	<i>Plekhq1</i>	pleckstrin homology domain containing, family Q member 1	1.77
1422624_at	<i>Rev1l</i>	REV1-like ( <i>S. cerevisiae</i> )	1.77
1418003_at	<i>1190002H23Rik</i>	RIKEN cDNA 1190002H23 gene	1.77
1420944_at	<i>Zfp185</i>	zinc finger protein 185	1.77
1417400_at	<i>Rai14</i>	retinoic acid induced 14	1.77
1456022_at	<i>Hipk2</i>	homeodomain interacting protein kinase 2	1.77
1427232_at	<i>Tshz1</i>	teashirt zinc finger family member 1	1.77
1417166_at	<i>Psip1</i>	PC4 and SFRS1 interacting protein 1	1.77
1439369_x_at	<i>Slc9a3r2</i>	solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 2	1.77
1451346_at	<i>Mtap</i>	methylthioadenosine phosphorylase	1.76
1447567_at	<i>D130007H15Rik</i>	RIKEN cDNA D130007H15 gene	1.76
1434148_at	<i>Tcf4</i>	transcription factor 4	1.76
1419256_at	<i>Spnb2</i>	spectrin beta 2	1.76
1424074_at	<i>Btf3l4</i>	basic transcription factor 3-like 4	1.76
1422541_at	<i>Ptprm</i>	protein tyrosine phosphatase, receptor type, M	1.76
1419379_x_at	<i>Fxyd2</i>	FXYD domain-containing ion transport regulator 2	1.76
1424772_at	<i>H2afj</i> /// LOC632401	H2A histone family, member J /// similar to H2A histone family, member J isoform 2	1.76
1426887_at	<i>Nudt11</i>	nudix (nucleoside diphosphate linked moiety X)-type motif 11	1.76
1415774_at	<i>Statip1</i>	signal transducer and activator of transcription interacting protein 1	1.76
1456723_at	<i>Prr14</i>	Proline rich 14	1.76
1448432_at	<i>Plcd1</i>	phospholipase C, delta 1	1.76
1430516_at	<i>4930428B01Rik</i>	RIKEN cDNA 4930428B01 gene	1.76
1418446_at	<i>Slc16a2</i>	solute carrier family 16 (monocarboxylic acid transporters), member 2	1.76
1434961_at	<i>Asb1</i>	ankyrin repeat and SOCS box-containing protein 1	1.76
1425080_at	<i>Zfp286</i>	zinc finger protein 286	1.76
1431602_a_at	<i>Ugcgl2</i>	UDP-glucose ceramide glucosyltransferase-like 2	1.76
1448259_at	<i>Fstl1</i>	follistatin-like 1	1.76
1427006_at	<i>Rapgef1</i>	Rap guanine nucleotide exchange factor (GEF) 1	1.76

1447804_x_at	<i>BC031781</i>	CDNA sequence BC031781	1.76
1416723_at	<i>Tcf4</i>	transcription factor 4	1.76
1440999_at	<i>Zfp697</i>	zinc finger protein 697	1.75
1419207_at	<i>Zfp37</i>	zinc finger protein 37	1.75
1423745_at	<i>1110031B06Rik</i>	RIKEN cDNA 1110031B06 gene	1.75
1435260_at	---	---	1.75
1449351_s_at	<i>Pdgfc</i>	platelet-derived growth factor, C polypeptide	1.75
1454878_at	<i>2310047C04Rik</i>	RIKEN cDNA 2310047C04 gene	1.75
1436830_at	<i>Marveld1</i>	MARVEL (membrane-associating) domain containing 1	1.75
1435301_at	<i>1110004E09Rik</i>	RIKEN cDNA 1110004E09 gene	1.75
1428401_at	<i>Zcchc3</i>	zinc finger, CCHC domain containing 3	1.75
1435505_at	<i>Dmwd</i>	dystrophia myotonica-containing WD repeat motif	1.74
1454732_at	<i>Mtap1s</i>	microtubule-associated protein 1S	1.74
1431832_x_at	<i>Exosc10</i>	exosome component 10	1.74
1433883_at	<i>Tpm4</i>	tropomyosin 4	1.74
1453128_at	<i>Xlkd1</i>	extra cellular link domain-containing 1	1.74
1420638_at	<i>Prps2</i>	phosphoribosyl pyrophosphate synthetase 2	1.74
1419123_a_at	<i>Pdgfc</i>	platelet-derived growth factor, C polypeptide	1.74
1417879_at	<i>Nenf</i>	neuron derived neurotrophic factor	1.73
1460210_at	<i>Pkd1</i>	polycystic kidney disease 1 homolog	1.73
1426235_a_at	<i>Glul</i>	glutamate-ammonia ligase (glutamine synthetase)	1.73
1426297_at	<i>Tcf2a</i>	transcription factor E2a	1.73
1421986_at	<i>Eif4e2</i>	eukaryotic translation initiation factor 4E member 2	1.73
1434469_at	<i>Otud4</i>	OTU domain containing 4	1.73
1451604_a_at	<i>Acvr11</i>	activin A receptor, type II-like 1	1.73
1460553_at	<i>1700025K23Rik</i>	RIKEN cDNA 1700025K23 gene	1.72
1443881_at	<i>Pofut1</i>	protein O-fucosyltransferase 1	1.72
1423297_at	<i>Add3</i>	adducin 3 (gamma)	1.72
1435092_at	<i>Arl4a</i>	ADP-ribosylation factor-like 4A	1.72
1433694_at	<i>Pde3b</i>	phosphodiesterase 3B, cGMP-inhibited	1.72
1437480_at	---	---	1.72
1437212_at	<i>B230312118Rik</i>	RIKEN cDNA B230312118 gene	1.72
1428457_at	<i>5830472M02Rik</i>	RIKEN cDNA 5830472M02 gene	1.71
1436161_at	<i>Aprin</i>	androgen-induced proliferation inhibitor	1.71
1416724_x_at	<i>Tcf4</i>	transcription factor 4	1.71
1422680_at	<i>Ctr9</i>	Ctr9, Paf1/RNA polymerase II complex component, homolog ( <i>S. cerevisiae</i> )	1.71
1451476_at	<i>Zdhhc8</i>	zinc finger, DHHC domain containing 8	1.71
1454628_at	<i>A930037G23Rik</i>	RIKEN cDNA A930037G23 gene	1.71
1455315_at	<i>Trp53i13</i>	tumor protein p53 inducible protein 13	1.71
1422449_s_at	<i>Rcn2</i>	reticulocalbin 2	1.71
1454021_a_at	<i>Exosc10</i>	exosome component 10	1.71
1436234_at	<i>4732471D19Rik</i>	RIKEN cDNA 4732471D19 gene	1.71
1428098_a_at	<i>Tm7sf3</i>	transmembrane 7 superfamily member 3	1.71
1425913_a_at	<i>2810022L02Rik</i>	RIKEN cDNA 2810022L02 gene	1.71

1439808_at	<i>A130090K04Rik</i>	RIKEN cDNA A130090K04 gene	1.71
1438861_at	<i>Bnc2</i>	basonuclin 2	1.70
1415790_at	<i>Ublcp1</i>	ubiquitin-like domain containing CTD phosphatase 1	1.70
1429192_at	<i>Ski</i>	Sloan-Kettering viral oncogene homolog	1.70
1454729_at	<i>Tmem108</i>	transmembrane protein 108	1.70
1419265_at	<i>1200014M14Rik</i>	RIKEN cDNA 1200014M14 gene	1.70
1436978_at	<i>Wnt9a</i>	wingless-type MMTV integration site 9A	1.70
1435299_at	<i>C230069N13</i>	hypothetical protein C230069N13	1.70
1437785_at	<i>Adamts9</i>	a disintegrin-like and metallopeptidase (reprolysin type) with thrombospondin type 1 motif, 9	1.70
1428325_at	<i>2610019P18Rik</i>	RIKEN cDNA 2610019P18 gene	1.70
1427985_at	<i>9630042H07Rik</i>	RIKEN cDNA 9630042H07 gene	1.70
1427486_at	<i>Ptprb</i>	protein tyrosine phosphatase, receptor type, B	1.70
1429027_at	<i>0610007N19Rik</i>	RIKEN cDNA 0610007N19 gene	1.70
1460403_at	<i>Psip1</i>	PC4 and SFRS1 interacting protein 1	1.70
1424183_at	<i>Acat1</i>	acetyl-Coenzyme A acetyltransferase 1	1.70
1422245_a_at	<i>Mrv1</i>	MRV integration site 1	1.69
1449283_a_at	<i>Mapk12</i>	mitogen-activated protein kinase 12	1.69
1456721_at	<i>Gm837</i>	gene model 837, (NCBI)	1.69
1434515_at	<i>Ncoa1</i>	nuclear receptor coactivator 1	1.69
1424533_a_at	<i>3110023B02Rik</i>	RIKEN cDNA 3110023B02 gene	1.69
1418049_at	<i>Ltbp3</i>	latent transforming growth factor beta binding protein 3	1.69
1456739_x_at	<i>Armxc2</i>	armadillo repeat containing, X-linked 2	1.69
1443920_at	<i>Ccdc66</i>	coiled-coil domain containing 66	1.69
1435157_at	<i>5830454D03Rik</i>	RIKEN cDNA 5830454D03 gene	1.69
1429760_at	<i>Rps6ka6</i>	ribosomal protein S6 kinase polypeptide 6	1.69
1426492_at	<i>Tdp1</i>	tyrosyl-DNA phosphodiesterase 1	1.69
1428875_at	<i>Golph4</i>	golgi phosphoprotein 4	1.68
1420859_at	<i>Pkia</i>	protein kinase inhibitor, alpha	1.68
1449298_a_at	<i>Pde1a</i>	phosphodiesterase 1A, calmodulin-dependent	1.68
1438693_at	<i>Tmem110</i>	transmembrane protein 110	1.68
1438556_a_at	<i>Tmod3</i>	tropomodulin 3	1.68
1434643_at	<i>Tbl1x</i>	transducin (beta)-like 1 X-linked	1.68
1435457_at	<i>Pdzd4</i>	PDZ domain containing 4	1.68
1434468_at	<i>Otud4</i>	OTU domain containing 4	1.68
1434348_at	<i>Fez2</i>	fasciculation and elongation protein zeta 2 (zygin II)	1.68
1457094_at	<i>She</i>	src homology 2 domain-containing transforming protein E	1.67
1450420_at	<i>Stag1</i>	stromal antigen 1	1.67
1439481_at	<i>Ipo9</i>	importin 9	1.67
1428797_at	<i>0610039J04Rik</i>	RIKEN cDNA 0610039J04 gene	1.67
1416755_at	<i>Dnajb1</i>	DnaJ (Hsp40) homolog, subfamily B, member 1	1.67
1454726_s_at	<i>AW456874</i>	expressed sequence AW456874	1.67
1428016_a_at	<i>Rasip1</i>	Ras interacting protein 1	1.67
1455409_at	<i>Spire1</i>	spire homolog 1 (Drosophila)	1.67

1452628_at	<i>Bag5</i>	BCL2-associated athanogene 5	1.67
1451540_at	<i>Mpi1</i>	mannose phosphate isomerase 1	1.67
1436957_at	<i>Gabra3</i>	Gamma-aminobutyric acid (GABA-A) receptor, subunit alpha 3	1.67
1431424_at	<i>2810055G20Rik</i>	RIKEN cDNA 2810055G20 gene	1.67
1437511_x_at	<i>Clcc1</i>	chloride channel CLIC-like 1	1.67
1421500_at	<i>Sts</i>	steroid sulfatase	1.67
1455303_at	---	---	1.67
1451277_at	<i>Zadh2</i>	zinc binding alcohol dehydrogenase, domain containing 2	1.67
1421354_at	<i>Prkg2</i>	protein kinase, cGMP-dependent, type II	1.67
1418926_at	<i>Zfx1a</i>	zinc finger homeobox 1a	1.67
1452604_at	<i>Stard13</i>	serologically defined colon cancer antigen 13	1.67
1455945_at	<i>A530094I17Rik</i>	RIKEN cDNA A530094I17 gene	1.66
1434857_at	<i>A230106D06Rik</i>	RIKEN cDNA A230106D06 gene	1.66
1420388_at	<i>Prss12</i>	protease, serine, 12 neurotrypsin (motopsin)	1.66
1458202_at	<i>6330500D04Rik</i>	RIKEN cDNA 6330500D04 gene	1.66
1460443_at	<i>Brms1l</i>	breast cancer metastasis-suppressor 1-like	1.66
1421129_a_at	<i>Atp2a3</i>	ATPase, Ca <sup>++</sup> transporting, ubiquitous	1.66
1424633_at	<i>Camk1g</i>	calcium/calmodulin-dependent protein kinase I gamma	1.66
1428287_at	<i>Cul5</i>	cullin 5	1.66
1428339_at	<i>Nudt21</i>	nudix (nucleoside diphosphate linked moiety X)-type motif 21	1.66
1423311_s_at	<i>Tpbp</i>	trophoblast glycoprotein	1.66
1415911_at	<i>Impact</i>	imprinted and ancient	1.66
1435242_at	<i>Aprin</i>	androgen-induced proliferation inhibitor	1.66
1433973_at	<i>Sephs1</i>	selenophosphate synthetase 1	1.66
1425472_a_at	<i>Lmna</i>	lamin A	1.66
1455795_at	<i>Sart2</i>	squamous cell carcinoma antigen recognized by T cells 2	1.66
1451010_at	<i>Nol11</i>	nucleolar protein 11	1.65
1425458_a_at	<i>Grb10</i>	growth factor receptor bound protein 10	1.65
1434563_at	<i>Rps6kc1</i>	ribosomal protein S6 kinase polypeptide 1	1.65
1456597_at	<i>Heatr3</i>	HEAT repeat containing 3	1.65
1421892_at	---	---	1.65
1429491_s_at	<i>Rif1</i> /// <i>LOC671598</i>	Rap1 interacting factor 1 homolog (yeast) /// similar to Telomere-associated protein RIF1 (Rap1-interacting factor 1 homolog) (mRif1)	1.65
1437449_at	<i>Rsad1</i>	radical S-adenosyl methionine domain containing 1	1.65
1416536_at	<i>Mum1</i>	melanoma associated antigen (mutated) 1	1.65
1429368_at	<i>Lrig3</i>	leucine-rich repeats and immunoglobulin-like domains 3	1.65
1452464_a_at	<i>Metap1l</i>	methionine aminopeptidase-like 1	1.65
1460215_at	<i>Rpo1-4</i>	RNA polymerase 1-4	1.65
1433644_at	<i>Pomt2</i>	protein-O-mannosyltransferase 2	1.64
1416009_at	<i>Tspan3</i>	tetraspanin 3	1.64

1450647_at	<i>Hps3</i>	Hermansky-Pudlak syndrome 3 homolog (human)	1.64
1447475_at	<i>Gm967</i>	gene model 967, (NCBI)	1.64
1424761_at	<i>BC011487</i>	cDNA sequence BC011487	1.64
1426625_at	<i>Zfp623</i>	zinc finger protein 623	1.64
1418041_at	<i>4432406C05Rik</i>	RIKEN cDNA 4432406C05 gene	1.64
1428744_s_at	<i>Bri3bp</i>	Bri3 binding protein	1.64
1460550_at	<i>Mtmr11</i>	myotubularin related protein 11	1.64
1452030_a_at	<i>Hnrpr</i>	heterogeneous nuclear ribonucleoprotein R	1.64
1460549_a_at	<i>Cdc23</i>	CDC23 (cell division cycle 23, yeast, homolog)	1.64
1453622_s_at	<i>Mllt3</i>	myeloid/lymphoid or mixed lineage-leukemia translocation to 3 homolog (Drosophila)	1.64
1440187_at	<i>Taf3</i>	TAF3 RNA polymerase II, TATA box binding protein (TBP)-associated factor	1.64
1415789_a_at	<i>Ublcp1 /// LOC665689</i>	ubiquitin-like domain containing CTD phosphatase 1 /// similar to ubiquitin-like domain containing CTD phosphatase 1	1.64
1434232_a_at	<i>2610030H06Rik</i>	RIKEN cDNA 2610030H06 gene	1.64
1425366_a_at	<i>Hus1</i>	Hus1 homolog (S. pombe)	1.64
1417399_at	<i>Gas6</i>	growth arrest specific 6	1.63
1448029_at	<i>Tbx3</i>	T-box 3	1.63
1419521_at	<i>Zfp94</i>	zinc finger protein 94	1.63
1438790_x_at	<i>Tmem41b</i>	transmembrane protein 41B	1.63
1457440_at	<i>Sstr4</i>	somatostatin receptor 4	1.63
1419291_x_at	<i>Gas5</i>	growth arrest specific 5	1.63
1419573_a_at	<i>Lgals1</i>	lectin, galactose binding, soluble 1	1.63
1434960_at	<i>Taf9b</i>	TAF9B RNA polymerase II, TATA box binding protein (TBP)-associated factor	1.63
1422792_at	<i>Pafah1b2</i>	platelet-activating factor acetylhydrolase, isoform 1b, alpha2 subunit	1.63
1424284_at	<i>Pomt1</i>	protein-O-mannosyltransferase 1	1.63
1426363_x_at	<i>H2afy2</i>	H2A histone family, member Y2	1.63
1426373_at	<i>Ski</i>	Sloan-Kettering viral oncogene homolog	1.63
1424006_at	<i>Aarsd1</i>	alanyl-tRNA synthetase domain containing 1	1.63
1433915_s_at	<i>Epn2</i>	epsin 2	1.63
1451703_s_at	---	---	1.63
1455757_at	<i>D3Erttd254e</i>	DNA segment, Chr 3, ERATO Doi 254, expressed	1.62
1435187_at	<i>Tomm20</i>	Translocase of outer mitochondrial membrane 20 homolog (yeast)	1.62
1456763_at	<i>AA536749</i>	expressed sequence AA536749	1.62
1428512_at	<i>Bhlhb9</i>	basic helix-loop-helix domain containing, class B9	1.62
1418840_at	<i>Pdcd4 /// LOC670861</i>	programmed cell death 4 /// similar to programmed cell death 4	1.62
1452166_a_at	<i>Krt10</i>	keratin 10	1.62
1455722_at	---	---	1.62
1418664_at	<i>Mpdz</i>	multiple PDZ domain protein	1.62
1457265_at	<i>B230333C21Rik</i>	RIKEN cDNA B230333C21 gene	1.62

1453183_at	<i>1110034A24Rik</i>	RIKEN cDNA 1110034A24 gene	1.62
1451545_at	<i>Tdrd3</i>	tudor domain containing 3	1.62
1456098_a_at	<i>Elmo2</i>	engulfment and cell motility 2, ced-12 homolog (C. elegans)	1.62
1452850_s_at	<i>Brms1l</i>	breast cancer metastasis-suppressor 1-like	1.62
1416767_a_at	<i>1110003E01Rik</i>	RIKEN cDNA 1110003E01 gene	1.62
1440466_at	<i>BC003965</i>	cDNA sequence BC003965	1.62
1418843_at	<i>Slc30a4</i>	solute carrier family 30 (zinc transporter), member 4	1.62
1432511_s_at	<i>Cep27</i>	centrosomal protein 27	1.62
1449144_at	<i>Gna11</i>	guanine nucleotide binding protein, alpha 11	1.61
1451130_at	<i>2010315L10Rik</i>	RIKEN cDNA 2010315L10 gene	1.61
1424470_a_at	<i>Rapgef3</i>	Rap guanine nucleotide exchange factor (GEF) 3	1.61
1418156_at	<i>Kcne4</i>	potassium voltage-gated channel, Isk-related subfamily, gene 4	1.61
1416116_at	<i>Orc3l</i>	origin recognition complex, subunit 3-like (S. cerevisiae)	1.61
1421814_at	<i>Msn</i>	moesin	1.61
1420856_a_at	<i>Lancl2</i>	LanC (bacterial lantibiotic synthetase component C)-like 2	1.61
1424413_at	<i>Ogfrl1</i>	opioid growth factor receptor-like 1	1.61
1442756_at	<i>Lnk</i>	Linker of T-cell receptor pathways	1.61
1435360_at	<i>Zfp651</i>	zinc finger protein 651	1.61
1455547_at	<i>Zc3h7b</i>	zinc finger CCCH type containing 7B	1.61
1433647_s_at	<i>Rhobtb3</i>	Rho-related BTB domain containing 3	1.61
1431646_a_at	<i>Stx6</i>	syntaxin 6	1.61
1422440_at	<i>Cdk4</i> /// <i>LOC640611</i>	cyclin-dependent kinase 4 /// similar to Cell division protein kinase 4 (Cyclin-dependent kinase 4) (PSK-J3) (CRK3)	1.60
1435649_at	<i>Nexn</i>	nexilin	1.60
1431804_a_at	<i>Sp3</i>	trans-acting transcription factor 3	1.60
1436984_at	<i>Abi2</i>	abl-interactor 2	1.60
1421193_a_at	<i>Pbx3</i>	pre B-cell leukemia transcription factor 3	1.60
1438382_x_at	<i>2010005J08Rik</i>	RIKEN cDNA 2010005J08 gene	1.60
1434554_at	<i>Trim37</i>	tripartite motif protein 37	1.60
1435120_at	---	Transcribed locus	1.60
1434444_s_at	---	---	1.60
1455439_a_at	<i>Lgals1</i>	lectin, galactose binding, soluble 1	1.60
1454843_at	<i>Prps2</i>	phosphoribosyl pyrophosphate synthetase 2	1.60
1452045_at	<i>Zfp281</i>	zinc finger protein 281	1.60
1452837_at	<i>Lpin2</i>	lipin 2	1.60
1433499_at	<i>2010005J08Rik</i>	RIKEN cDNA 2010005J08 gene	1.59
1428351_at	<i>Ppm1m</i>	protein phosphatase 1M	1.59
1425983_x_at	<i>Hipk2</i>	homeodomain interacting protein kinase 2	1.59
1452083_a_at	<i>Pja1</i>	praja1, RING-H2 motif containing	1.59
1417342_at	<i>Ppp1r2</i>	protein phosphatase 1, regulatory (inhibitor) subunit 2	1.59
1450757_at	<i>Cdh11</i>	cadherin 11	1.59



1431704_a_at	<i>Ralgps2</i>	Ral GEF with PH domain and SH3 binding motif 2	1.59
1448119_at	<i>Bpgm</i>	2,3-bisphosphoglycerate mutase	1.59
1460227_at	<i>Timp1</i>	tissue inhibitor of metalloproteinase 1	1.59
1454767_at	<i>D2Bwg1423e</i>	DNA segment, Chr 2, Brigham & Women's Genetics 1423 expressed	1.59
1426510_at	<i>Sccpdh</i>	saccharopine dehydrogenase (putative)	1.59
1431016_at	<i>Cwf19I1</i>	CWF19-like 1, cell cycle control ( <i>S. pombe</i> )	1.58
1434255_at	<i>Pacs2</i>	phosphofurin acidic cluster sorting protein 2	1.58
1455210_at	<i>Zhx2</i>	zinc fingers and homeoboxes protein 2	1.58
1424412_at	<i>Ogfrl1</i>	opioid growth factor receptor-like 1	1.58
1426280_at	<i>AV249152</i>	expressed sequence AV249152	1.58
1452867_at	<i>Col4a3bp</i>	procollagen, type IV, alpha 3 (Goodpasture antigen) binding protein	1.58
1426024_a_at	<i>Dbn1</i>	drebrin 1	1.58
1451177_at	<i>Dnajb4</i>	DnaJ (Hsp40) homolog, subfamily B, member 4	1.58
1455218_at	<i>6330503K22Rik</i>	RIKEN cDNA 6330503K22 gene	1.58
1428529_at	<i>2810026P18Rik</i>	RIKEN cDNA 2810026P18 gene	1.58
1433779_at	<i>Casc4</i>	cancer susceptibility candidate 4	1.58
1427169_at	<i>Als2cr19</i>	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 19 (human)	1.58
1451570_a_at	<i>6720467C03Rik</i>	RIKEN cDNA 6720467C03 gene	1.57
1415919_at	<i>Npdc1</i>	neural proliferation, differentiation and control gene 1	1.57
1428441_at	<i>1500009M05Rik</i>	RIKEN cDNA 1500009M05 gene	1.57
1424863_a_at	<i>Hipk2</i>	homeodomain interacting protein kinase 2	1.57
1442982_at	<i>Ccdc66</i>	coiled-coil domain containing 66	1.57
1426160_a_at	<i>Stk16</i>	serine/threonine kinase 16	1.57
1437023_at	<i>Zfp12</i>	zinc finger protein 12	1.57
1452992_at	<i>LOC668450 /// LOC672690 /// LOC675848</i>	similar to cell division cycle 26 /// similar to cell division cycle 26 /// similar to cell division cycle 26	1.57
1417107_at	<i>Tpd52l2</i>	tumor protein D52-like 2	1.57
1429508_at	<i>2310057M21Rik</i>	RIKEN cDNA 2310057M21 gene	1.57
1459665_s_at	<i>Mrv1</i>	MRV integration site 1	1.57
1435320_at	<i>Ctdspl2</i>	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase like 2	1.57
1427049_s_at	<i>Smo</i>	smoothened homolog ( <i>Drosophila</i> )	1.57
1455611_at	<i>Pias1</i>	protein inhibitor of activated STAT 1	1.57
1416181_at	<i>Mesdc2</i>	mesoderm development candidate 2	1.57
1416469_at	<i>Luzp1</i>	leucine zipper protein 1	1.57
1434233_at	<i>2610030H06Rik</i>	RIKEN cDNA 2610030H06 gene	1.56
1428122_s_at	<i>2610528K11Rik</i>	RIKEN cDNA 2610528K11 gene	1.56
1425186_at	<i>Lmbrd1</i>	LMBR1 domain containing 1	1.56
1422477_at	<i>Cables1 /// LOC635753</i>	Cdk5 and Abl enzyme substrate 1 /// similar to Cdk5 and Abl enzyme substrate 1	1.56
1447975_a_at	<i>LOC545261</i>	hypothetical protein LOC545261	1.56

1423592_at	<i>Rock2</i>	Rho-associated coiled-coil containing protein kinase 2	1.56
1435087_at	<i>BC039093</i>	cDNA sequence BC039093	1.56
1456067_at	<i>Gli3</i>	GLI-Kruppel family member GLI3	1.56
1417605_s_at	<i>Camk1</i> /// <i>LOC669267</i>	calcium/calmodulin-dependent protein kinase I /// similar to calcium/calmodulin-dependent protein kinase I	1.56
1451037_at	<i>Ptpn9</i>	protein tyrosine phosphatase, non-receptor type 9	1.56
1448993_at	<i>Atg3</i>	autophagy-related 3 (yeast)	1.56
1417663_a_at	<i>Ndrq3</i>	N-myc downstream regulated gene 3	1.56
1449069_at	<i>Zfp148</i>	zinc finger protein 148	1.56
1451493_at	<i>Ndfip1</i>	Nedd4 family interacting protein 1	1.56
1421305_x_at	<i>Rabep1</i>	rabaptin, RAB GTPase binding effector protein 1	1.56
1455778_at	<i>Zfp192</i>	zinc finger protein 192	1.56
1455159_at	<i>2900057D21Rik</i>	RIKEN cDNA 2900057D21 gene	1.56
1429451_at	<i>2610301B20Rik</i>	RIKEN cDNA 2610301B20 gene	1.56
1420441_at	<i>Cenpc1</i>	centromere protein C1	1.56
1451167_at	<i>Ccdc101</i>	coiled-coil domain containing 101	1.55
1459997_s_at	<i>Tmem17</i>	transmembrane protein 17	1.55
1436070_at	<i>Glo1</i>	glyoxalase 1	1.55
1417570_at	<i>Anapc1</i>	anaphase promoting complex subunit 1	1.55
1450981_at	<i>Cnn2</i>	calponin 2	1.55
1454968_at	<i>1110034A24Rik</i>	RIKEN cDNA 1110034A24 gene	1.55
1429219_at	<i>1200009F10Rik</i>	RIKEN cDNA 1200009F10 gene	1.55
1416323_at	<i>Kctd20</i>	potassium channel tetramerisation domain containing 20	1.55
1432249_a_at	<i>Ercc8</i>	excision repair/ross-complementing rodent repair deficiency, complementation group 8	1.55
1434299_x_at	<i>Rabl4</i>	RAB, member of RAS oncogene family-like 4	1.55
1428801_at	<i>Mgat3</i>	mannoside acetylglucosaminyltransferase 3	1.55
1435527_at	<i>Nfic</i>	nuclear factor I/C	1.55
1452303_at	<i>Arhgef10</i>	Rho guanine nucleotide exchange factor (GEF) 10	1.55
1449068_at	<i>Zfp148</i>	zinc finger protein 148	1.55
1445649_x_at	<i>Zfp142</i>	zinc finger protein 142	1.55
1452895_at	<i>Fbxo45</i>	F-box protein 45	1.55
1428280_at	<i>Fip111</i>	FIP1 like 1 ( <i>S. cerevisiae</i> )	1.55
1424394_at	<i>Selm</i>	selenoprotein M	1.55
1443890_at	---	Transcribed locus	1.55
1415794_a_at	<i>Spin</i>	spindlin	1.55
1428827_at	<i>Whsc1</i>	Wolf-Hirschhorn syndrome candidate 1 (human)	1.55
1452327_at	<i>Iqsec1</i>	IQ motif and Sec7 domain 1	1.54
1438063_at	<i>Mphosph9</i>	M-phase phosphoprotein 9	1.54
1434924_at	<i>Phf2</i>	PHD finger protein 2	1.54
1451468_s_at	<i>Xpo5</i>	exportin 5	1.54
1415788_at	<i>Ublcp1</i>	ubiquitin-like domain containing CTD phosphatase 1	1.54

1429622_at	<i>Cand2</i>	cullin-associated and neddylation-dissociated 2 (putative)	1.54
1422488_at	<i>Nxt1</i>	NTF2-related export protein 1	1.54
1429558_a_at	<i>Larp7</i>	La ribonucleoprotein domain family, member 7	1.54
1449353_at	<i>Zmat3</i>	zinc finger matrin type 3	1.54
1443204_at	<i>Rbms3</i>	RNA binding motif, single stranded interacting protein	1.53
1453881_x_at	<i>Cetn1</i>	centrin 1	1.53
1437639_at	<i>3321401G04Rik</i>	RIKEN cDNA 3321401G04 gene	1.53
1447995_x_at	<i>1700026B20Rik</i>	RIKEN cDNA 1700026B20 gene	1.53
1429044_at	<i>Camsap111</i>	calmodulin regulated spectrin-associated protein 1-like 1	1.53
1454635_at	<i>Fbxl3</i>	F-box and leucine-rich repeat protein 3	1.53
1423298_at	<i>Add3</i>	adducin 3 (gamma)	1.53
1418501_a_at	<i>Oxr1</i>	oxidation resistance 1	1.53
1428726_at	<i>Thumpd2</i>	THUMP domain containing 2	1.53
1447624_s_at	<i>Stox2</i>	storkhead box 2	1.53
1419273_at	<i>C80913</i>	expressed sequence C80913	1.52
1423536_at	<i>Strn3</i>	striatin, calmodulin binding protein 3	1.52
1437853_x_at	<i>Ndn</i>	necdin	1.52
1418802_at	<i>R74862</i>	expressed sequence R74862	1.52
1455268_at	<i>Zcsl2</i>	zinc finger, CSL domain containing 2	1.52
1417731_at	<i>Pqbp1</i>	polyglutamine binding protein 1	1.52
1460082_at	<i>Ing3</i>	inhibitor of growth family, member 3	1.52
1435158_at	<i>Rbm12b</i>	RNA binding motif protein 12B	1.52
1422502_at	<i>Parp1</i>	poly (ADP-ribose) polymerase family, member 1	1.52
1426482_at	<i>Prkrir</i>	protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, repressor of (P58 repressor)	1.52
1441645_s_at	<i>Ipo9</i>	importin 9	1.52
1436824_x_at	<i>Rnf26</i> /// LOC668155 /// LOC669536	ring finger protein 26 /// similar to ring finger protein 26 /// similar to ring finger protein 26	1.52
1456782_at	<i>Tada1l</i>	transcriptional adaptor 1 (HF11 homolog, yeast) like	1.52
1435322_at	<i>1110011C06Rik</i>	RIKEN cDNA 1110011C06 gene	1.52
1436596_at	<i>H2afv</i>	H2A histone family, member V	1.52
1424876_s_at	<i>Spg20</i>	spastic paraplegia 20, spartin (Troyer syndrome) homolog (human)	1.52
1428561_at	<i>2610002J23Rik</i>	RIKEN cDNA 2610002J23 gene	1.52
1454792_s_at	<i>Sephs1</i>	selenophosphate synthetase 1	1.52
1420890_at	<i>Hccs</i>	holocytochrome c synthetase	1.52
1448324_at	<i>Rnps1</i>	ribonucleic acid binding protein S1	1.52
1460699_at	<i>Rps27</i>	ribosomal protein S27	1.52
1429021_at	<i>Epha4</i>	Eph receptor A4	1.52
1436354_at	<i>Dzip1l</i>	DAZ interacting protein 1-like	1.51
1452615_s_at	<i>Trpt1</i>	tRNA phosphotransferase 1	1.51
1452923_at	<i>Ndufa12l</i>	Ndufa12-like	1.51
1452813_a_at	<i>5033428A16Rik</i>	RIKEN cDNA 5033428A16 gene	1.51
1454791_a_at	<i>Rbbp4</i>	retinoblastoma binding protein 4	1.51

1416675_s_at	<i>Plcd1</i>	phospholipase C, delta 1	1.51
1436511_at	<i>BC031781</i>	cDNA sequence BC031781	1.51
1448240_at	<i>Mbtps1</i>	membrane-bound transcription factor peptidase, site 1	1.51
1418285_at	<i>Efnb1</i>	ephrin B1	1.51
1422094_a_at	<i>Zfp329</i>	zinc finger protein 329	1.51
1451587_a_at	<i>Tipr1</i>	TIP41, TOR signalling pathway regulator-like ( <i>S. cerevisiae</i> )	1.51
1448398_s_at	<i>Rpl22</i>	ribosomal protein L22	1.51
1448684_at	<i>Ppp1r2</i>	protein phosphatase 1, regulatory (inhibitor) subunit 2	1.51
1423493_a_at	<i>Nfix</i>	nuclear factor I/X	1.51
1429458_at	<i>2410127L17Rik</i> /// <i>LOC626107</i> /// <i>LOC666456</i> /// <i>LOC677519</i> /// <i>LOC677553</i>	RIKEN cDNA 2410127L17 gene /// similar to RIKEN cDNA 2410127L17 /// similar to CG11596-PA, isoform A /// similar to CG11596-PA, isoform A /// similar to RIKEN cDNA 2410127L17 gene	1.51
1453035_at	<i>Lnp</i>	limb and neural patterns	1.51
1436360_at	<i>Hkr2</i>	GLI-Kruppel family member HKR2	1.51
1453689_at	<i>Fance</i>	Fanconi anemia, complementation group E	1.51
1417512_at	<i>Evi5</i>	ecotropic viral integration site 5	1.51
1425299_s_at	<i>0610038D11Rik</i> /// <i>LOC623390</i> /// <i>LOC627985</i> /// <i>LOC631562</i> /// <i>LOC665860</i>	RIKEN cDNA 0610038D11 gene /// similar to UPF0315 protein /// similar to UPF0315 protein /// similar to UPF0315 protein /// similar to UPF0315 protein	1.51
1416158_at	<i>Nr2f2</i>	nuclear receptor subfamily 2, group F, member 2	1.51
1451413_at	<i>Cast</i>	calpastatin	1.51
1416575_at	<i>Cdc45l</i>	cell division cycle 45 homolog ( <i>S. cerevisiae</i> )- like	1.50
1460626_at	<i>11-Sep</i>	septin 11	1.50
1457106_at	<i>Thada</i>	thyroid adenoma associated	1.50
1453993_a_at	<i>Bnip2</i>	BCL2/adenovirus E1B interacting protein 1, NIP2	1.50
1460342_s_at	<i>AA536749</i>	expressed sequence AA536749	1.50
1428620_at	<i>Ensa</i>	endosulfine alpha	1.50

**Franco et al., Supplemental Table S3. Genes Decreased Upon Smo Activation.**

Probe Set	Gene Symbol	Gene Title	Fold Change
1455423_at	<i>Ndg1</i> /// <i>LOC623189</i>	Nur77 downstream gene 1 /// similar to chromosome 6 open reading frame 148	-32.76
1417785_at	<i>Pla1a</i>	phospholipase A1 member A	-19.60
1424600_at	<i>Abp1</i>	amiloride binding protein 1 (amine oxidase, copper-containing)	-16.97
1448397_at	<i>Gjb6</i>	gap junction membrane channel protein beta 6	-16.70
1417231_at	<i>Cldn2</i>	claudin 2	-15.97
1455802_x_at	<i>Agr2</i>	anterior gradient 2 ( <i>Xenopus laevis</i> )	-15.27
1448998_at	<i>Lpo</i>	lactoperoxidase	-13.78
1449269_at	<i>F5</i>	coagulation factor V	-13.20
1418907_at	---	---	-11.98
1417232_at	<i>Cldn2</i>	claudin 2	-11.31
1419615_at	<i>Trpv6</i>	transient receptor potential cation channel, subfamily V, member 6	-10.95
1420521_at	<i>Papln</i>	papilin, proteoglycan-like sulfated glycoprotein	-10.74
1451597_at	<i>Tmprss11d</i>	transmembrane protease, serine 11d	-10.63
1419268_at	<i>Agr2</i>	anterior gradient 2 ( <i>Xenopus laevis</i> )	-10.26
1451394_at	<i>Dpp6</i>	dipeptidylpeptidase 6	-10.20
1419699_at	<i>Scgb3a1</i>	secretoglobin, family 3A, member 1	-9.91
1423436_at	<i>Gsta3</i>	glutathione S-transferase, alpha 3	-9.74
1419139_at	<i>Gdf5</i>	growth differentiation factor 5	-9.72
1451916_s_at	<i>Trim15</i>	tripartite motif protein 15	-9.68
1418037_at	<i>C4bp</i>	complement component 4 binding protein	-9.61
1429285_at	<i>Serpina9</i>	serine (or cysteine) peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 9	-9.21
1455451_at	<i>AI449310</i>	expressed sequence AI449310	-9.04
1418648_at	<i>Egln3</i>	EGL nine homolog 3 ( <i>C. elegans</i> )	-9.03
1418649_at	<i>Egln3</i>	EGL nine homolog 3 ( <i>C. elegans</i> )	-8.86
1426634_at	<i>Slc5a9</i>	solute carrier family 5 (sodium/glucose cotransporter), member 9	-8.74
1439661_at	<i>Slc16a14</i>	solute carrier family 16 (monocarboxylic acid transporters), member 14	-8.43
1426284_at	<i>Krt20</i>	keratin 20	-8.43
1447762_x_at	<i>Car12</i>	carbonic anhydrase 12	-8.39
1417333_at	<i>Rasa4</i>	RAS p21 protein activator 4	-8.13
1438573_at	<i>Rmi1</i>	RMI1, RecQ mediated genome instability 1, homolog ( <i>S. cerevisiae</i> )	-8.12
1439494_at	<i>Slc5a9</i>	solute carrier family 5 (sodium/glucose cotransporter), member 9	-8.10
1455393_at	---	---	-7.36
1454647_at	<i>Acad11</i>	acyl-Coenzyme A dehydrogenase family, member 11	-7.14
1418945_at	<i>Mmp3</i>	matrix metalloproteinase 3	-6.97
1430629_at	<i>Slc16a14</i>	solute carrier family 16 (monocarboxylic acid transporters), member 14	-6.87
1458871_at	<i>Tmprss11e</i>	transmembrane protease, serine 11e	-6.86
1455645_at	<i>8030451F13Rik</i>	RIKEN cDNA 8030451F13 gene	-6.75

1455577_at	<i>Ccl28</i>	Chemokine (C-C motif) ligand 28	-6.71
1456718_at	<i>Tmem56</i>	transmembrane protein 56	-6.71
1448898_at	<i>Ccl9</i>	chemokine (C-C motif) ligand 9	-6.67
1428485_at	<i>Car12</i>	carbonic anhydrase 12	-6.57
1449279_at	<i>Gpx2</i>	glutathione peroxidase 2	-6.55
1436021_at	<i>A930031D07Rik</i>	RIKEN cDNA A930031D07 gene	-6.51
1455531_at	<i>A930031D07Rik</i>	RIKEN cDNA A930031D07 gene	-6.43
1446951_at	---	---	-6.24
1451608_a_at	<i>Tspan33</i>	tetraspanin 33	-6.22
1448929_at	<i>F13a1</i>	coagulation factor XIII, A1 subunit	-6.15
1437631_at	<i>Kcni4</i>	Kv channel interacting protein 4	-6.15
1415832_at	<i>Agtr2</i>	angiotensin II receptor, type 2	-6.11
1455561_at	<i>Cndp1</i>	carnosine dipeptidase 1 (metallopeptidase M20 family)	-5.83
1417290_at	<i>Lrg1</i>	leucine-rich alpha-2-glycoprotein 1	-5.82
1450291_s_at	<i>Ms4a4c</i>	membrane-spanning 4-domains, subfamily A, member 4C	-5.81
1417266_at	<i>Ccl6</i>	chemokine (C-C motif) ligand 6	-5.81
1449005_at	<i>Slc16a3</i>	solute carrier family 16 (monocarboxylic acid transporters), member 3	-5.80
1453352_at	<i>9030605H24Rik</i>	RIKEN cDNA 9030605H24 gene	-5.80
1419195_at	<i>Wfdc15</i>	WAP four-disulfide core domain 15	-5.79
1425731_at	<i>Ankrd24</i>	ankyrin repeat domain 24	-5.73
1460259_s_at	<i>Clca1 /// Clca2</i>	chloride channel calcium activated 1 /// chloride channel calcium activated 2	-5.70
1418476_at	<i>Crlf1</i>	cytokine receptor-like factor 1	-5.69
1460125_at	<i>2610301F02Rik</i>	RIKEN cDNA 2610301F02 gene	-5.69
1424794_at	<i>Rnf186</i>	ring finger protein 186	-5.68
1457429_s_at	<i>Gm106</i>	gene model 106, (NCBI)	-5.68
1427013_at	<i>Car9</i>	carbonic anhydrase 9	-5.61
1426561_a_at	<i>Npnt</i>	nephronectin	-5.50
1436538_at	<i>Ankrd37</i>	ankyrin repeat domain 37	-5.49
1417494_a_at	<i>Cp</i>	ceruloplasmin	-5.47
1460632_at	---	---	-5.39
1417495_x_at	<i>Cp</i>	ceruloplasmin	-5.38
1425400_a_at	<i>Cited4</i>	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 4	-5.33
1448734_at	<i>Cp</i>	ceruloplasmin	-5.29
1459299_at	<i>Myo3b</i>	myosin IIIB	-5.26
1436450_at	<i>D11Bwg0517e</i>	DNA segment, Chr 11, Brigham & Women's Genetics 0517 expressed	-5.23
1422833_at	<i>Foxa2</i>	forkhead box A2	-5.20
1448601_s_at	<i>Msx1</i>	homeo box, msh-like 1	-5.17
1435239_at	<i>Gria1</i>	glutamate receptor, ionotropic, AMPA1 (alpha 1)	-5.16
1452279_at	<i>Cfp</i>	complement factor properdin	-5.12
1456978_s_at	<i>D19Ert652e</i>	DNA segment, Chr 19, ERATO Doi 652, expressed	-5.09
1426968_a_at	<i>Rdh10</i>	retinol dehydrogenase 10 (all-trans)	-5.07
1448972_at	<i>Gria1</i>	glutamate receptor, ionotropic, AMPA1 (alpha 1)	-5.00



1439045_x_at	<i>Mtac2d1</i>	membrane targeting (tandem) C2 domain containing 1	-4.41
1455452_x_at	<i>AI449310</i>	expressed sequence AI449310	-4.40
1455856_at	---	---	-4.39
1419323_at	<i>Padi1</i>	peptidyl arginine deiminase, type I	-4.39
1453009_at	<i>Cpm</i>	carboxypeptidase M	-4.36
1451139_at	<i>Slc39a4</i>	solute carrier family 39 (zinc transporter), member 4	-4.33
1447227_at	<i>Slc40a1</i>	Solute carrier family 40 (iron-regulated transporter), member 1	-4.30
1436532_at	<i>Dcamk13</i>	doublecortin and CaM kinase-like 3	-4.28
1451375_at	<i>Ehf</i>	ets homologous factor	-4.28
1420352_at	<i>Prss22</i>	protease, serine, 22	-4.23
1426144_x_at	<i>Trdn</i>	triadin	-4.21
1425157_x_at	<i>Tspan33</i>	tetraspanin 33	-4.19
1440847_at	<i>Mtss1</i>	metastasis suppressor 1	-4.18
1455241_at	<i>BC037703</i>	cDNA sequence BC037703	-4.18
1448728_a_at	<i>Nfkbiz</i>	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta	-4.17
1427851_x_at	<i>Igh-VJ558</i>	immunoglobulin heavy chain (J558 family)	-4.12
1419029_at	<i>Ero1l</i>	ERO1-like (S. cerevisiae)	-4.11
1439428_x_at	<i>Gmgs</i>	GDP-mannose 4, 6-dehydratase	-4.11
1428977_at	<i>Chst8</i>	carbohydrate (N-acetylgalactosamine 4-0) sulfotransferase 8	-4.09
1439396_x_at	<i>Gpd1</i>	glycerol-3-phosphate dehydrogenase 1 (soluble)	-4.09
1437397_at	<i>Prlr</i>	prolactin receptor	-4.07
1417896_at	<i>Tjp3</i>	tight junction protein 3	-4.07
1420499_at	<i>Gch1</i>	GTP cyclohydrolase 1	-4.02
1441375_at	<i>Lrig1</i>	Leucine-rich repeats and immunoglobulin-like domains 1	-4.01
1443933_at	<i>Mtac2d1</i>	membrane targeting (tandem) C2 domain containing 1	-4.00
1449049_at	<i>Tlr1</i>	toll-like receptor 1	-3.99
1457032_at	<i>Ak5</i>	adenylate kinase 5	-3.97
1436237_at	<i>Ttc9</i>	tetratricopeptide repeat domain 9	-3.95
1418976_s_at	<i>Cideb</i>	cell death-inducing DNA fragmentation factor, alpha subunit-like effector B	-3.94
1455679_at	<i>5830411E10Rik</i>	RIKEN cDNA 5830411E10 gene	-3.85
1417852_x_at	<i>Clca1</i>	chloride channel calcium activated 1	-3.85
1452107_s_at	<i>Npnt</i>	Nephronectin	-3.84
1451838_a_at	<i>Mtac2d1</i>	membrane targeting (tandem) C2 domain containing 1	-3.84
1452106_at	<i>Npnt</i>	nephronectin	-3.82
1435945_a_at	<i>Kcnn4</i>	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4	-3.78
1456795_at	<i>D330027G24Rik</i>	RIKEN cDNA D330027G24 gene	-3.78
1438800_at	<i>Nagk</i>	N-acetylglucosamine kinase	-3.78
1449639_at	<i>0610040J01Rik</i>	RIKEN cDNA 0610040J01 gene	-3.76
1417520_at	<i>Nfe2l3</i>	nuclear factor, erythroid derived 2, like 3	-3.74



1452426_x_at	<i>Zfp236</i>	Zinc finger protein 236 /// CDNA clone IMAGE:4009820	-3.74
1439528_at	<i>4833423E24Rik</i>	RIKEN cDNA 4833423E24 gene	-3.71
1418645_at	<i>Hal</i> /// <i>LOC638196</i>	histidine ammonia lyase /// similar to Histidine ammonia-lyase (Histidase)	-3.70
1453480_at	<i>D630002J15Rik</i>	RIKEN cDNA D630002J15 gene	-3.69
1458070_at	<i>Vtcn1</i>	V-set domain containing T cell activation inhibitor 1	-3.69
1419605_at	<i>Mgl1</i>	macrophage galactose N-acetyl-galactosamine specific lectin 1	-3.68
1444487_at	<i>Lrat</i>	lecithin-retinol acyltransferase (phosphatidylcholine-retinol-O-acyltransferase)	-3.68
1425784_a_at	<i>Olfr1</i>	olfactomedin 1	-3.68
1455649_at	<i>Ttc9</i>	tetratricopeptide repeat domain 9	-3.65
1435050_at	<i>D10Bwg1379e</i>	DNA segment, Chr 10, Brigham & Women's Genetics 1379 expressed	-3.65
1419332_at	<i>Egfl6</i>	EGF-like-domain, multiple 6	-3.64
1426633_s_at	<i>Kctd14</i>	potassium channel tetramerisation domain containing 14	-3.64
1449199_at	<i>Muc1</i>	mucin 1, transmembrane	-3.63
1436124_at	<i>Pcyt1b</i>	phosphate cytidylyltransferase 1, choline, beta isoform	-3.62
1423747_a_at	<i>Pdk1</i>	pyruvate dehydrogenase kinase, isoenzyme 1	-3.61
1430135_at	<i>Dnase2a</i>	deoxyribonuclease II alpha	-3.61
1417089_a_at	<i>Ckmt1</i>	creatine kinase, mitochondrial 1, ubiquitous	-3.60
1440779_s_at	<i>Slc5a9</i>	solute carrier family 5 (sodium/glucose cotransporter), member 9	-3.60
1439732_at	---	16 days neonate cerebellum cDNA, RIKEN full-length enriched library, clone:9630041I08 product:unclassifiable, full insert sequence	-3.59
1430211_at	<i>4930415O20Rik</i>	RIKEN cDNA 4930415O20 gene	-3.59
1424404_at	<i>0610040J01Rik</i>	RIKEN cDNA 0610040J01 gene	-3.59
1436821_at	<i>Plcx3</i>	phosphatidylinositol-specific phospholipase C, X domain containing 3	-3.58
1437506_at	---	---	-3.58
1421401_at	<i>Kcnmb1</i>	Potassium large conductance calcium-activated channel, subfamily M, beta member 1	-3.56
1426601_at	<i>Slc37a1</i>	solute carrier family 37 (glycerol-3-phosphate transporter), member 1	-3.56
1426147_s_at	<i>Cldn10</i>	claudin 10	-3.56
1439858_at	---	12 days embryo spinal ganglion cDNA, RIKEN full-length enriched library, clone:D130031D15 product:unclassifiable, full insert sequence	-3.55
1452367_at	<i>Coro2a</i>	coronin, actin binding protein 2A	-3.54
1419074_at	<i>2510006C20Rik</i>	RIKEN cDNA 2510006C20 gene	-3.53
1451786_at	<i>Muc20</i>	mucin 20	-3.52

1451609_at	<i>Tspan33</i>	tetraspanin 33	-3.52
1455796_x_at	<i>Olfm1</i>	olfactomedin 1	-3.52
1435308_at	<i>Fut9</i>	fucosyltransferase 9	-3.51
1448871_at	<i>Mapk13</i>	mitogen activated protein kinase 13	-3.50
1419030_at	<i>Ero1l</i>	ERO1-like ( <i>S. cerevisiae</i> )	-3.50
1439948_at	<i>BC046401</i>	cDNA sequence BC046401	-3.49
1416596_at	<i>Slc44a4</i>	solute carrier family 44, member 4	-3.49
1454799_at	<i>A230097K15Rik</i>	RIKEN cDNA A230097K15 gene	-3.47
1417600_at	<i>Slc15a2</i>	solute carrier family 15 (H+/peptide transporter), member 2	-3.47
1448556_at	<i>Prlr</i>	prolactin receptor	-3.47
1417155_at	<i>Mycn</i>	v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian)	-3.46
1450131_a_at	<i>Bspry</i>	B-box and SPRY domain containing	-3.46
1427095_at	<i>Cdcp1</i>	CUB domain containing protein 1	-3.44
1449324_at	<i>Ero1l</i>	ERO1-like ( <i>S. cerevisiae</i> )	-3.44
1453614_a_at	<i>Nfe2l3</i>	nuclear factor, erythroid derived 2, like 3	-3.43
1448227_at	<i>Grb7</i>	growth factor receptor bound protein 7	-3.43
1418283_at	<i>Cldn4</i>	claudin 4	-3.42
1438498_at	<i>Zmynd15</i>	zinc finger, MYND-type containing 15	-3.42
1429272_a_at	<i>9130022K13Rik</i> /// <i>2210421G13Rik</i> /// /// <i>LOC193676</i> /// <i>LOC666661</i> /// <i>LOC672691</i>	RIKEN cDNA 9130022K13 gene /// RIKEN cDNA 2210421G13 gene /// hypothetical protein LOC193676 /// similar to apolipoprotein L, 3 (predicted) /// similar to apolipoprotein L, 3 (predicted)	-3.40
1418472_at	<i>Aspa</i>	aspartoacylase (aminoacylase) 2	-3.40
1429527_a_at	<i>Plscr1</i> /// <i>LOC433328</i> /// <i>LOC677340</i>	phospholipid scramblase 1 /// hypothetical LOC433328 /// hypothetical protein LOC677340	-3.40
1452213_at	<i>Tex2</i>	testis expressed gene 2	-3.39
1447979_at	<i>Rutbc2</i>	RUN and TBC1 domain containing 2	-3.39
1459688_at	---	Transcribed locus	-3.37
1434606_at	<i>ErbB3</i>	v-erb-b2 erythroblastic leukemia viral oncogene homolog 3 (avian)	-3.36
1422831_at	<i>Fbn2</i> /// <i>LOC639042</i>	fibrillin 2 /// similar to fibrillin 2	-3.35
1437766_at	---	Transcribed locus	-3.34
1428676_at	<i>Tmprss6</i>	transmembrane serine protease 6	-3.33
1417127_at	<i>Msx1</i>	homeo box, msh-like 1	-3.33
1419456_at	<i>Dcxr</i>	dicarbonyl L-xylulose reductase	-3.32
1425669_at	<i>Mobk12b</i>	MOB1, Mps One Binder kinase activator-like 2B (yeast)	-3.32
1452298_a_at	<i>Myo5b</i>	myosin Vb	-3.32
1427521_a_at	<i>9930023K05Rik</i>	RIKEN cDNA 9930023K05 gene	-3.32
1455186_a_at	<i>1190003J15Rik</i>	RIKEN cDNA 1190003J15 gene	-3.31
1420579_s_at	<i>Cftr</i>	cystic fibrosis transmembrane conductance regulator homolog	-3.30
1425109_at	<i>Slc44a3</i>	solute carrier family 44, member 3	-3.29
1420712_a_at	<i>Hpn</i>	hepsin	-3.29
1452826_s_at	<i>Fbx20</i>	F-box and leucine-rich repeat protein 20	-3.29
1450699_at	<i>Selenbp1</i>	selenium binding protein 1	-3.29

1458347_s_at	<i>Tmprss2</i>	transmembrane protease, serine 2	-3.28
1431076_at	<i>Add2</i>	adducin 2 (beta)	-3.28
1457138_x_at	<i>Optc</i>	Opticin	-3.28
1437523_s_at	<i>Sgcg</i>	sarcoglycan, gamma (dystrophin-associated glycoprotein)	-3.28
1460406_at	<i>AI427122</i>	expressed sequence AI427122	-3.28
1429692_s_at	<i>Gch1</i>	GTP cyclohydrolase 1	-3.27
1437306_at	<i>C130092O11Rik</i>	RIKEN cDNA C130092O11 gene	-3.27
1445132_at	<i>Rnpep</i>	Arginyl aminopeptidase (aminopeptidase B)	-3.27
1431786_s_at	<i>1190003J15Rik</i>	RIKEN cDNA 1190003J15 gene	-3.26
1439476_at	<i>Dsg2</i>	desmoglein 2	-3.25
1437846_x_at	<i>Bace2</i>	beta-site APP-cleaving enzyme 2	-3.24
1421400_at	<i>Kcnmb1</i>	potassium large conductance calcium-activated channel, subfamily M, beta member 1	-3.23
1453326_at	<i>3300001A09Rik</i> /// <i>LOC244911</i>	RIKEN cDNA 3300001A09 gene /// similar to 3300001A09Rik protein	-3.23
1453355_at	<i>Wnk2</i>	WNK lysine deficient protein kinase 2	-3.23
1421525_a_at	<i>Birc1e</i>	baculoviral IAP repeat-containing 1e	-3.23
1438645_x_at	<i>Bace2</i>	beta-site APP-cleaving enzyme 2	-3.22
1434830_at	<i>Mxd1</i>	MAX dimerization protein 1	-3.22
1460273_a_at	<i>Birc1b</i>	baculoviral IAP repeat-containing 1b	-3.21
1423271_at	<i>Gjb2</i>	gap junction membrane channel protein beta 2	-3.20
1448289_at	<i>Crmp1</i>	collapsin response mediator protein 1	-3.20
1451331_at	<i>Ppp1r1b</i>	protein phosphatase 1, regulatory (inhibitor) subunit 1B	-3.19
1423284_at	<i>Mansc1</i>	MANSC domain containing 1	-3.17
1449314_at	<i>Zfpm2</i>	zinc finger protein, multitype 2	-3.17
1439560_x_at	<i>LOC432995</i>	hypothetical gene supported by BC047216	-3.17
1442078_at	<i>Ctdspl2</i>	CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase like 2	-3.17
1434382_at	<i>Serinc2</i>	serine incorporator 2	-3.16
1457157_at	<i>Plch1</i>	phospholipase C, eta 1	-3.16
1427149_at	<i>Plekha6</i>	pleckstrin homology domain containing, family A member 6	-3.15
1448690_at	<i>Kcnk1</i>	potassium channel, subfamily K, member 1	-3.15
1438712_at	<i>Dennd2d</i>	DENN/MADD domain containing 2D	-3.14
1429184_at	<i>Gvin1</i>	GTPase, very large interferon inducible 1	-3.13
1454830_at	<i>Fbn2</i>	fibrillin 2	-3.13
1452703_at	<i>4631427C17Rik</i>	RIKEN cDNA 4631427C17 gene	-3.13
1447604_at	<i>BC053393</i>	cDNA sequence BC053393	-3.12
1422677_at	<i>Dgat2</i>	diacylglycerol O-acyltransferase 2	-3.12
1433683_at	<i>Rbm35b</i>	RNA binding motif protein 35b	-3.12
1437085_at	<i>D630039A03Rik</i>	RIKEN cDNA D630039A03 gene	-3.11
1445501_at	---	12 days embryo spinal cord cDNA, RIKEN full-length enriched library, clone:C530045D16 product:unclassifiable, full insert sequence	-3.10

1438021_at	<i>BC013481</i>	cDNA sequence BC013481	-3.09
1420578_at	<i>Opc</i>	opticin	-3.09
1460570_at	<i>Pgbd5</i>	piggyBac transposable element derived 5	-3.08
1443827_x_at	<i>BC004044</i>	cDNA sequence BC004044	-3.08
1424409_at	<i>Cldn23</i>	claudin 23	-3.08
1438745_at	<i>LOC666945</i>	hypothetical protein LOC666945	-3.07
1447621_s_at	<i>2610307O08Rik</i>	RIKEN cDNA 2610307O08 gene	-3.07
1451318_a_at	<i>Lyn</i> /// <i>LOC676654</i>	Yamaguchi sarcoma viral (v-yes-1) oncogene homolog /// similar to Yamaguchi sarcoma viral (v-yes-1) oncogene homolog	-3.07
1426873_s_at	<i>Jup</i>	junction plakoglobin	-3.07
1418671_at	<i>Capn5</i>	calpain 5	-3.06
1447774_x_at	<i>5730469M10Rik</i>	RIKEN cDNA 5730469M10 gene	-3.06
1433063_at	<i>Wdr66</i>	WD repeat domain 66	-3.06
1427009_at	<i>Lama5</i> /// <i>LOC671909</i>	laminin, alpha 5 /// similar to Laminin alpha-5 chain precursor	-3.05
1419350_at	<i>Hook2</i>	hook homolog 2 (Drosophila)	-3.04
1422699_at	<i>Alox12</i>	arachidonate 12-lipoxygenase	-3.04
1447807_s_at	<i>Plekhh1</i>	pleckstrin homology domain containing, family H (with MyTH4 domain) member 1	-3.03
1444238_at	---	7 days neonate cerebellum cDNA, RIKEN full-length enriched library, clone:A730093O14 product:unclassifiable, full insert sequence	-3.02
1427512_a_at	<i>Lama3</i> /// <i>LOC669814</i>	laminin, alpha 3 /// similar to Laminin alpha-3 chain precursor (Nicein alpha subunit)	-3.02
1415698_at	<i>Golph2</i>	golgi phosphoprotein 2	-3.01
1454809_at	<i>Ncoa7</i>	nuclear receptor coactivator 7	-3.01
1434158_at	<i>Gmgs</i>	GDP-mannose 4, 6-dehydratase	-3.01
1439260_a_at	<i>Enpp3</i>	ectonucleotide pyrophosphatase/phosphodiesterase 3	-3.00
1450217_at	<i>Ccl28</i>	chemokine (C-C motif) ligand 28	-3.00
1425598_a_at	<i>LOC676654</i>	similar to Yamaguchi sarcoma viral (v-yes-1) oncogene homolog	-3.00
1453794_at	<i>Fer1l4</i>	fer-1-like 4 (C. elegans)	-2.99
1419154_at	<i>Tmprss2</i>	transmembrane protease, serine 2	-2.98
1438756_at	<i>Ankrd29</i>	ankyrin repeat domain 29	-2.97
1439748_at	<i>Dpp6</i>	dipeptidylpeptidase 6	-2.97
1451261_s_at	<i>AW049765</i>	expressed sequence AW049765	-2.97
1440200_at	<i>9630031F12Rik</i>	RIKEN cDNA 9630031F12 gene	-2.97
1449740_s_at	<i>Dsg2</i>	desmoglein 2	-2.97
1416673_at	<i>Bace2</i>	beta-site APP-cleaving enzyme 2	-2.97
1427178_at	<i>Tmc4</i>	transmembrane channel-like gene family 4	-2.96
1421947_at	<i>Gng12</i>	guanine nucleotide binding protein (G protein), gamma 12	-2.96
1455896_a_at	<i>Kcnk1</i>	potassium channel, subfamily K, member 1	-2.96

1444524_at	---	Activated spleen cDNA, RIKEN full-length enriched library, clone:F830206P12 product:hypothetical Cytochrome c heme-binding site containing protein, full insert sequence	-2.96
1455803_at	<i>Slco4a1</i>	solute carrier organic anion transporter family, member 4a1	-2.96
1453264_at	<i>Marveld3</i>	MARVEL (membrane-associating) domain containing 3	-2.95
1420378_at	<i>Sftpd</i>	surfactant associated protein D	-2.95
1422823_at	<i>Eps8</i>	epidermal growth factor receptor pathway substrate 8	-2.95
1450731_s_at	<i>Tnfrsf21</i>	tumor necrosis factor receptor superfamily, member 21	-2.95
1427357_at	<i>Cda</i>	cytidine deaminase	-2.94
1452257_at	<i>Bdh1</i>	3-hydroxybutyrate dehydrogenase, type 1	-2.94
1427164_at	<i>Il13ra1</i>	interleukin 13 receptor, alpha 1	-2.93
1427878_at	<i>0610010012Rik</i>	RIKEN cDNA 0610010012 gene	-2.93
1417580_s_at	<i>Selenbp1</i>	selenium binding protein 1	-2.93
1417812_a_at	<i>Lamb3</i>	laminin, beta 3	-2.92
1419314_at	<i>Tinag</i>	tubulointerstitial nephritis antigen	-2.91
1426300_at	<i>Alcam</i>	activated leukocyte cell adhesion molecule	-2.91
1419510_at	<i>Es22</i>	esterase 22	-2.91
1418207_at	<i>Fxyd4</i>	FXD domain-containing ion transport regulator 4	-2.90
1458591_at	<i>Rasef</i>	RAS and EF hand domain containing	-2.90
1417738_at	<i>Rab25</i>	RAB25, member RAS oncogene family	-2.89
1435389_at	<i>Reps2</i>	RALBP1 associated Eps domain containing protein 2	-2.86
1416916_at	<i>Elf3</i>	E74-like factor 3	-2.86
1453282_at	<i>Cxadr</i>	coxsackievirus and adenovirus receptor	-2.86
1428574_a_at	<i>Chn2</i>	chimerin (chimaerin) 2	-2.85
1441679_at	<i>Cacna1c</i>	Calcium channel, voltage-dependent, L type, alpha 1C subunit	-2.85
1426664_x_at	<i>Slc45a3</i>	solute carrier family 45, member 3	-2.85
1423748_at	<i>Pdk1</i>	pyruvate dehydrogenase kinase, isoenzyme 1	-2.85
1452232_at	<i>Galnt7</i>	UDP-N-acetyl-alpha-D-galactosamine: polypeptide N-acetylgalactosaminyltransferase 7	-2.83
1419603_at	<i>LOC672547</i>	similar to Interferon-activatable protein 204 (Ifi-204) (Interferon-inducible protein p204)	-2.83
1434530_at	<i>Odz4</i>	odd Oz/ten-m homolog 4 (Drosophila)	-2.83
1418243_at	<i>Fcna</i>	ficolin A	-2.83
1438232_at	<i>Foxp2</i>	forkhead box P2	-2.82
1457648_x_at	<i>BC004044</i>	cDNA sequence BC004044	-2.82
1443579_s_at	<i>Depdc6</i>	DEP domain containing 6	-2.82
1448249_at	<i>Gpd1</i>	glycerol-3-phosphate dehydrogenase 1 (soluble)	-2.82
1447264_at	<i>Rab11fip1</i>	RAB11 family interacting protein 1 (class I)	-2.82
1417577_at	<i>Trpc3</i>	transient receptor potential cation channel, subfamily C, member 3	-2.82

1435836_at	<i>Pdk1</i>	pyruvate dehydrogenase kinase, isoenzyme 1	-2.81
1449160_at	<i>Npr1</i>	natriuretic peptide receptor 1	-2.81
1421118_a_at	<i>Gpr56</i>	G protein-coupled receptor 56	-2.81
1434851_s_at	<i>Crb3</i>	crumbs homolog 3 (Drosophila)	-2.81
1426441_at	<i>Slc11a2</i>	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2	-2.80
1432377_x_at	<i>Shroom3</i>	shroom family member 3	-2.80
1447870_x_at	<i>1110002E22Rik</i>	RIKEN cDNA 1110002E22 gene	-2.80
1456481_at	<i>D9Erd280e</i>	DNA segment, Chr 9, ERATO Doi 280, expressed	-2.79
1454783_at	<i>Il13ra1</i>	interleukin 13 receptor, alpha 1	-2.79
1419024_at	<i>Ptp4a1</i>	protein tyrosine phosphatase 4a1	-2.79
1428671_at	<i>2200002D01Rik</i>	RIKEN cDNA 2200002D01 gene	-2.78
1458140_at	<i>Slit2</i>	slit homolog 2 (Drosophila)	-2.78
1416225_at	<i>Adh1</i>	alcohol dehydrogenase 1 (class I)	-2.78
1416689_at	<i>Tuft1</i>	tuftelin 1	-2.78
1418076_at	<i>St14</i>	suppression of tumorigenicity 14 (colon carcinoma)	-2.78
1431829_a_at	<i>Rgl3</i>	ral guanine nucleotide dissociation stimulator-like 3	-2.78
1419571_at	<i>Slc28a3</i>	solute carrier family 28 (sodium-coupled nucleoside transporter), member 3	-2.77
1437486_at	<i>Gprc5a</i>	G protein-coupled receptor, family C, group 5, member A	-2.77
1418086_at	<i>Ppp1r14a</i>	protein phosphatase 1, regulatory (inhibitor) subunit 14A	-2.77
1458648_at	<i>AU042950</i>	expressed sequence AU042950	-2.77
1420832_at	<i>Qscn6</i>	quiescin Q6	-2.76
1435053_s_at	<i>Plekhh1</i>	pleckstrin homology domain containing, family H (with MyTH4 domain) member 1	-2.76
1434151_at	<i>Mettl7a</i>	methyltransferase like 7A	-2.76
1418415_at	<i>Hoxb5</i>	homeo box B5	-2.76
1444119_at	<i>B930006L02Rik</i>	RIKEN cDNA B930006L02 gene	-2.76
1427605_at	<i>Hoxb3</i>	homeo box B3	-2.75
1424268_at	<i>Smox</i>	spermine oxidase	-2.75
1443814_x_at	<i>Ctsh</i>	cathepsin H	-2.75
1435155_at	<i>Cgn</i>	cingulin	-2.74
1416832_at	<i>Slc39a8</i>	solute carrier family 39 (metal ion transporter), member 8	-2.74
1418818_at	<i>Aqp5</i>	aquaporin 5	-2.74
1429863_at	<i>Lonrf3</i>	LON peptidase N-terminal domain and ring finger 3	-2.73
1433485_x_at	<i>Gpr56</i>	G protein-coupled receptor 56	-2.73
1425715_at	<i>Il1f8</i>	interleukin 1 family, member 8	-2.73
1427165_at	<i>Il13ra1</i>	interleukin 13 receptor, alpha 1	-2.72
1444409_at	<i>Kbtbd8</i>	Kelch repeat and BTB (POZ) domain containing 8	-2.72
1452626_a_at	<i>1810014F10Rik</i>	RIKEN cDNA 1810014F10 gene	-2.72
1419474_a_at	<i>Ehf</i>	ets homologous factor	-2.71
1422708_at	<i>Pik3cg</i>	phosphoinositide-3-kinase, catalytic, gamma polypeptide	-2.71

1418216_at	<i>Ggta1</i>	gamma-glutamyltransferase-like activity 1	-2.71
1448873_at	<i>Ocln</i>	occludin	-2.70
1433184_at	<i>6720477C19Rik</i>	RIKEN cDNA 6720477C19 gene	-2.70
1437219_at	<i>Igf1r</i>	Insulin-like growth factor I receptor	-2.69
1431114_at	<i>Dock4</i>	dedicator of cytokinesis 4	-2.69
1446720_at	<i>Alcam</i>	Activated leukocyte cell adhesion molecule	-2.69
1455565_at	<i>Bcl9</i>	B-cell CLL/lymphoma 9	-2.68
1427302_at	<i>Enpp3</i>	ectonucleotide pyrophosphatase/phosphodiesterase 3	-2.68
1418329_at	<i>Pgpep1</i>	pyroglutamyl-peptidase I	-2.68
1427911_at	<i>2610307O08Rik</i>	RIKEN cDNA 2610307O08 gene	-2.67
1433398_at	<i>Fgd3</i>	FYVE, RhoGEF and PH domain containing 3	-2.67
1431692_a_at	<i>Cblc</i>	Casitas B-lineage lymphoma c	-2.67
1433885_at	<i>Iqgap2</i>	IQ motif containing GTPase activating protein 2	-2.66
1451363_a_at	<i>Dennd2d</i>	DENN/MADD domain containing 2D	-2.66
1419477_at	<i>Clec2d</i>	C-type lectin domain family 2, member d	-2.66
1424814_a_at	<i>Bcl2l14</i>	Bcl2-like 14 (apoptosis facilitator)	-2.66
1460190_at	<i>Ap1m2</i>	adaptor protein complex AP-1, mu 2 subunit	-2.66
1435463_s_at	<i>Myo1d</i>	myosin ID	-2.66
1416579_a_at	<i>Tacstd1</i>	tumor-associated calcium signal transducer 1	-2.66
1419132_at	<i>Tlr2</i>	toll-like receptor 2	-2.66
1417797_a_at	<i>1810019J16Rik</i>	RIKEN cDNA 1810019J16 gene	-2.65
1427410_at	<i>Dleu2</i>	deleted in lymphocytic leukemia, 2	-2.65
1425922_a_at	<i>Mycn</i>	v-myc myelocytomatosis viral related oncogene, neuroblastoma derived (avian)	-2.65
1424652_at	<i>Tmem166</i>	transmembrane protein 166	-2.65
1418025_at	<i>Bhlhb2</i>	basic helix-loop-helix domain containing, class B2	-2.64
1425619_s_at	<i>Dsg2</i>	desmoglein 2	-2.64
1455936_a_at	<i>Rbpms</i>	RNA binding protein gene with multiple splicing	-2.63
1452514_a_at	<i>Kit</i>	kit oncogene	-2.63
1424659_at	<i>Slit2</i>	slit homolog 2 (Drosophila)	-2.63
1418655_at	<i>B4galnt1</i>	beta-1,4-N-acetyl-galactosaminyl transferase 1	-2.63
1417640_at	<i>Cd79b</i>	CD79B antigen	-2.63
1432103_a_at	<i>Sh3gl3</i>	SH3-domain GRB2-like 3	-2.63
1433870_at	<i>Atad4</i>	ATPase family, AAA domain containing 4	-2.63
1425733_a_at	<i>Eps8</i>	epidermal growth factor receptor pathway substrate 8	-2.63
1459632_at	<i>Crim1</i>	Cysteine rich transmembrane BMP regulator 1 (chordin like)	-2.63
1451780_at	<i>Blnk</i>	B-cell linker	-2.62
1422678_at	<i>Dgat2</i>	diacylglycerol O-acyltransferase 2	-2.62
1452861_at	<i>2010300C02Rik</i> /// <i>LOC639555</i>	RIKEN cDNA 2010300C02 gene /// similar to Y59A8B.19	-2.62
1418762_at	<i>Cd55</i>	CD55 antigen	-2.61

1422824_s_at	<i>Eps8</i>	epidermal growth factor receptor pathway substrate 8	-2.61
1445148_at	<i>Plcl1</i>	Phospholipase C-like 1	-2.61
1424148_a_at	<i>AW049765</i>	expressed sequence AW049765	-2.61
1434150_a_at	<i>Mettl7a</i> /// <i>Ubie</i>	methyltransferase like 7A /// UbiE-YGHL1 fusion protein	-2.60
1449221_a_at	<i>Rrbp1</i>	ribosome binding protein 1	-2.60
1417588_at	<i>Galnt3</i>	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 3	-2.60
1437467_at	<i>Alcam</i>	activated leukocyte cell adhesion molecule	-2.60
1451775_s_at	<i>Il13ra1</i>	interleukin 13 receptor, alpha 1	-2.60
1426146_a_at	<i>Chpt1</i>	choline phosphotransferase 1	-2.59
1427042_at	<i>Mal2</i>	mal, T-cell differentiation protein 2	-2.59
1460242_at	<i>Cd55</i>	CD55 antigen	-2.59
1440091_at	<i>Mrg1</i>	myeloid ecotropic viral integration site-related gene 1	-2.59
1420650_at	<i>Atbf1</i>	AT motif binding factor 1	-2.58
1421679_a_at	<i>Cdkn1a</i>	cyclin-dependent kinase inhibitor 1A (P21)	-2.58
1429028_at	<i>Dock11</i>	dedicator of cytokinesis 11	-2.58
1451348_at	<i>Depdc6</i>	DEP domain containing 6	-2.58
1452517_at	<i>Plekhh1</i>	pleckstrin homology domain containing, family H (with MyTH4 domain) member 1	-2.57
1456510_x_at	<i>Ubie</i>	UbiE-YGHL1 fusion protein	-2.57
1425128_at	<i>B3gnt8</i>	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 8	-2.57
1418320_at	<i>Prss8</i>	protease, serine, 8 (prostasin)	-2.57
1458617_at	<i>Prkcbp1</i>	protein kinase C binding protein 1	-2.57
1447166_at	<i>E230002P03Rik</i>	RIKEN cDNA E230002P03 gene	-2.56
1419977_s_at	<i>Rbm35b</i>	RNA binding motif protein 35b	-2.56
1460080_at	<i>AI645535</i>	expressed sequence AI645535	-2.56
1449396_at	<i>Aoc3</i>	amine oxidase, copper containing 3	-2.56
1429639_at	<i>Prei4</i>	preimplantation protein 4	-2.56
1426123_a_at	<i>Rrbp1</i>	ribosome binding protein 1	-2.56
1449076_x_at	<i>Adi1</i>	acireductone dioxygenase 1	-2.56
1417688_at	<i>BC004044</i>	cDNA sequence BC004044	-2.56
1451701_x_at	<i>Cldn3</i>	claudin 3	-2.56
1429262_at	<i>Rassf6</i>	Ras association (RalGDS/AF-6) domain family 6	-2.55
1434651_a_at	<i>Cldn3</i>	claudin 3	-2.55
1460569_x_at	<i>Cldn3</i>	claudin 3	-2.55
1442920_at	<i>Klf3</i>	Kruppel-like factor 3 (basic)	-2.55
1449863_a_at	<i>Dlx5</i>	distal-less homeobox 5	-2.55
1422629_s_at	<i>Shroom3</i>	shroom family member 3	-2.55
1451407_at	<i>Jam4</i>	junction adhesion molecule 4	-2.54
1449579_at	<i>Sh3yl1</i>	Sh3 domain YSC-like 1	-2.53
1457404_at	<i>Nfkbiz</i>	Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta	-2.53
1437103_at	<i>Igf2bp2</i>	insulin-like growth factor 2 mRNA binding protein 2	-2.52
1449534_at	<i>Sycp3</i>	synaptonemal complex protein 3	-2.52
1457104_at	<i>D930036F22Rik</i>	RIKEN cDNA D930036F22 gene	-2.52



1424090_at	<i>Sdcbp2</i>	syndecan binding protein (syntenin) 2	-2.52
1455342_at	<i>A230083H22Rik</i>	RIKEN cDNA A230083H22 gene	-2.51
1453571_at	<i>Depdc6</i>	DEP domain containing 6	-2.51
1434301_at	<i>D330050I23Rik</i>	RIKEN cDNA D330050I23 gene	-2.51
1428859_at	<i>Paox</i>	polyamine oxidase (exo-N4-amino)	-2.50
1441975_at	<i>Acpp</i>	acid phosphatase, prostate	-2.50
1452384_at	<i>Enpp3</i>	ectonucleotide pyrophosphatase/phosphodiesterase 3	-2.50
1456981_at	<i>Tmc7</i>	transmembrane channel-like gene family 7	-2.50
1450404_at	<i>Slc23a1</i>	solute carrier family 23 (nucleobase transporters), member 1	-2.50
1439148_a_at	<i>Pfkl</i>	phosphofructokinase, liver, B-type	-2.49
1419494_a_at	<i>Tpd52</i>	tumor protein D52	-2.49
1448110_at	<i>Sema4a</i>	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A	-2.49
1426560_a_at	<i>Npnt</i>	nephronectin	-2.49
1424951_at	<i>Baiap2l1</i>	BAI1-associated protein 2-like 1	-2.49
1424383_at	<i>Tmem51</i>	transmembrane protein 51	-2.49
1459876_at	<i>Npr1</i>	Natriuretic peptide receptor 1	-2.49
1449369_at	<i>Tmprss2</i>	transmembrane protease, serine 2	-2.49
1426332_a_at	<i>Cldn3</i>	claudin 3	-2.49
1451660_a_at	<i>Hoxb6</i>	homeo box B6	-2.48
1418888_a_at	<i>Sepx1</i>	selenoprotein X 1	-2.48
1419493_a_at	<i>Tpd52</i>	tumor protein D52	-2.48
1426731_at	<i>Des</i>	desmin	-2.48
1439293_at	<i>C130047D21Rik</i>	RIKEN cDNA C130047D21 gene	-2.48
1434815_a_at	<i>Mapkapk3</i>	mitogen-activated protein kinase-activated protein kinase 3	-2.48
1424638_at	<i>Cdkn1a</i>	cyclin-dependent kinase inhibitor 1A (P21)	-2.48
1429226_at	<i>2310014F06Rik</i>	RIKEN cDNA 2310014F06 gene	-2.48
1451601_a_at	<i>BC011467</i>	cDNA sequence BC011467	-2.47
1452716_at	<i>5730469M10Rik</i>	RIKEN cDNA 5730469M10 gene	-2.47
1436200_at	<i>Lonrf3</i>	LON peptidase N-terminal domain and ring finger 3	-2.47
1428622_at	<i>Depdc6</i>	DEP domain containing 6	-2.47
1445600_at	<i>Igf1r</i>	Insulin-like growth factor I receptor	-2.47
1455002_at	<i>Ptp4a1</i>	protein tyrosine phosphatase 4a1	-2.47
1426301_at	<i>Alcam</i>	activated leukocyte cell adhesion molecule	-2.46
1426632_at	<i>Kctd14</i>	potassium channel tetramerisation domain containing 14	-2.46
1431805_a_at	<i>Rhpn2</i>	rhopilin, Rho GTPase binding protein 2	-2.46
1422721_at	<i>Tnk1</i>	tyrosine kinase, non-receptor, 1	-2.46
1418374_at	<i>Fxyd3</i>	FXYD domain-containing ion transport regulator 3	-2.46
1440262_at	---	---	-2.46
1435510_at	<i>Ppm1h</i>	protein phosphatase 1H (PP2C domain containing)	-2.46
1455477_s_at	<i>Pdzk1ip1</i>	PDZK1 interacting protein 1	-2.46
1429321_at	<i>Rnf149</i>	ring finger protein 149	-2.45
1427411_s_at	<i>Dleu2</i>	deleted in lymphocytic leukemia, 2	-2.45
1427427_at	<i>Ryr3</i>	ryanodine receptor 3	-2.45

1436413_at	<i>Frk</i>	fyn-related kinase	-2.45
1455686_at	---	---	-2.45
1426914_at	<i>Marveld2</i>	MARVEL (membrane-associating) domain containing 2	-2.45
1416760_at	<i>Galnt1</i>	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase-like 1	-2.45
1455454_at	<i>Akr1c19</i>	aldo-keto reductase family 1, member C19	-2.44
1454858_x_at	<i>Mettl7a</i>	methyltransferase like 7A	-2.44
1456229_at	<i>Hoxb3</i>	homeo box B3	-2.44
1451610_at	<i>BC024561</i>	cDNA sequence BC024561	-2.44
1423174_a_at	<i>Pard6b</i>	par-6 (partitioning defective 6) homolog beta (C. elegans)	-2.44
1454681_at	<i>Rbm35a</i>	RNA binding motif protein 35A	-2.43
1427008_at	<i>Rnf43</i>	ring finger protein 43	-2.43
1418815_at	<i>Cdh2</i>	cadherin 2	-2.43
1434273_at	<i>A830073O21Rik</i>	RIKEN cDNA A830073O21 gene	-2.42
1426908_at	<i>Galnt7</i>	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 7	-2.42
1434447_at	<i>AI838057</i>	expressed sequence AI838057	-2.42
1435951_at	<i>Grip1</i>	glutamate receptor interacting protein 1	-2.41
1418488_s_at	<i>Ripk4</i>	receptor-interacting serine-threonine kinase 4	-2.41
1430622_at	<i>4833423F13Rik</i>	RIKEN cDNA 4833423F13 gene	-2.40
1453377_at	<i>Sh2d4a</i>	SH2 domain containing 4A	-2.40
1438945_x_at	<i>Gja1</i>	gap junction membrane channel protein alpha 1	-2.40
1425464_at	<i>Gata6</i>	GATA binding protein 6	-2.40
1422479_at	<i>Acss2</i>	acyl-CoA synthetase short-chain family member 2	-2.39
1427046_at	<i>Grhl2</i>	grainyhead-like 2 (Drosophila)	-2.39
1452273_at	<i>AA409316</i>	expressed sequence AA409316	-2.39
1455825_s_at	<i>Ln timer</i>	ligand of numb-protein X 1	-2.39
1420502_at	<i>Sat1</i>	spermidine/spermine N1-acetyl transferase 1	-2.39
1437466_at	<i>Alcam</i>	activated leukocyte cell adhesion molecule	-2.38
1418122_at	<i>Myh11</i>	myosin, heavy polypeptide 11, smooth muscle	-2.38
1426942_at	<i>Aim1</i>	absent in melanoma 1	-2.38
1451255_at	<i>Lsr</i>	lipolysis stimulated lipoprotein receptor	-2.37
1435657_at	<i>AI425999</i>	expressed sequence AI425999	-2.37
1428285_at	<i>8430427H17Rik</i>	RIKEN cDNA 8430427H17 gene	-2.37
1435541_at	<i>Btc</i>	betacellulin, epidermal growth factor family member	-2.37
1419298_at	<i>Pon3</i>	paraoxonase 3	-2.36

1426261_s_at	<i>Ugt1a2</i> /// <i>Ugt1a6a</i> /// <i>Ugt1a10</i> /// <i>Ugt1a7c</i> /// <i>Ugt1a5</i> /// <i>Ugt1a9</i> /// <i>Ugt1a6b</i> /// <i>Ugt1a1</i>	UDP glucuronosyltransferase 1 family, polypeptide A2 /// UDP glucuronosyltransferase 1 family, polypeptide A6A /// UDP glycosyltransferase 1 family, polypeptide A10 /// UDP glucuronosyltransferase 1 family, polypeptide A7C /// UDP glucuronosyltransferase 1 family, polypeptide A5 /// UDP glucuronosyltransferase 1 family, polypeptide A9 /// UDP glucuronosyltransferase 1 family, polypeptide A6B /// UDP glucuronosyltransferase 1 family, polypeptide A1	-2.36
1422073_a_at	<i>Celsr2</i>	cadherin EGF LAG seven-pass G-type receptor 2	-2.36
1436345_at	<i>5730559C18Rik</i>	RIKEN cDNA 5730559C18 gene	-2.36
1450769_s_at	<i>Stard5</i>	StAR-related lipid transfer (START) domain containing 5	-2.36
1458900_at	<i>Slc24a3</i>	Solute carrier family 24 (sodium/potassium/calcium exchanger), member 3	-2.36
1421424_a_at	<i>Anpep</i>	alanyl (membrane) aminopeptidase	-2.36
1438408_at	<i>Ankrd56</i>	ankyrin repeat domain 56	-2.35
1434489_at	<i>Elmo3</i>	engulfment and cell motility 3, ced-12 homolog (C. elegans)	-2.35
1435336_at	<i>Celsr2</i>	cadherin EGF LAG seven-pass G-type receptor 2	-2.35
1443722_at	<i>6030419C18Rik</i>	RIKEN cDNA 6030419C18 gene	-2.35
1448598_at	<i>Mmp17</i>	matrix metalloproteinase 17	-2.35
1455399_at	<i>Cnksr1</i> /// <i>LOC637116</i>	connector enhancer of kinase suppressor of Ras 1 /// similar to connector enhancer of kinase suppressor of Ras 1	-2.34
1434062_at	<i>Rabgap1l</i>	RAB GTPase activating protein 1-like	-2.34
1443029_at	<i>Ppfibp1</i>	PTPRF interacting protein, binding protein 1 (liprin beta 1)	-2.34
1460698_a_at	<i>Sec11l3</i>	Sec11-like 3 (S. cerevisiae)	-2.34
1453365_at	<i>Rabgap1l</i>	RAB GTPase activating protein 1-like	-2.34
1419194_s_at	<i>Gmfg</i>	glia maturation factor, gamma	-2.34
1434773_a_at	<i>Slc2a1</i>	solute carrier family 2 (facilitated glucose transporter), member 1	-2.34
1421267_a_at	<i>Cited2</i>	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2	-2.34
1458114_at	<i>Samd12</i>	sterile alpha motif domain containing 12	-2.33
1437992_x_at	<i>Gja1</i>	gap junction membrane channel protein alpha 1	-2.33
1451538_at	<i>Sox9</i>	SRY-box containing gene 9	-2.33
1455030_at	<i>Ptpnj</i>	protein tyrosine phosphatase, receptor type, J	-2.32
1451574_at	<i>Bcl9</i>	B-cell CLL/lymphoma 9	-2.32
1430942_at	<i>8430437O03Rik</i>	RIKEN cDNA 8430437O03 gene	-2.31

1416831_at	<i>Neu1</i>	neuraminidase 1	-2.31
1423938_at	<i>Llg12</i>	lethal giant larvae homolog 2 (Drosophila)	-2.31
1455737_at	<i>C030002B11Rik</i>	RIKEN cDNA C030002B11 gene	-2.31
1436008_at	<i>Tpd52</i>	Tumor protein D52	-2.31
1423909_at	<i>0610011104Rik</i>	RIKEN cDNA 0610011104 gene	-2.30
1418412_at	<i>Tpd52l1</i>	tumor protein D52-like 1	-2.30
1442051_at	<i>Hist2h3c1</i>	histone 2, H3c1	-2.30
1430786_at	<i>1110002E22Rik</i>	RIKEN cDNA 1110002E22 gene	-2.30
1426599_a_at	<i>Slc2a1</i>	solute carrier family 2 (facilitated glucose transporter), member 1	-2.29
1422293_a_at	<i>Kctd1</i>	potassium channel tetramerisation domain containing 1	-2.29
1445827_at	<i>Prkcbp1</i>	Protein kinase C binding protein 1	-2.29
1416361_a_at	<i>Dync1i1</i>	dynein cytoplasmic 1 intermediate chain 1	-2.29
1418925_at	<i>Celsr1</i>	cadherin EGF LAG seven-pass G-type receptor 1	-2.29
1452124_at	<i>Ank3 /// 2900054D09Rik</i>	ankyrin 3, epithelial /// RIKEN cDNA 2900054D09 gene	-2.29
1460341_at	<i>Plekhb2</i>	pleckstrin homology domain containing, family B (evectins) member 2	-2.29
1419322_at	<i>Fgd6</i>	FYVE, RhoGEF and PH domain containing 6	-2.28
1448147_at	<i>Tnfrsf19</i>	tumor necrosis factor receptor superfamily, member 19	-2.28
1424477_at	<i>BC019731</i>	cDNA sequence BC019731	-2.28
1445519_at	<i>Kcns3</i>	potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3	-2.27
1438759_x_at	---	---	-2.27
1456956_at	<i>Zfpn1a2</i>	zinc finger protein, subfamily 1A, 2 (Helios)	-2.27
1436181_at	<i>Ddef2</i>	development and differentiation enhancing factor 2	-2.27
1456401_at	<i>Cacnb2</i>	calcium channel, voltage-dependent, beta 2 subunit	-2.27
1448261_at	<i>Cdh1</i>	cadherin 1	-2.27
1452469_a_at	<i>Smtn</i>	smoothelin	-2.26
1434036_at	<i>Mtss1</i>	metastasis suppressor 1	-2.26
1427261_at	<i>Wwc1</i>	WW, C2 and coiled-coil domain containing 1	-2.26
1429284_at	<i>8430436F23Rik</i>	RIKEN cDNA 8430436F23 gene	-2.25
1439078_at	<i>Klhl4</i>	kelch-like 4 (Drosophila)	-2.25
1418895_at	<i>Scap2</i>	src family associated phosphoprotein 2	-2.25
1428614_at	<i>Ldhd</i>	lactate dehydrogenase D	-2.25
1422704_at	<i>Gyk</i>	glycerol kinase	-2.25
1450918_s_at	<i>Src</i>	Rous sarcoma oncogene	-2.25
1438415_s_at	<i>Yipf2</i>	Yip1 domain family, member 2	-2.25
1440440_at	---	---	-2.25
1438231_at	<i>Foxp2</i>	forkhead box P2	-2.24
1447892_at	---	---	-2.24
1420008_s_at	---	---	-2.24
1437872_at	<i>AB112350</i>	cDNA sequence AB112350	-2.24
1440220_at	<i>AI503564</i>	expressed sequence AI503564	-2.24
1428573_at	<i>Chn2</i>	chimerin (chimaerin) 2	-2.23

1425159_at	<i>Golt1a</i>	golgi transport 1 homolog A ( <i>S. cerevisiae</i> )	-2.23
1440097_at	<i>Mirg</i>	miRNA containing gene	-2.23
1439764_s_at	<i>Igf2bp2</i>	insulin-like growth factor 2 mRNA binding protein 2	-2.23
1455684_at	<i>Map3k9</i>	mitogen-activated protein kinase kinase kinase 9	-2.23
1430353_at	<i>Glis3</i>	GLIS family zinc finger 3	-2.23
1433725_at	<i>Acvr1b</i>	activin A receptor, type 1B	-2.23
1453004_at	<i>3110004L20Rik</i>	RIKEN cDNA 3110004L20 gene	-2.22
1418980_a_at	<i>Cnp1</i>	cyclic nucleotide phosphodiesterase 1	-2.22
1417392_a_at	<i>Slc7a7</i>	solute carrier family 7 (cationic amino acid transporter, y+ system), member 7	-2.22
1421362_a_at	<i>Frk</i>	fyn-related kinase	-2.22
1422707_at	<i>Pik3cg</i>	phosphoinositide-3-kinase, catalytic, gamma polypeptide	-2.22
1417297_at	<i>Itpr3</i>	inositol 1,4,5-triphosphate receptor 3	-2.22
1435494_s_at	<i>Dsp</i>	desmoplakin	-2.22
1448239_at	<i>Hmox1</i>	heme oxygenase (decycling) 1	-2.21
1419570_at	<i>Slc28a3</i>	solute carrier family 28 (sodium-coupled nucleoside transporter), member 3	-2.21
1434193_at	<i>Zmym6</i>	zinc finger, MYM-type 6	-2.21
1449799_s_at	<i>Pkp2</i>	plakophilin 2	-2.21
1449519_at	<i>Gadd45a</i>	growth arrest and DNA-damage-inducible 45 alpha	-2.21
1429062_at	<i>Kif16b</i>	kinesin family member 16B	-2.21
1437502_x_at	<i>Cd24a</i>	CD24a antigen	-2.20
1428443_a_at	<i>Rap1gap</i>	Rap1 GTPase-activating protein	-2.20
1449198_a_at	<i>St3gal5</i>	ST3 beta-galactoside alpha-2,3-sialyltransferase 5	-2.20
1429870_at	<i>C630040K21Rik</i>	RIKEN cDNA C630040K21 gene	-2.20
1427028_at	<i>Lgr6</i>	leucine-rich repeat-containing G protein-coupled receptor 6	-2.20
1424826_s_at	<i>Mtss1</i>	metastasis suppressor 1	-2.20
1435446_a_at	<i>Chpt1</i>	choline phosphotransferase 1	-2.19
1449544_a_at	<i>Kcnh2</i>	potassium voltage-gated channel, subfamily H (eag-related), member 2	-2.19
1416410_at	<i>Pafah1b3</i>	platelet-activating factor acetylhydrolase, isoform 1b, alpha1 subunit	-2.19
1427386_at	<i>Arhgef16</i>	Rho guanine nucleotide exchange factor (GEF) 16	-2.19
1436199_at	---	---	-2.19
1417689_a_at	<i>Pdzk1ip1</i>	PDZK1 interacting protein 1	-2.19
1428306_at	<i>Ddit4</i>	DNA-damage-inducible transcript 4	-2.19
1424127_at	<i>Eya2</i>	eyes absent 2 homolog ( <i>Drosophila</i> )	-2.19
1451210_at	<i>Ppap2c</i>	phosphatidic acid phosphatase type 2c	-2.18
1418208_at	<i>Pax8</i>	paired box gene 8	-2.18
1430115_at	<i>4833413E03Rik</i>	RIKEN cDNA 4833413E03 gene	-2.18
1453418_at	<i>Col24a1</i>	procollagen, type XXIV, alpha 1	-2.18
1434944_at	<i>Dmpk</i>	dystrophia myotonica-protein kinase	-2.18
1448816_at	<i>Ptgis</i>	prostaglandin I2 (prostacyclin) synthase	-2.18
1422508_at	<i>Atp6v1a</i>	ATPase, H+ transporting, lysosomal V1 subunit A	-2.17

1429664_at	<i>Cdkl1</i>	cyclin-dependent kinase-like 1 (CDC2-related kinase)	-2.17
1417507_at	<i>Cyb561</i>	cytochrome b-561	-2.17
1447685_x_at	<i>Ets2</i>	E26 avian leukemia oncogene 2, 3' domain	-2.17
1435083_at	<i>Ctxn1</i>	cortexin 1	-2.17
1420810_at	<i>1500003O03Rik</i>	RIKEN cDNA 1500003O03 gene	-2.17
1434025_at	---	---	-2.16
1449464_at	<i>Kcnq1</i>	potassium voltage-gated channel, subfamily Q, member 1	-2.16
1425163_at	<i>AI661453</i>	expressed sequence AI661453	-2.16
1455324_at	<i>LOC433022</i>	hypothetical LOC433022	-2.16
1415927_at	<i>Actc1</i>	actin, alpha, cardiac	-2.16
1436032_at	---	Bone marrow macrophage cDNA, RIKEN full-length enriched library, clone:I830083F22 product:unclassifiable, full insert sequence	-2.16
1424783_a_at	<i>Ugt1a2</i> /// <i>Ugt1a6a</i> /// <i>Ugt1a10</i> /// <i>Ugt1a7c</i> /// <i>Ugt1a5</i> /// <i>Ugt1a9</i> /// <i>Ugt1a6b</i> /// <i>Ugt1a1</i>	UDP glucuronosyltransferase 1 family, polypeptide A2 /// UDP glucuronosyltransferase 1 family, polypeptide A6A /// UDP glycosyltransferase 1 family, polypeptide A10 /// UDP glucuronosyltransferase 1 family, polypeptide A7C /// UDP glucuronosyltransferase 1 family, polypeptide A5 /// UDP glucuronosyltransferase 1 family, polypeptide A9 /// UDP glucuronosyltransferase 1 family, polypeptide A6B /// UDP glucuronosyltransferase 1 family, polypeptide A1	-2.16
1454746_at	<i>Plekhm1</i>	pleckstrin homology domain containing, family M (with RUN domain) member 1	-2.15
1453069_at	<i>Pik3cb</i>	phosphatidylinositol 3-kinase, catalytic, beta polypeptide	-2.15
1434526_at	<i>Abhd7</i>	abhydrolase domain containing 7	-2.15
1443906_at	<i>Cd55</i>	CD55 antigen	-2.15
1438018_at	<i>Hook1</i>	hook homolog 1 ( <i>Drosophila</i> )	-2.15
1443157_at	<i>Glis3</i>	GLIS family zinc finger 3	-2.14
1444408_at	<i>B130040O20Rik</i>	RIKEN cDNA B130040O20 gene	-2.14
1453318_at	<i>Tmem102</i>	transmembrane protein 102	-2.14
1449252_at	<i>9030611O19Rik</i>	RIKEN cDNA 9030611O19 gene	-2.14
1442077_at	<i>2310076G05Rik</i>	RIKEN cDNA 2310076G05 gene	-2.13
1456146_at	<i>Osbpl10</i>	oxysterol binding protein-like 10	-2.13

1426260_a_at	<i>Ugt1a2</i> /// <i>Ugt1a6a</i> /// <i>Ugt1a10</i> /// <i>Ugt1a7c</i> /// <i>Ugt1a5</i> /// <i>Ugt1a9</i> /// <i>Ugt1a6b</i> /// <i>Ugt1a1</i>	UDP glucuronosyltransferase 1 family, polypeptide A2 /// UDP glucuronosyltransferase 1 family, polypeptide A6A /// UDP glycosyltransferase 1 family, polypeptide A10 /// UDP glucuronosyltransferase 1 family, polypeptide A7C /// UDP glucuronosyltransferase 1 family, polypeptide A5 /// UDP glucuronosyltransferase 1 family, polypeptide A9 /// UDP glucuronosyltransferase 1 family, polypeptide A6B /// UDP glucuronosyltransferase 1 family, polypeptide A1	-2.13
1423071_x_at	<i>LOC270335</i> /// <i>LOC434328</i> /// <i>LOC544983</i> /// <i>LOC545175</i> /// <i>LOC619711</i> /// <i>LOC622782</i> /// <i>LOC623857</i> /// <i>LOC624831</i> /// <i>LOC665837</i> /// <i>LOC666017</i> /// <i>LOC666200</i> /// <i>LOC666464</i> /// <i>LOC668524</i> /// <i>LOC670117</i> /// <i>LOC670242</i>	hypothetical gene supported by BC019681; BC027236 /// hypothetical LOC434328 /// hypothetical LOC544983 /// hypothetical LOC545175 /// hypothetical LOC619711 /// hypothetical LOC622782 /// hypothetical protein LOC623857 /// hypothetical LOC624831 /// hypothetical protein LOC665837 /// hypothetical protein LOC666017 /// hypothetical protein LOC666200 /// hypothetical protein LOC666464 /// hypothetical protein LOC668524 /// hypothetical protein LOC670117 /// hypothetical protein LOC670242	-2.13
1451546_s_at	<i>Tmem40</i>	transmembrane protein 40	-2.13
1441579_at	<i>Dmrta1</i>	doublesex and mab-3 related transcription factor like family A1	-2.13
1422272_at	<i>Phxr4</i>	per-hexamer repeat gene 4	-2.13
1425108_a_at	<i>BC004728</i>	cDNA sequence BC004728	-2.13
1417901_a_at	<i>Ica1</i>	islet cell autoantigen 1	-2.12
1456103_at	<i>Pml</i>	promyelocytic leukemia	-2.11
1423619_at	<i>Rasd1</i>	RAS, dexamethasone-induced 1	-2.11
1429063_s_at	<i>Kif16b</i>	kinesin family member 16B	-2.11
1429183_at	<i>Pkp2</i>	plakophilin 2	-2.11
1439159_at	---	---	-2.11
1434442_at	<i>D5Erd593e</i>	DNA segment, Chr 5, ERATO Doi 593, expressed	-2.11
1424578_at	<i>Aradc1</i>	arrestin domain containing 1	-2.11
1437494_at	<i>Mapkapk3</i>	mitogen-activated protein kinase-activated protein kinase 3	-2.11
1416627_at	<i>Spint1</i>	serine protease inhibitor, Kunitz type 1	-2.10
1435549_at	<i>Trpm4</i>	transient receptor potential cation channel, subfamily M, member 4	-2.10
1434628_a_at	<i>Rhpn2</i>	rhopilin, Rho GTPase binding protein 2	-2.10
1423686_a_at	<i>Prr13</i>	proline rich 13	-2.10
1420630_at	<i>8430419L09Rik</i>	RIKEN cDNA 8430419L09 gene	-2.10

1439523_at	D330027G24Rik	RIKEN cDNA D330027G24 gene	-2.09
1415936_at	Bcar3	breast cancer anti-estrogen resistance 3	-2.09
1429144_at	Prei4	preimplantation protein 4	-2.09
1428373_at	Ihpk2	inositol hexaphosphate kinase 2	-2.09
1444632_at	BC064078	cDNA sequence BC064078	-2.08
1438470_at	Socs2	suppressor of cytokine signaling 2	-2.08
1436571_at	---	Adult male testis cDNA, RIKEN full-length enriched library, clone:4930525M22 product:unclassifiable, full insert sequence	-2.08
1449143_at	Rtp4	receptor transporter protein 4	-2.07
1416401_at	Cd82	CD82 antigen	-2.07
1452872_at	2900054D09Rik	RIKEN cDNA 2900054D09 gene	-2.07
1451564_at	Parp14	poly (ADP-ribose) polymerase family, member 14	-2.07
1456155_x_at	Fuca1	fucosidase, alpha-L- 1, tissue	-2.07
1421912_at	Slc23a1	solute carrier family 23 (nucleobase transporters), member 1	-2.07
1451374_x_at	Cklf	chemokine-like factor	-2.06
1450269_a_at	Pfkl	phosphofructokinase, liver, B-type	-2.06
1435756_at	Samd10	sterile alpha motif domain containing 10	-2.06
1456210_at	5430407P10Rik	RIKEN cDNA 5430407P10 gene	-2.06
1426004_a_at	Tgm2	transglutaminase 2, C polypeptide	-2.06
1447911_at	Tead1	TEA domain family member 1	-2.06
1443736_at	Tll10	Tubulin tyrosine ligase-like family, member 10	-2.06
1423313_at	Pde7a	phosphodiesterase 7A	-2.05
1454741_s_at	Tmem164	transmembrane protein 164	-2.05
1443027_at	4930523C07Rik	RIKEN cDNA 4930523C07 gene	-2.05
1459731_at	---	---	-2.05
1423406_at	Sv2a	synaptic vesicle glycoprotein 2 a	-2.05
1424502_at	Oit1	oncprotein induced transcript 1	-2.05
1425199_a_at	Epb4.1l5	erythrocyte protein band 4.1-like 5	-2.04
1426223_at	2810439F02Rik	RIKEN cDNA 2810439F02 gene	-2.04
1449357_at	2310030G06Rik	RIKEN cDNA 2310030G06 gene	-2.04
1427010_s_at	Lama5 /// LOC671909	laminin, alpha 5 /// similar to Laminin alpha-5 chain precursor	-2.04
1418460_at	Sh3d19	SH3 domain protein D19	-2.03
1440543_at	D930036F22Rik	RIKEN cDNA D930036F22 gene	-2.03
1459764_x_at	Snx10	Sorting nexin 10	-2.03
1440560_at	Ypel2	Yippee-like 2 (Drosophila)	-2.03
1426850_a_at	Map2k6	mitogen activated protein kinase kinase 6	-2.03
1453963_at	1600014C23Rik	RIKEN cDNA 1600014C23 gene	-2.03
1435493_at	Dsp	desmoplakin	-2.03
1452358_at	Rai2	retinoic acid induced 2	-2.03
1435334_at	Ttc7	tetratricopeptide repeat domain 7	-2.03
1419113_at	Ap1g2	adaptor protein complex AP-1, gamma 2 subunit	-2.03
1455901_at	Chpt1	choline phosphotransferase 1	-2.02
1429725_at	Atbf1	AT motif binding factor 1	-2.02
1442358_at	AA409587	expressed sequence AA409587	-2.02
1417500_a_at	Tgm2	transglutaminase 2, C polypeptide	-2.02
1429891_at	Capsl	calcyphosine-like	-2.01



1438758_at	---	---	-2.01
1448169_at	<i>Krt18</i>	keratin 18	-2.01
1439341_at	<i>AK220484</i>	cDNA sequence AK220484	-2.01
1451499_at	<i>Cadps2</i>	Ca <sup>2+</sup> -dependent activator protein for secretion 2	-2.01
1417647_at	<i>Snx5</i>	sorting nexin 5	-2.01
1458409_at	<i>C86595</i>	expressed sequence C86595	-2.01
1459301_at	<i>Mrg1</i>	Myeloid ecotropic viral integration site-related gene 1	-2.01
1448411_at	<i>Wfs1</i>	Wolfram syndrome 1 homolog (human)	-2.01
1434559_at	<i>Stx3</i>	syntaxin 3	-2.00
1417293_at	<i>Hs6st1</i>	heparan sulfate 6-O-sulfotransferase 1	-2.00
1428066_at	<i>Ccdc120</i>	coiled-coil domain containing 120	-2.00
1433604_x_at	<i>Aldoa</i>	aldolase 1, A isoform	-2.00
1435069_at	<i>BC064078</i>	cDNA sequence BC064078	-2.00
1423934_at	---	---	-2.00
1448546_at	<i>Rassf3</i>	Ras association (RalGDS/AF-6) domain family 3	-2.00
1460001_at	<i>Pgpep1</i>	pyroglutamyl-peptidase I	-1.99
1421065_at	<i>Jak2</i>	Janus kinase 2	-1.99
1452493_s_at	<i>Hoxb8</i>	homeo box B8	-1.99
1424065_at	<i>Edem1</i>	ER degradation enhancer, mannosidase alpha-like 1	-1.99
1422740_at	<i>Tnfrsf21</i>	tumor necrosis factor receptor superfamily, member 21	-1.99
1441056_at	<i>Usp3</i>	ubiquitin specific peptidase 3	-1.98
1438420_at	<i>Rbm39</i>	RNA binding motif protein 39	-1.98
1449874_at	<i>Ly96</i>	lymphocyte antigen 96	-1.98
1416094_at	<i>Adam9</i>	a disintegrin and metallopeptidase domain 9 (meltrin gamma)	-1.98
1427434_at	---	---	-1.98
1416629_at	<i>Slc1a5</i>	solute carrier family 1 (neutral amino acid transporter), member 5	-1.98
1424927_at	<i>Glipr1</i>	GLI pathogenesis-related 1 (glioma)	-1.98
1416407_at	<i>Pea15</i>	phosphoprotein enriched in astrocytes 15	-1.98
1428780_at	<i>Tha1</i>	threonine aldolase 1	-1.98
1429086_at	<i>Grhl2</i>	grainyhead-like 2 ( <i>Drosophila</i> )	-1.98
1449456_a_at	<i>Cma1</i>	chymase 1, mast cell	-1.98
1434340_at	---	---	-1.97
1438097_at	<i>Rab20</i>	RAB20, member RAS oncogene family	-1.97
1438640_x_at	<i>Pgk1</i> /// <i>LOC433594</i> /// <i>LOC665053</i> /// <i>LOC668435</i>	phosphoglycerate kinase 1 /// phosphoglycerate kinase 1-like /// phosphoglycerate kinase 1 pseudogene /// phosphoglycerate kinase 1-like	-1.97
1449893_a_at	<i>Lrig1</i>	leucine-rich repeats and immunoglobulin-like domains 1	-1.97
1444765_at	<i>Rbpms</i>	RNA binding protein gene with multiple splicing	-1.97
1434754_at	<i>Garnl4</i>	GTPase activating RANGAP domain-like 4	-1.97
1452203_at	<i>5830411E10Rik</i>	RIKEN cDNA 5830411E10 gene	-1.97
1425503_at	<i>Gcnt2</i>	glucosaminyl (N-acetyl) transferase 2, l-branching enzyme	-1.97

1439775_at	<i>Brwd3</i>	bromodomain and WD repeat domain containing 3	-1.97
1452862_at	<i>Rreb1</i>	ras responsive element binding protein 1	-1.97
1438831_at	<i>Crkrs</i>	Cdc2-related kinase, arginine/serine-rich	-1.97
1429166_s_at	<i>Clmn</i>	calmin	-1.97
1455900_x_at	<i>Tgm2</i>	transglutaminase 2, C polypeptide	-1.97
1451779_at	<i>BC027061</i>	cDNA sequence BC027061	-1.96
1453072_at	<i>Gpr160</i>	G protein-coupled receptor 160	-1.96
1451438_s_at	<i>Clec2h</i>	C-type lectin domain family 2, member h	-1.96
1449517_at	<i>Qpctl</i>	glutaminyl-peptide cyclotransferase-like	-1.96
1432464_a_at	<i>2310057J16Rik</i>	RIKEN cDNA 2310057J16 gene	-1.96
1439006_x_at	<i>6430550H21Rik</i>	RIKEN cDNA 6430550H21 gene	-1.95
1455604_at	<i>Fzd5</i>	frizzled homolog 5 (Drosophila)	-1.95
1424966_at	<i>Tmem40</i>	transmembrane protein 40	-1.95
1442986_at	<i>Elk3</i>	ELK3, member of ETS oncogene family	-1.95
1448962_at	<i>Myh11</i>	myosin, heavy polypeptide 11, smooth muscle	-1.95
1418365_at	<i>Ctsh</i>	cathepsin H	-1.95
1456725_x_at	<i>Vil2</i>	villin 2	-1.95
1430024_at	<i>Yipf6</i>	Yip1 domain family, member 6	-1.95
1424649_a_at	<i>Tspan8</i>	tetraspanin 8	-1.95
1422821_s_at	<i>Stard5</i>	StAR-related lipid transfer (START) domain containing 5	-1.94
1432997_at	<i>5830462P14Rik</i>	RIKEN cDNA 5830462P14 gene	-1.94
1418583_at	<i>Hint3</i>	histidine triad nucleotide binding protein 3	-1.94
1444361_at	---	---	-1.94
1425463_at	<i>Gata6</i>	GATA binding protein 6	-1.94
1428678_s_at	<i>Wdr73</i>	WD repeat domain 73	-1.93
1433854_at	<i>Tmem164</i>	transmembrane protein 164	-1.93
1417757_at	<i>Unc13b</i>	unc-13 homolog B (C. elegans)	-1.93
1425193_at	<i>2010106G01Rik</i>	RIKEN cDNA 2010106G01 gene	-1.93
1417643_at	<i>Tsga2</i>	testis specific gene A2	-1.93
1433775_at	<i>C77080</i>	expressed sequence C77080	-1.93
1438115_a_at	<i>Slc9a3r1</i>	solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 1	-1.93
1416046_a_at	<i>Fuca2</i>	fucosidase, alpha-L- 2, plasma	-1.93
1455581_x_at	<i>9530028C05</i>	hypothetical protein 9530028C05	-1.93
1433750_at	<i>Slc31a1</i>	solute carrier family 31, member 1	-1.92
1459733_at	<i>Pea15</i>	Phosphoprotein enriched in astrocytes 15	-1.92
1452556_at	---	Envelope protein, mRNA sequence	-1.92
1429114_at	<i>Sestd1</i>	SEC14 and spectrin domains 1	-1.92
1436614_at	<i>A1843639</i>	expressed sequence A1843639	-1.92
1456180_at	<i>LOC380843 ///</i> <i>LOC638266 ///</i> <i>LOC666794</i>	similar to RNA binding motif protein 24 /// similar to RNA binding motif protein 24 /// similar to RNA binding motif protein 24	-1.91
1451935_a_at	<i>Spint2</i>	serine protease inhibitor, Kunitz type 2	-1.91
1460598_at	<i>Il28ra</i>	interleukin 28 receptor alpha	-1.91
1431175_at	<i>1810019D21Rik</i>	RIKEN cDNA 1810019D21 gene	-1.91
1432534_at	<i>3300002I08Rik</i>	RIKEN cDNA 3300002I08 gene	-1.91

1455892_x_at	LOC622147 /// LOC668227 /// LOC668269 /// LOC669176 /// LOC669658 /// LOC669821 /// LOC676636	similar to melanoma antigen /// similar to melanoma antigen /// similar to melanoma antigen /// similar to melanoma antigen /// similar to melanoma antigen /// similar to melanoma antigen	-1.91
1433486_at	<i>Clcn3</i>	chloride channel 3	-1.91
1426614_at	<i>Prkcbp1</i>	protein kinase C binding protein 1	-1.91
1434799_x_at	<i>Aldoa</i>	aldolase 1, A isoform	-1.91
1453677_a_at	<i>Derl3</i>	Der1-like domain family, member 3	-1.90
1428378_at	<i>Zc3hav1</i>	zinc finger CCCH type, antiviral 1	-1.90
1422597_at	<i>Mmp15</i>	matrix metalloproteinase 15	-1.90
1418318_at	<i>Rnf128</i>	ring finger protein 128	-1.90
1458916_at	<i>Slc12a6</i>	Solute carrier family 12, member 6	-1.90
1453231_at	<i>Cdkl1</i>	cyclin-dependent kinase-like 1 (CDC2-related kinase)	-1.90
1428657_at	<i>Rreb1</i>	ras responsive element binding protein 1	-1.90
1434418_at	<i>Lass6</i>	longevity assurance homolog 6 ( <i>S. cerevisiae</i> )	-1.90
1455699_at	---	Transcribed locus	-1.90
1421836_at	---	---	-1.89
1449187_at	<i>Pdgfa</i>	platelet derived growth factor, alpha	-1.89
1445302_at	<i>Igsf6</i>	immunoglobulin superfamily, member 6	-1.89
1427196_at	<i>Wnk4</i>	WNK lysine deficient protein kinase 4	-1.89
1437132_x_at	<i>Nedd9</i>	neural precursor cell expressed, developmentally down-regulated gene 9	-1.89
1419475_a_at	<i>Ehf</i>	ets homologous factor	-1.89
1420640_at	<i>Jmy</i>	junction-mediating and regulatory protein	-1.89
1457579_at	<i>D11Erd717e</i>	DNA segment, Chr 11, ERATO Doi 717, expressed	-1.89
1448791_at	<i>Snx5</i>	sorting nexin 5	-1.88
1438116_x_at	<i>Slc9a3r1</i>	solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 1	-1.88
1424365_at	<i>1810037117Rik</i>	RIKEN cDNA 1810037117 gene	-1.88
1452349_x_at	<i>Ilf205 /// Mnda</i>	interferon activated gene 205 /// myeloid cell nuclear differentiation antigen	-1.88
1424463_at	<i>2210010L05Rik</i>	RIKEN cDNA 2210010L05 gene	-1.88
1457358_at	---	---	-1.88
1434957_at	<i>Cdon</i>	cell adhesion molecule-related/down-regulated by oncogenes	-1.88
1449981_a_at	<i>Nat2</i>	N-acetyltransferase 2 (arylamine N-acetyltransferase)	-1.87
1434222_at	<i>Sipa111</i>	signal-induced proliferation-associated 1 like 1	-1.87
1458667_at	<i>4930519N13Rik</i>	RIKEN cDNA 4930519N13 gene	-1.87
1439734_at	<i>Mmp15</i>	Matrix metalloproteinase 15	-1.87
1447213_at	<i>Sp100</i>	Nuclear antigen Sp100	-1.87
1440932_at	---	---	-1.87
1435168_at	<i>Zfp710</i>	zinc finger protein 710	-1.87
1455115_a_at	<i>Crb3</i>	crumbs homolog 3 ( <i>Drosophila</i> )	-1.86
1449412_at	<i>1810046J19Rik</i>	RIKEN cDNA 1810046J19 gene	-1.86

1427964_at	<i>Cmtm8</i>	CKLF-like MARVEL transmembrane domain containing 8	-1.85
1429123_at	<i>Rab27a</i>	RAB27A, member RAS oncogene family	-1.85
1443540_at	<i>Map3k1</i> /// <i>LOC670493</i> /// <i>LOC674573</i>	mitogen activated protein kinase kinase kinase 1 /// similar to Mitogen-activated protein kinase kinase kinase 1 (MAPK/ERK kinase kinase 1) (MEK kinase 1) (MEKK 1) /// similar to Mitogen-activated protein kinase kinase kinase 1 (MAPK/ERK kinase kinase 1) (MEK kinase 1) (MEKK 1)	-1.85
1450170_x_at	<i>H2-K1</i>	Histocompatibility 2, K1, K region	-1.85
1449084_s_at	<i>Sh3d19</i>	SH3 domain protein D19	-1.85
1460214_at	<i>Pcp4</i>	Purkinje cell protein 4	-1.85
1455260_at	<i>Lcorl</i>	ligand dependent nuclear receptor corepressor-like	-1.85
1439205_at	<i>Nfatc2</i>	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2	-1.85
1459704_at	<i>Dnajc7</i>	DnaJ (Hsp40) homolog, subfamily C, member 7	-1.85
1449036_at	<i>Rnf128</i>	ring finger protein 128	-1.85
1426082_a_at	<i>Slc16a4</i>	solute carrier family 16 (monocarboxylic acid transporters), member 4	-1.84
1420362_a_at	<i>Bik</i>	Bcl2-interacting killer	-1.84
1433938_at	<i>Trp53bp2</i>	transformation related protein 53 binding protein 2	-1.84
1419125_at	<i>Ptpn18</i>	protein tyrosine phosphatase, non-receptor type 18	-1.84
1451539_at	<i>Baiap2l1</i>	BAI1-associated protein 2-like 1	-1.84
1449397_at	<i>Hoxb2</i>	homeo box B2	-1.84
1445311_at	<i>Akap13</i>	A kinase (PRKA) anchor protein 13	-1.84
1441140_at	---	---	-1.84
1433842_at	<i>Lrrfip1</i>	leucine rich repeat (in FLII) interacting protein 1	-1.84
1424456_at	<i>Pvr2</i>	poliovirus receptor-related 2	-1.84
1433428_x_at	<i>Tgm2</i>	transglutaminase 2, C polypeptide	-1.84
1425415_a_at	<i>Slc1a1</i>	solute carrier family 1 (neuronal/epithelial high affinity glutamate transporter, system Xag), member 1	-1.84
1460006_at	<i>Atbf1</i>	AT motif binding factor 1	-1.84
1416934_at	<i>Mtm1</i>	X-linked myotubular myopathy gene 1	-1.84
1416432_at	<i>Pfkfb3</i>	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3	-1.84
1434210_s_at	<i>Lrig1</i>	leucine-rich repeats and immunoglobulin-like domains 1	-1.83
1435572_at	<i>2310014L17Rik</i>	RIKEN cDNA 2310014L17 gene	-1.83
1436608_at	<i>BC038822</i>	cDNA sequence BC038822	-1.83
1444195_at	<i>Rmnd5a</i>	Required for meiotic nuclear division 5 homolog A ( <i>S. cerevisiae</i> )	-1.83
1453049_at	<i>6620401M08Rik</i>	RIKEN cDNA 6620401M08 gene	-1.83
1460474_at	<i>2610028L16Rik</i>	RIKEN cDNA 2610028L16 gene	-1.83
1420639_at	<i>Jmy</i>	junction-mediating and regulatory protein	-1.83

1416268_at	<i>Ets2</i>	E26 avian leukemia oncogene 2, 3' domain	-1.83
1417864_at	<i>Pgk1</i> /// <i>LOC433594</i> /// <i>LOC668435</i>	phosphoglycerate kinase 1 /// phosphoglycerate kinase 1-like /// phosphoglycerate kinase 1-like	-1.82
1449248_at	<i>Clcn2</i>	chloride channel 2	-1.82
1416737_at	---	---	-1.82
1426241_a_at	<i>Scmh1</i>	sex comb on midleg homolog 1	-1.82
1427202_at	<i>4833442J19Rik</i>	RIKEN cDNA 4833442J19 gene	-1.82
1422924_at	<i>Tnfsf9</i>	tumor necrosis factor (ligand) superfamily, member 9	-1.82
1445935_at	---	---	-1.82
1452150_at	<i>AU040320</i>	expressed sequence AU040320	-1.81
1418085_at	<i>Prkcz</i>	protein kinase C, zeta	-1.81
1439060_s_at	<i>Wipi1</i>	WD repeat domain, phosphoinositide interacting 1	-1.81
1428284_at	<i>8430427H17Rik</i>	RIKEN cDNA 8430427H17 gene	-1.81
1436431_at	<i>1700025G04Rik</i>	RIKEN cDNA 1700025G04 gene	-1.81
1448018_at	---	---	-1.81
1417646_a_at	<i>Snx5</i>	sorting nexin 5	-1.81
1450627_at	<i>Ank</i>	progressive ankylosis	-1.81
1416449_x_at	<i>Stxbp2</i>	syntaxin binding protein 2	-1.81
1437277_x_at	<i>Tgm2</i>	transglutaminase 2, C polypeptide	-1.81
1455285_at	<i>Slc31a1</i>	solute carrier family 31, member 1	-1.81
1434451_at	---	NOD-derived CD11c +ve dendritic cells cDNA, RIKEN full-length enriched library, clone:F630119A15 product:hypothetical protein, full insert sequence	-1.80
1420683_at	<i>Bnip1</i>	BCL2/adenovirus E1B 19kD interacting protein like	-1.80
1460634_at	<i>Ralgds</i>	ral guanine nucleotide dissociation stimulator	-1.80
1452266_at	<i>Las1l</i>	LAS1-like ( <i>S. cerevisiae</i> )	-1.80
1460584_at	<i>Hisppd2a</i>	histidine acid phosphatase domain containing 2A	-1.80
1423519_at	<i>2210412D01Rik</i>	RIKEN cDNA 2210412D01 gene	-1.80
1420416_at	<i>Sema3a</i>	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A	-1.80
1459865_x_at	<i>Ces7</i>	carboxylesterase 7	-1.80
1441917_s_at	<i>Tmem40</i>	transmembrane protein 40	-1.80
1435872_at	---	Transcribed locus	-1.80
1442087_at	<i>H3f3a</i>	H3 histone, family 3A	-1.80
1448659_at	<i>Casp7</i>	caspase 7	-1.80
1442886_at	<i>Tra2a</i>	transformer 2 alpha homolog ( <i>Drosophila</i> )	-1.79
1426806_at	<i>5830411E10Rik</i>	RIKEN cDNA 5830411E10 gene	-1.79
1425987_a_at	<i>Kcnma1</i>	potassium large conductance calcium- activated channel, subfamily M, alpha member 1	-1.79
1449265_at	<i>Casp1</i>	caspase 1	-1.79
1425321_a_at	<i>Clmn</i>	calmin	-1.79
1443253_at	<i>Glis3</i>	GLIS family zinc finger 3	-1.79
1422653_at	<i>Cep70</i>	centrosomal protein 70	-1.79



1416527_at	<i>Rab32</i>	RAB32, member RAS oncogene family	-1.77
1447980_s_at	<i>Rutbc2</i>	RUN and TBC1 domain containing 2	-1.77
1436117_at	<i>A830010M20Rik</i>	RIKEN cDNA A830010M20 gene	-1.77
1425008_a_at	<i>Iifi203</i>	interferon activated gene 203	-1.77
1416109_at	<i>Fuca1</i>	fucosidase, alpha-L- 1, tissue	-1.77
1452678_a_at	<i>Ccbl1</i>	cysteine conjugate-beta lyase 1	-1.76
1441200_at	<i>Klf3</i>	Kruppel-like factor 3 (basic)	-1.76
1447928_at	<i>Car5b</i>	carbonic anhydrase 5b, mitochondrial	-1.76
1417108_at	<i>Klc4</i>	kinesin light chain 4	-1.76
1448967_at	<i>Nipsnap3a</i>	nipsnap homolog 3A (C. elegans)	-1.76
1421937_at	<i>Dapp1</i>	dual adaptor for phosphotyrosine and 3-phosphoinositides 1	-1.76
1440609_at	<i>Map4k4</i>	mitogen-activated protein kinase kinase kinase kinase 4	-1.76
1428715_at	<i>2810423A18Rik</i>	RIKEN cDNA 2810423A18 gene	-1.76
1449947_s_at	<i>Atbf1</i>	AT motif binding factor 1	-1.75
1428384_at	<i>D4Bwg0951e</i>	DNA segment, Chr 4, Brigham & Women's Genetics 0951 expressed	-1.75
1435226_at	<i>Ibrdc3</i>	IBR domain containing 3	-1.75
1439477_at	<i>Ube2b</i>	ubiquitin-conjugating enzyme E2B, RAD6 homology (S. cerevisiae)	-1.75
1457799_at	<i>Kcns3</i>	potassium voltage-gated channel, delayed-rectifier, subfamily S, member 3	-1.75
1416921_x_at	<i>Aldoa</i>	aldolase 1, A isoform	-1.75
1456906_at	<i>4833432P19Rik</i>	RIKEN cDNA 4833432P19 gene	-1.75
1460652_at	<i>Esrra</i>	estrogen related receptor, alpha	-1.75
1426894_s_at	<i>C230093N12Rik</i>	RIKEN cDNA C230093N12 gene	-1.75
1449951_at	<i>Nfkbil1</i>	nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor-like 1	-1.75
1428794_at	<i>Specc1</i>	spectrin domain with coiled-coils 1	-1.75
1441460_at	<i>Fgfr1op2</i>	FGFR1 oncogene partner 2	-1.74
1436780_at	<i>Ogt</i>	O-linked N-acetylglucosamine (GlcNAc) transferase (UDP-N-acetylglucosamine:polypeptide-N-acetylglucosaminyl transferase)	-1.74
1431042_at	<i>Paqr8</i>	progesterin and adipoQ receptor family member VIII	-1.74
1428613_at	<i>Ldhd</i>	lactate dehydrogenase D	-1.74
1420617_at	<i>Cpeb4</i>	cytoplasmic polyadenylation element binding protein 4	-1.74
1420649_at	<i>Atbf1</i>	AT motif binding factor 1	-1.74
1450941_at	---	---	-1.74
1435241_at	<i>D930036F22Rik</i>	RIKEN cDNA D930036F22 gene	-1.74
1434401_at	<i>Zcchc2</i>	zinc finger, CCHC domain containing 2	-1.74
1424917_a_at	<i>Wipi1</i>	WD repeat domain, phosphoinositide interacting 1	-1.74
1435696_s_at	<i>3110031B13Rik</i>	RIKEN cDNA 3110031B13 gene	-1.73
1447337_at	<i>Dapp1</i>	Dual adaptor for phosphotyrosine and 3-phosphoinositides 1	-1.73
1417491_at	<i>Ctsb</i>	cathepsin B	-1.73
1434387_at	<i>Iffg3</i>	integrin alpha FG-GAP repeat containing 3	-1.73
1419448_at	<i>Tbc1d1</i>	TBC1 domain family, member 1	-1.73

1425004_s_at	<i>Mocs1</i>	molybdenum cofactor synthesis 1	-1.73
1449402_at	<i>Chst7</i>	carbohydrate (N-acetylglucosamino) sulfotransferase 7	-1.73
1444922_at	---	PREDICTED: Mus musculus similar to microtubule-associated protein, RP/EB family, member 3 (LOC620153), mRNA	-1.73
1452152_at	<i>Clint1</i>	clathrin interactor 1	-1.73
1457915_at	<i>4833442J19Rik</i>	RIKEN cDNA 4833442J19 gene	-1.73
1445561_at	<i>Grip1</i>	Glutamate receptor interacting protein 1	-1.73
1416085_s_at	<i>Zfand5</i>	zinc finger, AN1-type domain 5	-1.73
1430185_at	<i>5830460E08Rik</i>	RIKEN cDNA 5830460E08 gene	-1.73
1446094_at	<i>Atbf1</i>	AT motif binding factor 1	-1.73
1448434_at	<i>Rnf103</i>	ring finger protein 103	-1.73
1420993_at	<i>B3gnt5</i>	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 5	-1.73
1442679_at	<i>Map2k4</i>	Mitogen activated protein kinase kinase 4	-1.73
1433937_at	<i>Trp53bp2</i>	transformation related protein 53 binding protein 2	-1.73
1437341_x_at	<i>Cnp1</i>	cyclic nucleotide phosphodiesterase 1	-1.72
1416610_a_at	<i>Clcn3</i>	chloride channel 3	-1.72
1431405_a_at	<i>4930413O22Rik</i>	RIKEN cDNA 4930413O22 gene	-1.72
1427931_s_at	<i>Pdxk</i>	pyridoxal (pyridoxine, vitamin B6) kinase	-1.72
1420984_at	<i>Pctp</i>	phosphatidylcholine transfer protein	-1.72
1421943_at	<i>Tgfa</i>	transforming growth factor alpha	-1.72
1427299_at	<i>Rps6ka3</i>	ribosomal protein S6 kinase polypeptide 3	-1.72
1434059_at	<i>B230312A22Rik</i>	RIKEN cDNA B230312A22 gene	-1.72
1423276_at	<i>Ildr1</i>	immunoglobulin-like domain containing receptor 1	-1.72
1419550_a_at	<i>Stk39</i>	serine/threonine kinase 39, STE20/SPS1 homolog (yeast)	-1.72
1423785_at	<i>Egln1</i>	EGL nine homolog 1 ( <i>C. elegans</i> )	-1.72
1420018_s_at	<i>Tspan8</i>	tetraspanin 8	-1.72
1450999_a_at	<i>1700029H14Rik</i>	RIKEN cDNA 1700029H14 gene	-1.71
1448634_at	<i>Ralbp1</i>	ralA binding protein 1	-1.71
1450490_at	<i>Kcna7</i>	potassium voltage-gated channel, shaker-related subfamily, member 7	-1.71
1433649_at	<i>Aof1</i>	amine oxidase, flavin containing 1	-1.71
1437767_s_at	<i>Fts</i>	fused toes	-1.71
1429474_at	<i>Zadh1</i>	zinc binding alcohol dehydrogenase, domain containing 1	-1.71
1438041_at	---	---	-1.71
1457216_at	<i>Rc3h1</i>	RING CCCH (C3H) domains 1	-1.71
1434954_at	---	---	-1.70
1452734_at	<i>Rnaset2</i>	ribonuclease T2	-1.70
1454676_s_at	<i>Ticam1</i>	toll-like receptor adaptor molecule 1	-1.70
1449836_x_at	<i>Bik</i>	Bcl2-interacting killer	-1.70
1444973_at	<i>Kcnma1</i>	Potassium large conductance calcium-activated channel, subfamily M, alpha member 1	-1.70
1442849_at	<i>Lrp1</i>	low density lipoprotein receptor-related protein 1	-1.70



1416935_at	<i>Trpv2</i>	transient receptor potential cation channel, subfamily V, member 2	-1.70
1419526_at	<i>Fgr</i>	Gardner-Rasheed feline sarcoma viral (Fgr) oncogene homolog	-1.70
1428650_at	<i>Tns1</i>	tensin 1	-1.70
1433487_at	<i>Clcn3</i>	chloride channel 3	-1.70
1448494_at	<i>Gas1</i>	growth arrest specific 1	-1.69
1427362_x_at	<i>Hoxc6</i>	homeo box C6	-1.69
1439435_x_at	<i>Pgk1</i> /// <i>LOC433594</i> /// <i>LOC665053</i> /// <i>LOC668435</i>	phosphoglycerate kinase 1 /// phosphoglycerate kinase 1-like /// phosphoglycerate kinase 1 pseudogene /// phosphoglycerate kinase 1-like	-1.69
1448958_at	<i>Ifrg15</i>	interferon alpha responsive gene	-1.69
1456145_at	<i>Dleu2</i>	deleted in lymphocytic leukemia, 2	-1.69
1450634_at	<i>Atp6v1a</i>	ATPase, H <sup>+</sup> transporting, lysosomal V1 subunit A	-1.69
1438195_at	<i>Gpd1l</i> /// <i>LOC672508</i>	glycerol-3-phosphate dehydrogenase 1-like /// similar to glycerol-3-phosphate dehydrogenase 1-like	-1.69
1436242_a_at	<i>Cklf</i>	chemokine-like factor	-1.69
1455618_x_at	<i>Tspan33</i>	tetraspanin 33	-1.69
1451628_a_at	<i>Ank3</i>	ankyrin 3, epithelial	-1.68
1449322_at	<i>Ptp4a1</i> /// <i>LOC269859</i> /// <i>LOC433406</i> /// <i>LOC546482</i> /// <i>LOC627166</i> /// <i>LOC627200</i> /// <i>LOC667723</i> /// <i>LOC669215</i> /// <i>LOC673579</i>	protein tyrosine phosphatase 4a1 /// similar to protein tyrosine phosphatase 4a1 /// protein tyrosine phosphatase 4a1-like /// similar to protein tyrosine phosphatase 4a1 /// protein tyrosine phosphatase 4a1 pseudogene /// protein tyrosine phosphatase 4a1-like /// similar to protein tyrosine phosphatase 4a1 /// similar to protein tyrosine phosphatase 4a1 /// similar to protein tyrosine phosphatase 4a1	-1.68
1439689_at	<i>9030224M15Rik</i>	RIKEN cDNA 9030224M15 gene	-1.68
1429337_at	<i>2610301K12Rik</i>	RIKEN cDNA 2610301K12 gene	-1.68
1449099_at	<i>Lrba</i>	LPS-responsive beige-like anchor	-1.68
1422593_at	<i>Ap3s1</i>	adaptor-related protein complex 3, sigma 1 subunit	-1.68
1433836_a_at	<i>8430408G22Rik</i>	RIKEN cDNA 8430408G22 gene	-1.68
1431862_x_at	<i>Odf2l</i>	outer dense fiber of sperm tails 2-like	-1.68
1448558_a_at	<i>Pla2g4a</i>	phospholipase A2, group IVA (cytosolic, calcium-dependent)	-1.68
1420824_at	<i>Sema4d</i>	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4D	-1.68
1448547_at	<i>Rassf3</i>	Ras association (RalGDS/AF-6) domain family 3	-1.68
1418924_at	<i>Rassf7</i>	Ras association (RalGDS/AF-6) domain family 7	-1.67
1419587_s_at	<i>Rp2h</i>	retinitis pigmentosa 2 homolog (human)	-1.67
1427404_x_at	<i>LOC433182</i>	similar to enolase 1, alpha non-neuron	-1.67
1442749_at	<i>Braf</i>	Braf transforming gene	-1.67
1436210_at	<i>C330018K18Rik</i>	RIKEN cDNA C330018K18 gene	-1.67

1449167_at	<i>Epb4.1l4a</i>	erythrocyte protein band 4.1-like 4a	-1.67
1424700_at	<i>Tmem38b</i>	transmembrane protein 38B	-1.67
1432825_at	<i>2900018N21Rik</i>	RIKEN cDNA 2900018N21 gene	-1.67
1448752_at	<i>Car2</i>	carbonic anhydrase 2	-1.67
1418943_at	<i>B230120H23Rik</i>	RIKEN cDNA B230120H23 gene	-1.67
1455551_at	<i>Uevld</i>	UEV and lactate/malate dehydrogenase domains	-1.67
1450982_at	<i>Slc9a3r1</i>	solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 1	-1.67
1426810_at	<i>Jmjd1a</i>	jumonji domain containing 1A	-1.67
1448000_at	<i>Cdca3</i>	cell division cycle associated 3	-1.67
1460453_at	<i>Tagap</i>	T-cell activation Rho GTPase-activating protein	-1.67
1446906_at	<i>C81615</i>	expressed sequence C81615	-1.67
1426926_at	<i>Plcg2</i>	phospholipase C, gamma 2	-1.67
1436158_at	<i>Eif4ebp2</i>	eukaryotic translation initiation factor 4E binding protein 2	-1.67
1450745_at	<i>C1galt1</i>	core 1 UDP-galactose:N-acetylgalactosamine-alpha-R beta 1,3-galactosyltransferase	-1.66
1437198_at	<i>Lig3</i>	ligase III, DNA, ATP-dependent	-1.66
1460671_at	<i>Gpx1</i>	glutathione peroxidase 1	-1.66
1417346_at	<i>Pycard</i>	PYD and CARD domain containing	-1.66
1450084_s_at	<i>Ivns1abp</i>	influenza virus NS1A binding protein	-1.66
1428996_at	<i>4833426J09Rik</i>	RIKEN cDNA 4833426J09 gene	-1.66
1437431_at	---	---	-1.66
1433670_at	<i>Emp2</i>	epithelial membrane protein 2	-1.66
1455051_at	<i>Rnf31</i>	ring finger protein 31	-1.66
1421023_at	<i>Pik3c2a</i>	phosphatidylinositol 3-kinase, C2 domain containing, alpha polypeptide	-1.66
1420242_at	---	---	-1.66
1434653_at	<i>Ptk2b</i>	PTK2 protein tyrosine kinase 2 beta	-1.66
1435595_at	<i>1810011O10Rik</i>	RIKEN cDNA 1810011O10 gene	-1.65
1434741_at	<i>Rreb1</i>	ras responsive element binding protein 1	-1.65
1446957_s_at	<i>BC004022</i>	cDNA sequence BC004022	-1.65
1451523_a_at	<i>Mif4gd</i>	MIF4G domain containing	-1.65
1426964_at	<i>3110003A17Rik</i>	RIKEN cDNA 3110003A17 gene	-1.65
1453283_at	<i>Pgm1</i>	phosphoglucomutase 1	-1.65
1436236_x_at	<i>Cotl1</i>	coactosin-like 1 (Dictyostelium)	-1.65
1434306_at	<i>Rab3ip</i>	RAB3A interacting protein	-1.65
1423277_at	<i>Ptprk</i>	protein tyrosine phosphatase, receptor type, K	-1.65
1439406_x_at	<i>Fars2</i>	phenylalanine-tRNA synthetase 2 (mitochondrial)	-1.65
1458616_at	<i>B4galt1</i>	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 1	-1.65
1434102_at	<i>Nfib</i>	nuclear factor I/B	-1.65
1431510_s_at	<i>2010110K16Rik</i>	RIKEN cDNA 2010110K16 gene	-1.65
1451338_at	<i>Nisch</i>	nischarin	-1.65
1430103_at	<i>9030607L20Rik</i>	RIKEN cDNA 9030607L20 gene	-1.65
1436871_at	<i>Sfrs7</i>	splicing factor, arginine/serine-rich 7	-1.65

1447734_x_at	<i>Aldoa</i> /// <i>LOC667483</i> /// <i>LOC671023</i>	aldolase 1, A isoform /// similar to Fructose-bisphosphate aldolase A (Muscle-type aldolase) (Aldolase 1) /// similar to Fructose-bisphosphate aldolase A (Muscle-type aldolase) (Aldolase 1)	-1.64
1425028_a_at	<i>Tpm2</i>	tropomyosin 2, beta	-1.64
1436838_x_at	<i>Cot11</i>	coactosin-like 1 (Dictyostelium)	-1.64
1436056_at	<i>Kif13b</i>	kinesin family member 13B	-1.64
1443558_s_at	<i>C630002B14Rik</i>	RIKEN cDNA C630002B14 gene	-1.64
1420809_a_at	<i>1500003O03Rik</i>	RIKEN cDNA 1500003O03 gene	-1.64
1436747_at	<i>1110014K08Rik</i> /// <i>LOC664786</i> /// <i>LOC664849</i> /// <i>LOC669054</i> /// <i>LOC672175</i>	RIKEN cDNA 1110014K08 gene /// hypothetical protein LOC664786 /// hypothetical protein LOC664849 /// hypothetical protein LOC669054 /// hypothetical protein LOC672175	-1.64
1448287_at	<i>Rpo1-3</i>	RNA polymerase 1-3	-1.64
1422340_a_at	<i>Actg2</i>	actin, gamma 2, smooth muscle, enteric	-1.64
1428775_at	<i>1110008L16Rik</i>	RIKEN cDNA 1110008L16 gene	-1.64
1437733_at	<i>Eif4ebp2</i>	eukaryotic translation initiation factor 4E binding protein 2	-1.64
1442175_at	<i>C030027H14Rik</i>	RIKEN cDNA C030027H14 gene	-1.64
1429758_at	<i>1700017B05Rik</i> /// <i>LOC640563</i>	RIKEN cDNA 1700017B05 gene /// hypothetical protein LOC640563	-1.64
1418482_at	<i>Cyb561d2</i>	cytochrome b-561 domain containing 2	-1.64
1424027_at	<i>Pxn</i>	paxillin	-1.64
1418711_at	<i>Pdgfa</i>	platelet derived growth factor, alpha	-1.64
1451750_at	---	---	-1.64
1433808_at	<i>D330001F17Rik</i>	RIKEN cDNA D330001F17 gene	-1.64
1426440_at	<i>Dhrs7</i>	dehydrogenase/reductase (SDR family) member 7	-1.64
1425460_at	<i>Mtmr2</i>	myotubularin related protein 2	-1.64
1457676_at	<i>Tirap</i>	toll-interleukin 1 receptor (TIR) domain-containing adaptor protein	-1.63
1435908_at	<i>Nrxn2</i>	neurexin II	-1.63
1436244_a_at	<i>Tle2</i>	transducin-like enhancer of split 2, homolog of <i>Drosophila</i> E(spl)	-1.63
1428279_a_at	<i>Atxn7l4</i>	ataxin 7-like 4	-1.63
1439470_at	<i>2410025L10Rik</i>	RIKEN cDNA 2410025L10 gene	-1.63
1426307_at	<i>Cyb5r4</i>	cytochrome b5 reductase 4	-1.63
1455111_at	<i>Yipf6</i>	Yip1 domain family, member 6	-1.63
1436502_at	<i>Mtus1</i>	mitochondrial tumor suppressor 1	-1.63
1450860_at	<i>Lap3</i>	leucine aminopeptidase 3	-1.63
1420842_at	<i>Ptprf</i>	protein tyrosine phosphatase, receptor type, F	-1.63
1448215_a_at	<i>Dpp3</i>	dipeptidylpeptidase 3	-1.63
1448153_at	<i>Cox5a</i>	cytochrome c oxidase, subunit Va	-1.63
1418416_x_at	<i>Psg23</i>	pregnancy-specific glycoprotein 23	-1.63
1417122_at	<i>Vav3</i>	vav 3 oncogene	-1.63
1425129_a_at	<i>Taldo1</i>	transaldolase 1	-1.62
1425459_at	<i>Mtmr2</i>	myotubularin related protein 2	-1.62
1425718_a_at	<i>Ivns1abp</i>	influenza virus NS1A binding protein	-1.62

1426626_at	<i>Gtf2f2</i>	general transcription factor IIF, polypeptide 2	-1.62
1417674_s_at	<i>Golga4</i>	golgi autoantigen, golgin subfamily a, 4	-1.62
1450660_at	<i>Pts</i>	6-pyruvoyl-tetrahydropterin synthase	-1.62
1449677_s_at	<i>Tmem38b</i>	transmembrane protein 38B	-1.62
1454182_at	<i>5430417C01Rik</i>	RIKEN cDNA 5430417C01 gene	-1.62
1427485_at	<i>Lmod1</i>	leiomodoin 1 (smooth muscle)	-1.62
1460104_at	<i>Vps4b</i>	vacuolar protein sorting 4b (yeast)	-1.62
1416387_at	<i>Pip5k2c</i>	phosphatidylinositol-4-phosphate 5-kinase, type II, gamma	-1.62
1421858_at	<i>Adam17</i>	a disintegrin and metallopeptidase domain 17	-1.61
1424092_at	<i>Epb4.1</i>	erythrocyte protein band 4.1	-1.61
1418384_at	<i>9430083G14Rik</i>	RIKEN cDNA 9430083G14 gene	-1.61
1417579_x_at	<i>Gmppa</i>	GDP-mannose pyrophosphorylase A	-1.61
1426151_a_at	<i>Stx3</i>	syntaxin 3	-1.61
1424809_at	<i>Crb3</i>	crumbs homolog 3 (Drosophila)	-1.61
1420907_at	<i>Cd2ap</i>	CD2-associated protein	-1.61
1424552_at	<i>Casp8</i>	caspase 8	-1.61
1417671_at	<i>Scly</i>	selenocysteine lyase	-1.61
1455018_at	<i>Lmtk2</i>	lemur tyrosine kinase 2	-1.61
1433740_at	<i>2610301K12Rik</i>	RIKEN cDNA 2610301K12 gene	-1.61
1441290_at	<i>4930506M07Rik</i>	RIKEN cDNA 4930506M07 gene	-1.60
1448664_a_at	<i>Speg</i>	SPEG complex locus	-1.60
1424253_at	<i>1810073G14Rik</i>	RIKEN cDNA 1810073G14 gene	-1.60
1419022_a_at	<i>Eno1</i> /// <i>LOC433182</i> /// <i>LOC672232</i>	enolase 1, alpha non-neuron /// similar to enolase 1, alpha non-neuron /// similar to Alpha-enolase (2-phospho-D-glycerate hydrolyase) (Non-neural enolase) (NNE) (Enolase 1)	-1.60
1418115_s_at	<i>Ifrg15</i>	interferon alpha responsive gene	-1.60
1438657_x_at	<i>Ptp4a1</i> /// <i>LOC433406</i> /// <i>LOC627166</i> /// <i>LOC627200</i> /// <i>LOC667723</i>	protein tyrosine phosphatase 4a1 /// protein tyrosine phosphatase 4a1-like /// protein tyrosine phosphatase 4a1 pseudogene /// protein tyrosine phosphatase 4a1-like /// similar to protein tyrosine phosphatase 4a1	-1.60
1425212_a_at	<i>Tnfrsf19</i>	tumor necrosis factor receptor superfamily, member 19	-1.60
1427680_a_at	<i>Nfib</i>	nuclear factor I/B	-1.60
1425135_a_at	<i>Dnm2</i>	dynamamin 2	-1.60
1442402_at	<i>Sh3rf1</i>	SH3 domain containing ring finger 1	-1.60
1460428_at	<i>Ankrd13a</i>	ankyrin repeat domain 13a	-1.60
1459324_at	---	---	-1.60
1431287_at	<i>Pcm1</i>	pericentriolar material 1	-1.60
1417125_at	<i>Ahcy</i>	S-adenosylhomocysteine hydrolase	-1.60
1424386_at	<i>Reep2</i>	receptor accessory protein 2	-1.60
1425635_at	<i>Tnk1</i>	tyrosine kinase, non-receptor, 1	-1.60
1444501_at	<i>A1462521</i>	expressed sequence A1462521	-1.60
1460594_a_at	<i>Gmppa</i>	GDP-mannose pyrophosphorylase A	-1.59
1437738_at	<i>Atp2c1</i>	ATPase, Ca <sup>++</sup> -sequestering	-1.59
1443194_at	---	---	-1.59

1428093_at	<i>Trabd</i>	TraB domain containing	-1.59
1450992_a_at	<i>Meis1</i>	myeloid ecotropic viral integration site 1	-1.59
1415793_at	<i>Pnpo</i>	pyridoxine 5'-phosphate oxidase	-1.59
1447100_s_at	<i>5730508B09Rik</i>	RIKEN cDNA 5730508B09 gene	-1.59
1423314_s_at	<i>Pde7a</i>	phosphodiesterase 7A	-1.59
1429764_at	<i>1500005K14Rik</i>	RIKEN cDNA 1500005K14 gene	-1.59
1443917_at	<i>Tmbim4</i>	transmembrane BAX inhibitor motif containing 4	-1.59
1424782_at	<i>Tmem77</i>	transmembrane protein 77	-1.59
1425974_a_at	<i>Trim25</i>	tripartite motif protein 25	-1.59
1424119_at	<i>Prkab1</i>	protein kinase, AMP-activated, beta 1 non-catalytic subunit	-1.59
1435402_at	<i>Gramd1b</i>	GRAM domain containing 1B	-1.59
1417904_at	<i>Dclre1a</i>	DNA cross-link repair 1A, PSO2 homolog (S. cerevisiae)	-1.59
1457455_at	<i>Suhw4</i>	suppressor of hairy wing homolog 4 (Drosophila)	-1.59
1429407_at	<i>Pex11c</i>	peroxisomal biogenesis factor 11c	-1.59
1433672_at	<i>4732479N06Rik</i>	RIKEN cDNA 4732479N06 gene	-1.58
1451393_at	<i>Pex26</i>	peroxisome biogenesis factor 26	-1.58
1458218_s_at	<i>Pde7a</i>	phosphodiesterase 7A	-1.58
1439375_x_at	<i>Aldoa</i> /// <i>LOC667483</i> /// <i>LOC671023</i>	aldolase 1, A isoform /// similar to Fructose-bisphosphate aldolase A (Muscle-type aldolase) (Aldolase 1) /// similar to Fructose-bisphosphate aldolase A (Muscle-type aldolase) (Aldolase 1)	-1.58
1439662_at	<i>Homer1</i>	homer homolog 1 (Drosophila)	-1.58
1448721_at	<i>D1Ert622e</i>	DNA segment, Chr 1, ERATO Doi 622, expressed	-1.58
1416104_at	<i>Mpdu1</i>	mannose-P-dolichol utilization defect 1	-1.58
1453731_a_at	<i>Tmem77</i>	transmembrane protein 77	-1.58
1435531_at	<i>Usp3</i>	ubiquitin specific peptidase 3	-1.58
1418143_at	<i>Vps45</i>	vacuolar protein sorting 45 (yeast)	-1.58
1452935_at	<i>LOC546143</i>	hypothetical protein LOC546143	-1.58
1446974_at	<i>Pip5k3</i>	phosphatidylinositol-3-phosphate/phosphatidylinositol 5-kinase, type III	-1.58
1446670_at	<i>Cugbp2</i>	CUG triplet repeat, RNA binding protein 2	-1.58
1460213_at	<i>Golga4</i>	golgi autoantigen, golgin subfamily a, 4	-1.58
1415814_at	<i>Atp6v1b2</i>	ATPase, H <sup>+</sup> transporting, lysosomal V1 subunit B2	-1.58
1435905_at	<i>D3Ert300e</i>	DNA segment, Chr 3, ERATO Doi 300, expressed	-1.57
1451435_at	<i>Cutl1</i>	cut-like 1 (Drosophila)	-1.57
1442080_at	<i>Creb3l2</i>	CAMP responsive element binding protein 3-like 2	-1.57
1420624_a_at	<i>Vamp8</i>	vesicle-associated membrane protein 8	-1.57
1431246_at	<i>Iqce</i>	IQ motif containing E	-1.57
1431997_at	<i>3000002C10Rik</i>	RIKEN cDNA 3000002C10 gene	-1.57
1429173_at	<i>Dnase1l1</i>	deoxyribonuclease 1-like 1	-1.57
1448121_at	<i>Wbp2</i>	WW domain binding protein 2	-1.57
1436845_at	<i>Axin2</i>	axin2	-1.57

1427057_at	<i>C630002B14Rik</i>	RIKEN cDNA C630002B14 gene	-1.57
1429352_at	<i>Mocos</i>	molybdenum cofactor sulfurase	-1.56
1456586_x_at	<i>Mvp</i>	major vault protein	-1.56
1416655_at	<i>C1galt1c1</i>	C1GALT1-specific chaperone 1	-1.56
1434061_at	<i>Rp2h</i>	retinitis pigmentosa 2 homolog (human)	-1.56
1416279_at	<i>Ap1b1</i>	adaptor protein complex AP-1, beta 1 subunit	-1.56
1453052_at	<i>3110005G23Rik</i>	RIKEN cDNA 3110005G23 gene	-1.56
1417405_at	<i>Stard3</i>	START domain containing 3	-1.56
1435526_at	<i>Tor1aip2</i>	torsin A interacting protein 2	-1.56
1443077_at	<i>1700081L11Rik</i>	RIKEN cDNA 1700081L11 gene	-1.56
1456213_x_at	<i>Qars</i>	glutaminyl-tRNA synthetase	-1.56
1419883_s_at	<i>Atp6v1b2</i>	ATPase, H <sup>+</sup> transporting, lysosomal V1 subunit B2	-1.56
1449614_s_at	<i>AI314976 /// LOC672876</i>	expressed sequence AI314976 /// similar to Protein C6orf130 homolog	-1.56
1426994_at	<i>Phlpp</i>	PH domain and leucine rich repeat protein phosphatase	-1.55
1438934_x_at	<i>Sema4a</i>	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A	-1.55
1438905_x_at	<i>C030046I01Rik</i>	RIKEN cDNA C030046I01 gene	-1.55
1426992_at	<i>Xpr1</i>	xenotropic and polytropic retrovirus receptor 1	-1.55
1446031_at	<i>Thrap3</i>	Thyroid hormone receptor associated protein 3	-1.55
1441506_at	<i>Dcn</i>	decorin	-1.55
1426227_s_at	<i>Vps37c</i>	vacuolar protein sorting 37C (yeast)	-1.55
1419447_s_at	<i>Tbc1d1</i>	TBC1 domain family, member 1	-1.55
1459593_x_at	<i>LOC669005</i>	similar to NFkB interacting protein 1	-1.55
1454824_s_at	<i>Mtus1</i>	mitochondrial tumor suppressor 1	-1.55
1456874_at	<i>Flrt2</i>	fibronectin leucine rich transmembrane protein 2	-1.55
1456012_x_at	<i>Rnaset2</i>	ribonuclease T2	-1.55
1448129_at	<i>Arpc5</i>	actin related protein 2/3 complex, subunit 5	-1.55
1424085_at	<i>Ndufa4</i>	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4	-1.55
1416440_at	<i>Cd164</i>	CD164 antigen	-1.54
1436304_at	<i>C030003D03Rik</i>	RIKEN cDNA C030003D03 gene	-1.54
1430857_s_at	<i>Pex11c</i>	peroxisomal biogenesis factor 11c	-1.54
1440977_at	<i>Akap13</i>	A kinase (PRKA) anchor protein 13	-1.54
1424531_a_at	<i>Tcea3</i>	transcription elongation factor A (SII), 3	-1.54
1428724_at	<i>Pcf11</i>	cleavage and polyadenylation factor subunit homolog ( <i>S. cerevisiae</i> )	-1.54
1447874_x_at	<i>Smpd1</i>	sphingomyelin phosphodiesterase 1, acid lysosomal	-1.54
1451425_a_at	<i>Mkrm1</i>	makorin, ring finger protein, 1	-1.54
1460379_at	<i>Hoxb4</i>	homeo box B4	-1.54
1417203_at	<i>Ethe1</i>	ethylmalonic encephalopathy 1	-1.54
1417110_at	<i>Man1a</i>	mannosidase 1, alpha	-1.54
1459879_at	<i>4921513D23Rik</i>	RIKEN cDNA 4921513D23 gene	-1.53
1456227_x_at	<i>Rbbp7</i>	retinoblastoma binding protein 7	-1.53

1426733_at	<i>Itpk1</i>	inositol 1,3,4-triphosphate 5/6 kinase	-1.53
1447929_at	<i>Ssh3</i>	slingshot homolog 3 (Drosophila)	-1.53
1455458_x_at	<i>Gmppa</i>	GDP-mannose pyrophosphorylase A	-1.53
1423729_a_at	<i>2500002L14Rik</i>	RIKEN cDNA 2500002L14 gene	-1.53
1456624_at	<i>Wipi1</i>	WD repeat domain, phosphoinositide interacting 1	-1.53
1430148_at	<i>Rab19</i>	RAB19, member RAS oncogene family	-1.53
1444235_at	<i>1700025G04Rik</i>	RIKEN cDNA 1700025G04 gene	-1.53
1425536_at	<i>Stx3</i>	syntaxin 3	-1.53
1457924_at	<i>Mbnl1</i>	muscleblind-like 1 (Drosophila)	-1.52
1456135_s_at	<i>Pxn</i>	paxillin	-1.52
1434221_at	<i>BC030863</i>	cDNA sequence BC030863	-1.52
1451311_a_at	<i>Adipor1</i>	adiponectin receptor 1	-1.52
1452060_a_at	<i>Limk2</i>	LIM motif-containing protein kinase 2	-1.52
1455179_at	<i>Mpp7</i>	membrane protein, palmitoylated 7 (MAGUK p55 subfamily member 7)	-1.52
1453021_at	<i>Stxbp5</i>	syntaxin binding protein 5 (tomosyn)	-1.52
1456726_x_at	<i>Qars</i>	glutaminyl-tRNA synthetase	-1.52
1433420_at	<i>4930527J03Rik</i>	RIKEN cDNA 4930527J03 gene	-1.52
1426564_at	<i>Zfp553</i>	zinc finger protein 553	-1.52
1451114_at	<i>Cmtm6</i>	CKLF-like MARVEL transmembrane domain containing 6	-1.52
1456846_at	<i>LOC382639</i>	similar to RP58 protein	-1.52
1429550_at	<i>Entpd8</i>	ectonucleoside triphosphate diphosphohydrolase 8	-1.52
1448101_s_at	<i>Trim27</i>	tripartite motif protein 27	-1.52
1447297_at	<i>Slc25a36</i>	Solute carrier family 25, member 36	-1.51
1441475_at	<i>Ptk2</i>	PTK2 protein tyrosine kinase 2	-1.51
1428490_at	<i>C1galt1</i>	core 1 UDP-galactose:N-acetylgalactosamine-alpha-R beta 1,3-galactosyltransferase	-1.51
1419879_s_at	<i>Trim25</i>	tripartite motif protein 25	-1.51
1435648_at	<i>B430119L13Rik</i>	RIKEN cDNA B430119L13 gene	-1.51
1428319_at	<i>Pdlim7</i>	PDZ and LIM domain 7	-1.51
1433898_at	<i>AV025504</i>	Expressed sequence AV025504	-1.51
1438235_at	---	---	-1.51
1418978_at	<i>Sap30bp /// LOC639905</i>	SAP30 binding protein /// similar to transcriptional regulator protein	-1.51
1416804_at	<i>G430002G23Rik</i>	RIKEN cDNA G430002G23 gene	-1.50
1426258_at	<i>Sorl1</i>	sortilin-related receptor, LDLR class A repeats-containing	-1.50
1437619_x_at	<i>Ddr1</i>	discoidin domain receptor family, member 1	-1.50
1437073_x_at	<i>AV025504</i>	expressed sequence AV025504	-1.50
1428131_a_at	<i>Cdc42se1</i>	CDC42 small effector 1	-1.50

**Franco et al., Supplemental Table S4. Pathways Differentially Regulated by Smo Activation.**

Term	P-Value	Molecules
Leukocyte Extravasation Signaling	7.08E-07	<i>MSN, MMP3, PIK3CG, TIMP3, PRKD1, MAPK12, CLDN10, PXN, TIMP1, PRKCZ, MMP19, WIPF1, CLDN2, CLDN23, MMP15, CLDN11, CD44, EZR, ACTC1, ROCK2, CXCL12, SRC, PIK3C2A, JAM3, CDH5, PIK3CB, MMP17, DLC1, ACTG2 (includes EG:11468), CLDN3, VAV3, BMX, RAPGEF3, CLDN4, CLDN1, PTK2B, THY1, PLCG2, RASSF5, RAP1GAP (includes EG:5909), MAPK13</i>
Wnt/ $\beta$ -catenin Signaling	1.32E-05	<i>WIF1, WNT5A, CDH1, AKT3, DKK3, WNT5B, CDH2, BCL9, FZD1, TGFBR2, MYC, SOX9, TLE4, CD44, LRP1, GJA1, WNT9A, TCF3, SRC, SOX5 (includes EG:6660), SFRP1, CDH5, SMO, TCF4, FZD2, FRZB, FZD5, WNT2, SOX12, LEF1, TGFB3, RARG, ACVR1B, AXIN2</i>
Axonal Guidance Signaling	1.70E-05	<i>PIK3CG, WNT5A, GNB4, GNA11, MAPK12, NTNG1, ABLIM1, AKT3, PXN, NFATC4, PTCH1, PRKCZ, CHP, FZD1, GNA14, EFNB3, PFN2, SDCBP, GLI1, LIMK1, ADAM9, ROCK2, CXCL12, SEMA3A, PDGFD, GNAZ, FZD2, SEMA4D, PLXNA2, EPHA4, SLIT3, RASSF5, BMP4, PRKD1, EFNB1, LIMK2, EPHA3, WNT5B, GNG12, GLIS2, HHIP, SEMA3G, WIPF1, IGF1, MRAS, SEMA4A, ARPC5, BMP7, PDGFA, GNG11, NRP1, WNT9A, GLI3, SLIT2, ADAM17, PIK3C2A, SMO, PIK3CB, FZD5, WNT2, PDGFC, NFATC2, PTCH2</i>
Basal Cell Carcinoma Signaling	4.07E-05	<i>WNT9A, GLI3, WNT5A, PTCH1, WNT5B, TCF7, SMO, GLIS2, HHIP, FZD2, FZD1, GLI1, WNT2, FZD5, LEF1, PTCH2, BMP7, BMP4</i>
Germ Cell-Sertoli Cell Junction Signaling	6.31E-05	<i>PIK3CG, LAMC3, MAPK12, CDH1, LIMK2, PXN, PLS1, CDH2, PVRL2, JUP, MTMR2, TGFBR2, MRAS, LIMK1, PPAP2B, ACTC1, A2M, TUBA1A, MAP2K6, SRC, PIK3C2A, EPN2, PIK3CB, RHOB, ACTG2 (includes EG:11468), PVRL3, RHOU, CLINT1, MAP3K1, RHOJ, TGFB3</i>
Molecular Mechanisms of Cancer	1.17E-04	<i>PIK3CG, WNT5A, GNA11, MAPK12, CCND2, ADCY4, AKT3, CDKN1A, PTCH1, PRKCZ, HIPK2, GNA14, FZD1, MYC, TGFBR2, CASP7, GLI1, NAIP, TCF3, MAP2K6, RALBP1, SRC, ARHGEF10, GNAZ, RALGDS, E2F6, TCF4, FZD2, CASP8, RAP2A, RAPGEF3, RHOJ, ARHGEF16, BMP4, RAPGEF1, ARHGEF3, PRKD1, CDH1, ADCY7, MRAS, BRAF, BMP7, CDKN2C, LRP1, CDK4, JAK2, PIK3C2A, SMO, PIK3CB, RHOB, IRS1, JAK1, RHOU, FZD5, PTCH2, LEF1, TGFB3, MAPK13</i>
Endothelin-1 Signaling	2.82E-04	<i>PIK3CG, GNA11, PRKD1, MAPK12, NOS1, ADCY4, SHC2, HMOX1, PRKCZ, ADCY7, GNA14, MYC, CASP7, PLA2G4A, ILDR1, TMEM87B, MRAS, BRAF, CASP1, SRC, PIK3C2A, GNAZ, ITPR3, PIK3CB, PTGER2, EDNRA, NAPEPLD, CASP8, GPLD1, PLCD1, PLCG2, MAPK13</i>



Pentose and glucuronate interconversions	3.40E-04	<i>RPE, XYLB, AKR1B3, AKR1B8, UGT1A5, UGT1A6B, UGT1A2, UGT1A6A, UGT1A10, UGT1A7C, UGT1A9, DCXR</i>
Human Embryonic Stem Cell Pluripotency	4.68E-04	<i>PDGFA, PIK3CG, WNT9A, WNT5A, AKT3, PIK3C2A, PDGFD, S1PR2, FGFR1, WNT5B, TCF7, SMO, PIK3CB, FZD2, FZD1, TGFB2, FZD5, WNT2, MRAS, PDGFC, LEF1, BMP7, TGFB3, BMP4</i>
Glioma Signaling	1.66E-03	<i>PDGFA, PIK3CG, CDK4, PRKD1, MAPK12, AKT3, PIK3C2A, PDGFD, CDKN1A, EGFR, E2F6, PIK3CB, PRKCZ, CAMK1G, IGF1, MRAS, CAMK1, PDGFC, CDKN2C, PLCG2</i>
Leukocyte transendothelial migration	1.70E-03	<i>CXCL12, CDH5, PRKCB1, ITGB1, PTK2, RASSF5, MSN, PLCG2, CD99, RAPGEF3, CLDN23, PIK3CB, EZR, ESAM1, OCLN, ROCK2, CLDN4, CTNND1, IGTB2L, CXCR4, MAPK12, JAM3, CLDN1, PKCG, CLDN2, CLDN3, PXN, CTNNA1, THY1, PIK3CG, ITGAM, CLDN10, VAV3, MAPK13, CLDN18, CLDN10</i>
Glutamate Metabolism	1.86E-03	<i>GLUD1, QARS, GLUL, ABAT, MYO5B, GMPS, GFPT2, ALDH5A1, GFPT1, NAGK</i>
Prolactin Signaling	2.29E-03	<i>PIK3CG, PRKD1, MAPK12, JAK2, PIK3C2A, PDK1, TCF7, PRKCZ, PIK3CB, PRLR, IRS1, MYC, NR3C1, MRAS, SOCS2, PLCG2</i>
Thrombin Signaling	2.40E-03	<i>PIK3CG, ARHGEF3, GNB4, GNA11, PRKD1, MAPK12, ADCY4, AKT3, EGFR, GNG12, PRKCZ, ADCY7, GNA14, CAMK1G, MRAS, GATA6, F2R, GNG11, ROCK2, SRC, PIK3C2A, ARHGEF10, GNAZ, ITPR3, PIK3CB, RHOB, RHOU, CAMK1, PLCD1, RHOJ, PLCG2, ARHGEF16, MAPK13</i>
Basal cell carcinoma	2.40E-03	<i>WNT5B, FZD2, WNT16, AXIN2, TCF7, PTCH1, WNT5A, GLI1, FZD1, HHIP, BMP4, SMO, PTCH2, WNT9A, WNT2, LEF1, GLI3, TCF3</i>
Nitrogen metabolism	2.70E-03	<i>CAR5B, CAR9, CAR12, GLUD1, CTH, GLUL, CAR2, CAR3, ASRGL1, HAL</i>
Tight Junction Signaling	2.82E-03	<i>MYH11, MPP5, EPB41, AKT3, CLDN10, MPDZ, PVRL2, PRKCZ, TGFB2, CLDN2, CLDN23, CLDN11, TJP3, IGSF5, OCLN, ACTC1, CDK4, JAM3, CGN, ACTG2 (includes EG:11468), PVRL3, CLDN3, NUDT21, CLDN4, CLDN1, CRB3, TGFB3</i>
Growth Hormone Signaling	2.82E-03	<i>PIK3CG, A2M, PRKD1, MAPK12, RPS6KA6, JAK2, PIK3C2A, RPS6KA3, PRKCZ, PIK3CB, IRS1, IGF1, SOCS2, PLCG2, IGFBP3</i>
IL-8 Signaling	3.16E-03	<i>PIK3CG, GNB4, PRKD1, MAPK12, CDH1, CCND2, LIMK2, AKT3, IRAK4, EGFR, HMOX1, GNG12, PRKCZ, ITGAX, MRAS, BRAF, LIMK1, GNG11, ROCK2, SRC, PIK3C2A, PIK3CB, RHOB, NAPEPLD, RHOU, GPLD1, PTK2B, RHOJ, MAP4K4</i>
HGF Signaling	3.89E-03	<i>PIK3CG, RAPGEF1, HGF, PRKD1, MAPK12, AKT3, PXN, PIK3C2A, CDKN1A, ETS1, PIK3CB, PRKCZ, ETS2, ELF3, MRAS, MAP3K1, PLCG2, MET</i>

Ephrin Receptor Signaling	4.57E-03	<i>PIK3CG, RAPGEF1, GNB4, GNA11, EFN1, MAPK12, LIMK2, AKT3, PXN, EPHA3, GNG12, GNA14, EFN3, WIPF1, SDCBP, MRAS, ARPC5, LIMK1, PDGFA, GNG11, ROCK2, CXCL12, JAK2, SRC, PDGFD, GNAZ, PDGFC, EPHA4, MAP4K4</i>
Arginine and Proline Metabolism	5.13E-03	<i>MAOB, SAT1, NOS1, ARG2, LAP3, CKMT1B, LOXL1, ALDH5A1, AOC3, SMOX, GLUD1, CNDP1, ASL, ABP1, P4HA3, MAOA</i>
CXCR4 Signaling	5.50E-03	<i>PIK3CG, LYN, GNB4, GNA11, PRKD1, MAPK12, AKT3, ADCY4, PXN, GNG12, PRKCZ, ADCY7, GNA14, MRAS, ELMO3, GNG11, ROCK2, CXCL12, SRC, PIK3C2A, GNAZ, ITPR3, PIK3CB, RHOB, RHOU, ELMO2, RHOJ</i>
Macropinocytosis	5.50E-03	<i>PDGFA, PIK3CG, HGF, PRKD1, SRC, PIK3C2A, PDGFD, RAB34, PRKCZ, PIK3CB, PDGFC, MRAS, PLCG2, MET</i>
Acute Myeloid Leukemia Signaling	5.89E-03	<i>PIK3CG, MAPK12, MAP2K6, PIK3C2A, AKT3, FLT3LG, TCF7, JUP, PIK3CB, MYC, MRAS, BRAF, LEF1, PML, KIT</i>
Antiproliferative Role of Somatostatin Receptor 2	6.76E-03	<i>PIK3CG, GNG11, GNB4, MAPK12, NOS1, SRC, PIK3C2A, ADCY4, CDKN1A, GNG12, PIK3CB, ADCY7, MRAS, BRAF, NPR1</i>
Role of NANOG in Mammalian Embryonic Stem Cell Pluripotency	7.08E-03	<i>PIK3CG, WNT9A, WNT5A, MAPK12, JAK2, AKT3, PIK3C2A, WNT5B, SMO, PIK3CB, RIF1, FZD2, JAK1, FZD1, FZD5, WNT2, MRAS, BMP7, GATA6, BMP4</i>
Nitrogen Metabolism	8.13E-03	<i>CCBL1, CA12, HAL, GLUD1, GLUL, CA3, LOXL1, CA5B, CA2, CA9</i>
Semaphorin Signaling in Neurons	8.71E-03	<i>RHOB, ROCK2, NRP1, RHOU, SEMA4D, MAPK12, SEMA3A, LIMK2, RHOJ, CRMP1, LIMK1, MET</i>
Adherens junction	8.80E-03	<i>PVRL3, TGFB2, PVRL4, TCF7, PTPRF, PTPRJ, PVRL2, FGFR1, WASL, CTNNA1, IGF1R, PARD3, EGFR, ACVR1B, SNAI1, SRC, CDH1, PTPRM, CTNND1, PTPRB, LEF1, TCF3</i>
Toll-like Receptor Signaling	9.33E-03	<i>TLR2, LY96, TLR1, MAPK12, MAP3K1, MAP2K6, TIRAP, ECSIT, IRAK4, MAP4K4, MAPK13</i>
Tight junction	1.10E-02	<i>TJP3, MPDZ, PRKCB1, ASH1L, CGN, CDK4, PARD3, CLDN23, OCLN, CLDN4, SPNB2, SYMPK, PARD6B, CLDN1, JAM3, PRKCC, MRAS, CLDN2, PRKCH, EPB4.1, CLDN3, MYH11, PARD6G, LLGL2, CTNNA1, B230120H23Rik, CRB3, EXOC3, IGSF5, PRKCZ, SRC, CLDN11, MPP5, CLDN10, CLDN18</i>
Fcy Receptor-mediated Phagocytosis in Macrophages and Monocytes	1.12E-02	<i>PIK3CG, ACTC1, LYN, PRKD1, MAPK12, AKT3, SRC, PXN, HMOX1, PRKCZ, ACTG2 (includes EG:11468), NAPEPLD, VAV3, GPLD1, ARPC5, FGR, PTK2B, EZR</i>
Histidine Metabolism	1.15E-02	<i>SMOX, HAL, AOC3, MAOB, CNDP1, ASPA (includes EG:443), ABP1, ALDH5A1, PRPS2, MAOA</i>
Renin-Angiotensin Signaling	1.17E-02	<i>PIK3CG, AGTR2, PRKD1, MAPK12, CCL5, JAK2, PIK3C2A, ADCY4, SHC2, ITPR3, PIK3CB, PRKCZ, ADCY7, PTGER2, MRAS, MAP3K1, PTK2B, PLCG2, MAPK13</i>

Hedgehog signaling pathway	1.20E-02	<i>WNT5B, WNT16, GAS1, PTCH1, WNT5A, RAB23, GLI3, HHIP, SMO, BMP4, CSNK1G2, PTCH2, BMP7, WNT9A, WNT2, GLI1</i>
PDGF Signaling	1.41E-02	<i>PDGFA, PIK3CG, MAPK12, JAK2, SRC, PIK3C2A, PDGFD, PIK3CB, JAK1, MYC, MAP3K1, PDGFC, MRAS, PLCG2</i>
FcyRIIB Signaling in B Lymphocytes	1.45E-02	<i>PIK3CB, PIK3CG, CD79B, LYN, MAPK12, MRAS, PIK3C2A, PLCG2, BLNK</i>
Eicosanoid Metabolism	1.70E-02	<i>PTGES3, PTGIS, PTGFR, PTGER4, PTGER3, PTGER2, ALOX5AP</i>
Amyotrophic Lateral Sclerosis Signaling	1.74E-02	<i>GRIA1, NAIP, PIK3CG, NOS1, CAPN5, PIK3C2A, AKT3, GPX1, PIK3CB, GLUL, IGF1, CASP7, GRIA4, GDNF, CASP1, GRIA2</i>
p53 Signaling	1.74E-02	<i>PIK3CG, GADD45A, CDK4, PIK3C2A, CCND2, STAG1, AKT3, JMY, CDKN1A, PLAGL1, PIK3CB, HIPK2, SERPINE2, DRAM (includes EG:55332), TP63, TP53BP2</i>
Chemokine Signaling	1.78E-02	<i>PIK3CG, ROCK2, CXCL12, MAPK12, CCL5, SRC, LIMK2, CAMK1G, MRAS, CAMK1, PTK2B, LIMK1, PLCG2, MAPK13</i>
Cardiac Hypertrophy Signaling	1.95E-02	<i>PIK3CG, EIF2B3, GNB4, GNA11, MAPK12, HAND2, ADCY4, NFATC4, MEF2A (includes EG:4205), GNG12, CHP, ADCY7, GNA14, IGF1, TGFBR2, MRAS, GNG11, ROCK2, MAP2K6, PIK3C2A, GNAZ, PIK3CB, IRS1, RHOB, RHOU, MAPKAPK3, MAP3K1, PLCD1, RHOJ, TGFB3, PLCG2, MAPK13</i>
Porphyrin and chlorophyll metabolism	2.10E-02	<i>UGT1A2, UGT1A6A, UGT1A10, HMOX1, EPRS, UGT1A5, UGT1A6B, UGT1A7C, CP, HCCS,</i>
Selenoamino Acid Metabolism	2.19E-02	<i>SEPHS1, SCLY, AHCY, GGT5, ACSS2, AHCYL2</i>
Sonic Hedgehog Signaling	2.24E-02	<i>GLIS2, HHIP, GLI3, GLI1, PTCH2, PTCH1, SMO</i>
RAR Activation	2.45E-02	<i>PIK3CG, PARP1, CDK7, PRKD1, RDH10, MAPK12, AKT3, ADCY4, PRKCZ, ADCY7, RBP4, NCOA1, CITED2, NR2F1, NR2F2, JAK2, SRC, PIK3CB, MAP3K1, LRAT, RARG, TGFB3, PML, MAPK13, IGFBP3</i>
Cholecystokinin/Gastrin-mediated Signaling	2.45E-02	<i>IL1F8, ROCK2, PRKD1, MAPK12, MAP2K6, SRC, PXN, EGFR, MEF2A (includes EG:4205), ITPR3, PRKCZ, RHOB, RHOU, MRAS, EPHA4, PTK2B, RHOJ</i>
Renal Cell Carcinoma Signaling	2.51E-02	<i>PIK3CG, SLC2A1, HGF, RAPGEF1, MAPK12, PIK3C2A, AKT3, ETS1, PIK3CB, EGLN3, MRAS, TGFA, MET</i>
Coagulation System	2.51E-02	<i>F2R, BDKRB2, A2M, TFPI, F5, VWF, F13A1, THBD</i>
Melanoma Signaling	2.69E-02	<i>PIK3CB, PIK3CG, CDK4, MAPK12, MRAS, AKT3, PIK3C2A, BRAF, CDKN1A</i>
VDR/RXR Activation	2.69E-02	<i>PDGFA, HR, GADD45A, PRKD1, CCL5, CDKN1A, PRKCZ, HOXA10, NCOA1, TRPV6, MXD1, IGFBP6, THBD, IGFBP3</i>
Virus Entry via Endocytic Pathways	2.88E-02	<i>DNM2, AP1B1, PIK3CG, ACTC1, CD55, HLA-C, PRKD1, SRC, PIK3C2A, CXADR, AP1G2, PRKCZ, PIK3CB, ACTG2 (includes EG:11468), MRAS, PLCG2</i>

Integrin Signaling	3.02E-02	<i>PIK3CG, RAPGEF1, MAPK12, TSPAN6, CAPN5, AKT3, TSPAN3, PXN, WIPF1, ITGAX, MRAS, GRB7, BRAF, ARPC5, ITGAE, BCAR3, ACTC1, TSPAN4, SRC, PIK3C2A, TNK2, ARF2, PIK3CB, RHOB, RHOU, RAP2A, RHOJ, PLCG2</i>
IL-17 Signaling	3.09E-02	<i>MMP3, PIK3CG, CRP (includes EG:1401), MAPK12, MAP2K6, JAK2, PIK3C2A, AKT3, TIMP1, PIK3CB, JAK1, MRAS, MAPK13</i>
IL-4 Signaling	3.16E-02	<i>PIK3CB, IRS1, PIK3CG, IL13RA1, JAK1, NR3C1, MRAS, JAK2, NFATC2, AKT3, PIK3C2A, NFATC4</i>
Relaxin Signaling	3.24E-02	<i>PIK3CG, PDE1A, GNG11, GNB4, GNA11, MAPK12, AKT3, PIK3C2A, ADCY4, PDE4B, GNAZ, GNG12, PIK3CB, PRKCZ, ADCY7, GNA14, BRAF, PDE3B, NPR1, PDE7A</i>
HIF1 $\alpha$ Signaling	3.39E-02	<i>MMP3, EGLN1, PIK3CG, SLC2A1, P4HTM, MAPK12, NOS1, AKT3, PIK3C2A, MMP17, PIK3CB, MMP19, EGLN3, NCOA1, MRAS, MMP15, MAPK13</i>
Factors Promoting Cardiogenesis in Vertebrates	3.63E-02	<i>PRKD1, TCF7, SMO, PRKCZ, FZD1, FZD2, TGFB2, FZD5, LEF1, BMP7, ACVR1B, TGFB3, BMP4, LRP1</i>
Glycerophospholipid Metabolism	3.72E-02	<i>PPAP2C, PLA1A, GPD1, PCYT1B, LPCAT1, LPIN2, HMOX1, CHPT1, CHKA, NAPEPLD, PLA2G4A, TMEM87B, ILDR1, GPLD1, PTDSS2, PLCD1, PLCG2, GPD1L, PPAP2B</i>
Neuregulin Signaling	3.80E-02	<i>BTC, PRKD1, MAPK12, ERBB3, SRC, ADAM17, AKT3, EGFR, DCN, PRKCZ, MYC, GRB7, MRAS, TGFA, PLCG2</i>
IGF-1 Signaling	3.80E-02	<i>PIK3CG, MAPK12, AKT3, PXN, PIK3C2A, PIK3CB, PRKCZ, IRS1, IGF1, MRAS, GRB10, IGFBP7, IGFBP6, IGFBP4, IGFBP3</i>
Thyroid Cancer Signaling	3.98E-02	<i>MYC, MAPK12, MRAS, CDH1, LEF1, GDNF, BRAF, TCF7</i>
Corticotropin Releasing Hormone Signaling	4.17E-02	<i>GLI3, PRKD1, MAPK12, NOS1, ADCY4, MEF2A (includes EG:4205), ITPR3, PTCH1, SMO, PRKCZ, ADCY7, GLI1, ARPC5, PTCH2, BRAF, NPR1, PLCG2, MAPK13</i>
Neuropathic Pain Signaling In Dorsal Horn Neurons	4.37E-02	<i>GRIA1, PIK3CG, PRKD1, MAPK12, SRC, PIK3C2A, ITPR3, PIK3CB, PRKCZ, CAMK1G, KCNH2, CAMK1, PLCD1, GRIA2, PLCG2, KCNN4</i>
Synaptic Long Term Depression	4.68E-02	<i>GRIA1, LYN, PRKD1, GNA11, MAPK12, NOS1, ADCY4, GNAZ, ITPR3, PRKCZ, ADCY7, GNA14, IGF1, PLA2G4A, TMEM87B, ILDR1, MRAS, GRIA2, NPR1, PRKG2, RYR3</i>
IL-15 Production	4.79E-02	<i>PRKCZ, JAK1, IL15, JAK2, FRK, PTK2B</i>
JAK/Stat Signaling	4.90E-02	<i>PIK3CB, PIAS1, PIK3CG, JAK1, MAPK12, MRAS, JAK2, AKT3, PIK3C2A, CDKN1A, SOCS2</i>
Fructose and mannose metabolism	4.90E-02	<i>ALDOB, AKR1B3, PFKL, SORD, MPI, GMDS, AKR1B8, MTMR2, PGM1, ALDOART1, KHK, PFKFB3, HK2</i>
Melanoma	5.00E-02	<i>BRAF, FGF8, RAF1, PDGFC, IGF1, FGFR1, E2F1, FGF9, CDKN1A, CDK4, HGF, IGF1R, PIK3CG, EGFR, FGF7, CDK6, PIK3CB, CDH1, PDGFA, PDGFD</i>

**Franco et al., Supplemental Table S5. Chondrocytic Signature in SmoM2 Uterus.  
Increased**

<b>Gene Symbol</b>	<b>Gene Name</b>
<i>ADD3</i>	adducin 3 (gamma)
<i>AKT3</i>	v-akt murine thymoma viral oncogene homolog 3 (protein kinase B, gamma)
<i>ALS2CR19</i>	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 19
<i>APCDD1</i>	adenomatosis polyposis coli down-regulated 1
<i>APOD</i>	apolipoprotein D
<i>APRIN</i>	androgen-induced proliferation inhibitor
<i>ARHGEF10</i>	Rho guanine nucleotide exchange factor (GEF) 10
<i>ARL4A</i>	ADP-ribosylation factor-like 4A
<i>BAALC</i>	brain and acute leukemia, cytoplasmic
<i>BTF3L4</i>	basic transcription factor 3-like 4
<i>C20orf121</i>	chromosome 20 open reading frame 121
<i>C21orf91</i>	chromosome 21 open reading frame 91
<i>C3orf64</i>	chromosome 3 open reading frame 64
<i>C9orf19</i>	chromosome 9 open reading frame 19
<i>CALCRL</i>	calcitonin receptor-like
<i>CAST</i>	Calpastatin
<i>CCDC8</i>	coiled-coil domain containing 8
<i>CCDC91</i>	Coiled-coil domain containing 91
<i>CCND2</i>	Cyclin D2
<i>CD302</i>	CD302 molecule
<i>COL11A1</i>	collagen, type XI, alpha 1
<i>CRTAP</i>	cartilage associated protein
<i>CTR9</i>	Ctr9, Paf1/RNA polymerase II complex component, homolog ( <i>S. cerevisiae</i> )
<i>DC-UbP</i>	dendritic cell-derived ubiquitin-like protein
<i>DLEU8</i>	Deleted in lymphocytic leukemia 8
<i>E2F6</i>	E2F transcription factor 6
<i>EBF</i>	early B-cell factor
<i>EIF5A2</i>	eukaryotic translation initiation factor 5A2
<i>ENSA</i>	endosulfine alpha
<i>FAH</i>	fumarylacetoacetate hydrolase (fumarylacetoacetase)
<i>FAM125B</i>	family with sequence similarity 125, member B
<i>FKBP7</i>	FK506 binding protein 7
<i>FLJ20366</i>	hypothetical protein FLJ20366
<i>FLJ35779</i>	hypothetical protein FLJ35779
<i>GLI3</i>	GLI-Kruppel family member GLI3 (Greig cephalopolysyndactyly syndrome)
<i>GLUL</i>	glutamate-ammonia ligase (glutamine synthetase)
<i>GPIAP1</i>	GPI-anchored membrane protein 1
<i>GSTA4</i>	glutathione S-transferase A4
<i>HPS3</i>	Hermansky-Pudlak syndrome 3
<i>IFT80</i>	intraflagellar transport 80 homolog ( <i>Chlamydomonas</i> )
<i>ING3</i>	inhibitor of growth family, member 3
<i>ITGBL1</i>	Integrin, beta-like 1 (with EGF-like repeat domains)
<i>KLF12</i>	Kruppel-like factor 12
<i>KLHDC5</i>	kelch domain containing 5
<i>LAMA2</i>	Laminin, alpha 2 (merosin, congenital muscular dystrophy)
<i>LARP7</i>	La ribonucleoprotein domain family, member 7
<i>MAOA</i>	monoamine oxidase A
<i>MDS032</i>	uncharacterized hematopoietic stem/progenitor cells protein MDS032

<i>NDFIP1</i>	Nedd4 family interacting protein 1
<i>NEXN</i>	nexilin (F actin binding protein)
<i>NID1</i>	nidogen 1
<i>NUDT21</i>	nudix (nucleoside diphosphate linked moiety X)-type motif 21
<i>NUP107</i>	nucleoporin 107kDa
<i>OMD</i>	osteomodulin
<i>ORC3L</i>	origin recognition complex, subunit 3-like (yeast)
<i>PCDH18</i>	protocadherin 18
<i>PDE1A</i>	phosphodiesterase 1A, calmodulin-dependent
<i>PDGFC</i>	Platelet derived growth factor C
<i>PIAS1</i>	Protein inhibitor of activated STAT, 1
<i>PKIA</i>	Protein kinase (cAMP-dependent, catalytic) inhibitor alpha
<i>PPM1F</i>	protein phosphatase 1F (PP2C domain containing)
<i>PQLC3</i>	PQ loop repeat containing 3
<i>PRKD1</i>	protein kinase D1
<i>PTGFR</i>	prostaglandin F receptor (FP)
<i>RPL22</i>	ribosomal protein L22
<i>SART2</i>	Squamous cell carcinoma antigen recognized by T cells 2
<i>SEPHS1</i>	selenophosphate synthetase 1
<i>SERPINF1</i>	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1
<i>SERTAD4</i>	SERTA domain containing 4
<i>SHC2</i>	SHC (Src homology 2 domain containing) transforming protein 2
<i>SLC27A3</i>	solute carrier family 27 (fatty acid transporter), member 3
<i>SMOC2</i>	SPARC related modular calcium binding 2
<i>SNAG1</i>	sorting nexin associated golgi protein 1
<i>STAG1</i>	stromal antigen 1
<i>TCF8</i>	transcription factor 8 (represses interleukin 2 expression)
<i>TLE4</i>	transducin-like enhancer of split 4 (E(sp1) homolog, Drosophila)
<i>TMEM100</i>	transmembrane protein 100
<i>TSHZ1</i>	teashirt family zinc finger 1
<i>USP1</i>	ubiquitin specific peptidase 1
<i>VIT</i>	vitrin
<i>WASPIP</i>	Wiskott-Aldrich syndrome protein interacting protein
<i>ZMAT3</i>	zinc finger, matrin type 3
<i>ZNF423</i>	zinc finger protein 423

### **Decreased**

<b>Gene Symbol</b>	<b>Gene Name</b>
<i>ADAM9</i>	ADAM metallopeptidase domain 9 (meltrin gamma)
<i>ADIPOR1</i>	adiponectin receptor 1 /// adiponectin receptor 1
<i>ALPL</i>	alkaline phosphatase, liver/bone/kidney
<i>ATP2C1</i>	ATPase, Ca <sup>++</sup> transporting, type 2C, member 1
<i>B4GALT1</i>	UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1
<i>C10orf10</i>	chromosome 10 open reading frame 10
<i>C20orf112</i>	Chromosome 20 open reading frame 112
<i>CD2AP</i>	CD2-associated protein
<i>COTL1</i>	Coactosin-like 1 (Dictyostelium)
<i>COX5A</i>	cytochrome c oxidase subunit Va
<i>DDR1</i>	discoidin domain receptor family, member 1
<i>DERL3</i>	Der1-like domain family, member 3
<i>EGLN1</i>	egl nine homolog 1 (C. elegans)

<i>ETHE1</i>	ethylmalonic encephalopathy 1
<i>ETS2</i>	v-ets erythroblastosis virus E26 oncogene homolog 2 (avian)
<i>FAM101B</i>	family with sequence similarity 101, member B
<i>GLIS3</i>	GLIS family zinc finger 3
<i>GPRC5A</i>	G protein-coupled receptor, family C, group 5, member A
<i>HMOX1</i>	heme oxygenase (decycling) 1
<i>HOMER1</i>	homer homolog 1 (Drosophila)
<i>HOXB6</i>	homeobox B6
<i>IBRDC3</i>	IBR domain containing 3
<i>IL13RA1</i>	interleukin 13 receptor, alpha 1
<i>IVNS1ABP</i>	influenza virus NS1A binding protein
<i>JUP</i>	junction plakoglobin
<i>KCNK1</i>	Potassium channel, subfamily K, member 1
<i>KIAA0319L</i>	KIAA0319-like
<i>KIAA1539</i>	KIAA1539
<i>LDHD</i>	lactate dehydrogenase D
<i>LOC150084</i>	hypothetical protein LOC150084
<i>MSX1</i>	msh homeobox homolog 1 (Drosophila)
<i>MTMR2</i>	myotubularin related protein 2
<i>MYH11</i>	myosin, heavy polypeptide 11, smooth muscle
<i>MYO5B</i>	myosin VB
<i>PDLIM7</i>	PDZ and LIM domain 7 (enigma)
<i>PDXK</i>	pyridoxal (pyridoxine, vitamin B6) kinase
<i>PFKFB3</i>	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 3
<i>PGM2</i>	phosphoglucomutase 2
<i>PML</i>	promyelocytic leukemia
<i>PRKCBP1</i>	Protein kinase C binding protein 1
<i>PTP4A1</i>	Protein tyrosine phosphatase type IVA, member 1
<i>PVRL2</i>	poliovirus receptor-related 2 (herpesvirus entry mediator B)
<i>RAB20</i>	RAB20, member RAS oncogene family
<i>RASD1</i>	RAS, dexamethasone-induced 1
<i>SEMA3A</i>	sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3A
<i>SIPA1L1</i>	Signal-induced proliferation-associated 1 like 1
<i>SLC16A3</i>	Solute carrier family 16 (monocarboxylic acid transporters), member 3
<i>SLC24A3</i>	Solute carrier family 24 (sodium/potassium/calcium exchanger), member 3
<i>SMOX</i>	spermine oxidase
<i>SMTN</i>	Smoothelin
<i>SNX5</i>	sorting nexin 5
<i>TGM2</i>	transglutaminase 2 (C polypeptide, protein-glutamine-gamma-glutamyltransferase)
<i>TJP3</i>	tight junction protein 3 (zona occludens 3)
<i>TNS1</i>	tensin 1
<i>WBP2</i>	WW domain binding protein 2
<i>WNK4</i>	WNK lysine deficient protein kinase 4
<i>WWC1</i>	WW, C2 and coiled-coil domain containing 1
<i>YIPF6</i>	Yip1 domain family, member 6

\*Compared to Mrugala et. al. (2009) Cloning and Stem Cells

**Franco et al., Supplemental Table S6. Cartilage Specific Genes in the SmoM2 Uterus.**

<b>Gene Symbol</b>	<b>Gene Name</b>
<i>Col11a1</i>	collagen, type XI, alpha 1
<i>Serpine2</i>	serine (or cysteine) peptidase inhibitor, clade E, member 2
<i>Ptgfr</i>	prostaglandin F receptor
<i>Has2</i>	hyaluronan synthase 2
<i>Ednra</i>	endothelin receptor type A
<i>Pdgn</i>	podoplanin
<i>Rnf24</i>	ring finger protein 24
<i>Thbs3</i>	thrombospondin 3
<i>Setd5</i>	SET domain containing 5
<i>Cd44</i>	CD44 antigen
<i>Snx5</i>	sorting nexin 5
<i>Glis3</i>	GLIS family zinc finger 3
<i>Mmp3</i>	matrix metalloproteinase 3

\*compared to Funari et. al. (2007) BMC Genomics 8:165.