

Table S1: All significantly changed probe sets resulting from SAM analysis of NM vs WT comparisons in different muscle types.

Affy ID#	Fold Change	Gene Name	Gene Symbol
98616_f_at	10.76	myosin, heavy polypeptide 7, cardiac muscle, beta	Myh7
93050_at	10.62	myosin light chain, phosphorylatable, cardiac ventricles	Myhpc
97786_at	8.68	ankyrin repeat domain 2 (stretch responsive muscle)	Ankrd2
101063_at	7.91	troponin C, cardiac/slow skeletal	Tncc
161361_s_at	7.02	troponin T1, skeletal, slow	Tnnt1
103084_at	5.55	cysteine-rich protein 3	Csrp3
99570_s_at	3.76	ATPase, Ca++ transporting, cardiac muscle, slow twitch 2	Atp2a2
98596_s_at	3.69	sialyltransferase 9 (CMP-NeuAc:lactosylceramide alpha-2,3-sialyltransferase)	Siat9
161045_at	3.50	leucine rich repeat protein 1, neuronal	Lrrn1
98561_at	3.47	troponin I, skeletal, slow 1	Tnni1
100554_at	3.00	PDZ and LIM domain 1 (elfin)	Pdlim1
97844_at	2.99	regulator of G-protein signaling 2	Rgs2
94427_at	2.93	coatomer protein complex, subunit gamma 1	Copg1
103526_at	2.54	peptidyl arginine deiminase, type II	Padi2
102213_at	2.38	cardiac morphogenesis	Xin
102378_at	2.29	sarcospan	Sspn
100472_at	2.21	enabled homolog (Drosophila)	Enah
98553_at	2.17	sarcolemma associated protein	Smap
160913_at	2.16	nebulin-related anchoring protein	Nrap
95620_at	2.14	RIKEN cDNA 2310016E22 gene	2310016E22Rik
161980_f_at	2.12	Bcl2-associated athanogene 3	Bag3
103824_at	2.12	Wolfram syndrome 1 homolog (human)	Wfs1
95462_at	2.06	basic leucine zipper and W2 domains 2	Bzw2
100555_at	2.04	Down syndrome critical region homolog 1 (human)	Dscr1
93053_at	2.04	calsequestrin 2	Casq2
160801_at	2.01	RIKEN cDNA 2310009N05 gene	2310009N05Rik
95531_at	1.97	RIKEN cDNA E230009N18 gene	E230009N18Rik
93315_at	1.96	mitogen activated protein kinase kinase 3	Map2k3
103483_at	1.96	excision repair cross-complementing rodent repair deficiency, complementation group 5	Erc5
95703_at	1.95	ubiquitin-like 1 (sentrin) activating enzyme E1A	Uble1a
94536_s_at	1.94	RIKEN cDNA 2900073G15 gene	2900073G15Rik
98402_at	1.92	Fas-associated factor 1	Faf1
104342_i_at	1.92	RIKEN cDNA 2310004B05 gene	2310004B05Rik
95282_at	1.90	heat shock protein, 1	Hsp86-1
104305_at	1.88	RIKEN cDNA 1500002I10 gene	1500002I10Rik
97386_at	1.85	expressed sequence AI430822	AI430822
104634_at	1.84	LIM and senescent cell antigen-like domains 1	Lims1
101484_at	1.83	next to the Brca1	Nbr1
100912_at	1.82	RIKEN cDNA 2410012M04 gene	2410012M04Rik
93836_at	1.82	BCL2/adenovirus E1B 19 kDa-interacting protein 1, NIP3	Bnip3
96217_at	1.82	polymerase (DNA directed), beta	Polb
97395_at	1.81	DNA segment, Chr 19, Wayne State University 55, expressed	D19Wsu55e
93768_f_at	1.80	origin recognition complex, subunit 3-like (S. cerevisiae)	Orc3l
96075_at	1.80	WD repeat domain 1	Wdr1
102714_at	1.80	heat shock protein 1-like	Hspa1l
97369_g_at	1.80	A kinase (PRKA) anchor protein 1	Akap1
96167_at	1.79	Bcl2-associated athanogene 3	Bag3
92794_f_at	1.78	expressed in non-metastatic cells 1, protein (NM23A) (nucleoside diphosphate kinase)	Nme1
95010_at	1.78	Tnf receptor-associated factor 3	Traf3
93767_i_at	1.77	origin recognition complex, subunit 3-like (S. cerevisiae)	Orc3l
94954_at	1.76	DNA segment, Chr 5, ERATO Doi 249, expressed	D5Erttd249e
94066_at	1.75	ring finger protein 14	Rnf14
100636_at	1.74	eukaryotic translation initiation factor 4E binding protein 1	Eif4ebp1
92857_at	1.74	ribosomal protein L22	Rpl22
104110_at	1.74	cDNA sequence BC031407	BC031407
93562_at	1.73	RIKEN cDNA 2700033I16 gene	2700033I16Rik
160449_at	1.72	down-regulator of transcription 1	Dr1
95618_at	1.72	DNA segment, Chr 6, ERATO Doi 32, expressed	D6Erttd32e
97242_at	1.72	RIKEN cDNA 0610010O12 gene	0610010O12Rik
160683_at	1.72	RIKEN cDNA C330005L02 gene	C330005L02Rik

103574_at	1.72	Mus musculus, clone IMAGE:5401801, mRNA	
160335_at	1.72	glutamate-cysteine ligase , modifier subunit	Gclm
93590_at	1.71	RIKEN cDNA 1200015G06 gene	1200015G06Rik
160614_at	1.69	phosphatase and tensin homolog	Pten
94299_at	1.68	RIKEN cDNA 2310042E05 gene	2310042E05Rik
160607_at	1.68	par-3 (partitioning defective 3) homolog (C. elegans)	Pard3
94366_at	1.68	RIKEN cDNA 2310079N02 gene	2310079N02Rik
96802_at	1.68	programmed cell death protein 7	Pdcd7
99641_at	1.67	DNA segment, Chr 2, Brigham & Women's Genetics 0891 expressed	D2Bwg0891e
95044_at	1.67	endothelial-derived gene	Eg1-pending
104311_at	1.67	RIKEN cDNA 1300013G12 gene	1300013G12Rik
101002_at	1.67	ornithine decarboxylase antizyme inhibitor	Oazin
98024_at	1.66	nuclear transcription factor-Y beta	Nfyb
104378_at	1.66	paraoxonase 2	Pon2
96288_at	1.66	RIKEN cDNA 3110038B19 gene	3110038B19Rik
101367_at	1.66	dynactin 1	Dctn1
95129_at	1.65	nuclear receptor co-repressor 2	Ncor2
95626_at	1.65	xeroderma pigmentosum, complementation group C	Xpc
97309_at	1.64	RIKEN cDNA 3110002K08 gene	3110002K08Rik
102032_at	1.64	twisted gastrulation protein	Twg-pending
104739_at	1.64	RIKEN cDNA 9130410M22 gene	9130410M22Rik
104070_at	1.64	p300/CBP-associated factor	Pcaf
94040_at	1.64	enhancer of rudimentary homolog (Drosophila)	Erh
98476_at	1.63	ankyrin 3, epithelial	Ank3
97932_f_at	1.62	CD151 antigen	Cd151
98547_at	1.62	mitochondrial ribosomal protein S12	Mrps12
98059_s_at	1.62	lamin A	Lmna
104046_at	1.62	ariadne ubiquitin-conjugating enzyme E2 binding protein homolog 1 (Drosophila)	Arih1
98451_at	1.61	DnaJ (Hsp40) homolog, subfamily B, member 10	Dnajb10
102265_at	1.61	myogenic factor 6	Myf6
97817_at	1.61	small protein effector 1 of Cdc42	Spec1-pending
96876_at	1.61	lysosomal-associated protein transmembrane 4A	Laptm4a
104076_at	1.61	RIKEN cDNA 1190017O12 gene	1190017O12Rik
93011_at	1.61	gamma-aminobutyric acid (GABA(A)) receptor-associated protein-like 1	Gabarapl1
93261_at	1.60	legumain	Lgmn
103330_at	1.60	spermatid perinuclear RNA binding protein	Spnr
94362_at	1.60	RIKEN cDNA 3010033P07 gene	3010033P07Rik
102965_at	1.60	Mus musculus 13 days embryo forelimb cDNA, RIKEN full-length enriched library, clone:5930414A15 product:hypothetical EF-hand containing protein, full insert sequence.	
93025_at	1.60	Nedd4 family interacting protein 1	Ndfip1
96079_at	1.60	RIKEN cDNA 0610010K06 gene	0610010K06Rik
103288_at	1.59	nuclear receptor interacting protein 1	Nrip1
160885_at	1.59	RIKEN cDNA 2700010L10 gene	2700010L10Rik
97105_at	1.59	Mus musculus adult male hypothalamus cDNA, RIKEN full-length enriched library, clone:A230108E06 product:unknown EST, full insert sequence.	
93874_s_at	1.59	interleukin 11 receptor, alpha chain 2	Il11ra2
160126_at	1.59	mitogen-activated protein kinase kinase 1 interacting protein 1	Map2k1ip1
101023_f_at	1.59	RIKEN cDNA 0610010E21 gene	0610010E21Rik
94073_at	1.58	polymerase (RNA) II (DNA directed) polypeptide G	Polr2g
94340_at	1.58	RIKEN cDNA 1110004L07 gene	1110004L07Rik
96023_at	1.57	cDNA sequence BC032215	BC032215
92241_at	1.57	RIKEN cDNA 1500041O16 gene	1500041O16Rik
99481_at	1.57	expressed sequence AW060654	AW060654
160227_s_at	1.56	bystin-like	Bysl
94817_at	1.56	serine (or cysteine) proteinase inhibitor, clade H, member 1	Serpinh1
94876_f_at	1.56	golgi reassembly stacking protein 2	Gorasp2
99127_at	1.56	spinocerebellar ataxia 10 homolog (human)	Sca10
104015_at	1.55	methionyl aminopeptidase 1	Metap1
103350_at	1.55	proteasome (prosome, macropain) 26S subunit, non-ATPase, 7	Psmc7
99665_at	1.54	special AT-rich sequence binding protein 1	Satb1
99953_at	1.54	ral guanine nucleotide dissociation stimulator,-like 2	Rgl2
101104_at	1.54	Down syndrome critical region gene 3	Dscr3
97265_at	1.54	RIKEN cDNA 1810013D10 gene	1810013D10Rik

99025_at	1.54	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 19	Ddx19
100089_at	1.54	peptidylprolyl isomerase C	Ppic
103090_at	1.54	basic FGF repressed, Zic binding protein	Bfzb-pending
98875_at	1.54	DNA segment, Chr 2, ERATO Doi 391, expressed	D2ErtD391e
94359_at	1.54	expressed sequence AA960558	AA960558
160866_at	1.53	DNA fragmentation factor, alpha subunit	Dffa
98633_at	1.53	RIKEN cDNA 1200015A22 gene	1200015A22Rik
98912_at	1.53	Mus musculus 2 days neonate thymus thymic cells cDNA, RIKEN full-length enriched library, clone:E430005I09 product:weakly similar to C-MPL BINDING PROTEIN [Homo sapiens], full insert sequence.	
101086_f_at	1.53	cellular nucleic acid binding protein	Cnbp
101973_at	1.52	Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2	Cited2
93451_at	1.52	ESTs	
98893_at	1.52	RIKEN cDNA 2610016F04 gene	2610016F04Rik
100877_at	1.52	RIKEN cDNA 1810058I24 gene	1810058I24Rik
94030_at	1.51	DNA segment, Chr 3, ERATO Doi 176, expressed	D3ErtD176e
92554_at	1.51	C-terminal binding protein 2	Ctbp2
98111_at	1.51	heat shock protein	Hsp105
101516_at	1.51	CD59a antigen	Cd59a
96245_at	1.51	DNA segment, Chr 11, ERATO Doi 619, expressed	D11ErtD619e
92999_at	1.51	sine oculis-related homeobox 4 homolog (Drosophila)	Six4
94264_at	1.50	v-raf-1 leukemia viral oncogene 1	Raf1
102302_at	1.50	branched chain ketoacid dehydrogenase E1, beta polypeptide	Bckdhb

Significantly changed in NM GAS versus WT GAS

Affy ID#	Fold Change	Gene Name	Gene Symbol
97786_at	2.73	ankyrin repeat domain 2 (stretch responsive muscle)	Ankrd2
103084_at	2.37	cysteine-rich protein 3	Csrp3
102213_at	2.05	cardiac morphogenesis	Xin
103699_i_at	1.69	Mus musculus 10 days neonate cerebellum cDNA, RIKEN full-length enriched library, clone:B930095M03 product:similar to FRAT2 [Homo sapiens], full insert sequence.	
93285_at	1.67	dual specificity phosphatase 6	Dusp6
97971_at	1.59	5phosphorylase kinase, gamma 2 (testis)	Phkg2
96802_at	1.58	programmed cell death protein 7	Pdcd7
96167_at	1.54	Bcl2-associated athanogene 3	Bag3

Significantly changed in NM DIA versus WT DIA

Affy ID#	Fold Change	Gene Name	Gene Symbol
97786_at	6.68	ankyrin repeat domain 2 (stretch responsive muscle)	Ankrd2
103084_at	3.96	cysteine-rich protein 3	Csrp3
103526_at	3.14	peptidyl arginine deiminase, type II	Padi2
160913_at	2.31	nebulin-related anchoring protein	Nrap
102714_at	1.90	heat shock protein 1-like	Hspa11
97395_at	1.81	DNA segment, Chr 19, Wayne State University 55, expressed	D19Wsu55e
104098_at	-1.50	peroxisomal membrane protein 2, 22 kDa	Pxmp2
162403_at	-1.50	RIKEN cDNA 0610013D04 gene	0610013D04Rik
98385_at	-1.50	protein tyrosine phosphatase, non-receptor type 14	Ptpn14
102362_i_at	-1.50	Jun-B oncogene	Junb
93753_at	-1.50	LPS-induced TN factor	Litaf
104492_at	-1.50	early B-cell factor 3	Ebf3
160118_at	-1.50	matrix metalloproteinase 14 (membrane-inserted)	Mmp14
97886_at	-1.50	sepiapterin reductase	Spr
93965_r_at	-1.50	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 6	Ddx6
98169_s_at	-1.50	frizzled homolog 3 (Drosophila)	Fzd3
161859_f_at	-1.50	synuclein, gamma	Sncg
100425_at	-1.50	spleen tyrosine kinase	Syk
104031_at	-1.50	patched homolog	Ptch
95986_at	-1.50	ESTs, Weakly similar to PGBM_HUMAN Basement membrane-specific heparan sulfate proteoglycan core protein precursor (HSPG) (Perlecan) (PLC) [H.sapiens]	
96888_at	-1.50	aldo-keto reductase family 1, member A4 (aldehyde reductase)	Akr1a4
92540_f_at	-1.50	spermidine synthase	Srm
99439_at	-1.50	MAS1 oncogene	Mas1

100448_at	-1.51	activin A receptor, type II-like 1	Acvr1l
97176_at	-1.51		
104529_at	-1.51	calcium modulating ligand	Cam1
103606_r_at	-1.51	regulator of G-protein signaling 19	Rgs19
160633_at	-1.51	RNA and export factor binding protein 1	Refbp1
96001_at	-1.51	cDNA sequence BC024322	BC024322
93680_at	-1.51	serine/threonine kinase 10	Stk10
101165_at	-1.51		
100397_at	-1.51	TYRO protein tyrosine kinase binding protein	Tyrobp
98002_at	-1.51	interferon consensus sequence binding protein	Icsbp
160963_at	-1.51	RIKEN cDNA 9630050M13 gene	9630050M13Rik
92245_at	-1.51	Mus musculus 12 days embryo male wolffian duct includes surrounding region cDNA, RIKEN full-length enriched library, clone:6720481A07 product:nucleolar protein GU2, full insert sequence.	
97871_at	-1.51	ERO1-like (<i>S. cerevisiae</i>)	Ero1l
95308_at	-1.51	adenylate cyclase 4	Adcy4
93042_at	-1.51	benzodiazepine receptor, peripheral	Bzrp
94886_at	-1.51	calnexin	Canx
95745_g_at	-1.51		
161432_f_at	-1.51	squamous cell carcinoma antigen recognized by T-cells 3	Sart3
102356_at	-1.51	RIKEN cDNA 0710008A13 gene	0710008A13Rik
96318_at	-1.51	interleukin 25	Il25
93799_at	-1.51	Mus musculus 3 days neonate thymus cDNA, RIKEN full-length enriched library, clone:A630082L06 product:unknown EST, full insert sequence.	
98938_at	-1.51	RIKEN cDNA 1500026D16 gene	1500026D16Rik
101029_f_at	-1.51	actin, alpha, cardiac	Actc1
101486_at	-1.51	proteasome (prosome, macropain) subunit, beta type 10	Psmb10
98984_f_at	-1.51	glycerol phosphate dehydrogenase 1, mitochondrial	Gpd2
93342_at	-1.51	Mki67 (FHA domain) interacting nucleolar phosphoprotein	Mki67ip
92223_at	-1.51	complement component 1, q subcomponent, gamma polypeptide	C1qg
94788_f_at	-1.51	tubulin, beta 5	Tubb5
103654_at	-1.51	nucleosome binding protein 1	Nsbp1
160746_at	-1.51	Rho-associated coiled-coil forming kinase 1	Rock1
99662_at	-1.51	pericentrin 2	Pcnt2
98950_at	-1.51	small GTPase, homolog (<i>S. cerevisiae</i>)	Gtr2
96884_at	-1.51	DNA segment, Chr 16, ERATO Doi 465, expressed	D16Erd465e
92631_f_at	-1.51	calmodulin 3	Calm3
94774_at	-1.51	interferon activated gene 202A	Ifi202a
160250_at	-1.51	RIKEN cDNA 1810029G24 gene	1810029G24Rik
162501_at	-1.51	B-cell receptor-associated protein 37	Bcap37
160310_at	-1.52	DNA segment, Chr 19, Brigham & Women's Genetics 1357 expressed	D19Bwg1357e
99405_at	-1.52	immunoglobulin kappa chain variable 8 (V8)	Igk-V8
102887_at	-1.52	tumor necrosis factor receptor superfamily, member 11b (osteoprotegerin)	Tnfrsf11b
160399_r_at	-1.52	H2A histone family, member Y	H2afy
160265_at	-1.52	hypothetical protein MGC36374	MGC36374
94766_at	-1.52	eukaryotic translation elongation factor 1 alpha 1	Eef1a1
96156_at	-1.52	RIKEN cDNA 1110008H02 gene	1110008H02Rik
96128_at	-1.52	PCTAIRE-motif protein kinase 3	Pctk3
161250_at	-1.52	importin 4a	Imp4a-pending
102866_at	-1.52	TEA domain family member 4	Tead4
160502_at	-1.52	cellular repressor of E1A-stimulated genes	Creg
102642_at	-1.52	solute carrier family 11 (proton-coupled divalent metal ion transporters), member 2	Slc11a2
93378_at	-1.52	homeo box C8	Hoxc8
98931_at	-1.52	RIKEN cDNA 2610016K11 gene	2610016K11Rik
94545_at	-1.52	reticulon 1	Rtn1
103016_s_at	-1.52	CD68 antigen	Cd68
160803_at	-1.52	DNA segment, Human S2298E	D0H8S2298E
99956_at	-1.52	kit oncogene	Kit
101781_f_at	-1.52		
160211_at	-1.52	DNA segment, Chr 17, Wayne State University 94, expressed	D17Wsu94e
93033_at	-1.52	ubiquitin-conjugating enzyme E2E 3, UBC4/5 homolog (yeast)	Ube2e3
160749_at	-1.52	RIKEN cDNA 1500011H22 gene	1500011H22Rik
104148_at	-1.52	expressed sequence AI785303	AI785303
102306_at	-1.52	heparan sulfate 2-O-sulfotransferase 1	Hs2st1

94282_at	-1.52	N-acylsphingosine amidohydrolase 1	Asah1
98104_at	-1.52	ATPase, H ⁺ transporting, V0 subunit B	Atp6v0b
97529_at	-1.52	annexin A8	Anxa8
103707_at	-1.52	complement component 3a receptor 1	C3ar1
162442_r_at	-1.52	adaptor protein complex AP-2, mu1	Ap2m1
104513_at	-1.52	RIKEN cDNA 2410004N09 gene	2410004N09Rik
160302_at	-1.52	RIKEN cDNA 1200003C05 gene	1200003C05Rik
94275_at	-1.52	uroporphyrinogen decarboxylase	Urod
97017_f_at	-1.52	secreted acidic cysteine rich glycoprotein	Sparc
92796_at	-1.52	alkaline phosphatase 2, liver	Akp2
92597_s_at	-1.52	ATPase, H ⁺ transporting, V1 subunit B, isoform 2	Atp6v1b2
104231_at	-1.52	similar to heterogeneous nuclear ribonucleoprotein H3, isoform a [Homo sapiens]	LOC216024
93298_at	-1.52	3'-phosphoadenosine 5'-phosphosulfate synthase 1	Papss1
98500_at	-1.52	interleukin 1 receptor-like 1	Il1rl1
96200_at	-1.52	RIKEN cDNA 2410018C03 gene	2410018C03Rik
100828_at	-1.53	myosin light chain, alkali, cardiac atria	Myla
102389_s_at	-1.53	growth associated protein 43	Gap43
100488_at	-1.53	acid beta glucosidase	Gba
94473_at	-1.53	RIKEN cDNA 1810010L20 gene	1810010L20Rik
102643_at	-1.53	homeo box A2	Hoxa2
101300_at	-1.53		
103352_at	-1.53	dolichyl-phosphate (UDP-N-acetylglucosamine) acetylglucosaminophosphotransferase 1 (GlcNAc-1-P transferase)	Dpagt1
93073_at	-1.53	nuclear factor of activated T-cells, cytoplasmic 2	Nfatc2
103080_at	-1.53	SAM domain and HD domain, 1	Samhd1
96087_at	-1.53	mannoside acetylglucosaminyltransferase 1	Mgat1
93980_at	-1.53	cDNA sequence BC019943	BC019943
160496_s_at	-1.53	mini chromosome maintenance deficient (S. cerevisiae)	Mcmd
97164_at	-1.53	RIKEN cDNA 2610207P08 gene	2610207P08Rik
103381_at	-1.53	RIKEN cDNA 1810024J13 gene	1810024J13Rik
103619_at	-1.53	RIKEN cDNA 1810044O22 gene	1810044O22Rik
98543_at	-1.53	cathepsin S	Ctss
96781_at	-1.53	expressed sequence AL023001	AL023001
160532_at	-1.53	tropomyosin 1, alpha	Tpm1
102724_at	-1.53	rabaptin 5	Rab5ep-pending
93698_at	-1.53	SRY-box containing gene 13	Sox13
99039_g_at	-1.53	adenylosuccinate synthetase 2, non muscle	Adss2
95555_at	-1.53	unc119 homolog (C. elegans)	Unc119h
162347_f_at	-1.53	biglycan	Bgn
96154_at	-1.53	renin binding protein	Renbp
100584_at	-1.53	annexin A4	Anxa4
103971_at	-1.54	purinergic receptor P2X, ligand-gated ion channel, 1	P2rx1
161363_r_at	-1.54	galactokinase 1	Galk1
92743_at	-1.54	sperm adhesion molecule	Spam
102767_at	-1.54	RIKEN cDNA 2010305F15 gene	2010305F15Rik
98018_at	-1.54	protein C receptor, endothelial	Procr
97921_at	-1.54	Mus musculus, clone IMAGE:3494258, mRNA, partial cds	
101905_at	-1.54	itchy	Itch
160447_at	-1.54	hippocampus abundant gene transcript 1	Hiat1
95165_at	-1.54	sema domain, transmembrane domain (TM), and cytoplasmic domain, (semaphorin) 6D	Sema6d
94757_at	-1.54	cystic fibrosis transmembrane conductance regulator homolog	Cfr
93604_f_at	-1.54	immunoglobulin superfamily, member 4	Igsf4
94503_at	-1.54	cell line NK14 derived transforming oncogene	Mel
160194_at	-1.54	glutaryl-Coenzyme A dehydrogenase	Gcdh
102054_at	-1.54	ankyrin repeat hooked to zinc finger motif	Ankhnz
97488_at	-1.54	RIKEN cDNA 1200011O22 gene	1200011O22Rik
93058_at	-1.54	eukaryotic translation initiation factor 1A	Eif1a
100976_at	-1.54	protein tyrosine phosphatase, non-receptor type 9	Ptpn9
96333_g_at	-1.54	sorting nexin 2	Snx2
93443_at	-1.54	RIKEN cDNA 1110027O12 gene	1110027O12Rik
100029_at	-1.54	peroxisomal biogenesis factor 14	Pex14
104471_at	-1.54	histone deacetylase 6	Hdac6

103044_g_at	-1.54	mature T-cell proliferation 1	Mtcp1
97995_at	-1.54	transcription factor 7, T-cell specific	Tcf7
99343_at	-1.54	retinoblastoma binding protein 7	Rbbp7
94047_at	-1.54	RIKEN cDNA 0610031J06 gene	0610031J06Rik
99575_at	-1.54	RIKEN cDNA 2700004G04 gene	2700004G04Rik
101073_at	-1.54	low density lipoprotein receptor-related protein 1	Lrp1
92782_at	-1.54	thymopoietin	Tmpo
100718_at	-1.54	prothymosin alpha	Ptma
92303_at	-1.54	protein tyrosine phosphatase, receptor type, R	Ptpr
100367_g_at	-1.54	caspase 9	Casp9
99655_at	-1.54	signal peptidase complex (18kD)	Spc18-pending
103648_at	-1.55	tumor-associated calcium signal transducer 2	Tacstd2
99421_at	-1.55		
103218_at	-1.55	DNA segment, Chr X, human DXS253E	DXHXS253E
98982_at	-1.55	thymopoietin	Tmpo
104740_at	-1.55	DNA segment, Chr 1, ERATO Doi 251, expressed	D1Erttd251e
101003_at	-1.55	splicing factor, arginine/serine-rich 3 (SRp20)	Sfrs3
96726_at	-1.55	hypothetical protein MGC37111	MGC37111
102201_s_at	-1.55	presenilin 1	Psen1
100068_at	-1.55	aldehyde dehydrogenase family 1, subfamily A1	Aldh1a1
104701_at	-1.55	basic helix-loop-helix domain containing, class B2	Bhlhb2
100915_at	-1.55	myosin heavy chain IX	Myh9
104172_at	-1.55	folate receptor 2 (fetal)	Folr2
97004_at	-1.55	olfactory receptor 71	Olf71
100293_at	-1.55	ESTs, Highly similar to C59B_MOUSE CD59B glycoprotein precursor (Membrane attack complex inhibition factor) (MACIF) (MAC-inhibitory protein) (MAC-IP) (Protectin) [M.musculus]	
160263_r_at	-1.55	Nedd4 family interacting protein 2	Ndfip2
104439_at	-1.55	N-acetyltransferase 6	Nat6
99934_at	-1.55	poliovirus receptor-related 2	Pvrl2
96294_s_at	-1.55	RIKEN cDNA 2410015N17 gene	2410015N17Rik
100593_at	-1.55	troponin T2, cardiac	Tnnt2
161492_i_at	-1.55	mannoside acetylglucosaminyltransferase 1	Mgat1
160291_at	-1.55	SEC61, alpha subunit (S. cerevisiae)	Sec61a
161535_at	-1.55	polycystic kidney disease 1 homolog	Pkd1
93595_at	-1.55	ceroid-lipofuscinosis, neuronal 2	Cln2
97248_at	-1.55	diazepam binding inhibitor	Dbi
160356_at	-1.55	RIKEN cDNA 0610011D08 gene	0610011D08Rik
93843_at	-1.55	DNA segment, Chr 14, ERATO Doi 484, expressed	D14Erttd484e
98107_at	-1.55	coronin, actin binding protein 1C	Coro1c
162417_at	-1.55	RIKEN cDNA 1500001M20 gene	1500001M20Rik
103338_at	-1.55	RIKEN cDNA C030013N01 gene	C030013N01Rik
101014_at	-1.55	interferon (alpha and beta) receptor 2	Ifnar2
162276_i_at	-1.56	complement component 1, q subcomponent, beta polypeptide	C1qb
102223_at	-1.56	periplakin	Ppl
103318_at	-1.56	GA repeat binding protein, beta 1	Gabpb1
100289_at	-1.56	ephrin A3	Efna3
101700_at	-1.56	per-hexamer repeat gene 4	Phxr4
104318_at	-1.56	peroxin 5	Pex5
104624_at	-1.56	hypothetical protein MGC38812	MGC38812
100908_at	-1.56	protein tyrosine phosphatase, receptor type, A	Ptpra
98438_f_at	-1.56	histocompatibility 2, Q region locus 7	H2-Q7
160495_at	-1.56		
102813_f_at	-1.56	RIKEN cDNA 5730525G14 gene	5730525G14Rik
97511_at	-1.56	monoglyceride lipase	Mgl1
93087_r_at	-1.56	ubiquitin specific protease 25	Usp25
96071_at	-1.56	ribosomal protein S25	Rps25
95883_at	-1.56	RIKEN cDNA D530048A03 gene	D530048A03Rik
103359_at	-1.56	similar to hypothetical protein FLJ13984	LOC228019
92394_f_at	-1.56	cAMP responsive element binding protein-like 1	Creb11
103752_r_at	-1.56	Mus musculus 13 days embryo male testis cDNA, RIKEN full-length enriched library, clone:6030431H11 product:unknown EST, full insert sequence.	
100004_at	-1.56	RIKEN cDNA 5930412E23 gene	5930412E23Rik
93290_at	-1.56	purine-nucleoside phosphorylase	Pnp
102193_at	-1.56	SA rat hypertension-associated homolog	Sah

104380_at	-1.56	solute carrier family 35 (CMP-sialic acid transporter), member 1	Slc35a1
97125_f_at	-1.56	histocompatibility 2, K region	H2-K
103588_at	-1.56	a disintegrin and metalloproteinase domain 15 (metargidin)	Adam15
97273_at	-1.56	arsenate resistance protein 2	Ars2-pending
161077_f_at	-1.56	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 2	Smardc2
99671_at	-1.57	adipsin	Adn
101681_f_at	-1.57		
160731_at	-1.57	RAB25, member RAS oncogene family	Rab25
94301_at	-1.57	ATPase, H+ transporting, V0 subunit	Atp6v0e
160270_at	-1.57	Mus musculus adult male aorta and vein cDNA, RIKEN full-length enriched library, clone:A530090101 product:unknown EST, full insert sequence.	
95430_f_at	-1.57	DNA segment, Chr 9, Wayne State University 18, expressed	D9Wsu18e
94492_at	-1.57	destrin	Dstn
102056_f_at	-1.57	RIKEN cDNA 2610002J02 gene	2610002J02Rik
98515_at	-1.57	general transcription factor II E, polypeptide 2 (beta subunit)	Gtf2e2
96058_s_at	-1.57	aldehyde dehydrogenase 2, mitochondrial	Aldh2
101058_at	-1.57	amylase 1, salivary	Amy1
96655_g_at	-1.57	RIKEN cDNA 8430408H12 gene	8430408H12Rik
161891_r_at	-1.57	argininosuccinate lyase	Asl
102271_at	-1.57	DNA segment, Chr 11, Brigham & Women's Genetics 0280e expressed	D11Bwg0280e
160697_at	-1.57	expressed sequence C77080	C77080
161633_r_at	-1.57	glutathione S-transferase, mu 1	Gstm1
93835_at	-1.57	RIKEN cDNA 0610006A03 gene	0610006A03Rik
93019_at	-1.57	H2A histone family, member X	H2afx
160563_at	-1.57	hypothetical protein MGC31450	MGC31450
104060_at	-1.58	RIKEN cDNA 2700088M22 gene	2700088M22Rik
95400_i_at	-1.58	helicase (DNA) B	Helb
94297_at	-1.58	FK506 binding protein 5	Fkbp5
103975_at	-1.58	protein related to DAN and cerberus	Prdc-pending
160494_at	-1.58	endonuclease G	Endog
102910_at	-1.58	ATP-binding cassette, sub-family B (MDR/TAP), member 1A	Abcb1a
161576_f_at	-1.58	FLN29 gene product	Fln29-pending
161563_r_at	-1.58	complement component 1, r subcomponent	C1r
99099_at	-1.58	signal transducer and activator of transcription 3	Stat3
103207_at	-1.58	polymerase (DNA directed), alpha 1	Pola1
92210_at	-1.58	angiopoietin 2	Agpt2
97211_at	-1.58	RIKEN cDNA 3230401N03 gene	3230401N03Rik
103584_at	-1.58	RIKEN cDNA 5830471E12 gene	5830471E12Rik
94715_at	-1.58	cytochrome P450, 1a1, aromatic compound inducible	Cyp1a1
101921_at	-1.58	RAB4A, member RAS oncogene family	Rab4a
96957_at	-1.58	calcium and integrin binding 1 (calmyrin)	Cib1
97058_f_at	-1.58	RAB33B, member of RAS oncogene family	Rab33b
103913_at	-1.58	SEC61, alpha subunit 2 (S. cerevisiae)	Sec61a2-pending
103247_at	-1.58	membrane protein, palmitoylated 3 (MAGUK p55 subfamily member 3)	Mpp3
95765_at	-1.58	alcohol dehydrogenase 5 (class III), chi polypeptide	Adh5
93482_at	-1.58	RIKEN cDNA 9530072E15 gene	9530072E15Rik
160074_at	-1.58	dopa decarboxylase	Ddc
102401_at	-1.58	interferon regulatory factor 1	Irf1
160121_at	-1.58	RIKEN cDNA 2810017M24 gene	2810017M24Rik
102217_at	-1.58	G protein-coupled receptor kinase 5	Gprk5
96832_at	-1.58	M.musculus partial cochlear mRNA (clone 301A6)	
92624_r_at	-1.58	loricrin	Lor
102791_at	-1.58	proteasome (prosome, macropain) subunit, beta type 8 (large multifunctional protease 7)	Psmb8
92756_r_at	-1.58	secretin	Sct
99597_at	-1.58	guanine nucleotide binding protein, alpha inhibiting 2	Gnai2
92831_at	-1.58	sideroflexin 1	Sfxn1
101207_at	-1.59	peptidylprolyl isomerase A	Ppia
103021_r_at	-1.59	mitogen activated protein kinase kinase kinase 1	Map3k1
104620_at	-1.59	RIKEN cDNA 2010300G19 gene	2010300G19Rik
95904_at	-1.59	RIKEN cDNA 6430543G08 gene	6430543G08Rik
100407_at	-1.59	galanin	Gal
93126_at	-1.59	creatine kinase, brain	Ckb

97770_s_at	-1.59	DNA segment, Chr 6, Wayne State University 176, expressed	D6Wsu176e
100927_at	-1.59	phospholipid transfer protein	Pltp
92265_f_at	-1.59	Sjogren syndrome antigen A2	Ssa2
93011_at	-1.59	gamma-aminobutyric acid (GABA(A)) receptor-associated protein-like 1	Gabarap1
160392_at	-1.59	RIKEN cDNA B430110G05 gene	B430110G05Rik
103815_at	-1.59	peroxisomal biogenesis factor 11b	Pex11b
160727_at	-1.59	RIKEN cDNA 2410002F23 gene	2410002F23Rik
97508_at	-1.59	malate dehydrogenase, soluble	Mor2
101448_at	-1.59	HGF-regulated tyrosine kinase substrate	Hgs
104155_f_at	-1.59	activating transcription factor 3	Atf3
92582_at	-1.59	solute carrier family 1, member 7	Slc1a7
92225_f_at	-1.59	RNA polymerase 1-2 (128 kDa subunit)	Rpo1-2
101806_at	-1.59		
160559_at	-1.59	proteasome (prosome, macropain) subunit, beta type 5	Psmb5
94812_at	-1.59	general transcription factor II H, polypeptide 1	Gtf2h1
103010_at	-1.59	RIKEN cDNA 6720476A01 gene	6720476A01Rik
104363_at	-1.59	ESTs, Moderately similar to CDSN_HUMAN Corneodesmosin precursor (S protein) [H.sapiens]	
162447_f_at	-1.59	major vault protein	Mvp
95782_at	-1.59		
97166_at	-1.60	elaC homolog 2 (E. coli)	Elac2
93556_at	-1.60	keratin complex 2, basic, gene 10	Krt2-10
96812_at	-1.60	smoothened homolog (Drosophila)	Smo
161238_f_at	-1.60	chaperonin subunit 3 (gamma)	Cct3
101763_at	-1.60	G-protein-coupled receptor 50	Gpr50
104277_at	-1.60	RIKEN cDNA 1300013N08 gene	1300013N08Rik
94382_at	-1.60	RIKEN cDNA 1110057K04 gene	1110057K04Rik
93094_at	-1.60	cerebellar degeneration-related 2	Cdr2
93324_at	-1.60	zinc finger protein 36, C3H type-like 1	Zfp361
102009_at	-1.60	RIKEN cDNA 6430511D02 gene	6430511D02Rik
92852_at	-1.60	fibronectin 1	Fn1
97312_at	-1.60	CD164 antigen	Cd164
160897_at	-1.60	RIKEN cDNA 2900035H07 gene	2900035H07Rik
96506_at	-1.60	anaplastic lymphoma kinase	Alk
101421_at	-1.60	ring finger protein 5	Rnf5
104398_at	-1.60	RIKEN cDNA 1300010A20 gene	1300010A20Rik
103879_at	-1.60	hypothetical protein LOC235169	LOC235169
103790_at	-1.60	DNA segment, Chr 16, ERATO Doi 36, expressed	D16ErtD36e
97473_at	-1.61	transmembrane 4 superfamily member 7	Tm4sf7
103669_at	-1.61	expressed sequence AA415275	AA415275
92637_at	-1.61	phosphofructokinase, liver, B-type	Pfkfb
101430_at	-1.61	SRY-box containing gene 4	Sox4
94825_at	-1.61	phospholipase A2, activating protein	Plaa
101498_at	-1.61	inositol (myo)-1(or 4)-monophosphatase 1	Impa1
160925_at	-1.61	neuroblastoma ras oncogene	Nras
98152_at	-1.61	catenin src	Catns
97906_at	-1.61	seven in absentia 2	Siah2
100587_f_at	-1.61	RIKEN cDNA 5730403B10 gene	5730403B10Rik
161127_i_at	-1.61	ribosomal protein L24	Rpl24
104538_at	-1.61	prostaglandin I2 (prostacyclin) synthase	Ptgfs
94893_at	-1.61	RIKEN cDNA 2610301B20 gene	2610301B20Rik
104761_at	-1.61	RIKEN cDNA 2310046B19 gene	2310046B19Rik
96939_at	-1.61	myosin, light polypeptide 9, regulatory	Myf9
94245_at	-1.61	histocompatibility 47	H47
96968_at	-1.61	limitin	Lmtn-pending
92611_at	-1.61	GPI-anchored membrane protein 1	Gpiap1
162402_r_at	-1.61	homeo box A4	Hoxa4
93697_at	-1.61	chromobox homolog 4 (Drosophila Pc class)	Cbx4
93917_at	-1.61	tumor necrosis factor (ligand) superfamily, member 12	Tnfsf12
160128_at	-1.61	propionyl Coenzyme A carboxylase, beta polypeptide	Pccb
93465_at	-1.61	RIKEN cDNA 9130211I03 gene	9130211I03Rik
101876_s_at	-1.61	histocompatibility 2, T region locus 17	H2-T17
162392_r_at	-1.62	transgene insert site 737, insertional mutation, polycystic kidney disease	TgN737Rpw
104141_at	-1.62	DNA segment, Chr 15, Wayne State University 75, expressed	D15Wsu75e
95670_at	-1.62	stathmin-like 2	Stmn2

104578_f_at	-1.62	actinin, alpha 1	Actn1
160091_at	-1.62	phosphoglycerate mutase 1	Pgam1
98761_i_at	-1.62	zinc finger protein 97	Zfp97
101965_at	-1.62	ring finger protein 13	Rnf13
97327_at	-1.62	flap structure specific endonuclease 1	Fen1
160848_at	-1.62	zinc fingers and homeoboxes protein 1	Zhx1
98472_at	-1.62	histocompatibility 2, T region locus 23	H2-T23
162470_at	-1.62	RIKEN cDNA 0610040H15 gene	0610040H15Rik
101017_at	-1.62	cyclin-dependent kinase 4	Cdk4
104661_at	-1.62	Mus musculus 12 days embryo spinal ganglion cDNA, RIKEN full-length enriched library, clone:D130071L21 product:unknown EST, full insert sequence.	
101185_at	-1.62		
103083_at	-1.62	lipase, hormone sensitive	Lipe
102028_at	-1.62	Ras association (RalGDS/AF-6) domain family 5	Rassf5
100015_at	-1.62	Yamaguchi sarcoma viral (v-yes) oncogene homolog	Yes
101618_r_at	-1.62		
100511_at	-1.63	RIKEN cDNA 6330406L22 gene	6330406L22Rik
160964_at	-1.63	hypothetical protein MNCb-4137	MNCb-4137
96418_r_at	-1.63		
104265_at	-1.63	kinase insert domain protein receptor	Kdr
99029_at	-1.63	protein inhibitor of activated STAT 1	Pias1
97727_at	-1.63	noggin	Nog
100583_at	-1.63	immunoglobulin heavy chain, (J558 family)	Igh-VJ558
101159_at	-1.63	microphthalmia-associated transcription factor	Mitf
100112_at	-1.63	chemokine (C-X-C motif) ligand 12	Cxcl12
95885_at	-1.63	RIKEN cDNA 1200009F10 gene	1200009F10Rik
93624_at	-1.63	RIKEN cDNA 8430417G17 gene	8430417G17Rik
161392_f_at	-1.63	leucine rich protein, B7 gene	Lrpb7
98151_s_at	-1.63	catenin src	Catns
162420_r_at	-1.63	heat shock protein	Hsp30-pending
160307_at	-1.63	phosphatidylinositol 4-kinase type 2 alpha	Pi4k2a-pending
160747_at	-1.63	regulator of G-protein signaling 3	Rgs3
162104_f_at	-1.63	TAP binding protein	Tapbp
102683_at	-1.63	solute carrier family 30 (zinc transporter), member 3	Slc30a3
102025_at	-1.63	chemokine (C-X-C motif) ligand 13	Cxcl13
162125_f_at	-1.63	ubiquitin C	Ubc
99081_at	-1.63	serine (or cysteine) proteinase inhibitor, clade G, member 1	Serping1
100682_f_at	-1.63	immunoglobulin kappa chain variable 8 (V8)	Igk-V8
162292_r_at	-1.63	RIKEN cDNA 2510039O18 gene	2510039O18Rik
103443_at	-1.63	absent in melanoma 1	Aim1
160967_at	-1.63	expressed sequence C79732	C79732
104257_g_at	-1.63	pleckstrin homology, Sec7 and coiled/coil domains, binding protein	Pscdbp
95523_at	-1.63	RIKEN cDNA 6530401D17 gene	6530401D17Rik
102064_at	-1.63	caspase 1	Casp1
97179_at	-1.63	ESTs, Moderately similar to putative c-Myc-responsive [Homo sapiens] [H.sapiens]	
160988_r_at	-1.63	DNA segment, Chr 3, ERATO Doi 330, expressed	D3Ertd330e
94254_at	-1.63	chloride intracellular channel 4 (mitochondrial)	Clic4
100987_f_at	-1.63	RIKEN cDNA 1500019G21 gene	1500019G21Rik
92968_at	-1.63	ADP-ribosylation factor 5	Arf5
94470_i_at	-1.64	solute carrier family 30 (zinc transporter), member 5	Slc30a5
100429_at	-1.64	protoporphyrinogen oxidase	Ppox
99109_at	-1.64	immediate early response 2	Ier2
101955_at	-1.64	heat shock 70kD protein 5 (glucose-regulated protein)	Hspa5
103809_r_at	-1.64	dynein, cytoplasmic, intermediate chain 1	Dncic1
100577_at	-1.64	small nuclear ribonucleoprotein D1	Snrpd1
100717_at	-1.64	cDNA sequence U90926	U90926
98076_at	-1.64	endoplasmic reticulum protein 29	Erp29
102879_s_at	-1.64	Fc receptor, IgG, high affinity I	Fcgr1
93778_at	-1.64	RIKEN cDNA 5830484A20 gene	5830484A20Rik
96392_at	-1.64	ESTs	
97304_at	-1.64	upstream binding protein 1	Ubp1
160568_at	-1.64	enolase 1, alpha non-neuron	Eno1

103428_at	-1.64	RIKEN cDNA 2410142G14 gene	2410142G14Rik
160429_at	-1.64	NTF2-related export protein 1	Nxt1
103488_at	-1.64	selectin, platelet (p-selectin) ligand	Selp1
95575_r_at	-1.64	expressed sequence AA960172	AA960172
102233_at	-1.64	Mus musculus 12 days embryo spinal ganglion cDNA, RIKEN full-length enriched library, clone:D130005N12 product:unclassifiable, full insert sequence.	
101703_at	-1.64		
92718_at	-1.64	RIKEN cDNA 2310061N23 gene	2310061N23Rik
93806_at	-1.65	SH3-binding domain glutamic acid-rich protein like	Sh3bgrl
160193_at	-1.65	ORM1-like 2 (<i>S. cerevisiae</i>)	Ormdl2
94056_at	-1.65	stearoyl-Coenzyme A desaturase 1	Scd1
101416_f_at	-1.65	HLA-B associated transcript 4	Bat4
104633_at	-1.65	disabled homolog 2 (<i>Drosophila</i>)	Dab2
161446_r_at	-1.65	protease, serine, 25	Prss25
96135_at	-1.65	RIKEN cDNA 3110003A17 gene	3110003A17Rik
94821_at	-1.65	X-box binding protein 1	Xbp1
95989_at	-1.65	ESTs	
99645_at	-1.65	RIKEN cDNA 4921506J03 gene	4921506J03Rik
161756_at	-1.65	RIKEN cDNA 4833420N02 gene	4833420N02Rik
104184_at	-1.65	natriuretic peptide precursor type B	Nppb
101632_at	-1.65	tumor necrosis factor receptor superfamily, member 11a	Tnfrsf11a
160789_at	-1.65	RIKEN cDNA 9530090G24 gene	9530090G24Rik
93512_f_at	-1.65	expressed sequence AI987814	AI987814
95084_f_at	-1.65	glyoxylate reductase/hydroxypyruvate reductase	Ghrpr
98988_at	-1.65	molecule possessing ankyrin-repeats induced by lipopolysaccharide	Mail-pending
100979_at	-1.66	Trif gene	Trif-pending
99071_at	-1.66	macrophage expressed gene 1	Mpeg1
93914_at	-1.66	interleukin 1 receptor, type I	Il1r1
103579_at	-1.66	RAS-related C3 botulinum substrate 2	Rac2
94915_at	-1.66	peptidylprolyl isomerase B	Ppib
160499_at	-1.66	tumor rejection antigen gp96	Tra1
AFFX-b-ActinMur/M124	-1.66	actin, beta, cytoplasmic	Actb
81_M_st			
100720_at	-1.66	poly A binding protein, cytoplasmic 1	Pabpc1
160511_at	-1.66	chemokine (C-X-C motif) ligand 12	Cxcl12
99700_at	-1.66	tissue-type vomeronasal neurons putative pheromone receptor V2R1	LOC56552
102797_at	-1.66	retinal short-chain dehydrogenase/reductase 1	Rsdrl-pending
102781_at	-1.66	Paneth cell enhanced expression	Pcee-pending
162176_r_at	-1.66	glyceraldehyde-3-phosphate dehydrogenase	Gapd
99523_at	-1.66	RIKEN cDNA 4432417N03 gene	4432417N03Rik
100702_at	-1.66	sex hormone binding globulin	Shbg
101603_g_at	-1.66	ESTs	
161983_f_at	-1.66	ribonuclease/angiogenin inhibitor 1	Rnh1
103673_at	-1.66	complement component 2 (within H-2S)	C2
95516_at	-1.66	RAB9, member RAS oncogene family	Rab9
101467_at	-1.66	S100 protein, beta polypeptide, neural	S100b
160734_at	-1.66	adaptor-related protein complex AP-3, sigma 1 subunit	Ap3s1
95637_at	-1.66	expressed sequence AL024016	AL024016
94349_at	-1.66	ESTs	
98625_s_at	-1.67	alcohol dehydrogenase 5 (class III), chi polypeptide	Adh5
102828_at	-1.67	mitogen activated protein kinase kinase 6	Map2k6
101543_f_at	-1.67	tubulin, alpha 6	Tuba6
94967_at	-1.67	hypothetical protein MGC28180	MGC28180
97359_at	-1.67	transmembrane 9 superfamily member 1	Tm9sf1
161109_at	-1.67	RIKEN cDNA 1110017P05 gene	1110017P05Rik
94132_at	-1.67	glutathione peroxidase 1	Gpx1
100037_at	-1.67	RIKEN cDNA 2310005B10 gene	2310005B10Rik
96569_at	-1.67	ESTs	
95063_at	-1.67	RIKEN cDNA 2310021G01 gene	2310021G01Rik
99847_at	-1.67	sialyltransferase 4A (beta-galactosidase alpha-2,3-sialyltransferase)	Siat4a
99592_f_at	-1.67	retinol dehydrogenase 11	Rdh11
98277_at	-1.67	zinc finger protein, subfamily 1A, 4	Zfn1a4

92711_at	-1.67	mast cell protease 6	Mcpt6
102101_f_at	-1.67	expressed sequence BB129864	BB129864
92866_at	-1.67	histocompatibility 2, class II antigen A, alpha	H2-Aa
94273_at	-1.67	RIKEN cDNA 2610311119 gene	2610311119Rik
162313_f_at	-1.67	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 3	Galnt3
161500_i_at	-1.67	Bcl-associated death promoter	Bad
92259_at	-1.67	RIKEN cDNA 9430070M15 gene	9430070M15Rik
95415_f_at	-1.68	complement component 1, r subcomponent	C1r
95723_r_at	-1.68	RIKEN cDNA 2610009E16 gene	2610009E16Rik
160220_at	-1.68	zinc finger protein 110	Zfp110
102065_at	-1.68	ficolin A	Fcna
93088_at	-1.68	beta-2 microglobulin	B2m
162311_f_at	-1.68	ovarian cancer overexpressed 1	Ovcov1
93390_g_at	-1.68	prominin-like 1	Prom1
160465_at	-1.68	RIKEN cDNA 3300001H21 gene	3300001H21Rik
98589_at	-1.68	adipose differentiation related protein	Adfp
95042_at	-1.68	RIKEN cDNA C030002N13 gene	C030002N13Rik
98440_at	-1.68	RIKEN cDNA 2510002C21 gene	2510002C21Rik
160180_at	-1.68	calnexin	Canx
95588_at	-1.68	alpha-methylacyl-CoA racemase	Amacr
100696_at	-1.68	phosphodiesterase 6A, cGMP-specific, rod, alpha	Pde6a
96002_at	-1.69	RIKEN cDNA 4921505F14 gene	4921505F14Rik
93993_at	-1.69	RIKEN cDNA 1300009F09 gene	1300009F09Rik
103047_at	-1.69	peroxisomal membrane protein 3, 35 kDa	Pxmp3
104183_at	-1.69	DNA segment, Chr 2, ERATO Doi 435, expressed	D2Ertd435e
92847_s_at	-1.69	mannose-6-phosphate receptor, cation dependent	M6pr
104606_at	-1.69	CD52 antigen	Cd52
93588_at	-1.69	gene trap locus 3	Gtl3
96057_at	-1.69	aldehyde dehydrogenase 2, mitochondrial	Aldh2
104225_at	-1.69	ESTs	
104091_at	-1.69	RIKEN cDNA 6720474K14 gene	6720474K14Rik
96277_at	-1.69	actin related protein 2/3 complex, subunit 5	Arcp5
100596_at	-1.69	selenium binding protein 1	Selenbp1
103330_at	-1.69	spermatid perinuclear RNA binding protein	Spnr
93749_at	-1.69	monoamine oxidase A	Maoa
103704_at	-1.69	ESTs, Weakly similar to RIKEN cDNA 5730493B19 [Mus musculus] [M.musculus]	
93046_at	-1.69	RIKEN cDNA 1700030K07 gene	1700030K07Rik
100880_at	-1.69	ESTs, Weakly similar to lysophospholipase 1; phospholipase 1a; lysophospholipase 1 [Mus musculus] [M.musculus]	
93793_at	-1.69	LIM and SH3 protein 1	Lasp1
100775_at	-1.69	ESTs, Weakly similar to RIKEN cDNA 5730493B19 [Mus musculus] [M.musculus]	
96591_at	-1.69	reelin	Reln
103029_at	-1.69	programmed cell death 4	Pdcd4
101834_at	-1.69	mitogen activated protein kinase 3	Mapk3
94095_at	-1.70	histocompatibility 2, Q region locus 1	H2-Q1
102108_f_at	-1.70	myosin heavy chain IX	Myh9
100328_s_at	-1.70	paired-Ig-like receptor A3	Pira3
100885_at	-1.70	NIMA (never in mitosis gene a)-related expressed kinase 2	Nek2
102557_at	-1.70		
160632_at	-1.70	RIKEN cDNA 4930557O20 gene	4930557O20Rik
92315_at	-1.70	schlafen 4	Slfn4
95686_at	-1.70	RAB14, member RAS oncogene family	Rab14
103935_at	-1.70	ATPase, Ca ⁺⁺ transporting, ubiquitous	Atp2a3
101922_at	-1.70	RIKEN cDNA 1110007A14 gene	1110007A14Rik
93583_s_at	-1.70		
93590_at	-1.70	RIKEN cDNA 1200015G06 gene	1200015G06Rik
101923_at	-1.70	phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)	Pla2g7
94427_at	-1.70	coatomer protein complex, subunit gamma 1	Copg1
94725_f_at	-1.71	Mus musculus monoclonal antibody FB3 to cardiolipin, Ig light chain variable region mRNA, partial cds.	
104417_at	-1.71	ESTs	

98405_at	-1.71	serine protease inhibitor 6	Spi6
99992_at	-1.71	hypothetical protein LOC231291	LOC231291
103685_at	-1.71	ESTs	
99015_at	-1.71	promyelocytic leukemia	Pml
95387_f_at	-1.71	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4B	Sema4b
103056_at	-1.71	RIKEN cDNA 6230425C22 gene	6230425C22Rik
162428_i_at	-1.71	S100 calcium binding protein A14	S100a14
100616_at	-1.71	centromere autoantigen A	Cenpa
97171_f_at	-1.71		
95383_at	-1.71	RIKEN cDNA 3110041O18 gene	3110041O18Rik
102415_r_at	-1.72	DnaJ (Hsp40) homolog, subfamily C, member 3	Dnajc3
99855_at	-1.72	mitogen activated protein kinase kinase kinase 5	Map3k5
93248_at	-1.72	RIKEN cDNA D730042P09 gene	D730042P09Rik
103723_at	-1.72	interleukin 13 receptor, alpha 1	Il13ra1
160648_at	-1.72	fidgetin-like 1	Fignl1
160292_at	-1.72	DNA segment, Chr 15, ERATO Doi 785, expressed	D15ErtD785e
94537_at	-1.72	RIKEN cDNA 1500001M02 gene	1500001M02Rik
102074_at	-1.72	orthopedia homolog, (Drosophila)	Otp
92633_at	-1.72	cathepsin Z	Ctsz
94966_at	-1.72	glucose-6-phosphate dehydrogenase X-linked	G6pdx
96301_at	-1.72	ribosomal protein S27	Rps27
161029_at	-1.73	RIKEN cDNA 6330416G13 gene	6330416G13Rik
103229_at	-1.73	nuclear receptor coactivator 1	Ncoa1
96761_at	-1.73	RIKEN cDNA 2210409B01 gene	2210409B01Rik
97882_at	-1.73	SEC61, alpha subunit (S. cerevisiae)	Sec61a
161196_r_at	-1.73	a disintegrin and metalloprotease domain 3 (cyritestin)	Adam3
161348_r_at	-1.73	PDZ and LIM domain 1 (elfin)	Pdlim1
103260_at	-1.73	RIKEN cDNA 1110060D06 gene	1110060D06Rik
101944_at	-1.73	lysophospholipase 1	Lypla1
101795_f_at	-1.73		
103421_at	-1.73	stromal cell derived factor receptor 2	Sdfr2
92634_at	-1.73	dipeptidylpeptidase 4	Dpp4
102366_at	-1.73	resistin	Retn
161655_at	-1.73	defender against cell death 1	Dad1
160815_at	-1.73	expressed sequence C79673	C79673
98922_at	-1.73	integral membrane protein 1	Itn1
100415_at	-1.74		
95937_at	-1.74	ESTs	
96890_at	-1.74	RIKEN cDNA 1300002A08 gene	1300002A08Rik
100469_at	-1.74	nuclear transcription factor-Y alpha	Nfya
94140_at	-1.74	macrophage scavenger receptor 1	Msr1
93066_at	-1.74	granulin	Grn
92642_at	-1.74	carbonic anhydrase 2	Car2
93391_at	-1.74	crystallin, gamma S	Crygs
160150_f_at	-1.74	calponin 3, acidic	Cnn3
93337_at	-1.74	vacuolar protein sorting 4b (yeast)	Vps4b
94877_at	-1.74	BTB (POZ) domain containing 1	Btbd1
92280_at	-1.74	actinin, alpha 1	Actn1
92550_at	-1.74	keratin complex 1, acidic, gene 19	Krt1-19
160853_at	-1.74	phosphatidylserine synthase 2	Ptdss2
93861_f_at	-1.74		
97761_f_at	-1.74	killer cell lectin-like receptor, subfamily A, member 7	Klra7
102102_at	-1.74	ESTs, Highly similar to POL2_MOUSE Retrovirus-related POL polyprotein [Contains: Reverse transcriptase ; Endonuclease] [M.musculus]	
94223_at	-1.74	neuroepithelial cell transforming gene 1	Net1
94548_at	-1.74	RIKEN cDNA 1200003O06 gene	1200003O06Rik
102094_f_at	-1.74	glutathione S-transferase, mu 1	Gstm1
102130_f_at	-1.75	EST	
102414_i_at	-1.75	DnaJ (Hsp40) homolog, subfamily C, member 3	Dnajc3
97581_at	-1.75	odd Oz/ten-m homolog 4 (Drosophila)	Odz4
94920_at	-1.75	expressed sequence AI415282	AI415282
97681_f_at	-1.75	glutathione S-transferase, mu 3	Gstm3
93371_at	-1.75	basonuclin	Bnc
104353_at	-1.75	RIKEN cDNA 2500002G23 gene	2500002G23Rik

99513_at	-1.75	phospholipase A2, group IVA (cytosolic, calcium-dependent)	Pla2g4a
99119_at	-1.75	cofilin 1, non-muscle	Cfl1
161458_at	-1.75	ESTs	
162379_r_at	-1.75	vimentin	Vim
97516_at	-1.75	alpha glucosidase 2, alpha neutral subunit	G2an
102876_at	-1.75	granzyme G	Gzmg
101458_at	-1.75	wee 1 homolog (S. pombe)	Wee1
103697_at	-1.75	RIKEN cDNA A230075M04 gene	A230075M04Rik
160300_at	-1.76	trefoil factor 1	Tff1
97885_at	-1.76	RIKEN cDNA 1810009M01 gene	1810009M01Rik
92698_at	-1.76	c-mer proto-oncogene tyrosine kinase	Mertk
101595_at	-1.76	ESTs	
103537_at	-1.76	eukaryotic translation initiation factor 2 alpha kinase 3	Eif2ak3
96216_at	-1.76	RIKEN cDNA C730042F17 gene	C730042F17Rik
100333_at	-1.76	serum amyloid A 2	Saa2
161160_f_at	-1.76	myeloblastosis oncogene-like 2	Mybl2
160678_at	-1.76	EST AI426782	AI426782
103459_at	-1.76	endoplasmic reticulum membrane protein	Ermelin-pending
103690_at	-1.77	Williams-Beuren syndrome chromosome region 5 homolog (human)	Wbscr5
94549_at	-1.77	RIKEN cDNA 1200003O06 gene	1200003O06Rik
93120_f_at	-1.77	histocompatibility 2, K region	H2-K
94709_at	-1.77	glial cells missing homolog 2 (Drosophila)	Gcm2
93714_f_at	-1.77	histocompatibility 2, K region	H2-K
103733_at	-1.77	RIKEN cDNA 2900006A08 gene	2900006A08Rik
100116_at	-1.77	RIKEN cDNA 2810417H13 gene	2810417H13Rik
103826_at	-1.77	leukemia/lymphoma related factor	Lrf
160637_at	-1.77	molybdenum cofactor synthesis 2	Mocs2
94352_at	-1.77	mbt domain containing 1	Mbd1
161682_f_at	-1.77	GPI anchor attachment protein 1	Gpaa1
160658_at	-1.77	cyclin-dependent kinase 7 (homolog of Xenopus MO15 cdk-activating kinase)	Cdk7
104554_at	-1.77	nuclear receptor subfamily 2, group F, member 6	Nr2f6
96310_at	-1.78	myelin basic protein	Mbp
162358_i_at	-1.78	solute carrier family 25 (mitochondrial carrier; citrate transporter), member 1	Slc25a1
97281_at	-1.78	expressed sequence AA420407	AA420407
94791_s_at	-1.78	leukocyte tyrosine kinase	Ltk
94284_at	-1.78	diaphorase 1 (NADH)	Dia1
100404_at	-1.78	transgene insert site 737, insertional mutation, polycystic kidney disease	TgN737Rpw
97405_at	-1.78	ribosomal protein S6 kinase polypeptide 1	Rps6ka1
94515_at	-1.78	sulfide quinone reductase-like (yeast)	Sqrdl
95469_at	-1.78	biotinidase	Btd
94807_at	-1.78	solute carrier family 25 (mitochondrial carrier; citrate transporter), member 1	Slc25a1
96491_at	-1.78	hypothetical protein B130031L15	B130031L15
92419_at	-1.78	chaperonin subunit 6b (zeta)	Cct6b
101718_f_at	-1.78	immunoglobulin kappa chain variable 8 (V8)	Igk-V8
160468_at	-1.78	myotrophin	Mtpn
100005_at	-1.78	Tnf receptor associated factor 4	Traf4
96975_at	-1.78		
103424_at	-1.78	RIKEN cDNA 6330442E10 gene	6330442E10Rik
103816_at	-1.79	F11 receptor	F11r
95505_at	-1.79	torsin family 1, member B	Tor1b
98846_f_at	-1.79	pregnancy specific glycoprotein 17	Psg17
95609_at	-1.79	RIKEN cDNA 1810033K10 gene	1810033K10Rik
160959_at	-1.79	RIKEN cDNA 5430409I18 gene	5430409I18Rik
104494_at	-1.79	RIKEN cDNA 4921515A04 gene	4921515A04Rik
104391_s_at	-1.79	chloride channel 7	Clcn7
103226_at	-1.79	mannose receptor, C type 1	Mrc1
160628_at	-1.79	glycine C-acetyltransferase (2-amino-3-ketobutyrate-coenzyme A ligase)	Gcat
96104_at	-1.79	RIKEN cDNA 3732413I11 gene	3732413I11Rik
97541_f_at	-1.79	histocompatibility 2, D region locus 1	H2-D1
98498_at	-1.79	caspase 7	Casp7
161683_r_at	-1.79	GTP binding protein 1	Gtpbp1
100499_at	-1.79	syntaxin 3	Stx3
103706_at	-1.79	expressed sequence C79732	C79732
162201_r_at	-1.80	RIKEN cDNA 1110007A14 gene	1110007A14Rik

100565_at	-1.80	glucosamine-6-phosphate deaminase	Gnpi
104271_at	-1.80	adrenomedullin receptor	Admr
99379_f_at	-1.80	histocompatibility 2, K region	H2-K
98575_at	-1.80	fatty acid synthase	Fasn
99475_at	-1.80	suppressor of cytokine signaling 2	Socs2
103863_at	-1.80	RIKEN cDNA 5630401J11 gene	5630401J11Rik
99032_at	-1.80	RAS, dexamethasone-induced 1	Rasd1
162168_r_at	-1.80	3-phosphoglycerate dehydrogenase	Phgdh
100342_i_at	-1.80	tubulin, alpha 1	Tuba1
102372_at	-1.80	immunoglobulin joining chain	Igj
161796_r_at	-1.80	potassium voltage-gated channel, subfamily Q, member 1	Kcnq1
101587_at	-1.80	epoxide hydrolase 1, microsomal	Ephx1
97187_at	-1.80	Mus musculus 16 days embryo head cDNA, RIKEN full-length enriched library, clone:C130085H20 product:unknown EST, full insert sequence.	
161378_r_at	-1.80	ESTs	
101157_at	-1.80		
99034_at	-1.81	Iroquois related homeobox 3 (Drosophila)	Irx3
98535_at	-1.81	catechol-O-methyltransferase	Comt
98140_at	-1.81	cadherin 1	Cdh1
96971_f_at	-1.81		
161887_r_at	-1.81	RIKEN cDNA 4833412C19 gene	4833412C19Rik
160221_at	-1.81	lectin, galactose-binding, soluble 2	Lgals2
93090_at	-1.81	fibroblast growth factor receptor 2	Fgfr2
95305_at	-1.81	RIKEN cDNA A630098A13 gene	A630098A13Rik
101991_at	-1.81	flavin containing monooxygenase 1	Fmo1
161765_f_at	-1.81	regulator of G-protein signalling 10	Rgs10
94258_at	-1.81	Rho, GDP dissociation inhibitor (GDI) beta	Arhgdib
96668_at	-1.81	translocator of inner mitochondrial membrane 17 kDa, b	Timm17b
92586_at	-1.81	glutamate dehydrogenase	Glud
94928_at	-1.81	tumor necrosis factor receptor superfamily, member 1b	Tnfrsf1b
161931_r_at	-1.81	antigen identified by monoclonal antibody Ki 67	Mki67
104314_r_at	-1.81	RIKEN cDNA 1110032A03 gene	1110032A03Rik
99528_at	-1.82	spindlin	Spin
101966_s_at	-1.82	ring finger protein 13	Rnf13
94829_at	-1.82	RIKEN cDNA 1110020A09 gene	1110020A09Rik
97155_at	-1.82	growth differentiation factor 8	Gdf8
93041_at	-1.82	mini chromosome maintenance deficient 4 homolog (S. cerevisiae)	Mcmd4
100344_at	-1.82	hypothetical protein LOC226527	LOC226527
97863_at	-1.82	DNA segment, Chr 8, ERATO Doi 354, expressed	D8ErtD354e
100564_at	-1.82	D-dopachrome tautomerase	Ddt
92667_at	-1.82	androgen receptor	Ar
96560_at	-1.83	Mus musculus, Similar to hypothetical protein FLJ22789, clone IMAGE:5042703, mRNA	
102915_at	-1.83	coagulation factor II (thrombin) receptor-like 1	F2r1
162143_f_at	-1.83	protein-kinase, interferon-inducible double stranded RNA dependent inhibitor, repressor of (P58 repressor)	Prkrr
95964_at	-1.83	RIKEN cDNA A430103N23 gene	A430103N23Rik
96117_r_at	-1.83	histocompatibility 13	H13
104173_at	-1.83	membrane-spanning 4-domains, subfamily A, member 1	Ms4a1
94408_at	-1.83	Ngfi-A binding protein 1	Nab1
95631_at	-1.83	protein phosphatase 4, catalytic subunit	Ppp4c
98630_at	-1.83	NAD(P) dependent steroid dehydrogenase-like	Nsdhl
103240_f_at	-1.83	eosinophil-associated ribonuclease 2	Ear2
103349_at	-1.84	Yamaguchi sarcoma viral (v-yes-1) oncogene homolog	Lyn
94057_g_at	-1.84	stearoyl-Coenzyme A desaturase 1	Scd1
95708_at	-1.84	DNA segment, Chr 3, University of California at Los Angeles 1	D3Ucla1
160773_at	-1.84	DNA segment, Chr 4, Wayne State University 132, expressed	D4Wsu132e
103581_at	-1.84	cytosolic acyl-CoA thioesterase 1	Cte1
93085_at	-1.84	proteasome (prosome, macropain) subunit, beta type 9 (large multifunctional protease 2)	Psmb9
161433_f_at	-1.84	phosphatidylinositol glycan, class A	Piga
97566_f_at	-1.84	immunoglobulin kappa chain variable 8 (V8)	Igk-V8
95645_at	-1.84	RIKEN cDNA 2310020H20 gene	2310020H20Rik
162328_f_at	-1.84	keratin complex 2, basic, gene 16	Krt2-16

95020_at	-1.85	RIKEN cDNA 9130415E20 gene	9130415E20Rik
160638_at	-1.85	cyclin-dependent kinase inhibitor 2C (p18, inhibits CDK4)	Cdkn2c
93575_at	-1.85	gamma-glutamyl hydrolase	Ggh
95322_g_at	-1.85	5 hydroxytryptamine (serotonin) receptor 4	Htr4
161997_f_at	-1.86	aldehyde dehydrogenase 2, mitochondrial	Aldh2
100041_at	-1.86	RIKEN cDNA 3010027G13 gene	3010027G13Rik
161016_at	-1.86	ESTs	
98439_at	-1.86	RIKEN cDNA 2610318I15 gene	2610318I15Rik
102957_at	-1.86	lymphocyte cytosolic protein 2	Lcp2
93774_at	-1.86	RIKEN cDNA 2610524G07 gene	2610524G07Rik
92529_s_at	-1.86	aryl hydrocarbon receptor nuclear translocator	Arnt
161002_at	-1.86	RIKEN cDNA C230088J01 gene	C230088J01Rik
102083_at	-1.86	Ras-like without CAAX 2	Rit2
161881_f_at	-1.87	zinc finger protein 259	Zfp259
97682_r_at	-1.87	glutathione S-transferase, mu 3	Gstm3
98114_at	-1.87	Niemann Pick type C1	Npc1
100749_at	-1.87	RIKEN cDNA D430004I08 gene	D430004I08Rik
160135_at	-1.87	DNA segment, Chr 16, ERATO Doi 502, expressed	D16ErtD502e
161294_f_at	-1.87	clusterin	Clu
97835_at	-1.87	RIKEN cDNA 0610007L05 gene	0610007L05Rik
99546_at	-1.87	FK506 binding protein 2	Fkbp2
103739_at	-1.87	RIKEN cDNA 1110017N23 gene	1110017N23Rik
161092_at	-1.87	uridine monophosphate synthetase	Umps
161257_r_at	-1.87	sorting nexin 17	Snx17
100980_at	-1.87	Rho-associated coiled-coil forming kinase 1	Rock1
94276_at	-1.88	hydroxysteroid (17-beta) dehydrogenase 12	Hsd17b12
161596_f_at	-1.88	A kinase (PRKA) anchor protein 8	Akap8
93264_at	-1.88	sterol regulatory element binding factor 1	Sreb1
160100_at	-1.88	DNA segment, Chr 4, Wayne State University 27, expressed	D4Wsu27e
101938_at	-1.88	poly A binding protein, cytoplasmic 2	Pabpc2
103958_g_at	-1.88	transferrin receptor	Trfr
101082_at	-1.88	malic enzyme, supernatant	Mod1
96972_f_at	-1.89	immunoglobulin kappa chain variable 8 (V8)	Igk-V8
160548_at	-1.89	thioredoxin interacting protein	Txnip
162490_f_at	-1.89	programmed cell death 6	Pdcd6
103933_at	-1.89	yolk sac gene 2	Ysg2
161421_r_at	-1.89	expressed sequence AI504353	AI504353
160253_at	-1.89	fragilis	Fragilis-pending
162500_f_at	-1.89	tissue specific transplantation antigen P35B	Tstap35b
95734_at	-1.89	mitochondrial ribosomal protein L3	Mrlp3
96151_at	-1.89	RIKEN cDNA 1110018O12 gene	1110018O12Rik
104618_at	-1.89	retinoblastoma binding protein 9	Rbbp9
102156_f_at	-1.89		
97261_at	-1.89	DnaJ (Hsp40) homolog, subfamily A, member 1	Dnaja1
96759_r_at	-1.89	SEC14-like 2 (S. cerevisiae)	Sec14l2
162031_f_at	-1.89	RIKEN cDNA A530057M15 gene	A530057M15Rik
102228_at	-1.90	linker for activation of T cells	Lat
95706_at	-1.90	lectin, galactose binding, soluble 3	Lgals3
103223_at	-1.90	RIKEN cDNA 5830406C15 gene	5830406C15Rik
160512_at	-1.90	hypothetical protein MGC28978	MGC28978
97224_at	-1.90	RIKEN cDNA 5730463C12 gene	5730463C12Rik
98149_s_at	-1.90	RIKEN cDNA 1110033J19 gene	1110033J19Rik
104000_at	-1.90	RIKEN cDNA 2210023G05 gene	2210023G05Rik
97430_at	-1.90	glucose-6-phosphatase, transport protein 1	G6pt1
95286_at	-1.90	clusterin	Clu
100322_at	-1.90	immunoglobulin heavy chain 4 (serum IgG1)	Igh-4
95893_at	-1.90	B lymphoid kinase	Blk
101441_i_at	-1.90	inositol 1,4,5-triphosphate receptor 5	Itpr5
104381_at	-1.91	nuclear receptor subfamily 1, group H, member 3	Nr1h3
98767_at	-1.91	YY1 transcription factor	Yy1
92915_s_at	-1.91	homeo box B8	Hoxb8
92688_at	-1.91	acid phosphatase 2, lysosomal	Acp2
162206_f_at	-1.91	suppressor of cytokine signaling 3	Socs3
104407_at	-1.91	activated leukocyte cell adhesion molecule	Alcam
160579_at	-1.91	mannosidase 1, alpha	Man1a

98485_at	-1.91	DNA segment, Chr 7, ERATO Doi 784, expressed	D7Erd784e
160846_at	-1.91	NIMA (never in mitosis gene a)-related expressed kinase 6	Nek6
97203_at	-1.92	MARCKS-like protein	Mlp
97870_s_at	-1.92	ERO1-like (S. cerevisiae)	Ero1l
101061_at	-1.92	signal sequence receptor, beta	Ssr2
102114_f_at	-1.92	angiotensin-like 4	Angptl4
101778_at	-1.92	gap junction membrane channel protein alpha 5	Gja5
93548_at	-1.92	RIKEN cDNA 1190006C12 gene	1190006C12Rik
96020_at	-1.92	complement component 1, q subcomponent, beta polypeptide	C1qb
93940_at	-1.92	paraoxonase 3	Pon3
102721_at	-1.93	immunoglobulin heavy chain 4 (serum IgG1)	Igh-4
96272_at	-1.93	Mus musculus, clone IMAGE:4161424, mRNA	
95417_at	-1.93	hypothetical protein MGC37173	MGC37173
100095_at	-1.93	scavenger receptor class B, member 1	Scarb1
93039_at	-1.93	plasma glutamate carboxypeptidase	Pgcp-pending
98320_at	-1.93	cytochrome P450, 26, retinoic acid A1	Cyp26a1
104579_r_at	-1.93	actinin, alpha 1	Actn1
161055_r_at	-1.93	RIKEN cDNA 6330409N04 gene	6330409N04Rik
94952_at	-1.93	RIKEN cDNA C330012H03 gene	C330012H03Rik
101877_at	-1.94	solute carrier family 31, member 1	Slc31a1
103033_at	-1.94	complement component 4 (within H-2S)	C4
98092_at	-1.94	placenta-specific 8	Plac8
160768_at	-1.94	Mus musculus 9 days embryo whole body cDNA, RIKEN full-length enriched library, clone:D030056L22 product:hypothetical Actinin-type actin-binding domain containing protein, full insert sequence.	
92914_at	-1.94		
97442_at	-1.94	RIKEN cDNA 4933419D20 gene	4933419D20Rik
102737_at	-1.94	endothelin 1	Edn1
96700_r_at	-1.95	hypothetical protein LOC215449	LOC215449
96119_s_at	-1.95	angiotensin-like 4	Angptl4
97521_at	-1.95	argininosuccinate synthetase 1	Ass1
102370_at	-1.95	hydroxysteroid (17-beta) dehydrogenase 11	Hsd17b11
93497_at	-1.95	complement component 3	C3
94076_i_at	-1.95	ribophorin II	Rpn2
97222_at	-1.95	RAB6, member RAS oncogene family	Rab6
97944_f_at	-1.95	T-cell receptor alpha, joining region	Tcra-J
160769_at	-1.95	carcinoma related gene	Flana-pending
161111_f_at	-1.95	desert hedgehog	Dhh
96295_at	-1.96	phosphoserine aminotransferase	Psat-pending
101886_f_at	-1.96	histocompatibility 2, D region locus 1	H2-D1
103529_at	-1.96	RIKEN cDNA 2600017J23 gene	2600017J23Rik
160479_at	-1.96	catalase	Cat
96132_at	-1.96	ethanol induced gene product EIG180	EIG180
99367_at	-1.96	RIKEN cDNA 5530600P05 gene	5530600P05Rik
95026_at	-1.96	RIKEN cDNA 0610039N19 gene	0610039N19Rik
96790_f_at	-1.96	RIKEN cDNA A530057M15 gene	A530057M15Rik
99991_at	-1.97	interleukin 17 receptor	Il17r
93439_f_at	-1.97	PRKC, apoptosis, WT1, regulator	Pawr
160580_at	-1.97	mannosidase 1, alpha	Man1a
99142_at	-1.97	RIKEN cDNA 2310021M12 gene	2310021M12Rik
97540_f_at	-1.97	histocompatibility 2, D region locus 1	H2-D1
104374_at	-1.97	serine (or cysteine) proteinase inhibitor, clade A, member 3N	Serpina3n
100538_at	-1.97	superoxide dismutase 1, soluble	Sod1
161644_f_at	-1.98	guanidinoacetate methyltransferase	Gamt
103302_r_at	-1.98	SRY-box containing gene 3	Sox3
104719_at	-1.98	solute carrier family 12, member 7	Slc12a7
103708_at	-1.98	eukaryotic translation initiation factor 1A	Eif1a
93121_at	-1.98	ribosomal protein S24	Rps24
100475_at	-1.98	tripartite motif protein 25	Trim25
160101_at	-1.98	heme oxygenase (decycling) 1	Hmox1
96605_at	-1.99	RIKEN cDNA 0610011I04 gene	0610011I04Rik
103590_at	-1.99	gamma-glutamyl carboxylase	Ggcx
92269_r_at	-1.99	ESTs	
160597_at	-1.99	DNA segment, Chr 1, ERATO Doi 622, expressed	D1Erd622e
95733_at	-1.99	solute carrier family 29 (nucleoside transporters), member 1	Slc29a1

102104_f_at	-2.00	membrane-spanning 4-domains, subfamily A, member 6B	Ms4a6b
98505_i_at	-2.00	coproporphyrinogen oxidase	Cpo
94471_r_at	-2.00	solute carrier family 30 (zinc transporter), member 5	Slc30a5
93128_at	-2.01	neuropeptide Y receptor Y1	Npy1r
162248_f_at	-2.01	RIKEN cDNA 2010012D11 gene	2010012D11Rik
104282_at	-2.01	Mus musculus adult female vagina cDNA, RIKEN full-length enriched library, clone:9930106P14 product:unclassifiable, full insert sequence.	
162496_r_at	-2.01	RIKEN cDNA 1010001M12 gene	1010001M12Rik
95401_at	-2.01	hypothetical protein MGC47289	MGC47289
97980_at	-2.01	lymphotoxin B receptor	Ltbr
104388_at	-2.01	chemokine (C-C motif) ligand 9	Ccl9
97652_at	-2.01	growth hormone releasing hormone receptor	Ghrhr
160324_at	-2.01	RIKEN cDNA C330026P08 gene	C330026P08Rik
160386_at	-2.01	RIKEN cDNA C130052I12 gene	C130052I12Rik
93606_s_at	-2.01	immunoglobulin superfamily, member 4	Igsf4
160233_at	-2.01	adenylate kinase 3 alpha-like	Ak3l
101464_at	-2.02	tissue inhibitor of metalloproteinase 1	Timp1
99070_at	-2.02	conserved helix-loop-helix ubiquitous kinase	Chuk
99338_at	-2.02	TBP-interacting protein	Tp120a-pending
103992_f_at	-2.02	ESTs, Weakly similar to hypothetical protein MGC10818 [Homo sapiens] [H.sapiens]	
161826_r_at	-2.02	glutamate-ammonia ligase (glutamine synthase)	Glul
93045_at	-2.02	ATP-binding cassette, sub-family D (ALD), member 3	Abcd3
96672_at	-2.02	homeodomain only protein	Hop-pending
92532_at	-2.03	arginine vasopressin receptor 1A	Avpr1a
104195_at	-2.03	RIKEN cDNA 5730408K05 gene	5730408K05Rik
103658_r_at	-2.03	RIKEN cDNA 9230112N11 gene	9230112N11Rik
93729_at	-2.03	microtubule-associated protein 7	Mtap7
103204_r_at	-2.03	ESTs, Moderately similar to hypothetical protein FLJ23311 [Homo sapiens] [H.sapiens]	
95861_at	-2.04	ESTs	
96640_at	-2.04	RIKEN cDNA 3110001A13 gene	3110001A13Rik
96486_at	-2.04	Mus musculus 3 days neonate thymus cDNA, RIKEN full-length enriched library, clone:A630052H06 product:unknown EST, full insert sequence.	
161437_f_at	-2.04	RIKEN cDNA 4930578F06 gene	4930578F06Rik
103755_at	-2.04	SH3 domain protein D19	Sh3d19
96123_at	-2.04	lipopolysaccharide binding protein	Lbp
94378_at	-2.04	regulator of G-protein signaling 16	Rgs16
96093_at	-2.04	open reading frame 11	ORF11
100906_at	-2.05	integrin beta 7	Itgb7
104201_at	-2.05	placental specific protein 1	Plac1
99872_s_at	-2.05	ferritin light chain 1	Ftl1
93550_at	-2.05	cysteine-rich protein 2	Csrp2
160755_at	-2.05	kinesin family member 2C	Kif2c
93655_at	-2.05	upstream transcription factor 1	Usf1
99993_at	-2.05	alanyl (membrane) aminopeptidase	Anpep
93574_at	-2.06	serine (or cysteine) proteinase inhibitor, clade F), member 1	Serpinf1
161356_at	-2.06	SMAF1	SMAF1
160424_f_at	-2.06	farnesyl diphosphate synthetase	Fdps
94343_at	-2.06	DnaJ (Hsp40) homolog, subfamily C, member 3	Dnajc3
97450_s_at	-2.06	aldehyde dehydrogenase family 7, member A1	Aldh7a1
92222_f_at	-2.07	histocompatibility 2, Q region locus 1	H2-Q1
162245_f_at	-2.07	Mus musculus, Similar to hypothetical protein FLJ22789, clone IMAGE:5042703, mRNA	
161920_r_at	-2.07	enhancer trap locus 1	Etl1
95709_at	-2.07	DNA segment, Chr 7, Wayne State University 86, expressed	D7Wsu86e
92193_r_at	-2.08	proprotein convertase subtilisin/kexin type 5	Pcsk5
100022_at	-2.08	cytokine inducible SH2-containing protein	Cish
103391_at	-2.08	hypothetical protein C430041M20	C430041M20
103451_at	-2.08	PTK2 protein tyrosine kinase 2 beta	Ptk2b
93278_at	-2.08	sterol carrier protein 2, liver	Scp2
95749_at	-2.08	arginine-rich, mutated in early stage tumors	Armet
103914_at	-2.08	RIKEN cDNA 1110033E03 gene	1110033E03Rik
161480_i_at	-2.08	ribosomal protein, large, P1	Rplp1
94369_at	-2.08	glucosamine-phosphate N-acetyltransferase 1	Gnpnat1

95880_s_at	-2.09	ESTs	
103285_at	-2.09	methyl-CpG binding domain protein 4	Mbd4
96963_s_at	-2.09		
102202_s_at	-2.09	Mpv17 transgene, kidney disease mutant	Mpv17
102322_at	-2.09	UDP-glucose dehydrogenase	Ugdh
93542_at	-2.09	phosphotriesterase related	Pter
97247_at	-2.09	RIKEN cDNA 2610034N03 gene	2610034N03Rik
101515_at	-2.09	acyl-Coenzyme A oxidase 1, palmitoyl	Acox1
104134_at	-2.09	ganglioside-induced differentiation-associated-protein 2	Gdap2
103448_at	-2.09	S100 calcium binding protein A8 (calgranulin A)	S100a8
93434_at	-2.10	sulfotransferase-related protein SULT-X1	Sult-x1
96231_at	-2.10	RIKEN cDNA 2010012D11 gene	2010012D11Rik
103990_at	-2.10	FBJ osteosarcoma oncogene B	Fosb
103028_at	-2.10	IL2-inducible T-cell kinase	Itk
104628_at	-2.11	mannosidase 2, alpha 1	Man2a1
94512_f_at	-2.11	archain 1	Arcn1
103132_at	-2.11	ESTs, Moderately similar to S12207 hypothetical protein (B2 element) - mouse [M.musculus]	
101060_at	-2.11	glucose regulated protein	Grp58
161696_f_at	-2.11	expressed sequence C77080	C77080
160576_at	-2.11	RIKEN cDNA 4930563P03 gene	4930563P03Rik
161788_f_at	-2.12	endothelial differentiation sphingolipid G-protein-coupled receptor 1	Edg1
97567_f_at	-2.12	immunoglobulin kappa chain variable 8 (V8)	Igk-V8
94279_at	-2.12	RIKEN cDNA 0610008F14 gene	0610008F14Rik
99930_s_at	-2.12	presenilin 2	Psen2
92768_s_at	-2.12	aminolevulinic acid synthase 2, erythroid	Alas2
93500_at	-2.12	aminolevulinic acid synthase 1	Alas1
96336_at	-2.12	glycine amidinotransferase (L-arginine:glycine amidinotransferase)	Gatm
160369_at	-2.12	RIKEN cDNA 2310076D10 gene	2310076D10Rik
98956_at	-2.12	RIKEN cDNA 1810049E02 gene	1810049E02Rik
93285_at	-2.13	dual specificity phosphatase 6	Dusp6
102783_at	-2.13	RIKEN cDNA 2310009E04 gene	2310009E04Rik
100325_at	-2.14	glycoprotein 49 A	Gp49a
96948_at	-2.15	quininoid dihydropteridine reductase	Qdpr
101676_at	-2.15	glutathione peroxidase 3	Gpx3
160396_at	-2.15	RIKEN cDNA 0610013I17 gene	0610013I17Rik
94556_at	-2.15	RIKEN cDNA 2410004M09 gene	2410004M09Rik
96345_at	-2.15	serologically defined breast cancer antigen 84	Sdbcag84
94644_at	-2.15	butyrylcholinesterase	Bche
98631_g_at	-2.15	NAD(P) dependent steroid dehydrogenase-like	Nsdhl
160141_r_at	-2.16	splicing factor, arginine/serine-rich 1 (ASF/SF2)	Sfrs1
161970_f_at	-2.16	3-hydroxy-3-methylglutaryl-Coenzyme A lyase	Hmgcl
104412_at	-2.17	guanine nucleotide binding protein, alpha inhibiting 1	Gnai1
99378_f_at	-2.17	histocompatibility 2, Q region locus 1	H2-Q1
103845_at	-2.17	solute carrier family 31, member 1	Slc31a1
160829_at	-2.17	pleckstrin homology-like domain, family A, member 1	Phlda1
161345_f_at	-2.17	cytochrome P450, 7b1	Cyp7b1
161495_r_at	-2.17	creatine kinase, mitochondrial 1, ubiquitous	Ckmt1
95228_f_at	-2.18	angiogenin-like	Angl
103909_at	-2.18	copper chaperone for superoxide dismutase	Ccs
93236_s_at	-2.18	thymidylate synthase	Tyms
97402_at	-2.18	thioether S-methyltransferase	Temt
94418_at	-2.18	long chain fatty acyl elongase	Lce-pending
104626_at	-2.18	RIKEN cDNA 2700018N07 gene	2700018N07Rik
94063_at	-2.19	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A	Sema4a
94247_at	-2.19	E26 avian leukemia oncogene 2, 3' domain	Ets2
161912_r_at	-2.19	numb gene homolog (Drosophila)	Numb
161411_i_at	-2.19	EST	
102425_at	-2.19	transducin-like enhancer of split 1, homolog of Drosophila E(spl)	Tle1
161530_r_at	-2.19	sema domain, immunoglobulin domain (Ig), transmembrane domain (TM) and short cytoplasmic domain, (semaphorin) 4A	Sema4a
104165_at	-2.19	vanin 1	Vnn1
100772_g_at	-2.19	B-cell linker	Blnk

AFFX-PyruCarbMur/L 09192_3_at	-2.19	pyruvate carboxylase	Pcx
102125_f_at	-2.20	serine protease inhibitor 6	Spi6
104211_at	-2.20	integrin alpha 3	Itga3
93573_at	-2.20	metallothionein 1	Mt1
92736_at	-2.20	solute carrier family 7 (cationic amino acid transporter, y+ system), member 2	Slc7a2
101028_i_at	-2.21	actin, alpha, cardiac	Actc1
93202_at	-2.21	5' nucleotidase, ecto	Nt5e
95442_at	-2.22	hypothetical protein MGC18837	MGC18837
101009_at	-2.22	keratin complex 2, basic, gene 8	Krt2-8
161571_f_at	-2.22	complement component 1, r subcomponent	C1r
98923_at	-2.23	RNA cyclase homolog	Rnac-pending
104325_at	-2.23	RIKEN cDNA 1110025G12 gene	1110025G12Rik
160509_at	-2.24	chitinase, acidic	Chia-pending
97132_at	-2.24	hypothetical protein MGC36039	MGC36039
97449_at	-2.24	aldehyde dehydrogenase family 7, member A1	Aldh7a1
93867_at	-2.24	ATP-binding cassette, sub-family D (ALD), member 4	Abcd4
98322_at	-2.24	solute carrier family 22 (organic cation transporter), member 5	Slc22a5
98408_at	-2.25	hematopoietically expressed homeobox	Hhex
104547_at	-2.25	dihydrofolate reductase	Dhfr
101656_f_at	-2.25	immunoglobulin kappa chain variable 8 (V8)	Igk-V8
96502_at	-2.25	phosphate regulating gene with homologies to endopeptidases on the X chromosome	Phex
160832_at	-2.25	low density lipoprotein receptor	Ldlr
95030_at	-2.25	prolactin receptor	Prlr
161763_r_at	-2.25	phosphatidylinositol-4-phosphate 5-kinase, type II, gamma	Pip5k2c
102337_s_at	-2.26	Fc receptor, IgG, low affinity IIb	Fcgr2b
102804_at	-2.26	CEA-related cell adhesion molecule 1	Ceacam1
93445_at	-2.26	apoptosis inhibitor 6	Api6
98398_s_at	-2.26	apolipoprotein B editing complex 1	Apobec1
95787_s_at	-2.26	sterol carrier protein 2, liver	Scp2
94241_at	-2.26	RIKEN cDNA 1300003G02 gene	1300003G02Rik
98112_r_at	-2.26	leucine aminopeptidase 3	Lap3
100633_at	-2.27	RIKEN cDNA 2810484M10 gene	2810484M10Rik
96735_at	-2.27	serologically defined colon cancer antigen 28	Sdccag28
92291_f_at	-2.27	expressed sequence AI194696	AI194696
98859_at	-2.28	acid phosphatase 5, tartrate resistant	Acp5
161161_r_at	-2.28	expressed in non-metastatic cells 1, protein (NM23A) (nucleoside diphosphate kinase)	Nme1
92746_at	-2.29	N-acetyltransferase 2 (arylamine N-acetyltransferase)	Nat2
97257_at	-2.29	CGI-83 protein	Cgi-83-pending
103498_at	-2.29	glucagon receptor	Gcgr
94232_at	-2.30	cyclin D1	Ccnd1
161357_r_at	-2.30	glutathione S-transferase, mu 2	Gstm2
161964_r_at	-2.30	protein kinase C, zeta	Prkcz
100944_at	-2.31	ESTs	
104179_at	-2.32	ADP-ribosylation factor 6	Arf6
98315_at	-2.32	tectorin alpha	Tecta
93842_at	-2.32	hypothetical protein MGC6998	MGC6998
103986_at	-2.33	inhibin beta-C	Inhbc
161524_r_at	-2.33	glucose phosphate isomerase 1	Gpi1
100491_at	-2.33	solute carrier family 16 (monocarboxylic acid transporters), member 2	Slc16a2
102843_s_at	-2.33		
99098_at	-2.33	farnesyl diphosphate synthetase	Fdps
160482_at	-2.33	acetyl-Coenzyme A acyltransferase 1	Acaa1
94278_at	-2.34	lymphocyte cytosolic protein 1	Lcp1
96025_g_at	-2.34	S-adenosylhomocysteine hydrolase	Ahcy
99038_at	-2.35	adenylosuccinate synthetase 2, non muscle	Adss2
98409_at	-2.35	myosin IB	Myo1b
103810_at	-2.36	transformation related protein 63	Trp63
96831_at	-2.36	protein disulfide isomerase-related	Pdir-pending
161536_r_at	-2.36	dual specificity phosphatase 6	Dusp6
101019_at	-2.36	cathepsin C	Ctsc

99108_s_at	-2.37		
104413_at	-2.37	Mus musculus 7 days embryo whole body cDNA, RIKEN full-length enriched library, clone:C430014O21 product:similar to UDP-GLUCURONIC ACID/UDP-N-ACETYL GALACTOSAMINE TRANSPORTER (UDP-GLCA/UDP-GALNAC TRANSPORTER) [Homo sapiens], full insert sequence.	
97924_at	-2.38	UDP-N-acetylglucosamine-2-epimerase/N-acetylmannosamine kinase	Uae1
99649_at	-2.38	glutamate-cysteine ligase, catalytic subunit	Gclc
93557_at	-2.38	selenophosphate synthetase 2	Sps2
160085_at	-2.38	thiosulfate sulfurtransferase, mitochondrial	Tst
97525_at	-2.38	glycerol kinase	Gyk
94417_at	-2.38	RIKEN cDNA 2010008E23 gene	2010008E23Rik
102161_f_at	-2.39		
94325_at	-2.39	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1	Hmgcs1
93320_at	-2.39	carnitine palmitoyltransferase 1, liver	Cpt1a
161528_r_at	-2.39	polymerase (DNA directed), delta 1, catalytic subunit (125kDa)	Pold1
98346_at	-2.40	RIKEN cDNA 9530051K01 gene	9530051K01Rik
101578_f_at	-2.40	actin, beta, cytoplasmic	Actb
92898_at	-2.40	cytochrome P450, 7b1	Cyp7b1
93155_at	-2.40	RIKEN cDNA 1500032A09 gene	1500032A09Rik
162479_f_at	-2.41	ferritin light chain 1	Ftl1
95366_at	-2.42		
95545_at	-2.42	insulin-like growth factor 1	Igf1
95244_at	-2.42	zinc finger protein 40	Zfp40
95349_g_at	-2.42	chemokine (C-X-C motif) ligand 1	Cxcl1
93495_at	-2.42	peroxiredoxin 4	Prdx4
101408_at	-2.43	guanidinoacetate methyltransferase	Gamt
96528_at	-2.43	ADP-ribosylation-like 4	Arl4
103660_at	-2.43	peroxisomal biogenesis factor 11a	Pex11a
102701_at	-2.43	cytochrome P450, 2b10, phenobarbitol inducible, type b	Cyp2b10
98533_at	-2.44	cytochrome b-5	Cyb5
161326_f_at	-2.44	serine (or cysteine) proteinase inhibitor, clade A, member 6	Serpina6
101561_at	-2.45	metallothionein 2	Mt2
97772_at	-2.45	plasminogen activator, urokinase	Plau
96026_at	-2.45	S-adenosylhomocysteine hydrolase	Ahcy
160706_at	-2.45	RIKEN cDNA 3110004L20 gene	3110004L20Rik
160335_at	-2.45	glutamate-cysteine ligase , modifier subunit	Gclm
94322_at	-2.46	squalene epoxidase	Sqle
160350_at	-2.46	glutathione transferase zeta 1 (maleylacetoacetate isomerase)	Gstz1
161695_f_at	-2.46	solute carrier family 6 (neurotransmitter transporter, serotonin), member 4	Slc6a4
160104_at	-2.46	expressed sequence AI195443	AI195443
103665_at	-2.46	long chain fatty acyl elongase	Lce-pending
99107_at	-2.47	growth hormone receptor	Ghr
102852_at	-2.47	cadherin 2	Cdh2
101659_at	-2.48	hydroxysteroid dehydrogenase-2, delta<5>-3-beta	Hsd3b2
161422_f_at	-2.48	uncoupling protein 1, mitochondrial	Ucp1
160460_at	-2.49	suppressor of K+ transport defect 3	Skd3
94209_g_at	-2.50	protein disulfide isomerase-related protein	P5-pending
99959_at	-2.50	adenylate kinase 4	Ak4
101853_f_at	-2.51	complement component factor h	Cfh
95348_at	-2.51	chemokine (C-X-C motif) ligand 1	Cxcl1
97320_at	-2.52	RIKEN cDNA 1600025H15 gene	1600025H15Rik
93516_at	-2.52	t-complex testis expressed 1	Tctex1
103531_f_at	-2.52	RIKEN cDNA 1300013B24 gene	1300013B24Rik
98466_r_at	-2.52	interferon activated gene 204	Ifi204
96243_f_at	-2.53	aldehyde dehydrogenase 9, subfamily A1	Aldh9a1
98447_at	-2.53	CCAAT/enhancer binding protein (C/EBP), alpha	Cebpa
160850_at	-2.54	folypolyglutamyl synthetase	Fpgs
101964_at	-2.55	transketolase	Tkt
99580_s_at	-2.57	UDP-glucuronosyltransferase 1 family, member 1	Ugt1a1
95060_at	-2.57	solute carrier family 16 (monocarboxylic acid transporters), member 7	Slc16a7
96627_at	-2.58	phenylalkylamine Ca2+ antagonist (emopamil) binding protein	Ebp
101539_f_at	-2.58	carboxylesterase 3	Ces3
160936_at	-2.58	RIKEN cDNA 1810049E02 gene	1810049E02Rik
94906_at	-2.59	alcohol dehydrogenase 1 (class I)	Adh1
92537_g_at	-2.59		

94338_g_at	-2.59	growth arrest specific 2	Gas2
102840_at	-2.60	protein tyrosine phosphatase, non-receptor type 12	Ptpn12
99638_at	-2.61	procollagen, type XVIII, alpha 1	Col18a1
102373_at	-2.61	glutamyl aminopeptidase	Enpep
93015_at	-2.62	glutathione S-transferase, alpha 3	Gsta3
97420_at	-2.63	leucine-rich alpha-2-glycoprotein	Lrg-pending
104447_r_at	-2.63	RIKEN cDNA 4933428G09 gene	4933428G09Rik
102313_at	-2.63	GTP cyclohydrolase 1	Gch
160571_at	-2.64	isocitrate dehydrogenase 1 (NADP+), soluble	Idh1
103087_at	-2.64	sulfotransferase family 1A, phenol-preferring, member 1	Sult1a1
97243_at	-2.64	solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 1	Slc9a3r1
93747_at	-2.65	RIKEN cDNA 4930523M17 gene	4930523M17Rik
104696_at	-2.66	cathepsin E	Ctse
161401_f_at	-2.66	aldehyde dehydrogenase family 3, subfamily A2	Aldh3a2
95019_at	-2.67	glutathione S-transferase, theta 1	Gstt1
93868_at	-2.67	NAD(P) dependent steroid dehydrogenase-like	Nsdhl
97173_f_at	-2.70	histocompatibility 2, T region locus 23	H2-T23
99184_at	-2.71	cysteine sulfinic acid decarboxylase	Csad
96712_at	-2.71	SPARC related modular calcium binding 1	Smoc1
101531_at	-2.71	aldolase 2, B isoform	Aldo2
93496_at	-2.72	RIKEN cDNA 1110059L23 gene	1110059L23Rik
104480_at	-2.72	desmoglein 2	Dsg2
101470_at	-2.73	hypothetical protein MGC38950	MGC38950
161870_at	-2.73	ubiquitin specific protease 15	Usp15
98989_at	-2.75	7-dehydrocholesterol reductase	Dhcr7
96090_g_at	-2.76	RIKEN cDNA 4931406C07 gene	4931406C07Rik
96758_s_at	-2.79	SEC14-like 2 (S. cerevisiae)	Sec14l2
96038_at	-2.79	ribonuclease, RNase A family 4	Rnase4
103335_at	-2.81	lectin, galactose binding, soluble 9	Lgals9
102707_f_at	-2.81	serine (or cysteine) proteinase inhibitor, clade A, member 3C	Serpina3c
161609_at	-2.81	regulator of G-protein signaling 16	Rgs16
94432_at	-2.81	sialyltransferase 1 (beta-galactoside alpha-2,6-sialyltransferase)	Siat1
161900_f_at	-2.82	ESTs, Moderately similar to B3AR_MOUSE Beta-3 adrenergic receptor [M.musculus]	
160477_at	-2.82	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4	Ndufa4
92800_i_at	-2.83	ATP synthase, H+ transporting, mitochondrial F1 complex, gamma polypeptide 1	Atp5c1
95148_at	-2.83	adenylate kinase 2	Ak2
101071_at	-2.84	myosin heavy chain, cardiac muscle, adult	Myhca
99521_at	-2.84	adenylate kinase 4	Ak4
93827_at	-2.85	tryptophan 2,3-dioxygenase	Tdo2
102820_at	-2.86		
94834_at	-2.86	cathepsin H	Ctsh
93485_at	-2.86	protein tyrosine phosphatase, receptor type, D	Ptprd
101908_s_at	-2.86	CEA-related cell adhesion molecule 2	Ceacam2
102805_at	-2.87	CEA-related cell adhesion molecule 1	Ceacam1
92918_at	-2.88	coagulation factor VII	F7
103934_at	-2.88	gamma-aminobutyric acid (GABA-A) transporter 3	Gabt3
93840_at	-2.88	apolipoprotein M	Apom
102171_r_at	-2.89	nuclear receptor subfamily 1, group I, member 3	Nr1i3
97456_at	-2.89	fatty acid Coenzyme A ligase, long chain 5	Facl5
99811_at	-2.89	neuropeptide Y receptor Y6	Npy6r
160119_at	-2.89	matrix gamma-carboxylglutamate (gla) protein	Mglap
160391_at	-2.89	RIKEN cDNA 0710001O03 gene	0710001O03Rik
96047_at	-2.90	retinol binding protein 4, plasma	Rbp4
104603_at	-2.91	glutathione S-transferase, theta 2	Gstt2
100136_at	-2.91	lysosomal membrane glycoprotein 2	Lamp2
103506_f_at	-2.91	desmocollin 2	Dsc2
162483_f_at	-2.93	procollagen, type XVIII, alpha 1	Col18a1
104065_at	-2.94	ER degradation enhancing alpha mannosidase-like	Edem-pending
95043_at	-2.95	similar to CYTOCHROME P450 2C22 (CYP11C22) (P450 MD) (P450 P49)	LOC226105
93837_at	-2.97	kininogen	Kng
96603_at	-2.98	quiescin Q6	Qscn6
94777_at	-2.98	albumin 1	Alb1
96227_at	-2.99	serine (or cysteine) proteinase inhibitor, clade A, member 6	Serpina6

97969_at	-3.00	nuclear receptor subfamily 1, group H, member 4	Nr1h4
102142_r_at	-3.00	ESTs, Weakly similar to PBAS_MOUSE Probasin precursor (PB) [M.musculus]	
160306_at	-3.00	thyroid hormone responsive SPOT14 homolog (Rattus)	Thrsp
99019_at	-3.00	P450 (cytochrome) oxidoreductase	Por
103944_at	-3.01	RAD51-like 1 (S. cerevisiae)	Rad5111
99559_at	-3.02	aldehyde dehydrogenase family 3, subfamily A2	Aldh3a2
104004_at	-3.03	RIKEN cDNA 3110027H23 gene	3110027H23Rik
104273_at	-3.03	bile acid-Coenzyme A: amino acid N-acyltransferase	Baat
93872_at	-3.03	glial cell line derived neurotrophic factor family receptor alpha 1	Gfra1
160611_at	-3.03	expressed sequence AW111961	AW111961
104566_at	-3.04	argininosuccinate lyase	Asl
96269_at	-3.05	RIKEN cDNA 4832416K17 gene	4832416K17Rik
93351_at	-3.06	hydroxyprostaglandin dehydrogenase 15 (NAD)	Hpgd
97427_at	-3.06	mannose binding lectin, serum (C)	Mbl2
160564_at	-3.06	lipocalin 2	Lcn2
102035_at	-3.06	thiopurine methyltransferase	Tpmt
94270_at	-3.06	keratin complex 1, acidic, gene 18	Krt1-18
104286_at	-3.07	solute carrier family 38, member 4	Slc38a4
93013_at	-3.09	inhibitor of DNA binding 2	Idb2
95356_at	-3.10	apolipoprotein E	Apoe
99452_at	-3.10	liver-specific bHLH-Zip transcription factor	Lisch7-pending
103519_at	-3.10	carboxylesterase 1	Ces1
96795_at	-3.12	fatty acid amide hydrolase	Faah
99926_at	-3.12		
96806_at	-3.12	RIKEN cDNA 2610511G02 gene	2610511G02Rik
101571_g_at	-3.12	insulin-like growth factor binding protein 4	Igfbp4
96024_at	-3.13	S-adenosylhomocysteine hydrolase	Ahcy
104506_at	-3.14	nuclear receptor subfamily 1, group I, member 3	Nr1i3
98588_at	-3.16	fumarylacetoacetate hydrolase	Fah
96048_at	-3.16	heat-responsive protein 12	Hrsp12
98459_at	-3.16	serine hydroxymethyl transferase 1 (soluble)	Shmt1
160088_at	-3.17	flavin containing monooxygenase 5	Fmo5
94414_at	-3.22	ornithine transcarbamylase	Otc
93026_at	-3.22	microsomal glutathione S-transferase 1	Mgst1
93766_at	-3.25	regucalcin	Rgn
103085_at	-3.25	heme binding protein 1	Hebp1
102998_at	-3.26	cytochrome P450, 1a2, aromatic compound inducible	Cyp1a2
93996_at	-3.28	cytochrome P450, 2e1, ethanol inducible	Cyp2e1
102748_at	-3.28	coagulation factor V	F5
101575_i_at	-3.28	serine protease inhibitor 1-2	Spi1-2
101565_f_at	-3.30	serine protease inhibitor 1-3	Spi1-3
104658_at	-3.30	leukemia inhibitory factor receptor	Lifr
104484_at	-3.31	sulfotransferase, hydroxysteroid preferring 2	Sth2
93975_at	-3.32	RIKEN cDNA 1300002F13 gene	1300002F13Rik
104519_at	-3.32	inter-alpha trypsin inhibitor, heavy chain 2	Itih2
101538_i_at	-3.32	carboxylesterase 3	Ces3
103422_at	-3.33	CD1d1 antigen	Cd1d1
95350_at	-3.33	transthyretin	Ttr
101329_f_at	-3.34	immunoglobulin kappa chain variable 8 (V8)	Igk-V8
102861_at	-3.35	solute carrier family 22 (organic cation transporter), member 1-like	Slc22a1l
99083_at	-3.36	expressed sequence AI266900	AI266900
95137_at	-3.36	RIKEN cDNA 1810014L12 gene	1810014L12Rik
103257_at	-3.36	expressed sequence AW109744	AW109744
100339_at	-3.37	solute carrier family 10 (sodium/bile acid cotransporter family), member 1	Slc10a1
99854_at	-3.38	sulfotransferase-related protein SULT-X2	Sult-x2
92835_at	-3.38	camello-like 1	Cml1
99463_at	-3.40	cytochrome P450, steroid inducible 3a13	Cyp3a13
103714_at	-3.41	RIKEN cDNA 0610009A07 gene	0610009A07Rik
101897_g_at	-3.42	CD1d2 antigen	Cd1d2
101585_at	-3.43	progesterone receptor membrane component 1	Pgrmc1
94778_at	-3.43	aldehyde dehydrogenase family 1, subfamily A7	Aldh1a7
94383_at	-3.43	tissue factor pathway inhibitor 2	Tfpi2
102847_s_at	-3.43	cytochrome P450, 2a4	Cyp2a4
104643_at	-3.44	cDNA sequence BC037006	BC037006

103333_at	-3.46	glucose-6-phosphatase, catalytic	G6pc
98627_at	-3.47	insulin-like growth factor binding protein 2	Igfbp2
102769_f_at	-3.47	sterol-C5-desaturase (fungal ERG3, delta-5-desaturase) homolog (S. cerevisiae)	Sc5d
101881_g_at	-3.48	procollagen, type XVIII, alpha 1	Col18a1
96918_at	-3.48	fructose bisphosphatase 1	Fbp1
97825_at	-3.49	p53 apoptosis effector related to Pmp22	Perp-pending
95339_r_at	-3.49	matrix metalloproteinase 12	Mmp12
97316_at	-3.50	RIKEN cDNA 1300002P22 gene	1300002P22Rik
97867_at	-3.52	hydroxysteroid 11-beta dehydrogenase 1	Hsd11b1
99571_at	-3.54	hypothetical protein MGC29978	MGC29978
94743_f_at	-3.55	complement component factor h	Cfh
103728_at	-3.56	ESTs	
101735_f_at	-3.56	angiogenin related protein	Angrp
93770_at	-3.57	cytochrome P450, steroid inducible 3a11	Cyp3a11
92600_f_at	-3.58	cytochrome P450, 4a10	Cyp4a10
95546_g_at	-3.60	insulin-like growth factor 1	Igf1
102816_at	-3.62	serine (or cysteine) proteinase inhibitor, clade A, member 3M	Serpina3m
101638_s_at	-3.63	cytochrome P450, 3a16	Cyp3a16
94440_at	-3.64	expressed sequence AI876593	AI876593
96938_at	-3.64	kidney expressed gene 1	Keg1
94493_at	-3.65	claudin 3	Cldn3
102768_i_at	-3.66	sterol-C5-desaturase (fungal ERG3, delta-5-desaturase) homolog (S. cerevisiae)	Sc5d
94045_at	-3.68	alpha 1 microglobulin/bikunin	Ambp
103389_at	-3.68	aminoadipate-semialdehyde synthase	Aass
103670_at	-3.69	cytochrome P450, 2a12	Cyp2a12
95566_at	-3.69	glycosylphosphatidylinositol specific phospholipase D1	Gpld1
96763_at	-3.70	sarcosine dehydrogenase	Sardh
98295_at	-3.70	cytochrome P450, 2c39	Cyp2c39
104659_g_at	-3.71	leukemia inhibitory factor receptor	Lifr
92612_at	-3.71	solute carrier family 27 (fatty acid transporter), member 5	Slc27a5
101898_s_at	-3.71	histocompatibility 2, Q region locus 10	H2-Q10
103977_at	-3.72	coagulation factor X	F10
92851_at	-3.72	ceruloplasmin	Cp
160387_at	-3.74	RIKEN cDNA 1110055L24 gene	1110055L24Rik
93824_at	-3.74	hypothetical protein 4732433M03	4732433M03
100634_at	-3.75	retinol dehydrogenase 7	Rdh7
95407_at	-3.75	phenylalanine hydroxylase	Pah
101537_at	-3.76	esterase 1	Es1
93109_f_at	-3.76	serine protease inhibitor 1-4	Spi1-4
101566_f_at	-3.77		
104007_at	-3.77	solute carrier family 25 (mitochondrial carrier; ornithine transporter), member 15	Slc25a15
95727_at	-3.77	apolipoprotein A-V	Apoa5
97889_at	-3.79	fatty acid binding protein 2, intestinal	Fabp2
101576_f_at	-3.81	serine protease inhibitor 1-2	Spi1-2
100966_at	-3.85	serine (or cysteine) proteinase inhibitor, clade D, member 1	Serpind1
160478_r_at	-3.86	ribosomal protein L32	Rpl32
96346_at	-3.87	cysteine dioxygenase 1, cytosolic	Cdo1
103703_f_at	-3.89	RIKEN cDNA C730048C13 gene	C730048C13Rik
101862_at	-3.90	cytochrome P450, 2b9, phenobarbital inducible, type a	Cyp2b9
95728_g_at	-3.91	apolipoprotein A-V	Apoa5
94993_f_at	-3.93	complement component factor h	Cfh
160537_at	-3.95	N-sulfotransferase	Sultn
101574_f_at	-3.96	serine protease inhibitor 1-5	Spi1-5
101899_at	-3.96	coagulation factor II	F2
99422_at	-3.97	RIKEN cDNA 1600014C10 gene	1600014C10Rik
160639_at	-3.98	hepsin	Hpn
99862_at	-3.99	alpha-2-HS-glycoprotein	Ahsg
101682_f_at	-4.00	major urinary protein 4	Mup4
96134_at	-4.05	deleted in polyposis 1-like 1	Dp111
100916_at	-4.06	solute carrier family 22 (organic cation transporter), member 1	Slc22a1
103227_at	-4.06	expressed sequence AI788959	AI788959

97418_at	-4.08	betaine-homocysteine methyltransferase 2	Bhmt2
102799_at	-4.09	complement component 4 binding protein	C4bp
103786_at	-4.11	hypothetical protein 9130208G10	9130208G10
95603_at	-4.11	DNA segment, Chr 19, Wayne State University 57, expressed	D19Wsu57e
100967_at	-4.12	solute carrier family 27 (fatty acid transporter), member 2	Slc27a2
98549_at	-4.12	vitronectin	Vtn
101532_g_at	-4.12	aldolase 2, B isoform	Aldo2
101844_at	-4.13	peroxisomal sarcosine oxidase	Pso
102961_at	-4.14	expressed sequence AW413091	AW413091
161827_f_at	-4.17	hemopexin	Hpxn
104086_at	-4.19	RIKEN cDNA 1200014D15 gene	1200014D15Rik
99197_at	-4.19	group specific component	Gc
96787_at	-4.19	hypothetical protein MGC25863	MGC25863
102084_f_at	-4.21	cytochrome P450, 2c38	Cyp2c38
100329_at	-4.21	serine protease inhibitor 1-4	Spi1-4
160481_at	-4.23	phosphoenolpyruvate carboxykinase 1, cytosolic	Pck1
103357_at	-4.23	solute carrier family 2 (facilitated glucose transporter), member 2	Slc2a2
102806_g_at	-4.24	CEA-related cell adhesion molecule 1	Ceacam1
93354_at	-4.24	apolipoprotein C-I	Apoc1
98137_at	-4.25	carbonic anhydrase 5a, mitochondrial	Car5a
96074_at	-4.25	expressed sequence AI255964	AI255964
93771_at	-4.27	gap junction membrane channel protein beta 1	Gjb1
96895_at	-4.28	paraoxonase 1	Pon1
103649_at	-4.28	hydroxyacid oxidase (glycolate oxidase) 3	Hao3
94049_at	-4.29	betaine-homocysteine methyltransferase	Bhmt
160674_at	-4.32	transferrin receptor 2	Trfr2
98123_at	-4.33	kynurenine aminotransferase II	Kat2
161815_f_at	-4.34	major urinary protein 1	Mup1
94318_at	-4.34	apolipoprotein H	ApoH
93096_at	-4.36	RIKEN cDNA 3010002H13 gene	3010002H13Rik
97435_at	-4.39	coagulation factor XIII, beta subunit	F13b
93251_at	-4.39	4-nitrophenylphosphatase domain and non-neuronal SNAP25-like protein homolog 1 (C. elegans)	Nipsnap1
96748_i_at	-4.40	RIKEN cDNA 9130011B11 gene	9130011B11Rik
96789_i_at	-4.43	RIKEN cDNA A530057M15 gene	A530057M15Rik
101891_at	-4.46	hydroxysteroid (17-beta) dehydrogenase 2	Hsd17b2
161924_f_at	-4.47	apolipoprotein A-II	Apoa2
102284_at	-4.48	mannan-binding lectin serine protease 1	Masp1
103407_at	-4.49	RIKEN cDNA 1300017J02 gene	1300017J02Rik
104507_g_at	-4.50	nuclear receptor subfamily 1, group I, member 3	Nr1i3
101103_at	-4.52	cytochrome P450, 4a14	Cyp4a14
92606_at	-4.53	urate oxidase	Uox
96796_f_at	-4.54	UDP-glucuronosyltransferase 2 family, member 5	Ugt2b5
93974_at	-4.57	RIKEN cDNA 1300002F13 gene	1300002F13Rik
97216_at	-4.57	pregnancy zone protein	Pzp
98467_at	-4.57	inter alpha-trypsin inhibitor, heavy chain 4	Itih4
98962_at	-4.58	lipase, hepatic	Lipc
96713_at	-4.58	3'-phosphoadenosine 5'-phosphosulfate synthase 2	Papss2
101910_f_at	-4.61	major urinary protein 1	Mup1
94539_f_at	-4.62	cytochrome P450, 2d9	Cyp2d9
101887_at	-4.64	angiotensinogen	Agt
96867_at	-4.65	alpha-2-glycoprotein 1, zinc	Azgp1
96094_at	-4.65	apolipoprotein A-I	Apoa1
101912_at	-4.66	RIKEN cDNA 1100001G20 gene	1100001G20Rik
104726_at	-4.66	RIKEN cDNA 1700013L23 gene	1700013L23Rik
95585_at	-4.66	protein C	Proc
97335_at	-4.67	T-cell immunoglobulin and mucin domain containing 2	Timd2
98612_at	-4.69	cytochrome P450, 2d10	Cyp2d10
98116_at	-4.71	hemopexin	Hpxn
101909_f_at	-4.73	major urinary protein 3	Mup3
101474_at	-4.73	mannose binding lectin, liver (A)	Mbl1
104344_at	-4.73	kallikrein B, plasma 1	Klkb1
94075_at	-4.73	fatty acid binding protein 1, liver	Fabp1
98582_at	-4.75	Mus musculus, Similar to homogentisate 1, 2-dioxygenase, clone IMAGE:4974534, mRNA	

93625_at	-4.76	alanine-glyoxylate aminotransferase	Agxt
96828_at	-4.77	glycine N-methyltransferase	Gnmt
92556_at	-4.78	hydroxysteroid (17-beta) dehydrogenase 5	Hsd17b5
104421_at	-4.80	flavin containing monooxygenase 3	Fmo3
96868_at	-4.80	fibrinogen, B beta polypeptide	Fgb
96846_at	-4.84	serine (or cysteine) proteinase inhibitor, clade C (antithrombin), member 1	Serpinc1
103023_at	-4.86	lecithin cholesterol acyltransferase	Lcat
101572_f_at	-4.89	serine protease inhibitor 1-1	Spi1-1
161626_f_at	-4.92	plasminogen	Plg
99056_at	-4.94	6-pyruvoyl-tetrahydropterin synthase/dimerization cofactor of hepatocyte nuclear factor 1 alpha (TCF1)	Pcbd
96334_f_at	-4.95	cytochrome P450, 2c40	Cyp2c40
97887_at	-5.00	apolipoprotein C-II	Apoc2
101553_at	-5.03	fibrinogen, alpha polypeptide	Fga
102329_at	-5.03	cell death-inducing DNA fragmentation factor, alpha subunit-like effector B	Cideb
94563_at	-5.06	afamin	Afm
104182_at	-5.09	hepatocyte growth factor activator	Hgfac
94540_at	-5.13	RIKEN cDNA 1300006E06 gene	1300006E06Rik
101635_f_at	-5.13	major urinary protein 5	Mup5
97288_at	-5.19	PDZ domain containing 1	Pdzk1
102096_f_at	-5.22	major urinary protein 1	Mup1
100436_at	-5.22	orosomucoid 1	Orm1
101287_s_at	-5.23	cytochrome P450, 2d10	Cyp2d10
99927_at	-5.24	complement component factor i	Cfi
100002_at	-5.33	inter-alpha trypsin inhibitor, heavy chain 3	Itih3
101463_at	-5.34	apolipoprotein C-IV	Apoc4
104213_at	-5.41	RIKEN cDNA 1700124F02 gene	1700124F02Rik
103794_i_at	-5.42	T-cell immunoglobulin and mucin domain containing 2	Timd2
102662_at	-5.44	asialoglycoprotein receptor 2	Asgr2
101928_at	-5.47	serine (or cysteine) proteinase inhibitor, clade F, member 2	Serpinf2
100069_at	-5.51	cytochrome P450, 2f2	Cyp2f2
103882_at	-5.52	carboxypeptidase N, polypeptide 1	Cpn1
96092_at	-5.53	haptoglobin	Hp
95439_at	-5.53	arylacetamide deacetylase (esterase)	Aadac
94987_at	-5.57	phosphatidylethanolamine N-methyltransferase	Pemt
104328_at	-5.64	aquaporin 9	Aqp9
102291_at	-5.70	coagulation factor IX	F9
103702_i_at	-5.78	RIKEN cDNA C730048C13 gene	C730048C13Rik
103982_s_at	-5.83	alcohol dehydrogenase 4 (class II), pi polypeptide	Adh4
100437_g_at	-5.86	orosomucoid 1	Orm1
104424_at	-5.86	complement component 9	C9
92509_at	-5.86	coagulation factor XII (Hageman factor)	F12
101985_at	-5.88	plasminogen	Plg
99941_at	-5.89	esterase 31	Es31
100078_at	-5.90	apolipoprotein A-IV	Apoa4
94392_f_at	-6.03	angiogenin	Ang
98423_at	-6.05	gap junction membrane channel protein beta 2	Gjb2
95552_at	-6.20	deiodinase, iodothyronine, type I	Dio1
98014_at	-6.25	inter-alpha trypsin inhibitor, heavy chain 1	Itih1
97680_at	-6.36	murinoglobulin, pseudogene 1	Mug-ps1
93433_s_at	-6.36	asialoglycoprotein receptor 1	Asgr1
94393_r_at	-6.42	elongation of very long chain fatty acids (FEN1/Elo2, SUR4/Elo3, yeast)-like 2	Elovl2
104072_at	-6.53	serum amyloid P-component	Apcs
93097_at	-6.54	arginase 1, liver	Arg1
103452_at	-6.57	proline dehydrogenase (oxidase) 2	Prodh2
103689_at	-6.59	ATP-binding cassette, sub-family C (CFTR/MRP), member 3	Abcc3
101639_r_at	-6.66	cytochrome P450, 3a16	Cyp3a16
102973_f_at	-6.74	murinoglobulin 2	Mug2
96326_at	-6.99	tyrosine aminotransferase	Tat
104024_at	-7.12	cytochrome P450, 3a25	Cyp3a25
100341_g_at	-7.12	solute carrier family 10 (sodium/bile acid cotransporter family), member 1	Slc10a1
99269_g_at	-7.30	tryptophan 2,3-dioxygenase	Tdo2
160951_at	-7.33	RIKEN cDNA 4632419J12 gene	4632419J12Rik
92837_f_at	-7.43	murinoglobulin 1	Mug1
95729_at	-7.63	apolipoprotein A-V	Apoa5

92590_at -7.74 3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2 Hmgcs2

Significantly changed in NM PLT versus WT PLT

Affy ID#	Fold Change	Gene Name	Gene Symbol
97786_at	3.68	ankyrin repeat domain 2 (stretch responsive muscle)	Ankrd2
103084_at	2.59	cysteine-rich protein 3	Csrp3
97990_at	2.40	myosin heavy chain 11, smooth muscle	Myh11
100555_at	2.17	Down syndrome critical region homolog 1 (human)	Dscr1
96075_at	2.07	WD repeat domain 1	Wdr1
102213_at	1.94	cardiac morphogenesis	Xin
160695_i_at	1.94	homer homolog 2 (Drosophila)	Homer2
100554_at	1.94	PDZ and LIM domain 1 (elfin)	Pdlim1
103369_at	1.94	RIKEN cDNA 9430029L20 gene	9430029L20Rik
98561_at	1.82	troponin I, skeletal, slow 1	Tnni1
98596_s_at	1.81	sialyltransferase 9 (CMP-NeuAc:lactosylceramide alpha-2,3-sialyltransferase)	Siat9
160801_at	1.80	RIKEN cDNA 2310009N05 gene	2310009N05Rik
104345_at	1.80	exocyst component protein homolog (S. cerevisiae)	Exo70
103574_at	1.72	Mus musculus, clone IMAGE:5401801, mRNA	
101383_at	1.71	troponin T1, skeletal, slow	Tnnt1
94524_at	1.70	death associated protein 3	Dap3
101063_at	1.69	troponin C, cardiac/slow skeletal	Tnnc
93736_at	1.65	transcobalamin 2	Tcn2
161111_f_at	1.61	desert hedgehog	Dhh
101093_at	1.58	procollagen, type IV, alpha 1	Col4a1
104634_at	1.58	LIM and senescent cell antigen-like domains 1	Lims1
103006_at	1.58	activating transcription factor 5	Atf5
98402_at	1.57	Fas-associated factor 1	Faf1
102215_at	1.57	carnitine deficiency-associated gene expressed in ventricle 1	Cdv1
161184_f_at	1.56	tyrosine kinase receptor 1	Tie1
103526_at	1.55	peptidyl arginine deiminase, type II	Padi2
104633_at	1.55	disabled homolog 2 (Drosophila)	Dab2
96167_at	1.55	Bcl2-associated athanogene 3	Bag3
99637_at	1.55	procollagen, type XV	Col15a1
99570_s_at	1.55	ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2	Atp2a2
101805_f_at	1.54	nuclear factor, interleukin 3, regulated	Nfil3
95531_at	1.53	RIKEN cDNA E230009N18 gene	E230009N18Rik
103824_at	1.52	Wolfram syndrome 1 homolog (human)	Wfs1
96245_at	1.51	DNA segment, Chr 11, ERATO Doi 619, expressed	D11Ert619e
96027_at	1.51	RIKEN cDNA 1200014H24 gene	1200014H24Rik
101931_at	1.51	phosphatidylserine synthase 1	Ptdss1
97241_at	1.50	hypothetical protein MGC6696	MGC6696

Significantly changed in NM EDL versus WT EDL

Affy ID#	Fold Change	Gene Name	Gene Symbol
100472_at	2.59	enabled homolog (Drosophila)	Enah
100988_at	1.74	BCL2-like 11 (apoptosis facilitator)	Bcl2l11
93050_at	1.73	myosin light chain, phosphorylatable, cardiac ventricles	Mylpc
97380_at	1.58	RIKEN cDNA 1700016A15 gene	1700016A15Rik

Table S2: Significantly changed (i.e., disease-associated) transcripts altered in two or more of the five muscle types. Red indicates positive fold changes in the transgenic tissues. Green symbols indicate genes down regulated in DIA but up regulated in the other muscle. Shaded cells are used to highlight genes in common across multiple different muscle type comparisons.

TA & GAS	TA & DIA	TA & PLT	TA & EDL	GAS & DIA	GAS & PLT	GAS & EDL	DIA & PLT	DIA & EDL	PLT & EDL
Ankrd2	Ankrd2	Ankrd2	Myl2	Ankrd2	Ankrd2	-	Ankrd2	-	-
Csrp3	Csrp3	Tnnc1	Enah	Csrp3	Csrp3		Csrp3		
Cmya1	Padi2	Csrp3		Dusp6	Cmya1		Padi2		
Bag3	Nrap	Atp2a2			Bag3		Dab2		
Pdcd7	Hspa1l	St3gal5					Dhh		
	Prp19	Tnni1							
	Gabarapl1	Pdim1							
	Strbp	Padi2							
	Ndst1	Cmya1							
	Copg	Wfs1							
	Gclm	Dscr1							
		Pqlc1							
		Amot							
		Macf1							
		Lims1							
		Wdr1							
		Bag3							
		Ablim1							
		Ddx56							

Table S3. $\alpha\text{Tm}_{\text{slow}}$ protein expression and percentage of rod containing fibers in nemaline muscles^a.

Muscle	$\alpha\text{Tm}_{\text{slow}}$ (WT + Met9Arg) protein (% total Tm expression)	% Rod Containing Fibers
Diaphragm	35.5 ± 2.7^b	47% ^b
EDL	20.2 ± 3.0^b	38% ^b
Gastrocnemius	24.8 ± 4.4	3%
Plantaris	27.4 ± 2.8	10%
Tibialis Anterior	25.9 ± 6.6^b	15% ^b

^aThe mean percentage of the total $\alpha\text{Tm}_{\text{slow}}$ protein [WT (wild type) + $\alpha\text{Tm}_{\text{slow}}$ (Met9Arg)] \pm SEM expressed in the muscles listed from at least 3 mice from HSA- $\alpha\text{Tm}_{\text{slow}}$ (Met9Arg) line 4. The contribution of $\alpha\text{Tm}_{\text{slow}}$ (Met9Arg) protein to total $\alpha\text{Tm}_{\text{slow}}$ protein in each muscle is estimated at $\geq 93\%$ based on fiber type composition in the various muscles. Of the muscles examined, diaphragm has the greatest number of slow fibers with 7% slow fibers (38). Statistical significance was determined by two-tailed t test assuming unequal variances.

^bValues reported previously (37). Protein gel analysis to determine $\alpha\text{Tm}_{\text{slow}}$ content was as described in (37). Percent rod containing fibers were determined as described in Corbett *et al.* (12).