

SUPPLEMENTAL MATERIAL

Table S1. Genes differentially expressed in foam cells of mice fed WD for 2 weeks with respect to mice fed regular chow through the entire study.

Affymetrix Probe ID	Fold Change	Gene Symbol	Gene Name
1448859_at	4.38	Cxcl13	chemokine (C-X-C motif) ligand 13
1439276_at	3.89	Adar	adenosine deaminase, RNA-specific
1424436_at	3.60	Gart	phosphoribosylglycinamide formyltransferase
1431028_a_at	3.56	Pank1	pantothenate kinase 1
1431544_at	2.85	4930524B17Rik	
1451381_at	2.76	1810020D17Rik	RIKEN cDNA 1810020D17 gene
1421290_at	2.62	Hspb7	heat shock protein family, member 7
1444328_at	2.37	Clta	chlathrin, light polypeptide
1424713_at	2.06	Calml4	calmodulin-like 4
1424428_at	2.05	Ino80e	INO80 complex subunit E
1453320_at	2.04	1700027A23Rik	RIKEN cDNA 1700027A23 gene
1448104_at	1.69	Aldh6a1	aldehyde dehydrogenase family 6, subfamily A1
1420691_at	1.49	Il2ra	interleukin 2 receptor, alpha chain
1442004_at	1.40	Trim65	tripartite motif-containing 65
1435091_at	1.39	Zfp568	zinc finger protein 568
1434251_at	-1.32	Cnot1	CCR4-NOT transcription complex, subunit 1
1426446_at	-1.39	6430548M08Rik	RIKEN cDNA 6430548M08 gene
1431420_s_at	-1.47	Preli1	PRELI domain containing 1
1428760_at	-1.54	Snopc3	small nuclear RNA activating complex, polypeptide 3
1433621_at	-1.60	Wdr41	WD repeat domain 41
1417226_at	-1.62	Fbxw4	F-box and WD-40 domain protein 4
1421888_x_at	-1.76	Aplp2	amyloid beta (A4) precursor-like protein 2
1440168_x_at	-1.82	Kctd7	potassium channel tetramerisation domain containing 7
1415911_at	-1.85	Impact	imprinted and ancient
1431716_at	-1.92	Herc4	hect domain and RLD 4
1435867_at	-1.92	Jhdm1d	jumonji C domain-containing histone demethylase 1 homolog D
1418971_x_at	-1.98	Bcl10	B-cell leukemia/lymphoma 10
1423899_at	-1.99	Trip12	thyroid hormone receptor interactor 12
1434660_at	-2.01	Alkbh1	alkB, alkylation repair homolog 1
1437361_at	-2.01	OTTMUSG00000002043	predicted gene, OTTMUSG00000002043
1450905_at	-2.06	Plxnc1	plexin C1
1423066_at	-2.07	Dnmt3a	DNA methyltransferase 3A
1452769_at	-2.07	Rnf145	ring finger protein 145
1417622_at	-2.08	Slc12a2	solute carrier family 12, member 2
1426227_s_at	-2.17	Vps37c	vacuolar protein sorting 37C
1449347_a_at	-2.24	Xlr4c	X-linked lymphocyte-regulated 4B

1437087_at	-2.29	2210408K08Rik	
1424129_at	-2.32	Mfsd1	major facilitator superfamily domain containing 1
1436157_at	-2.34	Ccar1	cell division cycle and apoptosis regulator 1
1448568_a_at	-2.49	Slc20a1	solute carrier family 20, member 1
1423569_at	-2.59	Gatm	glycine amidinotransferase
1416324_s_at	-2.85	Kctd20	potassium channel tetramerisation domain containing 20
1460243_at	-2.87	Sptlc2	serine palmitoyltransferase, long chain base subunit 2
1439251_at	-2.87	100042616	predicted gene, 100042616
1435390_at	-3.08	Exod1	exonuclease domain containing 1
1426894_s_at	-3.18	Fam102a	family with sequence similarity 102, member A
1451798_at	-3.35	Il1rn	interleukin 1 receptor antagonist
1449363_at	-3.38	Atf3	activating transcription factor 3
1448883_at	-3.40	Lgmn	legumain
1440342_at	-4.27	G530011O06Rik	
1422650_a_at	-4.90	Riok3	RIO kinase 3 (yeast)
1435539_at	-6.28	N/A	N/A

Table S2. Genes differentially expressed in foam cells of mice fed WD for 14 weeks with respect to mice fed regular chow through the entire study.

Affymetrix Probe ID	Fold Change	Gene Symbol	Gene Name
1457566_at	12.40	Zfp677	zinc finger protein 677
1428600_at	6.53	Nin	ninein
1435422_at	5.85	4933433P14Rik	RIKEN cDNA 4933433P14 gene
1439363_at	5.63	1200014J11Rik	RIKEN cDNA 1200014J11 gene
1438676_at	5.28	Mpa2l	macrophage activation 2 like
1452833_at	4.67	Rapgef2	Rap guanine nucleotide exchange factor (GEF) 2
1422492_at	4.54	Cpox	coproporphyrinogen oxidase
1438643_at	4.28	Camk1d	calcium/calmodulin-dependent protein kinase ID
1439276_at	4.27	Adar	adenosine deaminase, RNA-specific
1445702_x_at	4.07	Ppapdc2	phosphatidic acid phosphatase type 2 domain containing 2
1452960_at	4.07	Scyl3	SCY1-like 3
1452232_at	4.03	Galnt7	UDP-N-acetyl-alpha-D-galactosamine: polypeptide N-acetylgalactosaminyltransferase 7
1416866_at	3.99	Bet1	blocked early in transport 1 homolog
1425327_at	3.98	Fam76a	family with sequence similarity 76, member A
1427990_at	3.96	Usp45	ubiquitin specific petidase 45
1460389_at	3.88	Cdk8	cyclin-dependent kinase 8
1427938_at	3.85	Mycbp	c-myc binding protein
1436736_x_at	3.84	D0H4S114	DNA segment, human D4S114
1423408_a_at	3.80	2500003M10Rik	RIKEN cDNA 2500003M10 gene
1435164_s_at	3.80	Uba3	ubiquitin-like modifier activating enzyme 3
1456060_at	3.75	Maf	avian musculoaponeurotic fibrosarcoma (v-maf) AS42 oncogene homolog
1460391_at	3.73	Ola1	Obg-like ATPase 1
1452593_a_at	3.72	Tceb1	transcription elongation factor B (SIII), polypeptide 1
1429519_at	3.68	Fpgt	fucose-1-phosphate guanylyltransferase
1424436_at	3.68	Gart	phosphoribosylglycinamide formyltransferase
1433730_at	3.68	Elmod2	ELMO domain containing 2
1437901_a_at	3.65	Vps41	vacuolar protein sorting 41
1451572_a_at	3.60	Mff	mitochondrial fission factor
1456319_at	3.60	N/A	N/A
1436048_at	3.58	Exoc8	exocyst complex component 8
1424360_at	3.56	BC019943	
1435694_at	3.53	Arhgap26	Rho GTPase activating protein 26
1428453_at	3.47	Nat12	N-acetyltransferase 12
1426669_at	3.43	Cpped1	Vcalcineurin-like phosphoesterase domain containing 1
1452047_at	3.43	Cacybp	calcyclin binding protein
1434853_x_at	3.38	Mkrrn1	makorin, ring finger protein, 1
1424099_at	3.38	Gpx8	glutathione peroxidase 8

1453071_s_at	3.35	Kdelc2	KDEL (Lys-Asp-Glu-Leu) containing 2
1427131_s_at	3.35	Lrrc58	leucine rich repeat containing 58
1454136_a_at	3.32	4921524J17Rik	RIKEN cDNA 4921524J17 gene
1434328_at	3.27	Rpl15	ribosomal protein L15
1426205_at	3.24	Ppp1cb	protein phosphatase 1, catalytic subunit, beta isoform
1436221_at	3.21	Ildr2	immunoglobulin-like domain containing receptor 2
1428853_at	3.21	Ptch1	patched homolog 1
1418392_a_at	3.20	Gbp3	guanylate binding protein 3
1454694_a_at	3.20	Top2a	topoisomerase (DNA) II alpha
1434070_at	3.19	Jag1	jagged 1
1458679_a_at	3.19	Tatdn1	TatD DNase domain containing 1
1428162_at	3.19	4933421E11Rik	RIKEN cDNA 4933421E11 gene
1456236_s_at	3.18	Commd10	COMM domain containing 10
1426222_s_at	3.18	Vwa5a	von Willebrand factor A domain containing 5A
1416988_at	3.17	Msh2	mutS homolog 2
1429454_at	3.14	Gapvd1	GTPase activating protein and VPS9 domains 1
1454689_at	3.13	Srrm1	serine/arginine repetitive matrix 1
1418372_at	3.10	Adsl	adenylosuccinate lyase
1448794_s_at	3.06	Dnajc2	DnaJ (Hsp40) homolog, subfamily C, member 2
1417974_at	3.06	Kpna4	karyopherin (importin) alpha 4
1433585_at	3.04	Tnpo1	Transportin 1
1443208_at	3.04	LOC100044979	G protein-coupled receptor 137B
1429201_at	3.01	Cyld	cylindromatosis (turban tumor syndrome)
1437276_at	3.00	N/A	N/A
1431930_x_at	2.97	Cr1s1	cardiolipin synthase 1
1449056_at	2.97	E330009J07Rik	RIKEN cDNA E330009J07 gene
1434513_at	2.94	Atp13a3	ATPase type 13A3
1429508_at	2.93	2310057M21Rik	RIKEN cDNA 2310057M21 gene
1421968_a_at	2.90	Nipa2	non imprinted in Prader-Willi/Angelman syndrome 2 homolog
1419076_a_at	2.90	Brca2	breast cancer 2
1435789_x_at	2.90	N/A	N/A
1434336_s_at	2.90	Rcor1	REST corepressor 1
1428681_at	2.89	Gm608	gene model 608, (NCBI)
1449039_a_at	2.88	Hnrpd1	heterogeneous nuclear ribonucleoprotein D-like
1428407_at	2.87	Hnrnpa0	heterogeneous nuclear ribonucleoprotein A0
1422553_at	2.83	Pten	phosphatase and tensin homolog
1452635_x_at	2.82	Taf1d	TATA box binding protein (Tbp)-associated factor, RNA polymerase I, D
1444139_at	2.80	Ddit4l	DNA-damage-inducible transcript 4-like
1419759_at	2.79	Abcb1a	ATP-binding cassette, sub-family B (MDR/TAP), member 1A
1424358_at	2.79	Ube2e2	ubiquitin-conjugating enzyme E2E 2
1442785_at	2.79	A130004G11Rik	RIKEN cDNA A130004G11 gene
1455024_at	2.79	Tlk1	tousled-like kinase 1
1449670_x_at	2.79	LOC100044979	G protein-coupled receptor 137B
1416614_at	2.77	Eid1	EP300 interacting inhibitor of differentiation 1
1457024_x_at	2.77	Slc35a2	solute carrier family 35 (UDP-galactose transporter), member

A2			
1419495_at	2.76	Immp2l	IMP2 inner mitochondrial membrane peptidase-like
1454846_at	2.76	Utp15	UTP15, U3 small nucleolar ribonucleoprotein, homolog
1455483_at	2.75	Zfp148	zinc finger protein 148
1454831_at	2.75	Foxn2	forkhead box N2
1418988_at	2.75	Pex7	peroxisomal biogenesis factor 7
1451649_a_at	2.74	Wdr75	WD repeat domain 75
1455513_at	2.74	Taf1	TAF1 RNA polymerase II, TATA box binding protein (TBP)-associated factor
1424156_at	2.73	Rbl1	retinoblastoma-like 1 (p107)
1415863_at	2.73	Eif4g2	eukaryotic translation initiation factor 4, gamma 2
1429438_at	2.72	Bcor	BCL6 interacting corepressor
1440187_at	2.71	Taf3	TAF3 RNA polymerase II, TATA box binding protein (TBP)-associated factor
1424495_a_at	2.70	Cklf	chemokine-like factor
1429043_at	2.70	Smndc1	survival motor neuron domain containing 1
1429796_at	2.70	Kalrn	kalirin, RhoGEF kinase
1442757_at	2.70	Lrch1	leucine-rich repeats and calponin homology (CH) domain containing 1
1416860_s_at	2.70	Ing1	inhibitor of growth family, member 1
1415890_at	2.69	Papss1	3'-phosphoadenosine 5'-phosphosulfate synthase 1
1451641_at	2.68	Dbr1	debranching enzyme homolog 1
1415791_at	2.67	Rnf34	ring finger protein 34
1449175_at	2.66	Gpr65	G-protein coupled receptor 65
1428087_at	2.64	Dnm1l	dynamamin 1-like
1435821_s_at	2.63	Ppp1r8	protein phosphatase 1, regulatory (inhibitor) subunit 8
1417770_s_at	2.63	Psmc6	proteasome (prosome, macropain) 26S subunit, ATPase, 6
1422857_at	2.63	Trip4	thyroid hormone receptor interactor 4
1439994_at	2.63	1810013D10Rik	RIKEN cDNA 1810013D10 gene
1454998_at	2.63	1200011118Rik	
1451374_x_at	2.63	Cklf	chemokine-like factor
1415737_at	2.62	Rfk	riboflavin kinase
1451745_a_at	2.62	Znhit1	zinc finger, HIT domain containing 1
1434418_at	2.62	Cers6	ceramide synthase 6
1426977_at	2.60	Usp47	ubiquitin specific peptidase 47
1438055_at	2.60	Rarres1	retinoic acid receptor responder (tazarotene induced) 1
1454938_at	2.59	Snx13	sorting nexin 13
1456886_at	2.59	N/A	N/A
1451000_at	2.59	Tmem126a	transmembrane protein 126A
1416653_at	2.58	Stxbp3a	syntaxin binding protein 3A
1448234_at	2.55	Dnajb6	DnaJ (Hsp40) homolog, subfamily B, member 6
1435901_at	2.55	Usp40	ubiquitin specific peptidase 40
1424782_at	2.55	Tmem77	transmembrane protein 77
1428552_at	2.54	2610001J05Rik	RIKEN cDNA 2610001J05 gene
1450012_x_at	2.53	Ywhag	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, gamma polypeptide
1418180_at	2.53	Sp1	trans-acting transcription factor 1

1416952_at	2.53	Atp6v1d	ATPase, H ⁺ transporting, lysosomal V1 subunit D
1448589_at	2.53	Ndufb5	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 5
1459657_s_at	2.53	Polr1d	predicted gene, OTTMUSG00000008305
1417564_at	2.53	Med7	mediator complex subunit 7
1444328_at	2.52	Clta	clathrin light chain 3
1429559_at	2.52	Gnaq	guanine nucleotide binding protein, alpha q polypeptide
1423707_at	2.52	Tmem50b	transmembrane protein 50B
1417507_at	2.51	Cyb561	cytochrome b-561
1455915_at	2.51	Galnt4	UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetylgalactosaminyltransferase 4
1452130_at	2.50	Txndc14	thioredoxin domain containing 14
1425074_at	2.49	Wrn	Werner syndrome homolog
1417594_at	2.49	Gkap1	G kinase anchoring protein 1
1452152_at	2.48	Clint1	clathrin interactor 1
1435093_at	2.48	Zfyve20	zinc finger, FYVE domain containing 20
1440310_at	2.47	Runx1t1	runt-related transcription factor 1; translocated to, 1 (cyclin D-related)
1441315_s_at	2.47	Slc19a2	solute carrier family 19 (thiamine transporter), member 2
1436796_at	2.47	Matr3	matrin 3
1451195_a_at	2.46	Tmx1	thioredoxin-related transmembrane protein 1
1436272_at	2.45	Rab3gap2	RAB3 GTPase activating protein subunit 2
1436945_x_at	2.45	Stim1	stromal interaction molecule 1
1435754_at	2.45	Zyg11b	zyg-11 homolog B
1419208_at	2.45	Map3k8	mitogen-activated protein kinase kinase kinase 8
1426842_at	2.45	Ythdf3	YTH domain family 3
1417365_a_at	2.43	Calm1	calmodulin 1
1435284_at	2.43	Rtn4	reticulon-4
1447776_x_at	2.43	Rab6	RAB6, member RAS oncogene family
1434389_at	2.43	Sos1	son of sevenless homolog 1
1415963_at	2.42	Hnrnp2	heterogeneous nuclear ribonucleoprotein H2
1438306_at	2.42	Rnf180	ring finger protein 180
1419453_at	2.41	Uchl5	ubiquitin carboxyl-terminal esterase L5
1422748_at	2.41	Zeb2	zinc finger E-box binding homeobox 2
1429436_at	2.40	Prpf40a	pre-mRNA processing factor 40 homolog A
1455252_at	2.39	Tsc1	tuberous sclerosis 1
1423994_at	2.38	Kif1b	kinesin family member 1B
1455505_at	2.37	Gatad2a	GATA zinc finger domain containing 2A
1416009_at	2.35	Tspan3	tetraspanin 3
1454602_s_at	2.34	Cnot2	CCR4-NOT transcription complex, subunit 2
1455658_at	2.33	Cggbp1	CGG triplet repeat binding protein 1
1448733_at	2.32	Bmi1	Bmi1 polycomb ring finger oncogene
1424147_at	2.32	Ahsa1	AHA1, activator of heat shock protein ATPase homolog 1
1433898_at	2.32	N/A	N/A
1433668_at	2.32	Pnrc1	proline-rich nuclear receptor coactivator 1
1424111_at	2.32	Igf2r	insulin-like growth factor 2 receptor
1434437_x_at	2.32	Rrm2	ribonucleotide reductase M2

1424043_at	2.31	Ppil4	peptidylprolyl isomerase (cyclophilin)-like 4
1439345_at	2.31	Gpnmb	glycoprotein (transmembrane) nmb
1439463_x_at	2.31	LOC637733	predicted gene, EG665056
1440339_at	2.31	Enpp1	ectonucleotide pyrophosphatase/phosphodiesterase 1
1428252_at	2.31	Chmp2b	chromatin modifying protein 2B
1451971_at	2.30	Cul4a	cullin 4A
1422449_s_at	2.30	Rcn2	reticulocalbin 2
1417478_a_at	2.30	Ppp2r3c	protein phosphatase 2, regulatory subunit B'', gamma
1434937_at	2.30	Mycbp2	MYC binding protein 2
1415682_at	2.29	Xpo7	exportin 7
1433755_at	2.29	Mier1	mesoderm induction early response 1 homolog
1434317_s_at	2.28	Tex10	testis expressed gene 10
1423266_at	2.28	2810405K02Rik	RIKEN cDNA 2810405K02 gene
1430404_at	2.27	4833416J08Rik	A kinase (PRKA) anchor protein 13
1426877_a_at	2.26	Pbrm1	polybromo 1
1451356_at	2.26	Anp32e	acidic (leucine-rich) nuclear phosphoprotein 32 family, member E
1437386_at	2.26	Lingo1	leucine rich repeat and Ig domain containing 1
1434352_at	2.25	B630005N14Rik	RIKEN cDNA B630005N14 gene
1416267_at	2.24	Scoc	short coiled-coil protein
1423069_at	2.24	Adnp	activity-dependent neuroprotective protein
1418443_at	2.23	Xpo1	exportin 1, CRM1 homolog
1455031_at	2.22	Cdc2l6	cell division cycle 2-like 6 (CDK8-like)
1459219_at	2.21	Rapgef2	Rap guanine nucleotide exchange factor (GEF) 2
1456019_at	2.18	Cwf19l2	CWF19-like 2, cell cycle control
1448304_a_at	2.18	Rab6	RAB6, member RAS oncogene family
1437892_at	2.17	Zkscan3	zinc finger with KRAB and SCAN domains 3
1434928_at	2.17	Gas2l1	growth arrest-specific 2 like 1
1416637_at	2.16	Slc4a2	solute carrier family 4 (anion exchanger), member 2
1436732_s_at	2.16	Fbxw8	F-box and WD-40 domain protein 8
1458662_at	2.15	Daam1	RIKEN cDNA 1700008O03 gene
1453109_at	2.15	Arsk	arylsulfatase K
1421910_at	2.15	Tcf20	transcription factor 20
1416247_at	2.14	Dctn3	dynactin 3
1454863_at	2.12	Ankrd11	ankyrin repeat domain 11
1417995_at	2.12	Ptpn22	protein tyrosine phosphatase, non-receptor type 22
1418736_at	2.11	B3galnt1	UDP-GalNAc:betaGlcNAc beta 1,3-galactosaminyltransferase, polypeptide 1
1433740_at	2.10	Tmem87b	transmembrane protein 87B
1455312_at	2.09	Phc3	polyhomeotic-like 3
1416477_at	2.08	Ube2d2	ubiquitin-conjugating enzyme E2D 2
1427134_at	2.08	Sfrs12	splicing factor, arginine/serine-rich 12
1438769_a_at	2.07	Thyn1	thymocyte nuclear protein 1
1425018_at	2.07	Mcts1	malignant T cell amplified sequence 1
1457069_at	2.06	Ascc3	activating signal cointegrator 1 complex subunit 3
1428949_at	2.05	Xpot	exportin, tRNA (nuclear export receptor for tRNAs)

1429588_at	2.04	2810474019Rik	RIKEN cDNA 2810474019 gene
1448509_at	2.04	Fam107b	family with sequence similarity 107, member B
1422675_at	2.03	Smarce1	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1
1448398_s_at	2.03	Rpl22	ribosomal protein L22
1435988_x_at	2.02	Ik	IK cytokine
1417390_at	2.02	Gpn1	GPN-loop GTPase 1
1448215_a_at	2.01	Dpp3	dipeptidylpeptidase 3
1421965_s_at	2.01	Notch3	Notch gene homolog 3
1424842_a_at	2.01	Arhgap24	Rho GTPase activating protein 24
1434014_at	2.01	Atg4c	autophagy-related 4C
1435347_at	1.99	Stau1	staufen (RNA binding protein) homolog 1
1421077_at	1.99	Sertad3	SERTA domain containing 3
1428461_at	1.99	Ppp2r5e	protein phosphatase 2, regulatory subunit B (B56), epsilon isoform
1436165_at	1.98	Luc7l2	LUC7-like 2
1452895_at	1.98	Fbxo45	F-box protein 45
1455728_at	1.98	Pten	phosphatase and tensin homolog
1456617_a_at	1.97	Eif2s2	eukaryotic translation initiation factor 2, subunit 2
1436977_at	1.97	N/A	N/A
1448527_at	1.97	Pdcd10	programmed cell death 10
1458414_at	1.96	D2Ert93e	DNA segment, Chr 2, ERATO Doi 93, expressed
1420528_at	1.95	Gpatch2	G patch domain containing 2
1460615_at	1.95	Nt5dc1	5'-nucleotidase domain containing 1
1449085_at	1.95	Phf10	PHD finger protein 10
1431694_a_at	1.95	Ctnnbip1	catenin beta interacting protein 1
1416840_at	1.93	Mid1ip1	Mid1 interacting protein 1
1449694_s_at	1.93	Commd5	COMM domain containing 5
1455432_at	1.92	Taok1	TAO kinase 1
1434561_at	1.92	Asxl1	additional sex combs like 1
1426844_a_at	1.92	Pdcd2l	programmed cell death 2-like
1416998_at	1.91	Rrs1	RRS1 ribosome biogenesis regulator homolog
1427156_s_at	1.88	Ascc2	activating signal cointegrator 1 complex subunit 2
1424389_at	1.86	Nupl1	nucleoporin like 1
1435389_at	1.86	Reps2	RALBP1 associated Eps domain containing protein 2
1423167_at	1.86	Mobk3	MOB1, Mps One Binder kinase activator-like 3
1453104_at	1.86	Mapk1	mitogen-activated protein kinase 1
1455403_at	1.84	Manea	mannosidase, endo-alpha
1436346_at	1.82	Cd109	CD109 antigen
1438771_at	1.81	LOC100045983	bromodomain containing 1
1455644_at	1.80	Vps53	vacuolar protein sorting 53
1424991_s_at	1.80	Tyms-ps	thymidylate synthase
1441942_x_at	1.80	Snupn	snurportin 1
1427317_at	1.79	Kin	antigenic determinant of rec-A protein
1428254_at	1.79	Purb	purine rich element binding protein B
1426840_at	1.78	Ythdf3	YTH domain family 3

1453030_at	1.77	Msl2	male-specific lethal 2 homolog
1425542_a_at	1.77	Ppp2r5c	protein phosphatase 2, regulatory subunit B (B56), gamma isoform
1416668_at	1.77	Ttc35	tetratricopeptide repeat domain 35
1423385_at	1.75	Actr8	ARP8 actin-related protein 8 homolog
1428144_at	1.74	Lrwd1	leucine-rich repeats and WD repeat domain containing 1
1448391_at	1.73	Rab9	RAB9, member RAS oncogene family
1416280_at	1.70	Uba2	ubiquitin-like modifier activating enzyme 2
1418483_a_at	1.66	Ggta1	glycoprotein galactosyltransferase alpha 1, 3
1430221_at	1.64	9130008F23Rik	
1426625_at	1.63	Zfp623	zinc finger protein 623
1430805_s_at	1.63	Rmi1	RMI1, RecQ mediated genome instability 1, homolog
1452110_at	1.62	Mtrr	5-methyltetrahydrofolate-homocysteine methyltransferase reductase
1455465_at	1.62	N/A	N/A
1415765_at	1.61	Hnrnpul2	heterogeneous nuclear ribonucleoprotein U-like 2
1452262_at	1.60	Grpel2	GrpE-like 2, mitochondrial
1417305_at	1.59	Speg	SPEG complex locus
1433749_at	1.56	Gna13	guanine nucleotide binding protein, alpha 13
1435169_at	1.55	A930001N09Rik	
1423964_at	1.55	Cpsf3l	cleavage and polyadenylation specific factor 3-like
1457724_at	1.54	Ctsl	cathepsin L
1416641_at	1.53	Lig1	ligase I, DNA, ATP-dependent
1449614_s_at	1.52	AI314976	expressed sequence AI314976
1442004_at	1.51	Trim65	tripartite motif-containing 65
1434697_at	1.51	Ddx6	DEAD (Asp-Glu-Ala-Asp) box polypeptide 6
1423465_at	1.50	LOC100046401	ferric-chelate reductase 1
1416768_at	1.45	1110003E01Rik	RIKEN cDNA 1110003E01 gene
1454195_at	1.38	4933433G19Rik	
1453412_a_at	1.36	Sec14l1	SEC14-like 1 (<i>S. cerevisiae</i>)
1454837_at	1.36	Cln6	ceroid-lipofuscinosis, neuronal 6
1451310_a_at	1.12	Ctsl	cathepsin L
1448513_a_at	1.05	Npc2	Niemann Pick type C2
1436928_s_at	-1.32	Adcy3	adenylate cyclase 3
1435452_at	-1.37	Tmem20	transmembrane protein 20
1426166_at	-1.37	Mup5	major urinary protein 5
1443177_at	-1.38	N/A	N/A
1419970_at	-1.38	Slc35a5	solute carrier family 35, member A5
1436425_at	-1.39	Kank4	KN motif and ankyrin repeat domains 4
1421472_at	-1.40	2900083I11Rik	RIKEN cDNA 2900083I11 gene
1427713_x_at	-1.40	Pou2f2	POU domain, class 2, transcription factor 2
1439025_at	-1.45	Zfp446	zinc finger protein 446
1459247_at	-1.45	Agbl3	ATP/GTP binding protein-like 3
1445662_x_at	-1.47	N/A	N/A
1459182_at	-1.51	N/A	N/A
1450176_at	-1.51	Ern1	endoplasmic reticulum (ER) to nucleus signalling 1

1446354_at	-1.53	C130098B18Rik	RIKEN cDNA C130098B18 gene
1429560_at	-1.53	100043468	predicted gene, 100043468
1440722_at	-1.55	D19Erttd386e	
1459324_at	-1.58	Fermt2	fermitin family homolog 2
1419214_at	-1.59	Tnfrsf11a	tumor necrosis factor receptor superfamily, member 11a
1438529_at	-1.60	Tmem201	transmembrane protein 201
1445175_at	-1.61	100042940	predicted gene, 100042940
1443785_x_at	-1.62	Pdlim7	PDZ and LIM domain 7
1433099_at	-1.63	4933428L12Rik	RIKEN cDNA 4933428L12 gene
1452764_at	-1.65	Socs6	suppressor of cytokine signaling 6
1454294_at	-1.66	2310061A09Rik	RIKEN cDNA 2310061A09 gene
1432156_a_at	-1.66	Rnf32	ring finger protein 32
1458747_at	-1.66	Fbxo45	F-box protein 45
1432260_at	-1.67	Gpr39	G protein-coupled receptor 39
1448000_at	-1.70	Cdca3	cell division cycle associated 3
1459307_at	-1.71	N/A	N/A
1432875_at	-1.72	4632409D06Rik	RIKEN cDNA 4632409D06 gene
1455961_at	-1.72	Mme	membrane metallo endopeptidase
1447884_x_at	-1.73	Fam134c	family with sequence similarity 134, member C
1458661_at	-1.73	N/A	N/A
1430137_at	-1.74	1300002E11Rik	RIKEN cDNA 1300002E11 gene
1439515_at	-1.75	Setd5	SET domain containing 5
1456045_at	-1.76	1700106N22Rik	RIKEN cDNA 1700106N22 gene
1439339_at	-1.76	N/A	N/A
1447789_x_at	-1.77	Ddx6	DEAD (Asp-Glu-Ala-Asp) box polypeptide 6
1436267_a_at	-1.78	Frap1	FK506 binding protein 12-rapamycin associated protein 1
1441626_at	-1.78	N/A	N/A
1435627_x_at	-1.79	N/A	N/A
1423224_at	-1.82	Tctn2	tectonic family member 2
1443719_x_at	-1.82	Ddx42	DEAD (Asp-Glu-Ala-Asp) box polypeptide 42
1437594_x_at	-1.83	Pigt	phosphatidylinositol glycan anchor biosynthesis, class T
1457639_at	-1.83	Atp6v1h	V-ATPase subunit H
1430996_at	-1.85	Etnk1	ethanolamine kinase 1
1420769_at	-1.86	Dhx58	DEXH (Asp-Glu-X-His) box polypeptide 58
1425901_at	-1.87	Nfatc2	nuclear factor of activated T-cells, cytoplasmic, calcineurin-dependent 2
1447377_at	-1.87	Gm428	
1453090_x_at	-1.88	N/A	N/A
1421990_at	-1.90	Syt1	synaptotagmin I
1452920_a_at	-1.96	Ppil2	peptidylprolyl isomerase (cyclophilin)-like 2
1423953_at	-1.96	Cdkal1	CDK5 regulatory subunit associated protein 1-like 1
1432711_at	-1.96	4933425M03Rik	
1457629_at	-1.97	Atmin	ATM interactor
1415748_a_at	-1.97	Dctn5	polo-like kinase 1
1430358_at	-1.99	Becn1	beclin 1
1430373_at	-1.99	5430427O19Rik	RIKEN cDNA 5430427O19 gene

1447820_x_at	-2.00	Cpt2	carnitine palmitoyltransferase 2
1437762_at	-2.04	Rab39	RAB39, member RAS oncogene family
1416787_at	-2.07	Acvr1	activin A receptor, type 1
1446422_at	-2.12	A530081L18Rik	membrane-associated ring finger (C3HC4) 3
1447267_at	-2.14	C85319	expressed sequence C85319
1454219_at	-2.15	Dnajc2	DnaJ (Hsp40) homolog, subfamily C, member 2
1430772_at	-2.22	4932438H23Rik	RIKEN cDNA 4932438H23 gene
1447768_at	-2.24	Got2	glutamate oxaloacetate transaminase 2, mitochondrial
1446001_at	-2.25	N/A	N/A
1442954_at	-2.33	N/A	N/A
1444873_at	-2.35	Hip1	huntingtin interacting protein 1
1424595_at	-2.37	F11r	F11 receptor
1455284_x_at	-2.41	Pigx	phosphatidylinositol glycan anchor biosynthesis, class X
1420948_s_at	-2.42	Atrx	alpha thalassemia/mental retardation syndrome X-linked homolog
1441784_at	-2.46	N/A	N/A
1446211_at	-2.55	ErbB4	v-erb-a erythroblastic leukemia viral oncogene homolog 4
1433020_at	-2.65	5830413G11Rik	RIKEN cDNA 5830413G11 gene
1456808_at	-2.68	4933426M11Rik	RIKEN cDNA 4933426M11 gene
1453534_at	-2.71	2810004I08Rik	
1446004_at	-2.95	N/A	N/A
1452240_at	-3.25	Brunol4	bruno-like 4, RNA binding protein