

Table SIII. Significantly differentially expressed mRNAs of GSE138206 data series with the criteria of adjusted P<0.05 and logFC>1.5.

Probe ID	Adjusted P-value	LogFC	Gene symbol	Gene title
204475_at	2.54x10 ⁻⁵	5.28	MMP1	matrix metalloproteinase 1
205680_at	2.64x10 ⁻⁵	4.64	MMP10	matrix metalloproteinase 10
205959_at	2.64x10 ⁻⁵	4.63	MMP13	matrix metalloproteinase 13
204259_at	8.59x10 ⁻⁵	4.20	MMP7	matrix metalloproteinase 7
214974_x_at	3.79x10 ⁻⁵	4.18	CXCL5	C-X-C motif chemokine ligand 5
227140_at	2.56x10 ⁻⁶	4.09	INHBA	inhibin β A subunit
205242_at	6.39x10 ⁻³	3.81	CXCL13	C-X-C motif chemokine ligand 13
226777_at	1.13x10 ⁻⁴	3.77	ADAM12	ADAM metalloproteinase domain 12
211756_at	4.89x10 ⁻⁵	3.73	PTH1L	parathyroid hormone like hormone
205828_at	3.75x10 ⁻³	3.70	MMP3	matrix metalloproteinase 3
202267_at	2.64x10 ⁻⁵	3.65	LAMC2	laminin subunit γ 2
210511_s_at	2.56x10 ⁻⁶	3.63	INHBA	inhibin β A subunit
204580_at	1.26x10 ⁻³	3.52	MMP12	matrix metalloproteinase 12
213790_at	5.48x10 ⁻⁵	3.50	ADAM12	ADAM metalloproteinase domain 12
209875_s_at	4.93x10 ⁻³	3.44	SPP1	secreted phosphoprotein 1
206300_s_at	3.31x10 ⁻⁵	3.40	PTH1L	parathyroid hormone like hormone
232170_at	8.24x10 ⁻⁴	3.36	S100A7A	S100 calcium binding protein A7A
208025_s_at	2.11x10 ⁻⁴	3.29	HMGA2	high mobility group AT-hook 2
210355_at	3.91x10 ⁻⁴	3.21	PTH1L	parathyroid hormone like hormone
202311_s_at	7.13x10 ⁻⁴	3.12	COL1A1	collagen type I α 1 chain
225681_at	4.75x10 ⁻³	3.02	CTHRC1	collagen triple helix repeat containing 1
211639_x_at	2.09x10 ⁻²	2.99	IGHV4-31	immunoglobulin heavy variable 4-31
205483_s_at	1.63x10 ⁻³	2.98	ISG15	ISG15 ubiquitin-like modifier
214768_x_at	3.50x10 ⁻²	2.94	IGKC	immunoglobulin κ constant
209278_s_at	1.43x10 ⁻³	2.86	TFPI2	tissue factor pathway inhibitor 2
229947_at	5.48x10 ⁻⁵	2.79	PI15	peptidase inhibitor 15
210163_at	7.13x10 ⁻⁴	2.78	CXCL11	C-X-C motif chemokine ligand 11
203423_at	7.54x10 ⁻⁵	2.77	RBP1	retinol binding protein 1

205943_at	2.53x10 ⁻³	2.73	TDO2	tryptophan 2,3-dioxygenase
233002_at	7.13x10 ⁻⁵	2.70	PPP4R4	protein phosphatase 4 regulatory subunit 4
209395_at	1.46x10 ⁻²	2.68	CHI3L1	chitinase 3 like 1
218804_at	5.44x10 ⁻⁵	2.67	ANO1	anoctamin 1
203936_s_at	4.52x10 ⁻⁵	2.66	MMP9	matrix metalloproteinase 9
203726_s_at	2.12x10 ⁻⁴	2.66	LAMA3	laminin subunit α 3
216560_x_at	1.99x10 ⁻²	2.65	IGLC1	immunoglobulin lambda constant 1
203889_at	2.21x10 ⁻⁴	2.63	SCG5	secretogranin V
204415_at	2.16x10 ⁻³	2.63	IFI6	interferon α inducible protein 6
202859_x_at	4.21x10 ⁻³	2.63	CXCL8	C-X-C motif chemokine ligand 8
206513_at	7.70x10 ⁻⁵	2.61	AIM2	absent in melanoma 2
212489_at	1.19x10 ⁻⁴	2.60	COL5A1	collagen type V α 1 chain
206134_at	2.66x10 ⁻³	2.60	ADAMDEC1	ADAM like decysin 1
202952_s_at	2.68x10 ⁻⁴	2.60	ADAM12	ADAM metalloproteinase domain 12
211122_s_at	7.26x10 ⁻⁴	2.59	CXCL11	C-X-C motif chemokine ligand 11
221805_at	2.48x10 ⁻²	2.59	NEFL	neurofilament light polypeptide
226311_at	9.72x10 ⁻⁴	2.58	ADAMTS2	ADAM metalloproteinase with thrombospondin type 1 motif 2
230193_at	2.04x10 ⁻³	2.58	WDR66	WD repeat domain 66
209396_s_at	2.08x10 ⁻²	2.55	CHI3L1	chitinase 3 like 1
204533_at	1.60x10 ⁻⁴	2.54	CXCL10	C-X-C motif chemokine ligand 10
235763_at	1.94x10 ⁻³	2.52	SLC44A5	solute carrier family 44 member 5
204416_x_at	2.75x10 ⁻⁴	2.50	APOC1	apolipoprotein C1
1555778_a_at	2.50x10 ⁻³	2.47	POSTN	periostin
201506_at	1.10x10 ⁻⁴	2.47	TGFBI	transforming growth factor β induced
210133_at	3.86x10 ⁻³	2.45	CCL11	C-C motif chemokine ligand 11
220513_at	1.15x10 ⁻³	2.45	KHDC1L	KH domain containing 1 like
1555777_at	3.03x10 ⁻³	2.45	POSTN	periostin
231766_s_at	1.25x10 ⁻⁵	2.44	COL12A1	collagen type XII α 1 chain
202628_s_at	3.47x10 ⁻³	2.44	SERPINE1	serpin family E member 1
242625_at	2.85x10 ⁻³	2.42	RSAD2	radical S-adenosyl methionine domain containing 2

213797_at	1.71x10 ⁻³	2.40	RSAD2	radical S-adenosyl methionine domain containing 2
203915_at	1.47x10 ⁻³	2.38	CXCL9	C-X-C motif chemokine ligand 9
205941_s_at	1.81x10 ⁻⁴	2.32	COL10A1	collagen type X α 1 chain
203878_s_at	5.88x10 ⁻⁴	2.32	MMP11	matrix metalloproteinase 11
219655_at	4.64x10 ⁻⁴	2.32	SUGCT	succinyl-CoA:glutarate-CoA transferase
210809_s_at	2.22x10 ⁻³	2.32	POSTN	periostin
1568868_at	1.10x10 ⁻⁴	2.31	CYP27C1	cytochrome P450 family 27 subfamily C member 1
205899_at	1.63x10 ⁻³	2.30	CCNA1	cyclin A1
226997_at	1.86x10 ⁻⁴	2.29	ADAMTS12	ADAM metalloproteinase with thrombospondin type 1 motif 12
202627_s_at	2.44x10 ⁻³	2.29	SERPINE1	serpin family E member 1
231867_at	1.76x10 ⁻³	2.28	TENM2	teneurin transmembrane protein 2
204602_at	2.73x10 ⁻³	2.28	DKK1	dickkopf WNT signaling pathway inhibitor 1
209374_s_at	1.90x10 ⁻²	2.28	IGHM	immunoglobulin heavy constant mu
226702_at	3.37x10 ⁻³	2.26	CMPK2	cytidine
204136_at	1.39x10 ⁻³	2.25	COL7A1	collagen type VII α 1 chain
206569_at	6.26x10 ⁻⁴	2.24	IL24	interleukin 24
204879_at	3.43x10 ⁻⁴	2.24	PDPN	podoplanin
214639_s_at	1.10x10 ⁻⁴	2.24	HOXA1	homeobox A1
212488_at	7.19x10 ⁻⁴	2.23	COL5A1	collagen type V α 1 chain
213992_at	5.35x10 ⁻⁴	2.23	COL4A6	collagen type IV α 6 chain
209270_at	7.14x10 ⁻⁴	2.23	LAMB3	laminin subunit β 3
229625_at	4.56x10 ⁻⁴	2.20	GBP5	guanylate binding protein 5
235821_at	1.14x10 ⁻⁴	2.20	WISP1	WNT1 inducible signaling pathway protein 1
210029_at	8.35x10 ⁻⁴	2.16	IDO1	indoleamine 2,3-dioxygenase 1
209969_s_at	5.79x10 ⁻⁴	2.16	STAT1	signal transducer and activator of transcription 1
211506_s_at	1.21x10 ⁻²	2.15	CXCL8	C-X-C motif chemokine ligand 8
206172_at	1.46x10 ⁻²	2.14	IL13RA2	interleukin 13 receptor subunit α 2
229802_at	1.71x10 ⁻⁴	2.14	WISP1	WNT1 inducible signaling pathway protein 1
222449_at	1.10x10 ⁻⁴	2.12	PMEPA1	prostate transmembrane protein androgen induced 1
37892_at	2.34x10 ⁻³	2.11	COL11A1	collagen type XI α 1 chain

227609_at	4.19x10 ⁻³	2.11	EPSTI1	epithelial stromal interaction 1 (breast)
203256_at	1.63x10 ⁻³	2.10	CDH3	cadherin 3
202404_s_at	3.03x10 ⁻³	2.09	COL1A2	collagen type I α 2 chain
204351_at	9.11x10 ⁻³	2.09	S100P	S100 calcium binding protein P
205479_s_at	1.20x10 ⁻³	2.08	PLAU	plasminogen activator urokinase
203153_at	7.26x10 ⁻³	2.07	IFIT1	interferon induced protein with tetratricopeptide repeats 1
204051_s_at	2.64x10 ⁻²	2.06	SFRP4	secreted frizzled related protein 4
211964_at	1.68x10 ⁻³	2.04	COL4A2	collagen type IV α 2 chain
212354_at	6.25x10 ⁻⁴	2.03	SULF1	sulfatase 1
201645_at	7.54x10 ⁻⁵	2.02	TNC	tenascin C
229450_at	4.47x10 ⁻³	2.02	IFIT3	interferon induced protein with tetratricopeptide repeats 3
213553_x_at	2.29x10 ⁻⁴	2.02	APOC1	apolipoprotein C1
209644_x_at	1.29x10 ⁻³	2.01	CDKN2A	cyclin dependent kinase inhibitor 2A
204320_at	3.10x10 ⁻³	2.01	COL11A1	collagen type XI α 1 chain
219684_at	3.91x10 ⁻⁴	1.99	RTP4	receptor transporter protein 4
234973_at	7.13x10 ⁻⁴	1.99	SLC38A5	solute carrier family 38 member 5
1566145_s_at	5.50x10 ⁻³	1.97	LOC101930100	uncharacterized LOC101930100
218847_at	2.83x10 ⁻⁴	1.96	IGF2BP2	insulin like growth factor 2 mRNA binding protein 2
203417_at	9.60x10 ⁻⁵	1.95	MFAP2	microfibrillar associated protein 2
226609_at	4.56x10 ⁻⁶	1.95	DCBLD1	discoidin CUB and LCCL domain containing 1
203325_s_at	7.13x10 ⁻⁴	1.95	COL5A1	collagen type V α 1 chain
212353_at	1.00x10 ⁻³	1.94	SULF1	sulfatase 1
202998_s_at	5.61x10 ⁻⁴	1.93	LOXL2	lysyl oxidase like 2
211980_at	2.80x10 ⁻³	1.93	COL4A1	collagen type IV α 1 chain
212013_at	1.63x10 ⁻³	1.92	PXDN	peroxidasin
222853_at	9.81x10 ⁻³	1.91	FLRT3	fibronectin leucine rich transmembrane protein 3
222242_s_at	1.94x10 ⁻²	1.91	KLK5	kallikrein related peptidase 5
221729_at	2.79x10 ⁻³	1.90	COL5A2	collagen type V α 2 chain
217227_x_at	3.29x10 ⁻²	1.89	IGLV1-44	immunoglobulin lambda variable 1-44
206214_at	1.13x10 ⁻³	1.89	PLA2G7	phospholipase A2 group VII

209955_s_at	1.00x10 ⁻²	1.89	FAP	fibroblast activation protein α
205495_s_at	7.06x10 ⁻⁴	1.88	GNLY	granulysin
225646_at	3.28x10 ⁻³	1.88	CTSC	cathepsin C
207714_s_at	4.86x10 ⁻⁴	1.87	SERPINH1	serpin family H member 1
226930_at	9.38x10 ⁻⁴	1.86	FNDC1	fibronectin type III domain containing 1
205534_at	7.75x10 ⁻⁴	1.85	PCDH7	protocadherin 7
212473_s_at	1.26x10 ⁻⁴	1.85	MICAL2	microtubule associated monooxygenase calponin and LIM domain containing 2
217875_s_at	3.43x10 ⁻⁴	1.84	PMEPA1	prostate transmembrane protein androgen induced 1
203695_s_at	5.11x10 ⁻⁴	1.83	DFNA5	DFNA5 deafness associated tumor suppressor
207610_s_at	3.91x10 ⁻⁴	1.83	ADGRE2	adhesion G protein-coupled receptor E2
212012_at	2.60x10 ⁻³	1.81	PXDN	peroxidasin
218404_at	2.78x10 ⁻³	1.81	SNX10	sorting nexin 10
210095_s_at	2.08x10 ⁻³	1.81	IGFBP3	insulin like growth factor binding protein 3
211981_at	4.48x10 ⁻³	1.81	COL4A1	collagen type IV α 1 chain
203789_s_at	1.12x10 ⁻³	1.81	SEMA3C	semaphorin 3C
223687_s_at	7.67x10 ⁻³	1.81	LY6K	lymphocyte antigen 6 complex locus K
219956_at	7.90x10 ⁻⁴	1.81	GALNT6	polypeptide N-acetylgalactosaminyltransferase 6
205157_s_at	1.71x10 ⁻²	1.80	KRT17	keratin 17
232009_at	1.30x10 ⁻³	1.80	ADGRE2	adhesion G protein-coupled receptor E2
204747_at	4.55x10 ⁻³	1.80	IFIT3	interferon induced protein with tetratricopeptide repeats 3
205681_at	1.97x10 ⁻²	1.80	BCL2A1	BCL2 related protein A1
234366_x_at	2.77x10 ⁻²	1.80	IGLJ3	immunoglobulin lambda joining 3
221730_at	5.22x10 ⁻³	1.79	COL5A2	collagen type V α 2 chain
226757_at	8.44x10 ⁻³	1.79	IFIT2	interferon induced protein with tetratricopeptide repeats 2
225647_s_at	4.87x10 ⁻³	1.78	CTSC	cathepsin C
205660_at	1.21x10 ⁻³	1.76	OASL	2'-5'-oligoadenylate synthetase like
228910_at	6.50x10 ⁻⁴	1.76	CD82	CD82 molecule
231192_at	1.50x10 ⁻²	1.74	LPAR3	lysophosphatidic acid receptor 3
203764_at	4.51x10 ⁻³	1.73	DLGAP5	DLG associated protein 5
204636_at	2.44x10 ⁻²	1.73	COL17A1	collagen type XVII α 1 chain
229125_at	1.12x10 ⁻³	1.73	KANK4	KN motif and ankyrin repeat domains 4

213869_x_at	1.19x10 ⁻²	1.72	THY1	Thy-1 cell surface antigen
232277_at	1.01x10 ⁻³	1.72	SLC28A3	solute carrier family 28 member 3
204972_at	2.46x10 ⁻³	1.72	OAS2	2'-5'-oligoadenylate synthetase 2
221898_at	1.05x10 ⁻³	1.72	PDPN	podoplanin
215214_at	1.60x10 ⁻²	1.71	IGLC1	immunoglobulin lambda constant 1
206858_s_at	1.81x10 ⁻⁴	1.71	HOXC6	homeobox C6
227828_s_at	4.60x10 ⁻⁵	1.70	EVA1A	eva-1 homolog A regulator of programmed cell death
203921_at	3.91x10 ⁻⁴	1.70	CHST2	carbohydrate sulfotransferase 2
228303_at	9.88x10 ⁻⁴	1.69	GALNT6	polypeptide N-acetylgalactosaminyltransferase 6
1552487_a_at	1.68x10 ⁻²	1.69	BNC1	basonuclin 1
225105_at	1.48x10 ⁻⁴	1.68	C12orf75	chromosome 12 open reading frame 75
217157_x_at	2.34x10 ⁻²	1.68	IGK	immunoglobulin kappa locus
1555742_at	1.16x10 ⁻²	1.68	ERVH-6	endogenous retrovirus group H member 6
217901_at	2.50x10 ⁻³	1.68	DSG2	desmoglein 2
206460_at	9.87x10 ⁻³	1.67	AJAP1	adherens junctions associated protein 1
224724_at	1.23x10 ⁻³	1.67	SULF2	sulfatase 2
201422_at	7.40x10 ⁻³	1.66	IFI30	IFI30 lysosomal thiol reductase
221698_s_at	4.29x10 ⁻⁴	1.66	CLEC7A	C-type lectin domain family 7 member A
206581_at	1.47x10 ⁻²	1.66	BNC1	basonuclin 1
218355_at	3.67x10 ⁻⁴	1.65	KIF4A	kinesin family member 4A
228642_at	3.06x10 ⁻⁴	1.65	HOTAIRM1	HOXA transcript antisense RNA myeloid-specific 1
200629_at	8.54x10 ⁻⁴	1.65	WARS	tryptophanyl-tRNA synthetase
222108_at	2.20x10 ⁻³	1.64	AMIGO2	adhesion molecule with Ig like domain 2
201462_at	1.15x10 ⁻³	1.64	SCRN1	secernin 1
228273_at	1.60x10 ⁻⁴	1.64	PRR11	proline rich 11
211719_x_at	4.21x10 ⁻³	1.63	FN1	fibronectin 1
211635_x_at	3.15x10 ⁻²	1.62	IGHV4-31	immunoglobulin heavy variable 4-31
216442_x_at	3.90x10 ⁻³	1.62	FN1	fibronectin 1
218943_s_at	4.56x10 ⁻³	1.62	DDX58	DEXD
210495_x_at	4.16x10 ⁻³	1.62	FN1	fibronectin 1
210933_s_at	1.07x10 ⁻³	1.62	FSCN1	fascin actin-bundling protein 1

222608_s_at	6.52x10 ⁻³	1.60	ANLN	anillin actin binding protein
222693_at	2.42x10 ⁻³	1.60	LOC101928615	uncharacterized LOC101928615
1560396_at	4.54x10 ⁻³	1.60	KLHL6	kelch like family member 6
206364_at	1.10x10 ⁻⁴	1.60	KIF14	kinesin family member 14
221969_at	3.23x10 ⁻²	1.59	PAX5	paired box 5
228617_at	7.58x10 ⁻³	1.59	XAF1	XIAP associated factor 1
208345_s_at	2.50x10 ⁻³	1.59	POU3F1	POU class 3 homeobox 1
205569_at	2.83x10 ⁻³	1.59	LAMP3	lysosomal associated membrane protein 3
224753_at	6.38x10 ⁻⁴	1.58	CDCA5	cell division cycle associated 5
225655_at	8.07x10 ⁻⁴	1.58	UHRF1	ubiquitin like with PHD and ring finger domains 1
219250_s_at	3.57x10 ⁻³	1.58	FLRT3	fibronectin leucine rich transmembrane protein 3
201474_s_at	4.74x10 ⁻³	1.58	ITGA3	integrin subunit α 3
218834_s_at	6.34x10 ⁻⁵	1.58	TMEM132A	transmembrane protein 132A
207011_s_at	2.15x10 ⁻⁴	1.57	PTK7	protein tyrosine kinase 7 (inactive)
202833_s_at	1.88x10 ⁻²	1.57	SERPINA1	serpin family A member 1
216228_s_at	2.81x10 ⁻⁴	1.55	WDHD1	WD repeat and HMG-box DNA binding protein 1
238741_at	2.26x10 ⁻³	1.55	FAM83A	family with sequence similarity 83 member A
226218_at	7.43x10 ⁻³	1.54	IL7R	interleukin 7 receptor
219386_s_at	3.91x10 ⁻³	1.54	SLAMF8	SLAM family member 8
218644_at	4.78x10 ⁻³	1.54	PLEK2	pleckstrin 2
210074_at	1.84x10 ⁻²	1.53	CTSV	cathepsin V
208851_s_at	1.23x10 ⁻²	1.53	THY1	Thy-1 cell surface antigen
201852_x_at	1.18x10 ⁻²	1.53	COL3A1	collagen type III α 1 chain
207351_s_at	1.96x10 ⁻³	1.53	SH2D2A	SH2 domain containing 2A
212464_s_at	5.43x10 ⁻³	1.53	FN1	fibronectin 1
206553_at	1.31x10 ⁻³	1.53	OAS2	2'-5'-oligoadenylate synthetase 2
211966_at	8.86x10 ⁻³	1.52	COL4A2	collagen type IV α 2 chain
218717_s_at	9.87x10 ⁻³	1.51	P3H2	prolyl 3-hydroxylase 2
236341_at	1.21x10 ⁻³	1.51	CTLA4	cytotoxic T-lymphocyte associated protein 4
218986_s_at	2.74x10 ⁻³	1.51	DDX60	DEXD
207039_at	2.50x10 ⁻³	1.51	CDKN2A	cyclin dependent kinase inhibitor 2A

204858_s_at	2.87x10 ⁻³	1.50	TYMP	thymidine phosphorylase
204052_s_at	2.91x10 ⁻²	1.50	SFRP4	secreted frizzled related protein 4
209355_s_at	1.27x10 ⁻²	-1.50	PLPP3	phospholipid phosphatase 3
219268_at	7.72x10 ⁻³	-1.50	ETNK2	ethanolamine kinase 2
230962_at	2.80x10 ⁻³	-1.50	DCLK1	doublecortin like kinase 1
205907_s_at	1.69x10 ⁻²	-1.50	OMD	osteomodulin
1565909_at	3.10x10 ⁻²	-1.50	CTB-49A3.2	uncharacterized CTB-49A3.2
223836_at	3.03x10 ⁻³	-1.51	FGFBP2	fibroblast growth factor binding protein 2
213201_s_at	2.53x10 ⁻²	-1.51	TNNT1	troponin T1 slow skeletal type
209894_at	1.63x10 ⁻³	-1.51	LEPROT	leptin receptor overlapping transcript
207059_at	5.96x10 ⁻³	-1.51	PAX9	paired box 9
223467_at	2.81x10 ⁻²	-1.51	RASD1	ras related dexamethasone induced 1
91826_at	3.16x10 ⁻²	-1.52	EPS8L1	EPS8 like 1
213174_at	3.46x10 ⁻²	-1.52	TTC9	tetratricopeptide repeat domain 9
219722_s_at	3.47x10 ⁻³	-1.52	GDPD3	glycerophosphodiester phosphodiesterase domain containing 3
225548_at	2.05x10 ⁻²	-1.52	SHROOM3	shroom family member 3
205498_at	1.09x10 ⁻²	-1.52	GHR	growth hormone receptor
1554332_a_at	4.17x10 ⁻³	-1.53	SLCO4A1-AS1	SLCO4A1 antisense RNA 1
205402_x_at	2.19x10 ⁻²	-1.53	PRSS2	Proteaseserine 2
229302_at	3.21x10 ⁻²	-1.53	TMEM178A	transmembrane protein 178A
218552_at	8.24x10 ⁻⁵	-1.53	ECHDC2	enoyl-CoA hydratase domain containing 2
209842_at	7.72x10 ⁻³	-1.53	SOX10	SRY-box 10
228406_at	1.48x10 ⁻²	-1.54	SMYD1	SET and MYND domain containing 1
1561368_at	8.00x10 ⁻³	-1.54	LOC105376081	uncharacterized LOC105376081
231711_at	9.31x10 ⁻³	-1.54	ACPP	acid phosphatase prostate
213547_at	1.16x10 ⁻²	-1.54	CAND2	cullin associated and neddylation dissociated 2 (putative)
219970_at	8.68x10 ⁻⁴	-1.54	GIPC2	GIPC PDZ domain containing family member 2
203498_at	3.44x10 ⁻³	-1.54	RCAN2	regulator of calcineurin 2
208096_s_at	3.40x10 ⁻³	-1.54	COL21A1	collagen type XXI α 1 chain
201324_at	3.91x10 ⁻⁴	-1.54	EMP1	epithelial membrane protein 1
228494_at	1.29x10 ⁻³	-1.55	PPP1R9A	protein phosphatase 1 regulatory subunit 9A

1556427_s_at	2.33x10 ⁻³	-1.55	LRRN4CL	LRRN4 C-terminal like
207038_at	5.36x10 ⁻⁴	-1.55	SLC16A6	solute carrier family 16 member 6
230195_at	2.95x10 ⁻²	-1.55	LINC01405	long intergenic non-protein coding RNA 1405
209457_at	1.63x10 ⁻²	-1.55	DUSP5	dual specificity phosphatase 5
212276_at	1.04x10 ⁻³	-1.55	LPIN1	lipin 1
41644_at	2.58x10 ⁻⁴	-1.56	SASH1	SAM and SH3 domain containing 1
213050_at	1.24x10 ⁻³	-1.56	COBL	cordo-bleu WH2 repeat protein
209616_s_at	7.56x10 ⁻³	-1.56	LOC100653057	liver carboxylesterase 1-like
227366_at	2.69x10 ⁻³	-1.57	RILP	Rab interacting lysosomal protein
224367_at	2.12x10 ⁻³	-1.57	BEX2	brain expressed X-linked 2
225728_at	3.91x10 ⁻³	-1.57	SORBS2	sorbin and SH3 domain containing 2
227725_at	1.36x10 ⁻²	-1.57	ST6GALNAC1	ST6 N-acetylgalactosaminide α -2,6-sialyltransferase 1
204393_s_at	1.54x10 ⁻²	-1.57	ACPP	acid phosphatase prostate
204846_at	6.08x10 ⁻³	-1.58	CP	ceruloplasmin (ferroxidase)
226388_at	6.96x10 ⁻⁴	-1.58	TCEA3	transcription elongation factor A3
244111_at	9.15x10 ⁻⁴	-1.58	KRT222	keratin 222
227662_at	4.10x10 ⁻³	-1.59	SYNPO2	synaptopodin 2
229476_s_at	2.61x10 ⁻²	-1.59	THRSP	thyroid hormone responsive
227892_at	4.41x10 ⁻³	-1.59	PRKAA2	protein kinase AMP-activated catalytic subunit α 2
204940_at	6.69x10 ⁻³	-1.59	PLN	phospholamban
220276_at	3.67x10 ⁻⁴	-1.60	RERGL	RERG like
206349_at	2.71x10 ⁻⁴	-1.60	LGI1	leucine rich glioma inactivated 1
215887_at	2.68x10 ⁻²	-1.60	ZNF277	zinc finger protein 277
229011_at	1.17x10 ⁻⁴	-1.60	EMP1	epithelial membrane protein 1
220149_at	1.73x10 ⁻²	-1.60	C2orf54	chromosome 2 open reading frame 54
218087_s_at	2.39x10 ⁻³	-1.60	SORBS1	sorbin and SH3 domain containing 1
211549_s_at	1.57x10 ⁻³	-1.60	HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)
204939_s_at	1.04x10 ⁻²	-1.61	PLN	phospholamban
205407_at	4.12x10 ⁻⁴	-1.61	RECK	reversion inducing cysteine rich protein with kazal motifs
223075_s_at	1.54x10 ⁻²	-1.61	AIF1L	allograft inflammatory factor 1 like
221295_at	2.81x10 ⁻²	-1.61	CIDEA	cell death-inducing DFFA-like effector a

209700_x_at	2.49x10 ⁻²	-1.61	PDE4DIP	phosphodiesterase 4D interacting protein
241925_x_at	7.13x10 ⁻⁵	-1.61	SLC16A7	solute carrier family 16 member 7
201397_at	9.52x10 ⁻⁴	-1.61	PHGDH	phosphoglycerate dehydrogenase
201118_at	3.94x10 ⁻³	-1.61	PGD	phosphogluconate dehydrogenase
236001_at	2.42x10 ⁻²	-1.62	LINC00675	long intergenic non-protein coding RNA 675
204223_at	6.96x10 ⁻⁴	-1.62	PRELP	proline and arginine rich end leucine rich repeat protein
238441_at	6.56x10 ⁻³	-1.62	PRKAA2	protein kinase AMP-activated catalytic subunit α 2
238697_at	1.01x10 ⁻³	-1.62	SMIM10L2A	small integral membrane protein 10 like 2A
226145_s_at	1.40x10 ⁻²	-1.62	FRAS1	Fraser extracellular matrix complex subunit 1
227550_at	1.86x10 ⁻⁴	-1.62	GFRA1	GDNF family receptor α 1
205620_at	2.44x10 ⁻⁴	-1.63	F10	coagulation factor X
217508_s_at	1.46x10 ⁻²	-1.63	C18orf25	chromosome 18 open reading frame 25
203914_x_at	9.37x10 ⁻⁴	-1.63	HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)
212510_at	2.28x10 ⁻⁵	-1.63	GPD1L	glycerol-3-phosphate dehydrogenase 1-like
236254_at	2.08x10 ⁻³	-1.63	VPS13B	vacuolar protein sorting 13 homolog B
206121_at	1.23x10 ⁻²	-1.64	AMPD1	adenosine monophosphate deaminase 1
215103_at	2.83x10 ⁻²	-1.64	CYP2C18	cytochrome P450 family 2 subfamily C member 18
226325_at	1.05x10 ⁻³	-1.65	ADSSL1	adenylosuccinate synthase like 1
226096_at	2.48x10 ⁻³	-1.65	FNDC5	fibronectin type III domain containing 5
204979_s_at	1.84x10 ⁻²	-1.65	SH3BGR	SH3 domain binding glutamate rich protein
203913_s_at	1.74x10 ⁻³	-1.65	HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)
226766_at	3.57x10 ⁻³	-1.66	ROBO2	roundabout guidance receptor 2
212151_at	8.02x10 ⁻⁴	-1.66	PBX1	PBX homeobox 1
227782_at	2.02x10 ⁻³	-1.67	ZBTB7C	zinc finger and BTB domain containing 7C
228825_at	6.08x10 ⁻³	-1.67	PTGR1	prostaglandin reductase 1
230005_at	6.97x10 ⁻³	-1.67	SVIP	small VCP interacting protein
211548_s_at	1.12x10 ⁻³	-1.68	HPGD	hydroxyprostaglandin dehydrogenase 15-(NAD)
222513_s_at	2.17x10 ⁻³	-1.68	SORBS1	sorbin and SH3 domain containing 1
223739_at	2.08x10 ⁻²	-1.68	PADI1	peptidyl arginine deiminase 1
205794_s_at	1.46x10 ⁻⁴	-1.68	NOVA1	NOVA alternative splicing regulator 1
228600_x_at	3.43x10 ⁻⁴	-1.68	FAM221A	family with sequence similarity 221 member A

227769_at	1.37x10 ⁻³	-1.68	GPR27	G protein-coupled receptor 27
206227_at	4.10x10 ⁻⁴	-1.69	CILP	cartilage intermediate layer protein
205554_s_at	1.30x10 ⁻³	-1.69	DNASE1L3	deoxyribonuclease 1 like 3
203571_s_at	1.40x10 ⁻³	-1.69	ADIRF	adipogenesis regulatory factor
241233_x_at	6.33x10 ⁻³	-1.69	ANKRD20A11P	ankyrin repeat domain 20 family member A11 pseudogene
221523_s_at	2.13x10 ⁻⁴	-1.70	RRAGD	Ras related GTP binding D
211465_x_at	4.75x10 ⁻³	-1.70	FUT6	fucosyltransferase 6
213895_at	1.81x10 ⁻⁴	-1.70	EMP1	epithelial membrane protein 1
213317_at	7.23x10 ⁻³	-1.70	CLIC5	chloride intracellular channel 5
225671_at	4.19x10 ⁻³	-1.71	SPNS2	sphingolipid transporter 2
209692_at	1.04x10 ⁻³	-1.71	EYA2	EYA transcriptional coactivator and phosphatase 2
208502_s_at	3.19x10 ⁻²	-1.71	PITX1	paired like homeodomain 1
227197_at	2.97x10 ⁻⁵	-1.71	ARHGEF26	Rho guanine nucleotide exchange factor 26
209590_at	5.22x10 ⁻³	-1.71	BMP7	bone morphogenetic protein 7
233011_at	2.56x10 ⁻²	-1.71	ANXA1	annexin A1
203295_s_at	6.83x10 ⁻³	-1.72	ATP1A2	ATPase Na ⁺
206895_at	1.11x10 ⁻²	-1.72	PPP1R3A	protein phosphatase 1 regulatory subunit 3A
229062_at	8.16x10 ⁻³	-1.72	ARL9	ADP ribosylation factor like GTPase 9
204041_at	1.14x10 ⁻⁴	-1.72	MAOB	monoamine oxidase B
226864_at	1.43x10 ⁻²	-1.73	PKIA	protein kinase (cAMP-dependent catalytic) inhibitor α
212230_at	6.42x10 ⁻³	-1.74	PLPP3	phospholipid phosphatase 3
213397_x_at	2.88x10 ⁻⁴	-1.74	RNASE4	ribonuclease A family member 4
229764_at	1.48x10 ⁻²	-1.74	TPRG1	tumor protein p63 regulated 1
215440_s_at	4.64x10 ⁻⁴	-1.75	BEX4	brain expressed X-linked 4
226022_at	1.61x10 ⁻⁴	-1.75	SASH1	SAM and SH3 domain containing 1
1559170_at	4.19x10 ⁻³	-1.76	ANKRD20A5P	ankyrin repeat domain 20 family member A5 pseudogene
204540_at	3.53x10 ⁻²	-1.76	EEF1A2	eukaryotic translation elongation factor 1 α 2
238018_at	1.46x10 ⁻³	-1.76	FAM150B	family with sequence similarity 150 member B
216733_s_at	4.20x10 ⁻⁴	-1.76	GATM	glycine amidinotransferase
241412_at	8.80x10 ⁻⁵	-1.77	BTC	betacellulin
218262_at	1.05x10 ⁻³	-1.77	RMND5B	required for meiotic nuclear division 5 homolog B

216258_s_at	2.18x10 ⁻²	-1.77	SERPINB13	serpin family B member 13
227401_at	5.44x10 ⁻⁵	-1.78	IL17D	interleukin 17D
210299_s_at	4.55x10 ⁻³	-1.79	FHL1	four and a half LIM domains 1
221524_s_at	1.33x10 ⁻⁴	-1.79	RRAGD	Ras related GTP binding D
239057_at	2.13x10 ⁻²	-1.79	LMOD2	leiomodin 2
211362_s_at	1.76x10 ⁻²	-1.79	SERPINB13	serpin family B member 13
205295_at	2.20x10 ⁻²	-1.79	CKMT2	creatine kinase mitochondrial 2
209292_at	1.01x10 ⁻³	-1.80	ID4	inhibitor of DNA binding 4 HLH protein
213684_s_at	9.10x10 ⁻³	-1.80	PDLIM5	PDZ and LIM domain 5
230748_at	5.82x10 ⁻⁴	-1.80	SLC16A6	solute carrier family 16 member 6
229831_at	6.60x10 ⁻³	-1.80	CNTN3	contactin 3
213236_at	1.86x10 ⁻⁴	-1.80	SASH1	SAM and SH3 domain containing 1
225102_at	1.81x10 ⁻⁴	-1.80	MGLL	monoglyceride lipase
235617_x_at	9.70x10 ⁻³	-1.81	LOC100507537	uncharacterized LOC100507537
208596_s_at	1.12x10 ⁻²	-1.82	UGT1A3	UDP glucuronosyltransferase family 1 member A3
230670_at	1.63x10 ⁻⁴	-1.82	IGSF10	immunoglobulin superfamily member 10
225516_at	3.43x10 ⁻⁴	-1.82	SLC7A2	solute carrier family 7 member 2
220197_at	1.85x10 ⁻²	-1.82	ATP6V0A4	ATPase H ⁺ transporting V0 subunit a4
201496_x_at	3.25x10 ⁻³	-1.82	MYH11	myosin heavy chain 11
216887_s_at	7.26x10 ⁻³	-1.82	LDB3	LIM domain binding 3
209242_at	1.72x10 ⁻³	-1.83	PEG3	paternally expressed 3
209283_at	1.60x10 ⁻³	-1.83	CRYAB	crystallin α B
208335_s_at	3.18x10 ⁻³	-1.83	ACKR1	atypical chemokine receptor 1 (Duffy blood group)
228806_at	2.46x10 ⁻⁴	-1.84	RORC	RAR related orphan receptor C
225996_at	6.69x10 ⁻⁴	-1.84	LONRF2	LON peptidase N-terminal domain and ring finger 2
228621_at	2.19x10 ⁻²	-1.84	HFE2	hemochromatosis type 2 (juvenile)
204154_at	1.79x10 ⁻²	-1.85	CDO1	cysteine dioxygenase type 1
238196_at	2.78x10 ⁻³	-1.85	LOC285095	uncharacterized LOC285095
204731_at	4.10x10 ⁻⁴	-1.85	TGFBR3	transforming growth factor β receptor 3
204591_at	2.50x10 ⁻³	-1.85	CHL1	cell adhesion molecule L1 like
226625_at	4.38x10 ⁻⁴	-1.85	TGFBR3	transforming growth factor β receptor 3

205444_at	1.71x10 ⁻²	-1.86	ATP2A1	ATPase sarcoplasmic
235313_at	2.42x10 ⁻²	-1.86	NRAP	nebulin related anchoring protein
225575_at	9.14x10 ⁻⁴	-1.86	LIFR	leukemia inhibitory factor receptor α
202825_at	1.27x10 ⁻³	-1.86	SLC25A4	solute carrier family 25 member 4
209587_at	2.27x10 ⁻²	-1.86	PITX1	paired like homeodomain 1
214433_s_at	1.10x10 ⁻⁴	-1.87	SELENBP1	selenium binding protein 1
209220_at	7.97x10 ⁻⁴	-1.87	GPC3	glypican 3
225259_at	1.87x10 ⁻³	-1.87	RAB6B	RAB6B member RAS oncogene family
205029_s_at	7.65x10 ⁻³	-1.87	FABP7	fatty acid binding protein 7
209074_s_at	3.14x10 ⁻³	-1.88	FAM107A	family with sequence similarity 107 member A
211889_x_at	3.21x10 ⁻²	-1.88	CEACAM1	carcinoembryonic antigen related cell adhesion molecule 1
219747_at	2.64x10 ⁻⁵	-1.88	NDNF	neuron derived neurotrophic factor
228399_at	5.78x10 ⁻⁴	-1.89	OSR1	odd-skipped related transcription factor 1
203296_s_at	1.18x10 ⁻²	-1.89	ATP1A2	ATPase Na ⁺
212148_at	3.50x10 ⁻⁴	-1.89	PBX1	PBX homeobox 1
205158_at	1.43x10 ⁻⁴	-1.90	RNASE4	ribonuclease A family member 4
202965_s_at	5.37x10 ⁻³	-1.91	CAPN6	calpain 6
205030_at	6.79x10 ⁻³	-1.91	FABP7	fatty acid binding protein 7
220017_x_at	2.69x10 ⁻²	-1.91	CYP2C9	cytochrome P450 family 2 subfamily C member 9
205736_at	3.53x10 ⁻³	-1.92	PGAM2	phosphoglycerate mutase 2
239183_at	2.08x10 ⁻³	-1.92	ANGPTL1	angiopoietin like 1
205766_at	2.61x10 ⁻²	-1.92	TCAP	titin-cap
210399_x_at	8.96x10 ⁻³	-1.92	FUT6	fucosyltransferase 6
209757_s_at	3.91x10 ⁻³	-1.92	MYCN	v-myc avian myelocytomatosis viral oncogene neuroblastoma derived homolog
203178_at	4.54x10 ⁻⁴	-1.92	GATM	glycine amidinotransferase
213960_at	4.92x10 ⁻⁴	-1.93	NTRK3	neurotrophic receptor tyrosine kinase 3
213706_at	5.97x10 ⁻³	-1.93	GPD1	glycerol-3-phosphate dehydrogenase 1
217623_at	8.25x10 ⁻³	-1.94	MYLK3	myosin light chain kinase 3
240361_at	1.01x10 ⁻³	-1.95	LOC101927972	uncharacterized LOC101927972
216265_x_at	4.51x10 ⁻³	-1.95	MYH7	myosin heavy chain 7 cardiac muscle β
204753_s_at	2.06x10 ⁻⁴	-1.96	HLF	HLF PAR bZIP transcription factor

216333_x_at	5.72x10 ⁻⁴	-1.96	TNXB	tenascin XB
219295_s_at	3.02x10 ⁻³	-1.96	PCOLCE2	procollagen C-endopeptidase enhancer 2
213451_x_at	5.35x10 ⁻⁴	-1.96	TNXB	tenascin XB
206576_s_at	2.36x10 ⁻²	-1.97	CEACAM1	carcinoembryonic antigen related cell adhesion molecule 1
204773_at	4.42x10 ⁻⁴	-1.97	IL11RA	interleukin 11 receptor subunit α
206093_x_at	4.86x10 ⁻⁴	-1.98	TNXB	tenascin XB
206558_at	1.46x10 ⁻²	-1.98	SIM2	single-minded family bHLH transcription factor 2
219949_at	1.63x10 ⁻³	-2.00	LRRC2	leucine rich repeat containing 2
227419_x_at	1.07x10 ⁻³	-2.00	PLAC9	placenta specific 9
240509_s_at	9.49x10 ⁻⁴	-2.01	GREM2	gremlin 2 DAN family BMP antagonist
236573_at	9.70x10 ⁻³	-2.01	MIR133A1HG	MIR133A1 host gene
228224_at	1.81x10 ⁻⁴	-2.01	PRELP	proline and arginine rich end leucine rich repeat protein
204179_at	3.42x10 ⁻²	-2.02	MB	myoglobin
225571_at	4.64x10 ⁻⁴	-2.02	LIFR	leukemia inhibitory factor receptor α
207961_x_at	6.96x10 ⁻⁴	-2.02	MYH11	myosin heavy chain 11
228143_at	1.63x10 ⁻³	-2.02	CP	ceruloplasmin (ferroxidase)
228885_at	7.38x10 ⁻⁵	-2.03	MAMDC2	MAM domain containing 2
218730_s_at	1.90x10 ⁻³	-2.03	OGN	osteoglycin
238079_at	6.97x10 ⁻³	-2.04	TPM3	tropomyosin 3
230309_at	8.22x10 ⁻⁵	-2.04	BHMT2	betaine-homocysteine S-methyltransferase 2
212659_s_at	2.01x10 ⁻²	-2.04	IL1RN	interleukin 1 receptor antagonist
211726_s_at	2.34x10 ⁻³	-2.04	FMO2	flavin containing monooxygenase 2
205464_at	3.61x10 ⁻³	-2.04	SCNN1B	sodium channel epithelial 1 β subunit
223557_s_at	8.73x10 ⁻³	-2.05	TMEFF2	transmembrane protein with EGF like and two follistatin like domains 2
204755_x_at	1.46x10 ⁻⁴	-2.05	HLF	HLF PAR bZIP transcription factor
211883_x_at	2.68x10 ⁻²	-2.07	CEACAM1	carcinoembryonic antigen related cell adhesion molecule 1
235385_at	1.14x10 ⁻⁴	-2.08	MARCH1	membrane associated ring-CH-type finger 1
201497_x_at	5.17x10 ⁻⁴	-2.08	MYH11	myosin heavy chain 11
209763_at	1.87x10 ⁻³	-2.08	CHRDL1	chordin like 1
219932_at	1.10x10 ⁻⁴	-2.09	SLC27A6	solute carrier family 27 member 6
228750_at	5.82x10 ⁻⁴	-2.11	COL14A1	collagen type XIV α 1 chain

226304_at	8.37x10 ⁻⁴	-2.12	HSPB6	heat shock protein family B (small) member 6
213071_at	7.26x10 ⁻⁴	-2.13	DPT	dermatopontin
219230_at	1.09x10 ⁻⁴	-2.13	TMEM100	transmembrane protein 100
229740_at	1.04x10 ⁻²	-2.14	SMIM5	small integral membrane protein 5
1560767_at	5.23x10 ⁻³	-2.14	HCG22	HLA complex group 22
206353_at	1.50x10 ⁻²	-2.15	COX6A2	cytochrome c oxidase subunit 6A2
236449_at	8.44x10 ⁻³	-2.16	CSTB	cystatin B
228268_at	1.08x10 ⁻³	-2.16	FMO2	flavin containing monooxygenase 2
223821_s_at	2.06x10 ⁻³	-2.16	SUSD4	sushi domain containing 4
206826_at	1.93x10 ⁻³	-2.17	PMP2	peripheral myelin protein 2
204570_at	8.35x10 ⁻⁴	-2.17	COX7A1	cytochrome c oxidase subunit 7A1
227899_at	1.14x10 ⁻⁴	-2.17	VIT	vitrin
219509_at	8.35x10 ⁻³	-2.18	MYOZ1	myozenin 1
205623_at	1.20x10 ⁻²	-2.18	ALDH3A1	aldehyde dehydrogenase 3 family member A1
1552732_at	1.93x10 ⁻²	-2.19	ABRA	actin binding Rho activating protein
206094_x_at	1.45x10 ⁻²	-2.20	UGT1A3	UDP glucuronosyltransferase family 1 member A3
208791_at	3.91x10 ⁻⁴	-2.20	CLU	clusterin
223822_at	9.76x10 ⁻⁴	-2.20	SUSD4	sushi domain containing 4
209742_s_at	2.19x10 ⁻²	-2.21	MYL2	myosin light chain 2
222722_at	1.83x10 ⁻³	-2.22	OGN	osteoglycin
228504_at	1.90x10 ⁻³	-2.22	SCN7A	sodium voltage-gated channel α subunit 7
238834_at	1.07x10 ⁻²	-2.24	MYLK3	myosin light chain kinase 3
1569607_s_at	3.03x10 ⁻³	-2.24	LOC102725051	uncharacterized LOC102725051
236444_x_at	1.97x10 ⁻²	-2.24	C5orf66-AS1	C5orf66 antisense RNA 1
217804_s_at	3.50x10 ⁻³	-2.25	ILF3	interleukin enhancer binding factor 3
214087_s_at	2.37x10 ⁻²	-2.25	MYBPC1	myosin binding protein C slow type
231773_at	5.78x10 ⁻⁴	-2.25	ANGPTL1	angiopoietin like 1
229778_at	6.34x10 ⁻³	-2.25	SPX	spexin hormone
225817_at	4.89x10 ⁻⁵	-2.26	LOC101930349	uncharacterized LOC101930349
228568_at	1.48x10 ⁻⁴	-2.26	MYZAP	myocardial zonula adherens protein
208792_s_at	2.36x10 ⁻⁴	-2.26	CLU	clusterin

228194_s_at	2.64x10 ⁻⁵	-2.26	SORCS1	sortilin related VPS10 domain containing receptor 1
209291_at	2.84x10 ⁻⁴	-2.27	ID4	inhibitor of DNA binding 4 HLH protein
1561685_a_at	7.48x10 ⁻³	-2.27	LOC441178	uncharacterized LOC441178
223623_at	4.33x10 ⁻⁴	-2.27	C2orf40	chromosome 2 open reading frame 40
206199_at	1.90x10 ⁻²	-2.27	CEACAM7	carcinoembryonic antigen related cell adhesion molecule 7
210155_at	7.10x10 ⁻³	-2.27	MYOC	myocilin
215125_s_at	1.52x10 ⁻²	-2.29	UGT1A3	UDP glucuronosyltransferase family 1 member A3
220013_at	1.26x10 ⁻²	-2.29	EPHX3	epoxide hydrolase 3
205392_s_at	1.81x10 ⁻⁴	-2.30	CCL15-CCL14	CCL15-CCL14 readthrough (NMD candidate)
241014_at	9.06x10 ⁻⁴	-2.31	FLG-AS1	FLG antisense RNA 1
206898_at	2.60x10 ⁻³	-2.32	CDH19	cadherin 19
201348_at	1.15x10 ⁻³	-2.32	GPX3	glutathione peroxidase 3
201325_s_at	3.91x10 ⁻⁴	-2.33	EMP1	epithelial membrane protein 1
222043_at	2.68x10 ⁻⁴	-2.33	CLU	clusterin
214091_s_at	1.53x10 ⁻³	-2.33	GPX3	glutathione peroxidase 3
205185_at	2.44x10 ⁻²	-2.35	SPINK5	serine peptidase inhibitor Kazal type 5
228653_at	4.41x10 ⁻³	-2.35	SAMD5	sterile α motif domain containing 5
204284_at	4.36x10 ⁻³	-2.35	PPP1R3C	protein phosphatase 1 regulatory subunit 3C
205338_s_at	2.22x10 ⁻²	-2.37	DCT	dopachrome tautomerase
207602_at	2.21x10 ⁻²	-2.37	TMPRSS11D	transmembrane protease serine 11D
227676_at	3.08x10 ⁻³	-2.38	FAM3D	family with sequence similarity 3 member D
225354_s_at	7.77x10 ⁻⁶	-2.38	SH3BGRL2	SH3 domain binding glutamate rich protein like 2
230577_at	9.37x10 ⁻⁴	-2.38	LINC00844	long intergenic non-protein coding RNA 844
205200_at	6.35x10 ⁻⁴	-2.38	EXOSC7	exosome component 7
204810_s_at	2.01x10 ⁻²	-2.41	CKM	creatine kinase M-type
238751_at	2.06x10 ⁻⁴	-2.41	SORBS2	sorbin and SH3 domain containing 2
210198_s_at	4.56x10 ⁻⁴	-2.42	PLP1	proteolipid protein 1
204483_at	6.01x10 ⁻³	-2.45	ENO3	enolase 3
227827_at	2.64x10 ⁻⁵	-2.45	SORBS2	sorbin and SH3 domain containing 2
213371_at	3.91x10 ⁻³	-2.45	LDB3	LIM domain binding 3
214365_at	7.45x10 ⁻³	-2.46	TPM3	tropomyosin 3

211276_at	3.32x10 ⁻⁵	-2.47	TCEAL2	transcription elongation factor A like 2
221796_at	1.22x10 ⁻⁴	-2.48	NTRK2	neurotrophic receptor tyrosine kinase 2
1552367_a_at	9.51x10 ⁻⁴	-2.48	SCIN	scinderin
201525_at	1.24x10 ⁻³	-2.51	APOD	apolipoprotein D
224918_x_at	8.46x10 ⁻⁴	-2.51	MGST1	microsomal glutathione S-transferase 1
204719_at	5.88x10 ⁻⁴	-2.53	ABCA8	ATP binding cassette subfamily A member 8
1565162_s_at	1.65x10 ⁻³	-2.54	MGST1	microsomal glutathione S-transferase 1
231736_x_at	1.27x10 ⁻³	-2.56	MGST1	microsomal glutathione S-transferase 1
212224_at	1.78x10 ⁻³	-2.56	ALDH1A1	aldehyde dehydrogenase 1 family member A1
205388_at	1.68x10 ⁻²	-2.59	TNNC2	troponin C2 fast skeletal type
227826_s_at	4.53x10 ⁻⁵	-2.59	SORBS2	sorbin and SH3 domain containing 2
204631_at	2.06x10 ⁻²	-2.60	MYH2	myosin heavy chain 2
219645_at	1.80x10 ⁻³	-2.61	CASQ1	calsequestrin 1
205913_at	6.30x10 ⁻³	-2.62	PLIN1	perilipin 1
232136_s_at	3.72x10 ⁻⁴	-2.62	CTTNBP2	cortactin binding protein 2
232054_at	8.80x10 ⁻⁵	-2.62	LOC101926951	uncharacterized LOC101926951
209466_x_at	1.43x10 ⁻⁴	-2.64	PTN	pleiotrophin
220065_at	6.65x10 ⁻⁴	-2.66	TNMD	tenomodulin
231145_at	6.06x10 ⁻³	-2.68	PAX9	paired box 9
205577_at	1.01x10 ⁻³	-2.68	PYGM	phosphorylase glycogen muscle
239921_at	7.23x10 ⁻⁴	-2.71	COL28A1	collagen type XXVIII α 1 chain
204737_s_at	4.16x10 ⁻³	-2.71	MYH7	Myosinheavy chain 7 cardiac muscle β
244056_at	4.68x10 ⁻³	-2.73	SFTA2	surfactant associated 2
235849_at	2.64x10 ⁻⁵	-2.74	SCARA5	scavenger receptor class A member 5
209612_s_at	3.81x10 ⁻³	-2.77	ADH1B	alcohol dehydrogenase 1B (class I) β polypeptide
208383_s_at	1.46x10 ⁻²	-2.78	PCK1	phosphoenolpyruvate carboxykinase 1
205382_s_at	1.81x10 ⁻⁴	-2.79	CFD	complement factor D
205337_at	1.60x10 ⁻²	-2.80	DCT	dopachrome tautomerase
235981_at	2.67x10 ⁻³	-2.83	C8orf22	chromosome 8 open reading frame 22
205478_at	1.53x10 ⁻³	-2.84	PPP1R1A	protein phosphatase 1 regulatory inhibitor subunit 1A
1553212_at	1.35x10 ⁻²	-2.85	KRT78	keratin 78

229839_at	1.43x10 ⁻⁴	-2.86	SCARA5	scavenger receptor class A member 5
1552463_at	6.09x10 ⁻³	-2.89	SERPINB11	serpin family B member 11 (gene)
209560_s_at	2.08x10 ⁻³	-2.91	DLK1	δlike non-canonical Notch ligand 1
1557321_a_at	1.50x10 ⁻²	-2.93	CAPN14	calpain 14
207175_at	5.93x10 ⁻³	-2.93	ADIPOQ	adiponectin C1Q and collagen domain containing
1553213_a_at	3.35x10 ⁻³	-2.95	KRT78	keratin 78
214621_at	3.84x10 ⁻³	-2.96	GYS2	glycogen synthase 2
210096_at	2.88x10 ⁻⁴	-3.00	CYP4B1	cytochrome P450 family 4 subfamily B member 1
1556698_a_at	4.48x10 ⁻³	-3.00	GPRIN3	GPRIN family member 3
205694_at	1.53x10 ⁻²	-3.01	TYRP1	tyrosinase related protein 1
205765_at	1.08x10 ⁻²	-3.02	CYP3A5	cytochrome P450 family 3 subfamily A member 5
205999_x_at	9.09x10 ⁻³	-3.07	CYP3A4	cytochrome P450 family 3 subfamily A member 4
1566402_at	3.05x10 ⁻³	-3.11	SNORA68	small nucleolar RNA H
206605_at	2.97x10 ⁻³	-3.11	ENDOU	endonuclease poly(U) specific
214235_at	4.27x10 ⁻³	-3.14	CYP3A5	cytochrome P450 family 3 subfamily A member 5
1552365_at	7.13x10 ⁻⁴	-3.18	SCIN	scinderin
204754_at	1.25x10 ⁻⁵	-3.23	HLF	HLF PAR bZIP transcription factor
211737_x_at	1.10x10 ⁻⁴	-3.23	PTN	pleiotrophin
214234_s_at	5.98x10 ⁻³	-3.25	CYP3A5	cytochrome P450 family 3 subfamily A member 5
203824_at	3.43x10 ⁻⁴	-3.30	TSPAN8	tetraspanin 8
209613_s_at	9.39x10 ⁻⁴	-3.42	ADH1B	alcohol dehydrogenase 1B (class I) βpolypeptide
204712_at	2.36x10 ⁻²	-3.51	WIF1	WNT inhibitory factor 1
209465_x_at	1.81x10 ⁻⁴	-3.52	PTN	pleiotrophin
204865_at	3.14x10 ⁻³	-3.55	CA3	carbonic anhydrase 3
207206_s_at	6.15x10 ⁻³	-3.60	ALOX12	arachidonate 12-lipoxygenase 12S type
227194_at	1.74x10 ⁻³	-3.76	FAM3B	family with sequence similarity 3 member B
206004_at	8.61x10 ⁻³	-3.78	TGM3	transglutaminase 3
219554_at	1.43x10 ⁻²	-3.79	RHCG	Rh family C glycoprotein
220090_at	1.28x10 ⁻²	-3.98	CRNN	cornulin
204777_s_at	9.01x10 ⁻³	-3.99	MAL	mal T-cell differentiation protein
1560712_at	2.84x10 ⁻³	-4.89	TMPRSS11B	transmembrane protease serine 11B

207802_at

7.16x10⁻³

-4.92

CRISP3

cysteine rich secretory protein 3

FC, fold-change.