

Supplementary Table 1. Transcriptome data of GeneChip® Human Genome U133Plus2.0 Array (Affymetrix)

Transcript Cluster ID(Affymetrix)	Fold Change	ANOVA p-value (NoAF vs. AF)	FDR p-value (NoAF vs. AF)	Gene Symbol	Description
235622_at	-9.64	0.000027	0.433878		
231275_at	-2.6	0.000028	0.433878	LINC00982	long intergenic non-protein coding RNA 982
1552674_at	-5.43	0.000033	0.433878	DIRC1	disrupted in renal carcinoma 1
213819_s_at	4.51	0.000046	0.433878	FLOT1	flotillin 1
1563027_at	-9.41	0.000051	0.433878	LOC101927406	uncharacterized LOC101927406
1565733_at	-6.12	0.000059	0.433878		
240223_at	-3.62	0.000064	0.433878	SLC2A9	solute carrier family 2 (facilitated glucose transporter), member 9
224114_at	6.98	0.000137	0.652373		
237662_at	-9.38	0.00015	0.652373	SPATA19	spermatogenesis associated 19
214907_at	-3.39	0.000156	0.652373	CEACAM21	carcinoembryonic antigen-related cell adhesion molecule 21
1569936_a_at	-2.15	0.000163	0.652373	ZNF664	zinc finger protein 664
215686_x_at	-7.67	0.000182	0.664338	TFAP2B	transcription factor AP-2 beta (activating enhancer binding protein 2 beta)
1569064_at	-4.62	0.000204	0.68069	C15orf62	chromosome 15 open reading frame 62
216808_at	-4.57	0.000218	0.68069	MIR622	microRNA 622
239125_at	-3.79	0.000256	0.68069	SLC25A5-AS1	SLC25A5 antisense RNA 1

1553934_at	-10.51	0.000274	0.68069	LINC00305	long intergenic non-protein coding RNA 305
216825_s_at	-4.58	0.000301	0.715214	MPL	MPL proto-oncogene, thrombopoietin receptor
233789_at	-11.44	0.000315	0.717205		
242500_at	-2.28	0.000374	0.786258		
241486_at	-5.08	0.000407	0.811585		
1560491_at	-17.88	0.000457	0.811585	LOC102546299	uncharacterized LOC102546299
1561519_at	-16.83	0.000522	0.811585	LOC101927346	uncharacterized LOC101927346
1569580_a_at	-9.04	0.000522	0.811585		
244005_at	-2.66	0.000593	0.811585		
206699_x_at	-7.43	0.000601	0.811585	NPAS1	neuronal PAS domain protein 1
229152_at	-6.69	0.000609	0.811585	FDCSP	follicular dendritic cell secreted protein
1556166_x_at	-15.27	0.000615	0.811585	LOC100505727	uncharacterized LOC100505727
1556529_a_at	-6.19	0.000616	0.811585	LINC00692	long intergenic non-protein coding RNA 692
1553089_a_at	-4.87	0.000656	0.811585	WFDC2	WAP four-disulfide core domain 2
1560698_a_at	4.72	0.00067	0.811585	TRHDE-AS1	TRHDE antisense RNA 1
235724_at	-4.06	0.000805	0.811585	ACSS1	acyl-CoA synthetase short-chain family member 1
211500_at	-5.32	0.000911	0.811585	MAPK11	mitogen-activated protein kinase 11
1570284_x_at	-14.9	0.000926	0.811585		

1558481_s_at	-3.99	0.000957	0.811585	TMCC1-AS1	TMCC1 antisense RNA 1 (head to head)
205605_at	-5.59	0.000977	0.811585	HOXD9	homeobox D9
215117_at	-7.09	0.000998	0.811585	RAG2	recombination activating gene 2
234308_at	-4.44	0.001043	0.811585	TUBGCP6	tubulin, gamma complex associated protein 6
221183_at	-3.37	0.001081	0.811585	LOC100507388	uncharacterized LOC100507388
204579_at	3.27	0.001084	0.811585	FGFR4	fibroblast growth factor receptor 4
235568_at	-2.82	0.001109	0.811585	MCEMP1	mast cell-expressed membrane protein 1
238159_at	-3.13	0.001136	0.811585		
1558832_at	-5.69	0.001143	0.811585	SLC2A1-AS1	SLC2A1 antisense RNA 1
242197_x_at	-2.26	0.001157	0.811585	CD36	CD36 molecule (thrombospondin receptor)
217108_at	-2.9	0.001282	0.811585		
243122_at	-6.94	0.001392	0.811585	LOC729658	uncharacterized LOC729658
203134_at	-3	0.001406	0.811585	PICALM	phosphatidylinositol binding clathrin assembly protein
227642_at	-4.8	0.001408	0.811585	TFCP2L1	transcription factor CP2-like 1
242535_at	-2.06	0.001425	0.811585		
239627_at	-4.86	0.00143	0.811585		
215943_at	-6.71	0.001472	0.811585	KIAA1661	KIAA1661 protein
1569768_at	-6.27	0.001483	0.811585		

208603_s_at	-2.08	0.001527	0.811585	MAPK8IP2	mitogen-activated protein kinase 8 interacting protein 2
1552751_a_at	-3.9	0.001555	0.811585	CIB3	calcium and integrin binding family member 3
232828_at	-3.11	0.001564	0.811585	NALCN-AS1	NALCN antisense RNA 1
208574_at	-3.51	0.001565	0.811585	SOX14	SRY (sex determining region Y)-box 14
235218_x_at	-2.16	0.001587	0.811585	THAP6	THAP domain containing 6
237011_at	-7.34	0.001683	0.811585	LINC01128	long intergenic non-protein coding RNA 1128
220444_at	2.87	0.0017	0.811585	ZNF557	zinc finger protein 557
1564552_at	-2.51	0.001735	0.811585	RP11-678G15.1	
229229_at	-5.15	0.001737	0.811585	AGXT2	alanine--glyoxylate aminotransferase 2
209483_s_at	-2.1	0.001739	0.811585	NSL1	NSL1, MIS12 kinetochore complex component
223848_at	-6.01	0.001761	0.811585	LOC100129198	PRO2866
1560517_s_at	-6.44	0.001782	0.811585	LOC101928781	uncharacterized LOC101928781
242104_at	-6.55	0.001828	0.811585		
1569172_a_at	-2.13	0.001866	0.811585	LOC402160	uncharacterized LOC402160
1564287_at	-4.55	0.001885	0.811585	LINC00410	long intergenic non-protein coding RNA 410
241935_at	-2.01	0.001901	0.811585	SHROOM1	shroom family member 1
217343_at	-9.85	0.001904	0.811585	RP6-149D17.1	

1560895_at	-4.53	0.001971	0.811585	LOC645188	uncharacterized LOC645188
230423_at	-2.7	0.001985	0.811585	FOXD3-AS1	FOXD3 antisense RNA 1 (head to head)
236063_at	-3.12	0.001998	0.811585		
205749_at	-6.42	0.002001	0.811585	CYP1A1	cytochrome P450, family 1, subfamily A, polypeptide 1
224387_at	2.02	0.002037	0.811585	COMMD5	COMM domain containing 5
1553009_s_at	-2.15	0.002056	0.811585	REXO1L1P	REX1, RNA exonuclease 1 homolog (S. cerevisiae)-like 1, pseudogene
1553041_at	-4.17	0.002093	0.811585	HTR3C	5-hydroxytryptamine (serotonin) receptor 3C, ionotropic
234607_at	-2.68	0.00212	0.811585	ARRDC1	arrestin domain containing 1
1570267_at	-2.11	0.002146	0.811585	CTD-2534I21.8	
236943_at	-2.42	0.002147	0.811585		
1570138_at	-3.88	0.002152	0.811585	LOC101926916	uncharacterized LOC101926916
236519_at	-3.98	0.002206	0.811585	C9orf135	chromosome 9 open reading frame 135
1569426_at	5.97	0.002275	0.811585	LOC100996342	uncharacterized LOC100996342
1555509_a_at	-4.55	0.002313	0.811585	SLC25A41	solute carrier family 25, member 41
235656_s_at	-2.01	0.002322	0.811585		
1563112_at	-2.76	0.002336	0.811585	BC039686	Homo sapiens, clone IMAGE:5242075, mRNA.

219814_at	-2.22	0.002343	0.811585	MBNL3	muscleblind-like splicing regulator 3
1564351_at	-13.81	0.00237	0.811585	RP11-52A20.2	
211903_s_at	-6.15	0.002378	0.811585	MPL	MPL proto-oncogene, thrombopoietin receptor
239488_at	13.74	0.002409	0.811585	PPM1L	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent, 1L
244281_at	-3.32	0.002411	0.811585	REXO1	REX1, RNA exonuclease 1 homolog (S. cerevisiae)
1559568_at	-2.28	0.002423	0.811585		
220598_at	-2.19	0.002498	0.811585	CARD14	caspase recruitment domain family, member 14
214974_x_at	-3.38	0.00251	0.811585	CXCL5	chemokine (C-X-C motif) ligand 5
1566694_at	-17.15	0.002512	0.811585		
237769_at	-5.86	0.002543	0.811585		
239934_x_at	-6	0.002549	0.811585		
1553064_at	-2.24	0.002558	0.811585	H1FOO	H1 histone family, member O, oocyte-specific
216956_s_at	-2.94	0.002558	0.811585	ITGA2B	integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)
233188_at	-2.03	0.002578	0.811585	GALNT18	polypeptide N-acetylgalactosaminyltransferase 18

241190_at	-2.23	0.002582	0.811585		
208041_at	-6.97	0.002589	0.811585	GRK1	G protein-coupled receptor kinase 1
203399_x_at	-11.58	0.002594	0.811585	PSG11; PSG3	pregnancy specific beta-1-glycoprotein 11; pregnancy specific beta-1-glycoprotein 3
209775_x_at	-3.32	0.002663	0.811585	SLC19A1	solute carrier family 19 (folate transporter), member 1
208428_at	2.89	0.002674	0.811585	TAP2	transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)
1562524_at	-3.38	0.00273	0.811585	LOC101929196	uncharacterized LOC101929196
1552596_at	-5.4	0.002782	0.811585	GAS2L2	growth arrest-specific 2 like 2
239221_at	-6.73	0.002798	0.811585	GPR123	G protein-coupled receptor 123
237328_at	-3.94	0.002816	0.811585	C14orf105	chromosome 14 open reading frame 105
229963_at	2.02	0.002825	0.811585	BEX5	brain expressed, X-linked 5
1553519_at	-6.19	0.002852	0.811585	LINC00314	long intergenic non-protein coding RNA 314
227841_at	4.94	0.00293	0.811585	AMDHD2; CEMP1	amidohydrolase domain containing 2; cementum protein 1
242694_at	-6.93	0.002934	0.811585	IQSEC3	IQ motif and Sec7 domain 3
208208_at	-2.01	0.002984	0.811585	MYH13	myosin, heavy chain 13, skeletal muscle

206237_s_at	10.03	0.002993	0.811585	NRG1	neuregulin 1
232818_at	-2.21	0.003014	0.811585		
238019_at	-3.16	0.003052	0.811585	PLIN5	perilipin 5
1555513_at	-14.83	0.003084	0.811585	PIAS2	protein inhibitor of activated STAT, 2
242105_at	-2.92	0.003091	0.811585	CCNE1	cyclin E1
211242_x_at	-9.98	0.003105	0.811585	KIR2DL4	killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 4
239589_at	5.34	0.003112	0.811585		
240213_at	-5	0.003148	0.811585		
1566622_at	-2.85	0.00315	0.811585		
241134_at	-2.56	0.003155	0.811585		
234451_at	-6.03	0.003158	0.811585	DKKL1P1	dickkopf-like 1 pseudogene 1
238062_at	-2.46	0.003214	0.811585	GPIHBP1	glycosylphosphatidylinositol anchored high density lipoprotein binding protein 1
222773_s_at	4.53	0.00322	0.811585	GALNT12	polypeptide N-acetylgalactosaminyltransferase 12
1558930_at	-3.28	0.003225	0.811585	LINC00460	long intergenic non-protein coding RNA 460
207137_at	-3.14	0.003232	0.811585	TONSL	tonsoku-like, DNA repair protein
220678_at	-2.42	0.003236	0.811585	FLJ20712	uncharacterized FLJ20712

219224_x_at	2.59	0.003259	0.811585	ZNF408	zinc finger protein 408
241673_x_at	5.73	0.003279	0.811585		
215687_x_at	-2.18	0.003301	0.811585	PLCB1	phospholipase C, beta 1 (phosphoinositide-specific)
220848_x_at	-2.45	0.003352	0.811585	OBP2A	odorant binding protein 2A
1563802_at	-4.8	0.003426	0.811585	LINC01226	long intergenic non-protein coding RNA 1226
1558177_at	-6.94	0.003429	0.811585	TMEM229B	transmembrane protein 229B
1570065_at	-2.67	0.003465	0.811585	C22orf34	chromosome 22 open reading frame 34
234184_at	-3.41	0.003545	0.811585		
1560513_at	-3.36	0.003629	0.811585	LOC400568	uncharacterized LOC400568
208429_x_at	-3.13	0.003673	0.811585	HNF4A	hepatocyte nuclear factor 4, alpha
1561391_at	-3.46	0.003719	0.811585	STAU2-AS1	STAU2 antisense RNA 1
1565000_a_at	-2.39	0.003736	0.811585	TCP11L2	t-complex 11, testis-specific-like 2
242948_x_at	-9.38	0.003779	0.811585		
1556413_a_at	-3.8	0.003842	0.811585		
1561373_at	-6.49	0.003856	0.811585	PACRG-AS1	PACRG antisense RNA 1
207368_at	-4.96	0.003866	0.811585	HTR1D	5-hydroxytryptamine (serotonin) receptor 1D, G protein-coupled
1553564_at	-2.05	0.003881	0.811585	MACROD2	MACRO domain containing 2
1561060_at	-7.92	0.003945	0.811585	LOC101929752	uncharacterized LOC101929752

234332_at	-2.02	0.003951	0.811585	NUB1	negative regulator of ubiquitin-like proteins 1
1558448_a_at	-2.07	0.003952	0.811585	BC032415	Homo sapiens cDNA FLJ35687 fis, clone SPLEN2019349.
238939_at	-2.21	0.004015	0.811585	ADD1	adducin 1 (alpha)
210511_s_at	3.86	0.004016	0.811585	INHBA	inhibin, beta A
220930_s_at	-10.41	0.004048	0.811585	SMIM2	small integral membrane protein 2
237645_at	-3.1	0.004051	0.811585	RP11-413B19.2	
235778_s_at	5.84	0.004066	0.811585	ANKRD44	ankyrin repeat domain 44
237063_at	-6.57	0.004126	0.811585	RP11-44F14.8	
231622_at	-8.04	0.004221	0.811585	ASB17	ankyrin repeat and SOCS box containing 17
219187_at	2.88	0.004224	0.811585	FKBPL	FK506 binding protein like
240049_at	-8.52	0.004292	0.811585	RP13-39P12.3	
215967_s_at	5.49	0.004348	0.811585	LY9	lymphocyte antigen 9
244710_at	-2.87	0.00435	0.811585	LRGUK	leucine-rich repeats and guanylate kinase domain containing
1563013_at	-4.71	0.00436	0.811585	LOC646522	uncharacterized LOC646522
234855_at	-3.74	0.004403	0.811585	ORF1	uncharacterized protein, clone pT-Adv JuaX22
240814_at	-4.84	0.004445	0.811585	MGC39584	uncharacterized LOC441058

1563127_at	-15.62	0.004446	0.811585	LINC01428	long intergenic non-protein coding RNA 1428
215484_at	-3.21	0.004464	0.811585		
235583_at	-3.84	0.00447	0.811585	ILDR1	immunoglobulin-like domain containing receptor 1
205756_s_at	-2.32	0.004522	0.811585	F8	coagulation factor VIII, procoagulant component
1564379_at	-4.07	0.004546	0.811585		
1560107_at	-6.96	0.00457	0.811585		
232766_at	-9.91	0.004591	0.811585	BANF2	barrier to autointegration factor 2
243148_at	-3.02	0.004592	0.811585		
215585_at	-2.17	0.004603	0.811585		
244649_at	-6.1	0.004626	0.811585	LOC646484	uncharacterized LOC646484
1560178_at	-3	0.004628	0.811585		
219465_at	-9.9	0.004643	0.811585	APOA2	apolipoprotein A-II
227228_s_at	-2.02	0.004646	0.811585	CCDC88C	coiled-coil domain containing 88C
237273_at	-9	0.004663	0.811585	KCNU1	potassium channel, subfamily U, member 1
1565740_at	-8.7	0.004675	0.811585		
1566689_at	-4.31	0.004723	0.811585	RP11-157B13.7	
239156_at	-2.92	0.004747	0.811585		
1553556_at	-8.51	0.004765	0.811585	TAS2R40	taste receptor, type 2, member 40

211276_at	3.43	0.004815	0.811585	TCEAL2	transcription elongation factor A (SII)-like 2
236137_at	-8.3	0.004817	0.811585		
215106_at	-2.5	0.004831	0.811585	TTC22	tetratricopeptide repeat domain 22
1559235_a_at	-2.1	0.004844	0.811585		
229093_at	-2.09	0.004949	0.811585	NOS3	nitric oxide synthase 3 (endothelial cell)
215149_at	-3.21	0.004964	0.811585	AJAP1	adherens junctions associated protein 1
221106_at	-2.62	0.004983	0.811585	SLC22A17	solute carrier family 22, member 17
207028_at	-2.58	0.00499	0.811585	MYCNOS	MYCN opposite strand
210562_at	-2.19	0.005023	0.811585	GREB1	growth regulation by estrogen in breast cancer 1
1554923_at	2.55	0.005046	0.811585	ANKS6	ankyrin repeat and sterile alpha motif domain containing 6
229985_at	-3.73	0.00519	0.811585	BTNL9	butyrophilin-like 9
238163_at	5.17	0.005191	0.811585	LOC102725343	uncharacterized LOC102725343
220152_at	-2.31	0.00521	0.811585	C10orf95	chromosome 10 open reading frame 95
241162_at	4.59	0.005218	0.811585		
231589_at	-5.32	0.005223	0.811585	LOC101928917	heat shock transcription factor, X-linked-like

206817_x_at	-5.34	0.00523	0.811585	CELF3	CUGBP, Elav-like family member 3
241121_at	-5.74	0.005243	0.811585		
235485_at	-4.7	0.005252	0.811585	WDR44	WD repeat domain 44
240465_at	-4.84	0.005255	0.811585	C4orf32	chromosome 4 open reading frame 32
1553062_at	-2.56	0.00526	0.811585	MOGAT1	monoacylglycerol O-acyltransferase 1
240998_at	-3.9	0.005275	0.811585		
231701_s_at	-5.03	0.005332	0.811585	SHMT1	serine hydroxymethyltransferase 1 (soluble)
224141_at	-3.38	0.005334	0.811585	FLJ38668	uncharacterized LOC644903
216687_x_at	-4.12	0.005345	0.811585	UGT2B15	UDP glucuronosyltransferase 2 family, polypeptide B15
238226_at	-6.39	0.005363	0.811585	TMEM255B	transmembrane protein 255B
240886_at	-6.44	0.005374	0.811585	CASR	calcium-sensing receptor
217462_at	-5.15	0.005381	0.811585	MYRF	myelin regulatory factor
207569_at	-2.22	0.005447	0.811585	ROS1	ROS proto-oncogene 1 , receptor tyrosine kinase
237940_s_at	-2.41	0.005456	0.811585		
206526_at	-2.61	0.005478	0.811585	RIBC2	RIB43A domain with coiled-coils 2
213192_at	2.03	0.005522	0.811585	THAP3	THAP domain containing, apoptosis associated protein 3

241216_at	-2.38	0.005525	0.811585		
240347_at	-3.29	0.00554	0.811585		
1565650_at	-4.72	0.005569	0.811585		
1554491_a_at	-13.77	0.005609	0.811585	SERPINC1	serpin peptidase inhibitor, clade C (antithrombin), member 1
240363_at	-2.04	0.005641	0.811585	ANK1	ankyrin 1, erythrocytic
233908_x_at	-2.33	0.005659	0.811585		
239994_at	-5.11	0.00567	0.811585	B3GALT5	UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 5
207745_at	-2.51	0.005705	0.811585	CABP2	calcium binding protein 2
229172_at	-2.04	0.005708	0.811585	HSPA12B	heat shock 70kD protein 12B
216196_at	-2.18	0.005708	0.811585	HERC2P5; HERC2F	hect domain and RLD 2 pseudogene 5; hect domain and RLD 2 pseudogene 8
239617_at	-2.1	0.005746	0.811585	GHRLOS	ghrelin opposite strand/antisense RNA
1559926_at	-2.82	0.005809	0.811585	LOC728353	uncharacterized LOC728353
227147_s_at	-2.99	0.00581	0.811585	EGLN2	egl-9 family hypoxia-inducible factor 2
1556405_s_at	-8.38	0.00585	0.811585	LOC374890	uncharacterized LOC374890
243220_at	-2.37	0.005899	0.811585		
221199_at	-2.53	0.005921	0.811585	GFRA4	GDNF family receptor alpha 4
222949_at	-2.69	0.006002	0.811585	NXF3	nuclear RNA export factor 3

234667_at	-2.12	0.006007	0.811585		
216462_at	-8.22	0.006025	0.811585		
1563154_at	-6.07	0.006045	0.811585		
1568635_at	-6.63	0.006113	0.811585	LINC00354	long intergenic non-protein coding RNA 354
1554714_at	-2.01	0.006126	0.811585	RELL1	RELT-like 1
237219_at	-9.49	0.006128	0.811585	LOC101928259	uncharacterized LOC101928259
242340_at	3.56	0.006133	0.811585	RP1-78O14.1	
1559324_at	-6.25	0.00615	0.811585	BC019672; USP32P	Homo sapiens, clone IMAGE:4938453, mRNA.; ubiquitin specific peptidase 32 pseudogene 2
231771_at	-3.26	0.006208	0.811585	GJB6	gap junction protein, beta 6, 30kDa
234047_at	-2.08	0.006209	0.811585		
215559_at	6.27	0.006219	0.811585	ABCC6; LOC101930	ATP-binding cassette, sub-family C (CFTR/MRP), member 6; multidrug resistance-associated protein 6-like
1570116_at	-7.95	0.00623	0.811585	AC079807.4	
227876_at	-4.15	0.006236	0.811585	ARHGAP39	Rho GTPase activating protein 39
210226_at	-5.61	0.00628	0.811585	NR4A1	nuclear receptor subfamily 4, group A, member 1
1570181_a_at	-7.01	0.00632	0.811585		

237590_at	-3.01	0.006323	0.811585		
1553176_at	-5.74	0.006371	0.811585	SH2D1B	SH2 domain containing 1B
219472_at	-2.14	0.006415	0.811585	CENPO	centromere protein O
242179_s_at	-2.32	0.006416	0.811585	TSPAN16	tetraspanin 16
241507_x_at	-4.6	0.006431	0.811585		
208202_s_at	5.71	0.00644	0.811585	JADE2	jade family PHD finger 2
1553654_at	-2.35	0.006453	0.811585	SYT14	synaptotagmin XIV
234085_at	-10.56	0.006456	0.811585	CCDC169	coiled-coil domain containing 169
222560_at	-4.11	0.006553	0.811585	LANCL2	LanC lantibiotic synthetase component C-like 2 (bacterial)
1561407_at	-11	0.006576	0.811585	ARAP2; LOC101928	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 2; uncharacterized LOC101928667
1567100_at	-4.65	0.006586	0.811585		
220895_at	-4.14	0.006588	0.811585	USP29	ubiquitin specific peptidase 29
231537_at	-2.28	0.006599	0.811585		
1561039_a_at	5.55	0.00661	0.811585	ZNF81	zinc finger protein 81
205493_s_at	-6.4	0.006673	0.811585	DPYSL4	dihydropyrimidinase-like 4
242185_at	-4.33	0.006687	0.811585	AC025442.3	
1552526_at	2.58	0.006703	0.811585	FAM71C	family with sequence similarity 71, member C
232314_at	-4.27	0.006714	0.811585	MTFR1	mitochondrial fission regulator 1
1556778_at	-11.04	0.006718	0.811585		

1565325_at	-4.86	0.006759	0.811585	MATR3; SNHG4	matrin 3; small nucleolar RNA host gene 4 (non-protein coding)
1559036_at	-6.28	0.006797	0.811585	C4A; C4B; C4B_2	complement component 4A (Rodgers blood group); complement component 4B (Chido blood group); complement component 4B (Chido blood group), copy 2
1569782_at	-2.52	0.006811	0.811585	LOC101929116	uncharacterized LOC101929116
1569712_at	-8.28	0.006816	0.811585	LOC101928052	uncharacterized LOC101928052
1557338_x_at	-2.19	0.006824	0.811585	SUCLG2-AS1	SUCLG2 antisense RNA 1 (head to head)
202977_s_at	5.64	0.006854	0.811585	CREBZF	CREB/ATF bZIP transcription factor
241791_at	-2.01	0.006862	0.811585	TTN	titin
244686_at	-2.85	0.006872	0.811585	TCOF1	Treacher Collins-Franceschetti syndrome 1
219912_s_at	-8.71	0.006905	0.811585		
237683_s_at	-3.81	0.006932	0.811585		
243965_at	-2.15	0.00694	0.811585		
206626_x_at	-2.62	0.006982	0.811585	SSX1	synovial sarcoma, X breakpoint 1
231680_at	-10.64	0.007009	0.811585		
1568615_a_at	-2.18	0.007011	0.811585	SRD5A3-AS1	SRD5A3 antisense RNA 1
228956_at	-2.77	0.007012	0.811585	UGT8	UDP glycosyltransferase 8

1553822_at	-6.09	0.00702	0.811585	RTP1	receptor (chemosensory) transporter protein 1
211201_at	-2.01	0.007038	0.811585	FSHR	follicle stimulating hormone receptor
207927_at	-9.68	0.007047	0.811585	HTR7	5-hydroxytryptamine (serotonin) receptor 7, adenylate cyclase-coupled
1554871_at	-5.39	0.007057	0.811585		
240541_at	-13.87	0.007066	0.811585		
228868_x_at	-3.36	0.00713	0.811585	CDT1	chromatin licensing and DNA replication factor 1
213870_at	3.04	0.007145	0.811585	COL11A2	collagen, type XI, alpha 2
242543_at	-2.04	0.00715	0.811585	LOC101928082; SH	uncharacterized LOC101928082; SH2 domain containing 6
224087_at	-2.18	0.007178	0.811585		
231524_at	-6.29	0.007203	0.811585	KCNAB1	potassium voltage-gated channel, shaker-related subfamily, beta member 1
234510_at	-4.49	0.007224	0.811585		
214284_s_at	-2.54	0.007265	0.811585	FGF18	fibroblast growth factor 18
231309_at	-6.36	0.007275	0.811585		
1566165_at	-2.62	0.007323	0.811585		
1557352_at	2.06	0.007339	0.811585	SQLE	squalene epoxidase
1557593_at	-2.19	0.00738	0.811585	WDR3	WD repeat domain 3

234379_at	-4.61	0.007462	0.811585	FLT4	fms-related tyrosine kinase 4
214452_at	2.97	0.007468	0.811585	BCAT1	branched chain amino-acid transaminase 1, cytosolic
243107_at	-5.91	0.007518	0.811585		
215337_at	-2.94	0.007554	0.811585	MED24	mediator complex subunit 24
236770_at	3.24	0.00756	0.811585	TPTE2P5	transmembrane phosphoinositide 3-phosphatase and tensin homolog 2 pseudogene 5
219850_s_at	-4.29	0.007569	0.811585	EHF	ets homologous factor
1570430_at	-5.14	0.007569	0.811585		
244244_at	-2.07	0.007582	0.811585	CD300LG	CD300 molecule-like family member g
243674_at	-6.13	0.007628	0.811585	LOC102723678; LOC102723709	uncharacterized LOC102723678; uncharacterized LOC102723709
215782_at	4.97	0.007645	0.811585	RAB40AL	RAB40A, member RAS oncogene family-like
207459_x_at	3.93	0.007726	0.811585	GYPB	glycophorin B (MNS blood group)
1557790_at	-3.23	0.007777	0.811585	JRKL	JRK-like
243873_at	-2.43	0.007777	0.811585	LOC101929459	uncharacterized LOC101929459
215531_s_at	-5.48	0.007842	0.811585	GABRA5	gamma-aminobutyric acid (GABA) A receptor, alpha 5
1566734_at	-2.23	0.007857	0.811585	LOC283454	uncharacterized LOC283454
240657_at	-6.37	0.00791	0.811585		

217121_at	-4.1	0.007926	0.811585	TNKS	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase
207952_at	-2.01	0.007932	0.811585	IL5	interleukin 5
1553239_at	2.06	0.007971	0.811585	FAM124A	family with sequence similarity 124A
1561310_at	-2.23	0.00802	0.811585		
203976_s_at	3.12	0.008065	0.811585	CHAF1A	chromatin assembly factor 1, subunit A (p150)
221732_at	2.01	0.008105	0.811585	CANT1	calcium activated nucleotidase 1
243246_at	-2.61	0.008149	0.811585		
1563026_at	-8.05	0.008155	0.811585		
210992_x_at	4.03	0.008215	0.811585	FCGR2C	Fc fragment of IgG, low affinity IIc, receptor for (CD32) (gene/pseudogene)
224310_s_at	-5.72	0.008255	0.811585	BCL11B	B-cell CLL/lymphoma 11B (zinc finger protein)
234847_at	-8.31	0.008267	0.811585	LINC00309	long intergenic non-protein coding RNA 309
1565673_at	-14.64	0.008318	0.811585	FCGR2A	Fc fragment of IgG, low affinity IIa, receptor (CD32)
240243_at	-2.5	0.008327	0.811585		
203784_s_at	6.26	0.008344	0.811585	DDX28	DEAD (Asp-Glu-Ala-Asp) box polypeptide 28

244099_at	-7.54	0.008346	0.811585	CACNG2	calcium channel, voltage-dependent, gamma subunit 2
1560753_at	-2.12	0.008351	0.811585	RP11-215E13.2	
223762_at	2.27	0.008351	0.811585	TMOD4; VPS72	tropomodulin 4 (muscle); vacuolar protein sorting 72 homolog (S. cerevisiae)
234927_s_at	-2.39	0.008369	0.811585	MAGIX	MAGI family member, X-linked
208162_s_at	-2.62	0.008384	0.811585		
229971_at	-3.41	0.008404	0.811585	GPR114	G protein-coupled receptor 114
241310_at	-2.33	0.008408	0.811585	NEK5	NIMA-related kinase 5
234368_at	-3.89	0.008412	0.811585	RP5-1189K21.2	
216052_x_at	-3.35	0.008481	0.811585	ARTN	artemin
239428_at	-4.6	0.008492	0.811585		
238704_at	2.89	0.008506	0.811585	RP11-498C9.15	
235361_at	-2.22	0.00861	0.811585	STAMPB	STAM binding protein
215110_at	-2.89	0.008622	0.811585	LOC100288974; M	BMS1 homolog, ribosome assembly protein (yeast) pseudogene; mannose-binding lectin (protein A) 1, pseudogene
216228_s_at	-2.37	0.008637	0.811585	WDHD1	WD repeat and HMG-box DNA binding protein 1
1553652_a_at	-14.58	0.008682	0.811585	C18orf54	chromosome 18 open reading frame 54
1555257_a_at	-7.71	0.008684	0.811585	MYO3B	myosin IIIB

1558120_at	-2.29	0.008732	0.811585	DDX3X	DEAD (Asp-Glu-Ala-Asp) box helicase 3, X-linked
220106_at	-3.99	0.00875	0.811585	NPC1L1	NPC1-like 1
1559996_s_at	-2.63	0.008757	0.811585	SAMD14	sterile alpha motif domain containing 14
1562970_at	-4.09	0.008809	0.811585		
244880_at	-3.68	0.008813	0.811585	RP11-1260E13.2	
239495_at	-2.66	0.008821	0.811585		
236272_at	-3.13	0.008842	0.811585	UNC119B	unc-119 homolog B (C. elegans)
1570115_at	-2.76	0.0089	0.811585	PP12708	uncharacterized LOC100130609
214417_s_at	-2.37	0.00895	0.811585		
228344_s_at	-5.49	0.009131	0.811585	TBX3	T-box 3
227903_x_at	2.19	0.009134	0.811585	TPGS1	tubulin polyglutamylase complex subunit 1
1555788_a_at	-8.49	0.009145	0.811585	TRIB3	tribbles pseudokinase 3
231938_at	-2.45	0.009151	0.811585	SGOL1	shugoshin-like 1 (S. pombe)
211030_s_at	-2.72	0.009164	0.811585	SLC6A6	solute carrier family 6 (neurotransmitter transporter), member 6
216324_at	-2.46	0.009179	0.811585		
1552509_a_at	-3.2	0.009207	0.811585	CD300LG	CD300 molecule-like family member g
1557866_at	3.92	0.009208	0.811585	C9orf117	chromosome 9 open reading frame 117

1563223_a_at	-4.43	0.009214	0.811585	CENPI	centromere protein I
1564138_at	-3.22	0.00927	0.811585	FBXW12	F-box and WD repeat domain containing 12
230971_x_at	-3.66	0.009337	0.811585	GLTPD2	glycolipid transfer protein domain containing 2
206850_at	-2.82	0.009345	0.811585	RASL10A	RAS-like, family 10, member A
1561789_at	-2.51	0.009475	0.811585		
1552541_at	-2.66	0.009484	0.811585	TAGAP	T-cell activation RhoGTPase activating protein
1569738_at	-3.92	0.009513	0.811585	LOC101929631	uncharacterized LOC101929631
206641_at	5.61	0.009571	0.811585	TNFRSF17	tumor necrosis factor receptor superfamily, member 17
240016_at	-2.6	0.009626	0.811585		
205182_s_at	2.96	0.009629	0.811585	ZNF324	zinc finger protein 324
1564933_at	-8.56	0.009638	0.811585		
216728_at	-4.26	0.009655	0.811585		
210805_x_at	-3.53	0.009655	0.811585	LOC100506403; LOC101928269	uncharacterized LOC100506403; uncharacterized LOC101928269; runt-related transcription factor 1
236489_at	-2.51	0.009657	0.811585	GPR110	G protein-coupled receptor 110
1561431_at	-2.14	0.009672	0.811585	RP11-284F21.8	
1563106_at	-2.54	0.009685	0.811585		
208013_s_at	-5.64	0.009704	0.811585	ACRV1	acrosomal vesicle protein 1
240582_x_at	-6.73	0.009715	0.811585		

244056_at	-2.55	0.009718	0.811585	SFTA2	surfactant associated 2
215834_x_at	-2.96	0.009728	0.811585	SCARB1	scavenger receptor class B, member 1
1570359_at	-2.07	0.009761	0.811585	DDX3Y	DEAD (Asp-Glu-Ala-Asp) box helicase 3, Y-linked
1569756_at	-15.14	0.009796	0.811585	LOC101927292	uncharacterized LOC101927292
217290_at	-2.08	0.009816	0.811585	RP5-1170D6.1	
202949_s_at	-2.36	0.009836	0.811585	FHL2	four and a half LIM domains 2
1555546_a_at	-3.41	0.009906	0.811585	POFUT2	protein O-fucosyltransferase 2
219450_at	-2.23	0.009984	0.811585	C4orf19	chromosome 4 open reading frame 19
243536_x_at	-2.31	0.010021	0.811585	ARHGAP27	Rho GTPase activating protein 27
216706_x_at	-2.17	0.010092	0.811585	IGHD3-16; IGHG1;	immunoglobulin heavy diversity 3-16; immunoglobulin heavy constant gamma 1 (G1m marker); src kinase associated phosphoprotein 2
206997_s_at	-4.98	0.010134	0.811585	HS6ST1	heparan sulfate 6-O-sulfotransferase 1
231598_x_at	-5.86	0.010156	0.811585		
243146_at	-15.98	0.010167	0.811585		
223291_at	-2.26	0.010171	0.811585	MRPS15	mitochondrial ribosomal protein S15

242328_at	-3.8	0.010217	0.811585	RAB3C	RAB3C, member RAS oncogene family
1556884_a_at	-8.9	0.010244	0.811585	LINC00558	long intergenic non-protein coding RNA 558
222328_x_at	3.4	0.010246	0.811585		
1570234_at	-8.58	0.010259	0.811585	LOC101928559	uncharacterized LOC101928559
239931_at	-4.14	0.010325	0.811585		
215350_at	-2.35	0.010345	0.811585	SYNE1	spectrin repeat containing, nuclear envelope 1
1566786_at	-5.43	0.01038	0.811585		
217392_at	-2.36	0.010414	0.811585	RP3-452M16.1	
237852_at	-2.73	0.010472	0.811585		
1562828_at	-2.31	0.010485	0.811585		
239270_at	-2.06	0.010489	0.811585	PLCXD3	phosphatidylinositol-specific phospholipase C, X domain containing 3
232539_at	-5.1	0.01049	0.811585	SOCS2	suppressor of cytokine signaling 2
1553574_at	-3.58	0.010491	0.811585	IFNE	interferon, epsilon
230520_at	-2.41	0.010521	0.811585	AIG1	androgen-induced 1
1563341_at	3.9	0.01058	0.811585	LOC101927783	uncharacterized LOC101927783
220129_at	-4.74	0.01061	0.811585	CCDC169-SOHLH2	CCDC169-SOHLH2 readthrough; spermatogenesis and oogenesis specific basic helix-loop-helix 2
224251_at	-3.63	0.010615	0.811585	WDR96	WD repeat domain 96

222305_at	-2.98	0.010617	0.811585	HK2; RP11-259N19	hexokinase 2
239094_at	-2.31	0.010623	0.811585	LOC730961	uncharacterized LOC730961
237978_at	-10.65	0.010664	0.811585		
217000_at	-6.58	0.01068	0.811585	KRT18P50	keratin 18 pseudogene 50
217488_x_at	-2.42	0.010702	0.811585	PMS2P3	postmeiotic segregation increased 2 pseudogene 3
244318_at	-2.83	0.010748	0.811585		
1565799_at	-5.37	0.010759	0.811585	RAB3IP	RAB3A interacting protein
210577_at	-5.4	0.010794	0.811585	CASR	calcium-sensing receptor
228205_at	-2.35	0.010846	0.811585	TKT	transketolase
234236_at	-2.15	0.010909	0.811585	AMBRA1	autophagy/beclin-1 regulator 1
208295_x_at	-7.59	0.010911	0.811585	CSHL1	chorionic somatomammotropin hormone- like 1
244785_at	-14.26	0.010913	0.811585	CTD-2118P12.1	uncharacterized LOC101929660
217678_at	3.69	0.010966	0.811585	SLC7A11	solute carrier family 7 (anionic amino acid transporter light chain, xc- system), member 11
205722_s_at	2.32	0.010982	0.811585	GFRA2	GDNF family receptor alpha 2
207244_x_at	-3.88	0.010996	0.811585	CYP2A6	cytochrome P450, family 2, subfamily A, polypeptide 6
207591_s_at	-2.64	0.011067	0.811585	ARID1A	AT rich interactive domain 1A (SWI-like)
230420_at	-3.99	0.011085	0.811585	CASZ1	castor zinc finger 1

216351_x_at	-6.75	0.011136	0.811585	DAZ1; DAZ2; DAZ3	deleted in azoospermia 1; deleted in azoospermia 2; deleted in azoospermia 3; deleted in azoospermia 4
229108_at	-2.42	0.011142	0.811585		
229195_at	-2.32	0.01117	0.811585	MESP1	mesoderm posterior basic helix-loop-helix transcription factor 1
220366_at	-2.4	0.0112	0.811585	ELSPBP1	epididymal sperm binding protein 1
1569796_s_at	-8.56	0.011249	0.811585	ATRNL1	attractin-like 1
215041_s_at	-2.68	0.011257	0.811585	DOCK9	dedicator of cytokinesis 9
237665_at	-2.59	0.011265	0.811585		
1552724_at	-2.19	0.011308	0.811585	RHOXF1	Rhox homeobox family, member 1
1560728_at	-2.05	0.011315	0.811585		
229730_at	7.09	0.011334	0.811585	SMTNL2	smoothelin-like 2
1557359_at	-3.41	0.011359	0.811585	LINC01268	long intergenic non-protein coding RNA 1268
1569861_at	-5.5	0.011371	0.811585	TRAF5	TNF receptor-associated factor 5
213363_at	-4.14	0.011381	0.811585	CA5BP1	carbonic anhydrase VB pseudogene 1
217228_s_at	-2.46	0.0114	0.811585	ASB4	ankyrin repeat and SOCS box containing 4
1569963_at	-2.67	0.011421	0.811585	LOC101928525	uncharacterized LOC101928525

1553935_at	-3.95	0.011443	0.811585	BFSP2-AS1	BFSP2 antisense RNA 1
240163_at	-3.84	0.011451	0.811585	LOC101928784	uncharacterized LOC101928784
239139_at	-2.41	0.011459	0.811585	CPNE9	copine family member IX
217273_at	-3.75	0.01146	0.811585	PRAMEF10	PRAME family member 10
233342_at	-2.04	0.01146	0.811585	LOC100134040	uncharacterized LOC100134040
214611_at	-3.17	0.011541	0.811585	GRIK1	glutamate receptor, ionotropic, kainate 1
203027_s_at	-2.71	0.011544	0.811585	MVD	mevalonate (diphospho) decarboxylase
207420_at	-2.8	0.01159	0.811585	COLEC10	collectin sub-family member 10 (C-type lectin)
1557569_at	-4.73	0.011619	0.811585	MPDU1	mannose-P-dolichol utilization defect 1
1562499_at	-3.1	0.01163	0.811585		
230157_at	-4.25	0.011639	0.811585	CDH24	cadherin 24, type 2
230555_s_at	-7.37	0.011674	0.811585	MED30	mediator complex subunit 30
1562051_at	-2.01	0.011714	0.811585	LOC729296; MIR646	uncharacterized LOC729296; MIR646 host gene (non-protein coding)
1564003_at	-11.31	0.011715	0.811585		
242855_at	-2.77	0.011743	0.811585	KCP	kielin/chordin-like protein
1554165_at	-9.71	0.011808	0.811585	FAM53B	family with sequence similarity 53, member B
208554_at	3.79	0.011823	0.811585	POU4F3	POU class 4 homeobox 3

232664_at	3.94	0.011827	0.811585	LINC00954	long intergenic non-protein coding RNA 954
1552853_at	-3.46	0.01183	0.811585	VWA5B1	von Willebrand factor A domain containing 5B1
1564300_at	-3.78	0.01183	0.811585	IQCF5-AS1	IQCF5 antisense RNA 1
241570_at	-2.21	0.011844	0.811585		
240764_at	-4.46	0.011864	0.811585		
1562740_at	-5.97	0.011896	0.811585	DNAJB8-AS1	DNAJB8 antisense RNA 1
234794_at	-8.09	0.011917	0.811585		
237931_at	-2.48	0.011918	0.811585		
236759_at	-2.09	0.011945	0.811585		
205385_at	-5.85	0.011982	0.811585	MDM2	MDM2 proto-oncogene, E3 ubiquitin protein ligase
211410_x_at	-2.09	0.012002	0.811585	KIR2DL5A	killer cell immunoglobulin-like receptor, two domains, long cytoplasmic tail, 5A
216275_at	-6.46	0.012054	0.811585	BUB1	BUB1 mitotic checkpoint serine/threonine kinase
221180_at	-2.62	0.012091	0.811585	MAP3K19	mitogen-activated protein kinase kinase kinase 19
216201_at	-4.08	0.012101	0.811585		
233708_at	-2.73	0.012152	0.811585		
204818_at	-6.21	0.012189	0.811585	HSD17B2	hydroxysteroid (17-beta) dehydrogenase 2

232756_at	-2.57	0.012219	0.811585	KALRN	kalirin, RhoGEF kinase
243190_at	-13.25	0.012283	0.811585	AC087501.1	
234688_x_at	-3.19	0.012289	0.811585	CNTROB	centrobin, centrosomal BRCA2 interacting protein
240804_at	-5.18	0.012313	0.811585		
231194_at	-5.24	0.012332	0.811585	SNX32	sorting nexin 32
234642_at	-3.04	0.012368	0.811585		
1559180_at	6.16	0.012416	0.811585	LOC100131860	uncharacterized LOC100131860
1561572_at	-2.95	0.012468	0.811585	LOC101929284	uncharacterized LOC101929284
220920_at	-4.81	0.012471	0.811585	ATP10B	ATPase, class V, type 10B
1560971_a_at	-2.82	0.012491	0.811585		
210280_at	-2.1	0.012542	0.811585	MPZ	myelin protein zero
1568636_a_at	3.49	0.012582	0.811585	LINC00354	long intergenic non-protein coding RNA 354
228103_s_at	-2.44	0.012594	0.811585	AC007362.3	
238498_at	-3.42	0.012629	0.811585	RP3-406A7.7	
1555612_s_at	-3.33	0.012652	0.811585	G6PC	glucose-6-phosphatase, catalytic subunit
239309_at	-3.08	0.012654	0.811585	DLX6	distal-less homeobox 6
226937_at	-4.52	0.012725	0.811585	CRLS1	cardiolipin synthase 1
232208_at	-2.2	0.012746	0.811585	ISLR2	immunoglobulin superfamily containing leucine-rich repeat 2

234848_at	-2.55	0.012786	0.811585	TCRA; TCRAV5.1a	Homo sapiens mRNA for T cell receptor alpha variable 6, partial cds, clone: SEB 201.; Homo sapiens mRNA for T cell receptor alpha variable 6, partial cds, clone: un 84-2.
243342_at	-6.52	0.012796	0.811585		
215941_at	-2.82	0.012816	0.811585		
233994_at	-5.7	0.012883	0.811585		
207309_at	-3.75	0.012892	0.811585	NOS1	nitric oxide synthase 1 (neuronal)
216451_at	-3.44	0.012907	0.811585	STK38	serine/threonine kinase 38
211162_x_at	-4.21	0.012996	0.811585	SCD	stearoyl-CoA desaturase (delta-9-desaturase)
221374_at	-4.86	0.01303	0.811585	FGF16	fibroblast growth factor 16
234306_s_at	2.31	0.013071	0.811585	SLAMF7	SLAM family member 7
204293_at	4.72	0.013101	0.811585	SGSH	N-sulfoglucosamine sulfohydrolase
208283_at	-3.07	0.013126	0.811585	GAGE1	G antigen 1
229499_at	-3.57	0.013127	0.811585	CAPN13	calpain 13
210107_at	-4.71	0.013153	0.811585	CLCA1	chloride channel accessory 1
1555752_at	-2.84	0.013163	0.811585	STH	saitohin
220756_s_at	-5.28	0.013236	0.811585	SLC52A1	solute carrier family 52 (riboflavin transporter), member 1

238830_at	-5.3	0.013253	0.811585	SOS2	son of sevenless homolog 2 (Drosophila)
229675_at	-6.73	0.013266	0.811585		
210727_at	-2.77	0.013269	0.811585	CALCA	calcitonin-related polypeptide alpha
1556829_at	4.17	0.0133	0.811585	TIPARP-AS1	TIPARP antisense RNA 1
1570447_at	-3.95	0.013309	0.811585	LINC00452	long intergenic non-protein coding RNA 452
226804_at	3.85	0.013333	0.811585	FAM20A	family with sequence similarity 20, member A
236109_at	-2.03	0.013418	0.811585	RP11-50B3.4	
241665_x_at	-5.44	0.013481	0.811585		
203702_s_at	-2.64	0.013584	0.811585	TTLL4	tubulin tyrosine ligase-like family, member 4
237913_at	-3.39	0.013692	0.811585		
227721_at	-2.61	0.013693	0.811585	CPAMD8	C3 and PZP-like, alpha-2-macroglobulin domain containing 8
228689_at	-2.28	0.013701	0.811585	NDUFA11	NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 11, 14.7kDa
1552391_at	-3.62	0.013749	0.811585	CCDC185	coiled-coil domain containing 185
214625_s_at	-3.39	0.013758	0.811585	MINK1	misshapen-like kinase 1

227910_at	-2.73	0.013778	0.811585	XPNPEP3	X-prolyl aminopeptidase (aminopeptidase P) 3, putative
221017_s_at	-6.77	0.013787	0.811585	LRRC3	leucine rich repeat containing 3
1553037_a_at	-3.15	0.013837	0.811585	SYN2	synapsin II
240276_at	-5.95	0.013871	0.811585	RP11-108P20.4	
205031_at	6.13	0.013897	0.811585	EFNB3	ephrin-B3
1562016_at	-6.18	0.013915	0.811585		
213829_x_at	-2.02	0.013947	0.811585	RTEL1	regulator of telomere elongation helicase 1
1555034_at	-2.63	0.013986	0.811585	CLRN1	clarin 1
231123_at	-2.05	0.014093	0.811585	TRIM36	tripartite motif containing 36
1553369_at	2.87	0.014117	0.811585	FAM129C	family with sequence similarity 129, member C
229667_s_at	-5.68	0.014202	0.811585	HOXB8	homeobox B8
241195_at	-2.96	0.014228	0.811585		
211227_s_at	-5.45	0.014245	0.811585	PCDH11X; PCDH11	protocadherin 11 X-linked; protocadherin 11 Y-linked
1556920_s_at	-2.25	0.014283	0.811585	LINC01330	long intergenic non-protein coding RNA 1330
206759_at	-4.13	0.014291	0.811585	FCER2	Fc fragment of IgE, low affinity II, receptor for (CD23)
241315_at	-4.01	0.01433	0.811585		
1561642_at	-4.12	0.014369	0.811585		
241807_x_at	-2.6	0.014372	0.811585		

237779_at	-2.3	0.014387	0.811585	LOC100505711	uncharacterized LOC100505711
230877_at	-2.04	0.014485	0.811585	IGHD	immunoglobulin heavy constant delta
237809_at	-14.9	0.014486	0.811585		
1560030_at	-2.75	0.014531	0.811585	LOC283692	uncharacterized LOC283692
242833_at	-6.49	0.014562	0.811585	RP11-402G3.5	
239458_at	-2.37	0.014592	0.811585	ALS2CR12	amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 12
214655_at	6	0.014648	0.811585	GPR6	G protein-coupled receptor 6
234511_at	-3.39	0.014652	0.811585	ANKRD60	ankyrin repeat domain 60
206210_s_at	-6.19	0.014653	0.811585	CETP	cholesteryl ester transfer protein, plasma
216478_at	-4.57	0.014678	0.811585		
237477_at	-6.26	0.014695	0.811585	PDCL2	phosducin-like 2
1556034_s_at	3.28	0.014735	0.811585	MTMR11	myotubularin related protein 11
242076_at	-2.42	0.014771	0.811585		
230041_at	-4.91	0.014839	0.811585	AK024119; CTC-37	Homo sapiens cDNA FLJ14057 fis, clone HEMBB1000337.
1555647_a_at	3.06	0.014851	0.811585	FOXP2	forkhead box P2
219702_at	-2.13	0.014872	0.811585	PLAC1	placenta-specific 1
240477_at	-2.19	0.014899	0.811585		
210614_at	-2.41	0.01492	0.811585	TTPA	tocopherol (alpha) transfer protein

231563_at	-2.21	0.014937	0.811585	LOC100505824	uncharacterized LOC100505824
1553907_a_at	-20.38	0.014964	0.811585	EXD1	exonuclease 3'-5' domain containing 1
236299_at	-2.77	0.015102	0.811585		
203954_x_at	-2.76	0.015112	0.811585	CLDN3	claudin 3
216679_at	-2.86	0.015202	0.811585	DDR1-AS1	DDR1 antisense RNA 1 (head to head)
233170_at	-2.14	0.015205	0.811585	LINC00348	long intergenic non-protein coding RNA 348
1570314_at	-10.84	0.015215	0.811585		
207392_x_at	-4.92	0.015223	0.811585	UGT2B15	UDP glucuronosyltransferase 2 family, polypeptide B15
233491_at	-2.23	0.015252	0.811585	LOC100268168	uncharacterized LOC100268168
216791_at	-2.61	0.015277	0.811585		
1566042_at	-2.77	0.015482	0.811585		
207656_s_at	-2.39	0.015504	0.811585	ACOX1	acyl-CoA oxidase 1, palmitoyl
230694_at	-2.71	0.015523	0.811585		
221660_at	-2.27	0.015529	0.811585	MYL10	myosin, light chain 10, regulatory
203681_at	-3.53	0.01557	0.811585	IVD	isovaleryl-CoA dehydrogenase
216572_at	-3.05	0.015571	0.811585	FOXL1	forkhead box L1
242420_at	-2.05	0.015603	0.811585		
210831_s_at	-2.26	0.01564	0.811585	PTGER3	prostaglandin E receptor 3 (subtype EP3)
1570040_at	-2.41	0.015653	0.811585	RP11-748H22.1	

231529_at	-2.24	0.015705	0.811585	MEG3	maternally expressed 3 (non-protein coding)
214546_s_at	-3.41	0.015826	0.811585	P2RY11; PPAN-P2	purinergic receptor P2Y, G-protein coupled, 11; PPAN-P2RY11 readthrough
230453_s_at	-5.57	0.015866	0.811585	ATP2A3	ATPase, Ca++ transporting, ubiquitous
230975_at	-4.43	0.015896	0.811585	RP11-109E10.1	
225874_at	2.03	0.015906	0.811585	UBALD1	UBA-like domain containing 1
210797_s_at	-2.24	0.015927	0.811585	OASL	2'-5'-oligoadenylate synthetase-like
1557771_at	-2.91	0.015956	0.811585	FHAD1	forkhead-associated (FHA) phosphopeptide binding domain 1
228701_at	-6.22	0.015971	0.811585	C8orf46	chromosome 8 open reading frame 46
214558_at	-2.5	0.015987	0.811585	GPR12	G protein-coupled receptor 12
1566870_at	-2.45	0.016041	0.811585		
223938_at	-3.31	0.016093	0.811585	TEX35	testis expressed 35
230202_at	-2.84	0.01612	0.811585		
217218_at	-3.81	0.016124	0.811585	WAPAL	wings apart-like homolog (Drosophila)
244438_at	-2.23	0.016131	0.811585	AC010145.3; MYCN	MYCN upstream neighbor
1556593_s_at	-2.65	0.01614	0.811585		
1563298_at	-2.38	0.016145	0.811585	LOC101927331	uncharacterized LOC101927331

239508_x_at	-2.06	0.016154	0.811585	CCDC108	coiled-coil domain containing 108
1567389_at	-3.94	0.016197	0.811585		
217706_at	-2.97	0.016229	0.811585		
1560281_a_at	-2.53	0.016249	0.811585	TMEM95	transmembrane protein 95
241047_at	-8.01	0.016288	0.811585	CASC15	cancer susceptibility candidate 15 (non-protein coding)
242410_s_at	-2.75	0.016295	0.811585	CACNA1E	calcium channel, voltage-dependent, R type, alpha 1E subunit
222739_at	-5.75	0.016339	0.811585	TMEM62	transmembrane protein 62
235329_at	-2.49	0.016358	0.811585	NOXO1	NADPH oxidase organizer 1
215960_at	-5.8	0.016367	0.811585	SLC5A4	solute carrier family 5 (glucose activated ion channel), member 4
208314_at	-2.66	0.016382	0.811585	RRH	retinal pigment epithelium-derived rhodopsin homolog
216947_at	-5.91	0.016383	0.811585	DES	desmin
242204_at	-7.02	0.016515	0.811585	WFDC5	WAP four-disulfide core domain 5
221175_at	-4.69	0.016592	0.811585	C3orf36	chromosome 3 open reading frame 36
206575_at	2.82	0.016628	0.811585	CDKL5	cyclin-dependent kinase-like 5
241901_at	4	0.016685	0.811585	LOC101929988	uncharacterized LOC101929988
1563685_at	-2.96	0.016728	0.811585	LOC285422	uncharacterized LOC285422
212315_s_at	2.86	0.016752	0.811585	NUP210	nucleoporin 210kDa
1564872_at	-12.18	0.016764	0.811585	AC002064.5	

206644_at	-5.4	0.016793	0.811585	NR0B1	nuclear receptor subfamily 0, group B, member 1
232550_at	-4.53	0.016831	0.811585	ABHD1	abhydrolase domain containing 1
235565_at	-5.5	0.016913	0.811585	ZNF425	zinc finger protein 425
204315_s_at	2.45	0.016996	0.811585	GTSE1	G-2 and S-phase expressed 1
1563808_at	-3.99	0.017037	0.811585	MCF2L	MCF.2 cell line derived transforming sequence-like
1562752_at	-8.76	0.01705	0.811585		
231595_at	-2.01	0.017069	0.811585	MRVI1-AS1	MRVI1 antisense RNA 1
204758_s_at	-2.93	0.01709	0.811585	C2CD2L	C2CD2-like
244572_at	2.84	0.017119	0.811585	KY	kyphoscoliosis peptidase
243373_at	-3.25	0.017168	0.811585		
224421_x_at	-5.29	0.017174	0.811585	PMCHL1	pro-melanin-concentrating hormone-like 1, pseudogene
237576_x_at	-2.02	0.017202	0.811585	LOC101927093	uncharacterized LOC101927093
220448_at	7.41	0.017248	0.811585	KCNK12	potassium channel, subfamily K, member 12
1555092_at	-2.61	0.01726	0.811585	VASH2	vasohibin 2
1560989_at	-2.92	0.017273	0.811585		
207658_s_at	-2.85	0.017315	0.811585	FOXG1	forkhead box G1
233847_x_at	-4.48	0.017323	0.811585		
208457_at	-4.38	0.017431	0.811585	GABRD	gamma-aminobutyric acid (GABA) A receptor, delta
210730_s_at	-2.89	0.017439	0.811585	NPY2R	neuropeptide Y receptor Y2

1556627_at	-6.26	0.017464	0.811585	DRP2	dystrophin related protein 2
207241_at	3.49	0.017484	0.811585	C4orf6	chromosome 4 open reading frame 6
1560164_at	-3.44	0.017499	0.811585	LOC101927990	uncharacterized LOC101927990
239473_x_at	-2.2	0.017501	0.811585	MAP6D1	MAP6 domain containing 1
1557869_at	-4.78	0.017506	0.811585		
207682_s_at	-3.69	0.017536	0.811585	KIF25	kinesin family member 25
1560958_s_at	-3.16	0.017539	0.811585	LOC101928516	uncharacterized LOC101928516
233612_at	-2.3	0.017542	0.811585		
1564049_at	-4.92	0.017577	0.811585	LOC339593	uncharacterized LOC339593
205166_at	-2.03	0.017586	0.811585	CAPN5	calpain 5
1563054_at	-25.97	0.017606	0.811585		
220191_at	-3.66	0.017607	0.811585	GKN1	gastrokine 1
209855_s_at	-2.41	0.01763	0.811585	KLK2	kallikrein-related peptidase 2
238895_at	-2.13	0.017675	0.811585		
222818_at	-3.4	0.017678	0.811585	OSBPL10	oxysterol binding protein-like 10
241289_at	3.29	0.017683	0.811585		
240022_at	-3.65	0.017686	0.811585	ZC3H4	zinc finger CCCH-type containing 4
1558602_a_at	-4.36	0.017697	0.811585	TUSC7	tumor suppressor candidate 7 (non-protein coding)
1554141_s_at	-7.37	0.017761	0.811585	WDR78	WD repeat domain 78
224348_s_at	-2.05	0.01779	0.811585	HOTS	H19 Opposite Tumor Suppressor

1553586_at	-2.64	0.017821	0.811585	FBXL19-AS1	FBXL19 antisense RNA 1 (head to head)
215606_s_at	-2.37	0.017951	0.811585	ERC1	ELKS/RAB6-interacting/CAST family member 1
207154_at	-3.08	0.018024	0.811585	DIO3	deiodinase, iodothyronine, type III
244225_x_at	-3.57	0.018079	0.811585	LMNA	lamin A/C
239805_at	-2.61	0.018095	0.811585	SLC13A2	solute carrier family 13 (sodium-dependent dicarboxylate transporter), member 2
1569461_at	-6.55	0.018113	0.811585	KCNT1	potassium channel, subfamily T, member 1
212805_at	2.05	0.018193	0.811585	PRUNE2	prune homolog 2 (Drosophila)
1561558_at	-4.12	0.018213	0.811585	PRKG1-AS1	PRKG1 antisense RNA 1
1562541_at	-3.86	0.018262	0.811585		
240736_at	4.6	0.018273	0.811585		
1564360_a_at	-4.07	0.018297	0.811585	LOC440416	uncharacterized LOC440416
203409_at	2.32	0.018315	0.811585	DDB2	damage-specific DNA binding protein 2, 48kDa
1565111_x_at	-4.94	0.018323	0.811585	OFCC1	orofacial cleft 1 candidate 1
226248_s_at	-2.85	0.018355	0.811585	KIAA1324	KIAA1324
1561905_at	-2.25	0.018413	0.811585	BC048141	Homo sapiens cDNA clone IMAGE:4798845.
237685_at	-3.65	0.018426	0.811585	LOC101929926	uncharacterized LOC101929926

217195_at	-3.61	0.018444	0.811585	GCNT1P1	glucosaminyl (N-acetyl) transferase 1, core 2 pseudogene 1
1563396_x_at	-3.66	0.018476	0.811585	CTC-384G19.1	
1554961_at	-2.2	0.01852	0.811585	FGFR4	fibroblast growth factor receptor 4
239565_at	-2.66	0.01852	0.811585	DLG5-AS1	DLG5 antisense RNA 1
216864_at	-4.61	0.018527	0.811585		
1564628_at	-2.23	0.018561	0.811585		
1568191_at	-2.86	0.01858	0.811585		
231333_at	-2.67	0.018643	0.811585	LOC100505515	uncharacterized LOC100505515
221309_at	-2.35	0.018653	0.811585	RBM17	RNA binding motif protein 17
237965_at	-2.29	0.018655	0.811585		
235665_at	-4.26	0.018668	0.811585	AC018766.6	
223603_at	2.48	0.018731	0.811585	RNF112	ring finger protein 112
208599_at	2.32	0.018761	0.811585	HUWE1	HECT, UBA and WWE domain containing 1, E3 ubiquitin protein ligase
232856_at	-2.96	0.018876	0.811585	LRRC55	leucine rich repeat containing 55
232707_at	-6.51	0.018887	0.811585	ISX	intestine-specific homeobox
208479_at	-2.22	0.01891	0.811585	KCNA1	potassium voltage-gated channel, shaker-related subfamily, member 1 (episodic ataxia with myokymia)

1558489_at	9.85	0.01891	0.811585		
243186_at	-2.1	0.018922	0.811585		
219780_at	-10.25	0.018975	0.811585	ZNF771	zinc finger protein 771
241513_at	3.62	0.019036	0.811585	RP11-1152H14.1	
204914_s_at	-7.13	0.019036	0.811585	SOX11	SRY (sex determining region Y)-box 11
241543_at	-5.55	0.019086	0.811585		
221125_s_at	4.88	0.019095	0.811585	KCNMB3	potassium large conductance calcium-activated channel, subfamily M beta member 3
241485_at	2.75	0.019109	0.811585	MYT1L	myelin transcription factor 1-like
1562214_at	-2.86	0.019119	0.811585	LINC01107	long intergenic non-protein coding RNA 1107
240021_at	-2.39	0.019165	0.811585		
1552629_a_at	-3.03	0.019256	0.811585	JMJD6	jumonji domain containing 6
237775_x_at	-2.23	0.019296	0.811585		
208333_at	-3.23	0.019299	0.811585	LHX5	LIM homeobox 5
227140_at	2.34	0.019312	0.811585	INHBA	inhibin, beta A
220747_at	-4.06	0.019368	0.811585	LINC00652	long intergenic non-protein coding RNA 652
241213_x_at	-3.57	0.019498	0.811585		
244637_at	-2.43	0.019499	0.811585		
215817_at	-4.44	0.019511	0.811585	SERPINB13	serpin peptidase inhibitor, clade B (ovalbumin), member 13

221354_s_at	-7.89	0.01952	0.811585	MCHR1	melanin-concentrating hormone receptor 1
236156_at	-3	0.019528	0.811585	LIPA; LOC1019268	lipase A, lysosomal acid, cholesterol esterase; uncharacterized LOC101926887
208352_x_at	-2.54	0.019576	0.811585	ANK1	ankyrin 1, erythrocytic
1556505_at	-2.19	0.019581	0.811585	LINC00605	long intergenic non-protein coding RNA 605
235247_at	-5	0.019603	0.811585		
238246_at	-14.36	0.019702	0.811585	MTL5	metallothionein-like 5, testis-specific (tesmin)
1553212_at	5.42	0.019705	0.811585	KRT78	keratin 78
207686_s_at	2.48	0.019712	0.811585	CASP8	caspase 8, apoptosis-related cysteine peptidase
1556971_a_at	-3.23	0.019727	0.811585	RP11-85A1.3	
219745_at	2.4	0.019746	0.811585	TMEM180	transmembrane protein 180
203001_s_at	-7.1	0.019773	0.811585	STMN2	stathmin 2
1560903_at	-3.58	0.019813	0.811585	CTA-254O6.1	
1556201_at	-2.6	0.019853	0.811585	RNASET2	ribonuclease T2
1559228_at	-2.06	0.019891	0.811585	CLU	clusterin
207784_at	-3.03	0.019914	0.811585	ARSD	arylsulfatase D
220790_s_at	-4.61	0.019968	0.811585	MS4A5	membrane-spanning 4-domains, subfamily A, member 5
216444_at	-2.9	0.020031	0.811585		

244681_at	-2.02	0.020054	0.811585	NUP210P1	nucleoporin 210kDa pseudogene 1
1564548_at	-2.68	0.020123	0.811585	LOC642620	uncharacterized LOC642620
230824_at	-2.3	0.020162	0.811585	10-Mar	membrane-associated ring finger (C3HC4) 10, E3 ubiquitin protein ligase
222936_s_at	7.99	0.020166	0.811585	DESI2	desumoylating isopeptidase 2
230935_at	-3.64	0.020169	0.811585	HAGLROS	HAGLR opposite strand (non-protein coding)
1558577_at	-2.38	0.020173	0.811585	LOC148709	actin pseudogene
214382_at	-4.75	0.02018	0.811585	UNC93A	unc-93 homolog A (C. elegans)
244820_at	-3.53	0.020213	0.811585		
222278_at	6.11	0.020218	0.811585	LOC101929726	uncharacterized LOC101929726
1569446_x_at	-2.38	0.020235	0.811585	DGCR5	DiGeorge syndrome critical region gene 5 (non-protein coding)
1569310_at	-3.79	0.020277	0.811585	IRGQ	immunity-related GTPase family, Q
233948_at	-5.09	0.02036	0.811585	TBX5-AS1	TBX5 antisense RNA 1
228475_at	-3.86	0.020367	0.811585	CCDC61	coiled-coil domain containing 61
1555664_at	-3.55	0.020382	0.811585		
244117_at	7.61	0.020405	0.811585		
241051_at	-3.4	0.020453	0.811585		
1570350_at	-2.93	0.020483	0.811585	LOC101928269	uncharacterized LOC101928269

229651_at	-3.33	0.02049	0.811585	SEZ6	seizure related 6 homolog (mouse)
241760_x_at	-3.83	0.020618	0.811585	RORA	RAR-related orphan receptor A
214990_at	-4.32	0.020645	0.811585	PIGO	phosphatidylinositol glycan anchor biosynthesis, class O
1564209_at	-5.15	0.020669	0.811585	LINC00700	long intergenic non-protein coding RNA 700
241166_at	-5.17	0.020676	0.811585	CEP41	centrosomal protein 41kDa
234381_at	-2.62	0.020738	0.811585	IGLV4-3	immunoglobulin lambda variable 4-3
221668_s_at	-2.56	0.020748	0.811585	DNAI2	dynein, axonemal, intermediate chain 2
243810_at	-3.72	0.02076	0.811585		
234011_at	-2.47	0.020809	0.811585		
1555783_x_at	2.71	0.020821	0.811585	PQLC2	PQ loop repeat containing 2
243771_at	-2.3	0.020828	0.811585		
214922_at	-2.47	0.020829	0.811585	ZNF484	zinc finger protein 484
205538_at	-2.42	0.020831	0.811585	CORO2A	coronin, actin binding protein, 2A
242219_at	3.96	0.020854	0.811585		
1552522_at	-3.99	0.020871	0.811585	TIGD4	tigger transposable element derived 4
216419_at	-4.45	0.02092	0.811585	CROCC	ciliary rootlet coiled-coil, rootletin
220214_at	3.24	0.020935	0.811585	ZNF215	zinc finger protein 215

210850_s_at	2.26	0.020952	0.811585	ELK1	ELK1, member of ETS oncogene family
202255_s_at	2.79	0.020962	0.811585	SIPA1L1	signal-induced proliferation-associated 1 like 1
228610_at	-2.05	0.021053	0.811585	TM9SF3	transmembrane 9 superfamily member 3
237271_at	-2.69	0.02106	0.811585	LOC154872	putative uncharacterized protein LOC154872
1553842_at	-8.61	0.021088	0.811585	BEND2	BEN domain containing 2
210167_s_at	-3.74	0.021097	0.811585	TEF	thyrotrophic embryonic factor
1554882_at	-3.75	0.021146	0.811585	ERCC8	excision repair cross-complementation group 8
1569063_at	-5.4	0.021213	0.811585		
233622_x_at	-4.22	0.021228	0.811585		
234694_at	-2.92	0.021273	0.811585	CNTROB	centrobin, centrosomal BRCA2 interacting protein
241585_at	-3.96	0.021355	0.811585	LRRC4C	leucine rich repeat containing 4C
1559268_at	-2.03	0.021378	0.811585	ADAM23	ADAM metallopeptidase domain 23
219085_s_at	-4.32	0.021397	0.811585	GEMIN7	gem (nuclear organelle) associated protein 7
1562478_at	-2.98	0.021432	0.811585	LINC00659	long intergenic non-protein coding RNA 659

229564_at	3.61	0.021529	0.811585	RRP7A	ribosomal RNA processing 7 homolog A (S. cerevisiae)
1557896_at	-8.35	0.021552	0.811585	BC041003; RP11-4	Homo sapiens cDNA clone IMAGE:5275288.
231036_at	4.27	0.021566	0.811585	LOC100505774	uncharacterized LOC100505774
205445_at	-2.39	0.021569	0.811585	PRL	prolactin
207530_s_at	-7.58	0.021604	0.811585	CDKN2B	cyclin-dependent kinase inhibitor 2B (p15, inhibits CDK4)
234514_at	-4.5	0.021621	0.811585	SRMS	src-related kinase lacking C-terminal regulatory tyrosine and N-terminal myristylation sites
205902_at	4.1	0.021697	0.811585	KCNN3	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 3
1557219_at	-6.91	0.021711	0.811585	LOC100506827	uncharacterized LOC100506827
227177_at	-2.53	0.021721	0.811585	CORO2A	coronin, actin binding protein, 2A
1569929_at	-5.12	0.021741	0.811585		
224128_at	-2.53	0.021828	0.811585	RTFDC1	replication termination factor 2 domain containing 1
207325_x_at	-3.4	0.021843	0.811585	MAGEA1	melanoma antigen family A, 1 (directs expression of antigen MZ2-E)

1558945_s_at	-10.45	0.021875	0.811585	CACNA1A; LOC100	calcium channel, voltage-dependent, P/Q type, alpha 1A subunit; uncharacterized LOC100507353
1553995_a_at	2.36	0.021876	0.811585	NT5E	5'-nucleotidase, ecto (CD73)
1565320_at	-4.33	0.021902	0.811585	RBM3AP	RNA binding motif protein, Y-linked, family 3, member A pseudogene
1564729_at	-6.66	0.021945	0.811585	LOC101928666	uncharacterized LOC101928666
225503_at	3.98	0.021969	0.811585	DHRSX	dehydrogenase/reductase (SDR family) X-linked
240379_at	2.47	0.021992	0.811585	PKP4	plakophilin 4
1556449_at	-3.42	0.022029	0.811585		
244543_s_at	3.07	0.02207	0.811585	BCDIN3D-AS1	BCDIN3D antisense RNA 1
244542_at	-3.15	0.022111	0.811585	BCDIN3D-AS1	BCDIN3D antisense RNA 1
221120_at	-2.17	0.022125	0.811585		
1569873_at	-7.15	0.022223	0.811585	LIPJ	lipase, family member J
235310_at	-2.99	0.022256	0.811585	GCSAM	germinal center-associated, signaling and motility
220291_at	-2.47	0.022284	0.811585	GDPD2	glycerophosphodiester phosphodiesterase domain containing 2
214903_at	-2.73	0.022287	0.811585	SYT2	synaptotagmin II
238962_at	2.97	0.022323	0.811585	ZNF681	zinc finger protein 681

210363_s_at	-3.41	0.022327	0.811585	SCN2B	sodium channel, voltage-gated, type II, beta subunit
238088_at	-2.47	0.022345	0.811585		
1554616_at	-2.42	0.022351	0.811585	SERPINB8	serpin peptidase inhibitor, clade B (ovalbumin), member 8
243994_at	-5.06	0.022428	0.811585		
219305_x_at	3.99	0.022443	0.811585	FBXO2	F-box protein 2
236481_at	-3.29	0.022448	0.811585	FAH	fumarylacetoacetate hydrolase (fumarylacetoacetase)
1561966_at	-2.08	0.02246	0.811585	BC041363	Homo sapiens cDNA clone IMAGE:5273212.
227938_s_at	-6.97	0.022495	0.811585	DLL1	delta-like 1 (Drosophila)
232631_at	-5.9	0.022495	0.811585	CDH6	cadherin 6, type 2, K-cadherin (fetal kidney)
239141_at	-2.66	0.022516	0.811585	LOC100126784	uncharacterized LOC100126784
217163_at	-6.41	0.022526	0.811585	ESR1	estrogen receptor 1
210767_at	-4.92	0.022551	0.811585	NF2	neurofibromin 2 (merlin)
1569218_at	-4.65	0.022566	0.811585	LOC101927003	uncharacterized LOC101927003
238770_at	-5.04	0.022575	0.811585	KIAA1456	KIAA1456
1555085_at	-3.06	0.0226	0.811585	LOC101928751	uncharacterized LOC101928751
1553151_at	-4.56	0.022621	0.811585	ATP6V0D2	ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d2
1556859_a_at	-7.34	0.022659	0.811585	LOC285740	uncharacterized LOC285740

208294_x_at	-2.58	0.022718	0.811585	CSHL1	chorionic somatomammotropin hormone-like 1
1561034_at	3.36	0.022768	0.811585	RP11-510C10.2	
231463_at	-2.55	0.022783	0.811585	CNTD1	cyclin N-terminal domain containing 1
1554224_at	-5.06	0.022843	0.811585	LOC101929497	uncharacterized LOC101929497
1553568_a_at	-2.22	0.022919	0.811585	HIST1H1T	histone cluster 1, H1t
217660_at	-6.27	0.022946	0.811585	MYH14	myosin, heavy chain 14, non-muscle
207588_at	-10.39	0.022975	0.811585		
213412_at	-2.49	0.023016	0.811585	TJP3	tight junction protein 3
220804_s_at	-2.44	0.023019	0.811585	TP73	tumor protein p73
1559461_at	-2.75	0.02305	0.811585		
244879_at	-2.46	0.023051	0.811585		
1566515_at	-3.13	0.023076	0.811585	CWF19L2	CWF19-like 2, cell cycle control (S. pombe)
237941_at	7.34	0.023115	0.811585		
1552436_a_at	-2.21	0.02314	0.811585	CDH23; LOC10065	cadherin-related 23; cadherin-23-like
232660_at	-4.76	0.023254	0.811585	BAD	BCL2-associated agonist of cell death
236741_at	-2.84	0.023281	0.811585	WDR72	WD repeat domain 72
229154_at	-11.01	0.023328	0.811585	WNT10A	wingless-type MMTV integration site family, member 10A

205185_at	-2.29	0.023389	0.811585	SPINK5	serine peptidase inhibitor, Kazal type 5
206869_at	-3.76	0.023469	0.811585	CHAD	chondroadherin
213668_s_at	2.16	0.023475	0.811585	SOX4	SRY (sex determining region Y)-box 4
216876_s_at	-6.54	0.023491	0.811585	IL17A	interleukin 17A
229639_s_at	-8.43	0.023526	0.811585	SLC19A1	solute carrier family 19 (folate transporter), member 1
228942_s_at	3.17	0.023555	0.811585	DAB2IP	DAB2 interacting protein
221948_s_at	-5.14	0.023566	0.811585	KLHL22	kelch-like family member 22
240801_at	-3.89	0.023664	0.811585	C21orf37	chromosome 21 open reading frame 37
215998_at	-2.36	0.023678	0.811585		
237928_at	-2.78	0.02372	0.811585		
205744_at	-2.61	0.023768	0.811585	DOC2A	double C2-like domains, alpha
217238_s_at	-3.48	0.023812	0.811585	ALDOB	aldolase B, fructose-bisphosphate
206824_at	-4.01	0.023826	0.811585	CES1P1	carboxylesterase 1 pseudogene 1
206813_at	2.36	0.02384	0.811585	CTF1	cardiotrophin 1
206333_at	-10.61	0.023888	0.811585	MSI1	musashi RNA-binding protein 1
210419_at	-4.07	0.023906	0.811585	BARX2	BARX homeobox 2
216746_at	-2.9	0.023914	0.811585		
243429_at	-3.54	0.023922	0.811585		
1554646_at	-2.02	0.023923	0.811585	OSBPL1A	oxysterol binding protein-like 1A

215355_at	-4.05	0.023932	0.811585	POU2F3	POU class 2 homeobox 3
206546_at	-2.26	0.024	0.811585	SYCP2	synaptonemal complex protein 2
236888_at	-3.89	0.024039	0.811585	CAPZA3	capping protein (actin filament) muscle Z-line, alpha 3
231456_at	-2.09	0.024057	0.811585		
1568662_at	-2.27	0.024107	0.811585	PWRN2	Prader-Willi region non-protein coding RNA 2
234246_at	-3.28	0.024155	0.811585		
234356_at	-2.14	0.024176	0.811585	DKFZP434K028	uncharacterized LOC26070
242090_x_at	-15.96	0.024183	0.811585		
1552988_at	-2.41	0.024194	0.811585	C11orf65	chromosome 11 open reading frame 65
239626_x_at	-2.47	0.024222	0.811585	TM9SF3	transmembrane 9 superfamily member 3
233488_at	-4.17	0.02425	0.811585	RNASE7	ribonuclease, RNase A family, 7
207139_at	3.77	0.024258	0.811585	ATP4A	ATPase, H ⁺ /K ⁺ exchanging, alpha polypeptide
1562510_at	-2.94	0.024284	0.811585	LINC01343	long intergenic non-protein coding RNA 1343
208006_at	-2.26	0.024288	0.811585	FOXI1	forkhead box I1
240283_at	-3.14	0.024375	0.811585		
243777_at	-6.27	0.024378	0.811585	RAB29	RAB29, member RAS oncogene family
237259_at	-2.93	0.024409	0.811585		

1563792_at	-2.15	0.024432	0.811585	AMN	amnion associated transmembrane protein
243996_at	2.42	0.024437	0.811585	RP11-112J3.16	
210893_at	-6.35	0.024466	0.811585		
234367_x_at	-2.02	0.024475	0.811585	TMPRSS6	transmembrane protease, serine 6
206251_s_at	-2.26	0.024486	0.811585	AVPR1A	arginine vasopressin receptor 1A
207617_at	-4.11	0.024505	0.811585	DDX3X	DEAD (Asp-Glu-Ala-Asp) box helicase 3, X-linked
217224_at	-2.35	0.024561	0.811585	OR1E3	olfactory receptor, family 1, subfamily E, member 3 (gene/pseudogene)
237358_at	-5.97	0.024564	0.811585	RP4-555D20.3	
1554117_at	-5.28	0.024568	0.811585	CCDC60	coiled-coil domain containing 60
227223_at	-2.11	0.024589	0.811585	RBM39	RNA binding motif protein 39
239011_at	-4.71	0.024596	0.811585	LOC102724965	collagen alpha-2(I) chain-like
221723_s_at	-2.06	0.024619	0.811585	SLC4A5	solute carrier family 4 (sodium bicarbonate cotransporter), member 5
1561222_at	14.35	0.024622	0.811585	LINC00485	long intergenic non-protein coding RNA 485
1556992_at	-2.68	0.024635	0.811585	LOC550113; UBA6	uncharacterized LOC550113; UBA6 antisense RNA 1 (head to head)

207763_at	-5.78	0.024682	0.811585	S100A5	S100 calcium binding protein A5
229643_at	-5.59	0.024701	0.811585	AC078883.3; AC078883.4	
205534_at	2.61	0.024709	0.811585	PCDH7	protocadherin 7
1562313_at	-2.43	0.024739	0.811585	BCORP1	BCL6 corepressor pseudogene 1
1569443_s_at	-3.03	0.024771	0.811585		
243670_at	-2.74	0.024772	0.811585		
217096_at	-4.5	0.024822	0.811585	PCLO	piccolo presynaptic cytomatrix protein
205602_x_at	-2.18	0.024937	0.811585	PSG7	pregnancy specific beta-1-glycoprotein 7 (gene/pseudogene)
1569700_s_at	-4.13	0.024975	0.811585	AK7	adenylate kinase 7
227806_at	-2.39	0.025053	0.811585	C16orf74	chromosome 16 open reading frame 74
239570_at	-3.27	0.025083	0.811585	RAB1A	RAB1A, member RAS oncogene family
243354_at	-2.27	0.025088	0.811585	HYDIN; HYDIN2; L	HYDIN, axonemal central pair apparatus protein; HYDIN2, axonemal central pair apparatus protein (pseudogene); hydrocephalus-inducing protein homolog

244104_at	-3.4	0.025127	0.811585	MGAT3	mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase
1555939_at	-10.99	0.025129	0.811585	LOC101928001	uncharacterized LOC101928001
244085_at	-2.07	0.025133	0.811585	ZNF653	zinc finger protein 653
243419_at	-3.95	0.025141	0.811585	LOC654342	lymphocyte-specific protein 1 pseudogene
221390_s_at	-2.12	0.025153	0.811585	ASB12; MTMR8	ankyrin repeat and SOCS box containing 12; myotubularin related protein 8
216895_at	-2.68	0.025161	0.811585	GABRG3	gamma-aminobutyric acid (GABA) A receptor, gamma 3
241028_at	-3.25	0.02521	0.811585	RPGRIP1L	RPGRIP1-like
1570127_at	-2.73	0.025213	0.811585	LOC101929144	uncharacterized LOC101929144
204126_s_at	-3.05	0.025235	0.811585	CDC45	cell division cycle 45
1557591_at	-3.16	0.025255	0.811585	LOC283038	uncharacterized LOC283038
233804_at	-15.78	0.025267	0.811585	LINC00544	long intergenic non-protein coding RNA 544
210451_at	-2.6	0.025341	0.811585	PKLR	pyruvate kinase, liver and RBC
1561555_at	-10.57	0.02536	0.811585	LINC00970	long intergenic non-protein coding RNA 970
1563098_at	-3.15	0.025366	0.811585	IGFN1	immunoglobulin-like and fibronectin type III domain containing 1

1569332_at	-5.52	0.025378	0.811585	LINC00488	long intergenic non-protein coding RNA 488
240763_at	-2.85	0.025492	0.811585		
1567284_at	-2.86	0.025529	0.811585	OR1J4	olfactory receptor, family 1, subfamily J, member 4
216223_at	-3.26	0.025545	0.811585	CPN2	carboxypeptidase N, polypeptide 2
1553989_a_at	-2.39	0.025548	0.811585	ATP6V1C2	ATPase, H+ transporting, lysosomal 42kDa, V1 subunit C2
231268_at	-2.94	0.025586	0.811585	MYBL1	v-myb avian myeloblastosis viral oncogene homolog-like 1
203423_at	2.18	0.025636	0.811585	RBP1	retinol binding protein 1, cellular
242991_at	-4.17	0.025638	0.811585	TJP2	tight junction protein 2
207197_at	-10.58	0.025648	0.811585	ZIC3	Zic family member 3
206786_at	4.58	0.025677	0.811585	HTN3	histatin 3
239010_at	3.08	0.025699	0.811585	DUXAP10	double homeobox A pseudogene 10
216512_s_at	-2.02	0.025699	0.811585	DCT	dopachrome tautomerase
243763_x_at	-4.86	0.025713	0.811585		
1557550_at	-2.62	0.02576	0.811585	LINC00906	long intergenic non-protein coding RNA 906
231417_at	9.3	0.025769	0.811585		
235986_at	-3.17	0.025801	0.811585		
203924_at	-2.58	0.025803	0.811585	GSTA1	glutathione S-transferase alpha 1

216139_s_at	-5.29	0.025812	0.811585	MAPK8IP3	mitogen-activated protein kinase 8 interacting protein 3
1562501_at	-2.46	0.025838	0.811585	LOC255177	uncharacterized LOC255177
1556815_at	-3.54	0.025863	0.811585		
234377_at	-2.8	0.025872	0.811585	IL23A; TCRBV6S2A	interleukin 23, alpha subunit p19; SubName: Full=V_segment translation product; Flags: Fragment;
1553077_at	-2.25	0.025953	0.811585	SDR9C7	short chain dehydrogenase/reductase family 9C, member 7
216647_at	-2.48	0.025962	0.811585	TCF3	transcription factor 3
1561210_at	-2.99	0.025998	0.811585	LOC101928539	uncharacterized LOC101928539
240720_at	-4.41	0.026008	0.811585		
235383_at	-3.29	0.026009	0.811585	MYO7B	myosin VIIB
205994_at	-2.17	0.026026	0.811585	ELK4	ELK4, ETS-domain protein (SRF accessory protein 1)
207449_s_at	-3.18	0.026035	0.811585	POFUT2	protein O-fucosyltransferase 2
234463_at	-3.97	0.026101	0.811585		
1570008_at	-2.06	0.026126	0.811585	GNN	Grp94 neighboring nucleotidase pseudogene
240575_at	-3.19	0.026129	0.811585		
231642_at	-2.52	0.026137	0.811585	C6orf201	chromosome 6 open reading frame 201

239959_x_at	-3.39	0.026203	0.811585		
236828_at	-3.28	0.026288	0.811585		
233453_at	-2.54	0.026328	0.811585		
230756_at	-3.57	0.02636	0.811585	ZNF683	zinc finger protein 683
242954_at	-2.09	0.026374	0.811585	LOC101059948	uncharacterized LOC101059948
1564158_a_at	7.8	0.026389	0.811585	VAC14-AS1	VAC14 antisense RNA 1
203271_s_at	3.04	0.026391	0.811585	UNC119	unc-119 homolog (C. elegans)
217003_s_at	-6.75	0.026408	0.811585	ADAM5	ADAM metallopeptidase domain 5, pseudogene
243666_at	5.34	0.026411	0.811585	CELF4	CUGBP, Elav-like family member 4
236085_at	5.32	0.026433	0.811585	CAPSL	calcyphosine-like
206146_s_at	-10.76	0.026473	0.811585	RHAG	Rh-associated glycoprotein
240196_at	-2.67	0.026568	0.811585		
207138_at	-3.09	0.02665	0.811585	PHF2	PHD finger protein 2
238111_at	-2.23	0.026687	0.811585	SDCCAG3	serologically defined colon cancer antigen 3
232755_at	3.59	0.026775	0.811585	UBE2G2	ubiquitin-conjugating enzyme E2G 2
1557862_at	-4.1	0.026814	0.811585	LOC654841	uncharacterized LOC654841
228651_at	-2.35	0.026906	0.811585	VWA1	von Willebrand factor A domain containing 1

1558009_at	-6.63	0.026923	0.811585	SLC1A2	solute carrier family 1 (glial high affinity glutamate transporter), member 2
1557565_a_at	-4.17	0.026939	0.811585	ALKBH3-AS1	ALKBH3 antisense RNA 1
235403_at	-3.86	0.02695	0.811585	RP11-108K3.2	
221317_x_at	7.18	0.026967	0.811585	PCDHB6	protocadherin beta 6
220976_s_at	-2.18	0.027	0.811585	KRTAP1-1	keratin associated protein 1-1
222078_at	-3.01	0.027038	0.811585	PKLR	pyruvate kinase, liver and RBC
240041_at	-5.34	0.027108	0.811585	PTCHD1	patched domain containing 1
230992_at	-2.39	0.027125	0.811585	BTNL9	butyrophilin-like 9
233460_at	-7.71	0.027188	0.811585		
1562926_at	6.13	0.027221	0.811585		
1556294_at	-2.41	0.027236	0.811585	FXVD2	FXVD domain containing ion transport regulator 2
1554348_s_at	-2.49	0.02725	0.811585	CDKN2AIPNL	CDKN2A interacting protein N-terminal like
211846_s_at	-2.28	0.027253	0.811585	PVRL1	poliovirus receptor-related 1 (herpesvirus entry mediator C)
242634_at	-3.62	0.027257	0.811585	GATAD1	GATA zinc finger domain containing 1
237215_s_at	-4.55	0.02736	0.811585	TFRC	transferrin receptor
234633_at	-3.07	0.027366	0.811585	KRTAP4-11	keratin associated protein 4-11
208312_s_at	-3.21	0.027387	0.811585	PRAMEF1; PRAME	PRAME family member 1; PRAME family member 2

237658_at	-7.95	0.027392	0.811585		
1561502_x_at	-2.03	0.027413	0.811585	CTU2	cytosolic thiouridylase subunit 2 homolog (S. pombe)
244503_at	-3.58	0.027416	0.811585		
207562_at	-5.8	0.027527	0.811585	DGKQ	diacylglycerol kinase, theta 110kDa
200974_at	2.09	0.027591	0.811585	ACTA2	actin, alpha 2, smooth muscle, aorta
243198_at	4.61	0.027604	0.811585	TEX9	testis expressed 9
202831_at	-2.46	0.027641	0.811585	GPX2	glutathione peroxidase 2 (gastrointestinal)
1563477_at	-2.66	0.027689	0.811585		
1563950_at	-6.91	0.027709	0.811585		
230698_at	-5.38	0.02771	0.811585	CALN1	calneuron 1
233805_at	7.14	0.027729	0.811585		
215396_at	-8.51	0.027773	0.811585	GPR98	G protein-coupled receptor 98
239422_at	-2.3	0.027773	0.811585	GPC2	glypican 2
239122_at	-2.08	0.027779	0.811585		
1556046_a_at	-2.91	0.027832	0.811585	LINC00599; MIR12599	long intergenic non-protein coding RNA 599; microRNA 124-1
237893_at	-3.12	0.027845	0.811585		
1565788_at	-6.28	0.027852	0.811585		
228854_at	-2.48	0.027873	0.811585		
1555251_a_at	-4.75	0.027918	0.811585	OTOF	otoferlin

240729_at	-3.17	0.027941	0.811585	ERIC6	glutamate-rich 6
214300_s_at	-2.65	0.027975	0.811585	TOP3A	topoisomerase (DNA) III alpha
233144_s_at	-2.03	0.028006	0.811585	RASAL1	RAS protein activator like 1 (GAP1 like)
234598_at	-2.54	0.028008	0.811585		
240381_at	-2.23	0.028036	0.811585		
1569510_at	-7.83	0.028161	0.811585		
215699_x_at	-3.23	0.028162	0.811585	SFI1	Sfi1 homolog, spindle assembly associated (yeast)
1565801_at	-6.38	0.02817	0.811585		
209016_s_at	19.13	0.028233	0.811585	KRT7	keratin 7
1565729_at	-6.9	0.02827	0.811585	RP13-436F16.1	
1556247_a_at	-3.01	0.028347	0.811585	LOC100506271	uncharacterized LOC100506271
242929_at	-3.63	0.028381	0.811585		
207817_at	-5.03	0.028398	0.811585	IFNW1	interferon, omega 1
243095_at	-2.1	0.028487	0.811585	RP11-109M19.1	
1563115_at	-5.37	0.02854	0.811585	BC039673	Homo sapiens, clone IMAGE:5170855, mRNA.
230767_at	-2.9	0.028584	0.811585	RP11-416N2.4	
207158_at	-4.69	0.028653	0.811585	APOBEC1	apolipoprotein B mRNA editing enzyme, catalytic polypeptide 1
230134_s_at	3.16	0.028733	0.811585	RC3H2	ring finger and CCCH-type domains 2
1559169_at	-2.07	0.02877	0.811585	RP1-187B23.1	

203982_s_at	-2.19	0.028859	0.811585	ABCD4	ATP-binding cassette, sub-family D (ALD), member 4
240860_at	-3.77	0.028888	0.811585	RP11-354I10.1	
1559754_at	-3.01	0.028948	0.811585	LTB	lymphotoxin beta (TNF superfamily, member 3)
217316_at	-3.52	0.028988	0.811585	OR7A10	olfactory receptor, family 7, subfamily A, member 10
1565666_s_at	-6.83	0.029011	0.811585	MUC6	mucin 6, oligomeric mucus/gel-forming
231621_at	-3.59	0.029096	0.811585	MPZL1	myelin protein zero-like 1
240975_x_at	-2.88	0.029151	0.811585		
237428_at	-4.24	0.029221	0.811585	TEX43	testis expressed 43
240869_at	-2.09	0.029226	0.811585	KCNB1	potassium voltage-gated channel, Shab-related subfamily, member 1
222944_s_at	-2.37	0.029268	0.811585	MAGIX	MAGI family member, X-linked
1567140_at	-6.91	0.029283	0.811585		
1557874_at	-4.11	0.029288	0.811585	GRID1-AS1	GRID1 antisense RNA 1
1565947_a_at	-2.95	0.029366	0.811585	CHML	choroideremia-like (Rab escort protein 2)
1553531_at	-3.57	0.029369	0.811585	PCSK6	proprotein convertase subtilisin/kexin type 6
211915_s_at	-3.09	0.029372	0.811585	TUBB7P	tubulin, beta 7, pseudogene
1553070_a_at	-2.52	0.029403	0.811585	MYOZ3	myozenin 3

1554198_at	-3.3	0.029407	0.811585	SH3YL1	SH3 and SYLF domain containing 1
221772_s_at	3.69	0.029447	0.811585	PPP2R2D	protein phosphatase 2, regulatory subunit B, delta
1569841_x_at	-13.26	0.029462	0.811585	LOC101927798	uncharacterized LOC101927798
236112_at	-2.28	0.029474	0.811585	LINC01096	long intergenic non-protein coding RNA 1096
1562741_at	-3.12	0.029489	0.811585	UBXN4	UBX domain protein 4
233913_at	-2.09	0.02949	0.811585	WFDC10A	WAP four-disulfide core domain 10A
240055_at	-3.03	0.029524	0.811585		
1555746_at	-2.62	0.029531	0.811585	CD79B	CD79b molecule, immunoglobulin-associated beta
1570208_at	-4.94	0.029564	0.811585	LINC00907	long intergenic non-protein coding RNA 907
1564897_at	-2.78	0.029607	0.811585	TNR	tenascin R
1565581_at	2.69	0.029683	0.811585		
238313_at	-7.17	0.029692	0.811585		
243163_at	-5.19	0.029718	0.811585	HECW1	HECT, C2 and WW domain containing E3 ubiquitin protein ligase 1
244608_at	-4.55	0.02973	0.811585	LOC101927081	uncharacterized LOC101927081
1561062_a_at	4.14	0.029733	0.811585	LOC101928850	uncharacterized LOC101928850

1556371_at	-5.81	0.029747	0.811585	OLIG3	oligodendrocyte transcription factor 3
238308_at	-5.26	0.029768	0.811585	RP11-343H5.6	
239501_at	-3.41	0.029776	0.811585		
241880_x_at	-9.46	0.029857	0.811585		
231648_at	-3.44	0.029858	0.811585		
221322_at	-2.94	0.029986	0.811585	NPVF	neuropeptide VF precursor
232951_at	-5.28	0.029999	0.811585		
243936_x_at	-10.18	0.030091	0.811585		
221714_s_at	-6	0.030121	0.811585	RRN3P1	RNA polymerase I transcription factor homolog (<i>S. cerevisiae</i>) pseudogene 1
216659_at	-2.67	0.030137	0.811585	LOC1720	dihydrofolate reductase pseudogene
242402_x_at	-8.65	0.030148	0.811585	ARAP2; LOC101928	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 2; uncharacterized LOC101928667
1563389_at	-3.21	0.030155	0.811585	LOC101927761	uncharacterized LOC101927761
234619_at	-6.2	0.030193	0.811585		
234293_x_at	-2.61	0.030338	0.811585	RP5-1061H20.3	
1557908_at	-2.38	0.030351	0.811585		
221793_at	-5.88	0.030369	0.811585	DOCK6	dedicator of cytokinesis 6
1553592_x_at	-2.54	0.030399	0.811585	BCRP3	breakpoint cluster region pseudogene 3

244178_at	-4.36	0.030461	0.811585	COMMD7	COMM domain containing 7
1564402_at	-3.18	0.030551	0.811585	LOC146795	uncharacterized LOC146795
1566673_at	-2.12	0.030575	0.811585		
241580_at	-3.14	0.030577	0.811585	ZNF518B	zinc finger protein 518B
201884_at	-2.14	0.030628	0.811585	CEACAM5	carcinoembryonic antigen-related cell adhesion molecule 5
1554583_a_at	-4.31	0.03065	0.811585	METTL20	methyltransferase like 20
232763_at	-4.52	0.030665	0.811585	TLN1	talin 1
226812_at	-8.45	0.030711	0.811585		
1552379_at	-7.28	0.030712	0.811585	RDH10	retinol dehydrogenase 10 (all-trans)
231646_at	-3.29	0.030715	0.811585	DPCR1	diffuse panbronchiolitis critical region 1
1561689_at	-3.74	0.030723	0.811585		
215632_at	-2.34	0.030732	0.811585	NEUROG2	neurogenin 2
235178_x_at	-5.84	0.030783	0.811585	ESCO2	establishment of sister chromatid cohesion N-acetyltransferase 2
232832_at	-2.47	0.030784	0.811585	DKFZp434J0226	uncharacterized LOC93429
40284_at	-3.95	0.030833	0.811585	FOXA2	forkhead box A2
220879_at	-2.9	0.03084	0.811585		
210040_at	-3.15	0.030848	0.811585	SLC12A5	solute carrier family 12 (potassium/chloride transporter), member 5

1569732_at	-5.65	0.030877	0.811585	BC070118	Homo sapiens cDNA clone IMAGE:4828221.
237610_at	-2.17	0.03094	0.811585	LOC101929512	uncharacterized LOC101929512
1559377_at	-2.3	0.031093	0.811585		
207823_s_at	-2.44	0.03111	0.811585	AIF1	allograft inflammatory factor 1
208353_x_at	-2.38	0.031119	0.811585	ANK1	ankyrin 1, erythrocytic
1564264_at	-3.52	0.031176	0.811585	RP11-65J3.14	
234470_at	-5.28	0.031201	0.811585	SSU72P8	SSU72 pseudogene 8
240995_at	-2.1	0.031272	0.811585		
234319_at	-2.24	0.031288	0.811585	STOX2	storkhead box 2
214461_at	-3.35	0.031307	0.811585	LBP	lipopolysaccharide binding protein
1561707_at	-12.57	0.031365	0.811585	LINC00895	long intergenic non-protein coding RNA 895
207080_s_at	-7.06	0.031392	0.811585	PYY	peptide YY
232054_at	2.36	0.031433	0.811585	LOC101926951; PC	uncharacterized LOC101926951; protocadherin 20
1561353_at	-2.55	0.031462	0.811585	LOC101927690	uncharacterized LOC101927690
1553258_at	-3.37	0.031508	0.811585	FLJ30679	uncharacterized protein FLJ30679
221266_s_at	-2.51	0.031525	0.811585	DCSTAMP	dendrocyte expressed seven transmembrane protein
228350_at	-2.98	0.031533	0.811585	UNC13D	unc-13 homolog D (C. elegans)
1552835_at	-2.4	0.031649	0.811585	DENND1B	DENN/MADD domain containing 1B

1566037_at	-3.88	0.03167	0.811585	DGCR7	DiGeorge syndrome critical region gene 7
244120_at	-2.89	0.03169	0.811585	LOC340178	uncharacterized LOC340178
1559402_a_at	-4.86	0.031693	0.811585	C1orf61	chromosome 1 open reading frame 61
230801_at	-2.05	0.031695	0.811585	RPRD1B	regulation of nuclear pre-mRNA domain containing 1B
238991_at	-2.08	0.031718	0.811585	ASB1	ankyrin repeat and SOCS box containing 1
1566748_at	-2.62	0.031721	0.811585		
214509_at	-6.67	0.031749	0.811585	HIST1H3I	histone cluster 1, H3i
238202_at	-5.68	0.031805	0.811585		
1561101_at	-6.55	0.031822	0.811585	JAKMIP2-AS1	JAKMIP2 antisense RNA 1
240832_at	-3.61	0.031833	0.811585		
244469_at	-2.17	0.031834	0.811585		
243101_x_at	-2.56	0.03186	0.811585	XKR7	XK, Kell blood group complex subunit-related family, member 7
1552715_a_at	-3.89	0.031869	0.811585	RXFP1	relaxin/insulin-like family peptide receptor 1
236108_at	-3.25	0.031887	0.811585	EPG5	ectopic P-granules autophagy protein 5 homolog (C. elegans)
1553448_at	-2.73	0.031887	0.811585	FLJ34503	uncharacterized FLJ34503
231731_at	-5.56	0.031916	0.811585	OTX2	orthodenticle homeobox 2

1560295_at	-2.34	0.031933	0.811585	CYP19A1	cytochrome P450, family 19, subfamily A, polypeptide 1
206692_at	-6.09	0.032028	0.811585	KCNJ10	potassium inwardly-rectifying channel, subfamily J, member 10
207342_at	-8.15	0.032094	0.811585	CNGB1	cyclic nucleotide gated channel beta 1
221037_s_at	-25.52	0.032304	0.811585	SLC25A31	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 31
1553424_at	-4.24	0.032362	0.811585	C12orf40	chromosome 12 open reading frame 40
208069_x_at	-2.14	0.032452	0.811585	CSH1; CSHL1; GH1	chorionic somatomammotropin hormone 1 (placental lactogen); chorionic somatomammotropin hormone-like 1; growth hormone 1; growth hormone 2
242980_at	-3.55	0.032488	0.811585	COMMD10	COMM domain containing 10
213744_at	-2.76	0.032504	0.811585	ATRNL1	attractin-like 1
215288_at	4.65	0.032507	0.811585	TRPC2	transient receptor potential cation channel, subfamily C, member 2, pseudogene
240887_at	-3.85	0.03256	0.811585	LOC100506470	uncharacterized LOC100506470
1556625_a_at	-3.65	0.032598	0.811585	RP11-214K3.20	

1556153_s_at	-2.91	0.032613	0.811585		
237986_at	-2.55	0.032618	0.811585		
1560877_a_at	-12.24	0.032618	0.811585	RP11-21G15.1	
231514_at	-2.6	0.032655	0.811585	C1orf94	chromosome 1 open reading frame 94
211116_at	-5.82	0.032676	0.811585	SLC9A2	solute carrier family 9, subfamily A (NHE2, cation proton antiporter 2), member 2
237345_at	-3.07	0.032698	0.811585	RP11-349E4.1	
221916_at	-2.41	0.032705	0.811585	NEFL	neurofilament, light polypeptide
207086_x_at	-6.86	0.032715	0.811585	GAGE1; GAGE12B;	G antigen 1; G antigen 12B; G antigen 12C; G antigen 12D; G antigen 12E; G antigen 12F; G antigen 12G; G antigen 12H; G antigen 12I; G antigen 12J; G antigen 13; G antigen 2A; G antigen 2C; G antigen 2D; G antigen 2E; G antigen 4; G antigen 5; G antigen 6; G antigen 7; G antigen 8
244184_at	-5.99	0.032755	0.811585		
1564474_at	-2.8	0.032831	0.811585	ZBED3-AS1	ZBED3 antisense RNA 1
214303_x_at	-2.11	0.032839	0.811585	MUC5AC	mucin 5AC, oligomeric mucus/gel-forming

242976_at	-2.2	0.032938	0.811585		
1564841_at	-3.25	0.032999	0.811585		
237516_at	-5.18	0.033	0.811585		
203348_s_at	2.22	0.03316	0.811585	ETV5	ets variant 5
1560854_s_at	2.6	0.033202	0.811585	ZNF107	zinc finger protein 107
1554459_s_at	3.86	0.033244	0.811585	CFHR3	complement factor H-related 3
1553912_at	-4.42	0.033354	0.811585	LINC00955	long intergenic non-protein coding RNA 955
1559244_at	-3.84	0.033354	0.811585	FMN2	formin 2
216025_x_at	-2.32	0.033373	0.811585	CYP2C9	cytochrome P450, family 2, subfamily C, polypeptide 9
221422_s_at	-6.12	0.033457	0.811585	MIR600; MIR600H	microRNA 600; MIR600 host gene (non-protein coding)
236890_at	-3.91	0.033531	0.811585	MTG2	mitochondrial ribosome-associated GTPase 2
224388_s_at	-2.53	0.033553	0.811585	COL25A1	collagen, type XXV, alpha 1
234191_at	-2.27	0.033585	0.811585	BCL2L14	BCL2-like 14 (apoptosis facilitator)
229526_at	6.79	0.033639	0.811585	AQP11	aquaporin 11
1553552_at	-2.96	0.033644	0.811585	TAAR8	trace amine associated receptor 8
233659_at	-10.93	0.033728	0.811585		
220510_at	-2.43	0.033743	0.811585	RHBG	Rh family, B glycoprotein (gene/pseudogene)

215862_at	-2.64	0.033783	0.811585		
1559372_at	-3.03	0.033803	0.811585	LOC101928043	uncharacterized LOC101928043
1556356_at	-2.89	0.033863	0.811585	ERICH1	glutamate-rich 1
241118_at	-3.73	0.033922	0.811585	LINC00462	long intergenic non-protein coding RNA 462
1555100_at	-3.36	0.033924	0.811585	APLF	aprataxin and PNKP like factor
1559792_at	-4.93	0.033931	0.811585		
1555237_at	-2.07	0.033946	0.811585		
201882_x_at	-3.04	0.033952	0.811585	B4GALT1	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 1
232979_at	-5.2	0.033955	0.811585	MIR10A	microRNA 10a
1562414_at	-11.99	0.033977	0.811585	LOC100509814	uncharacterized LOC100509814
1562475_at	-3.99	0.033979	0.811585	TEX41	testis expressed 41 (non-protein coding)
223633_s_at	-5.86	0.034016	0.811585	BC005081; RP11-2	Homo sapiens brevican, mRNA (cDNA clone IMAGE:3618761), with apparent retained intron.
221300_at	-2.33	0.034053	0.811585	NPAP1	nuclear pore associated protein 1
233928_at	-3.27	0.034108	0.811585	LOC101929335	uncharacterized LOC101929335
1553465_a_at	-3.29	0.03413	0.811585	CES5A	carboxylesterase 5A
214637_at	-2.84	0.034259	0.811585	OSM	oncostatin M
207009_at	-3.52	0.034291	0.811585	PHOX2B	paired-like homeobox 2b
238518_x_at	-2.02	0.034305	0.811585	GLYCK	glycerate kinase

229274_at	-2.06	0.034319	0.811585	GNAS	GNAS complex locus
1558406_a_at	-7.96	0.034326	0.811585		
233897_at	-2.43	0.034337	0.811585	FEZF2	FEZ family zinc finger 2
221577_x_at	-2.18	0.034357	0.811585	GDF15	growth differentiation factor 15
228649_at	-6.77	0.034364	0.811585	NOTUM	notum pectinacetyltransferase homolog (Drosophila)
1554259_at	-2.65	0.03438	0.811585	GPSM1	G-protein signaling modulator 1
220662_s_at	-2.28	0.034419	0.811585	HEYL	hes-related family bHLH transcription factor with YRPW motif-like
241510_at	-8.38	0.034436	0.811585	PLSCR2	phospholipid scramblase 2
214347_s_at	3.11	0.034535	0.811585	DDC	dopa decarboxylase (aromatic L-amino acid decarboxylase)
216762_at	-2.35	0.034551	0.811585		
1560946_at	-2.34	0.034571	0.811585		
1557607_at	-13	0.034604	0.811585	LOC284080	uncharacterized LOC284080
1553412_at	2.37	0.034624	0.811585	AGBL4	ATP/GTP binding protein-like 4
1554908_at	-2.91	0.034667	0.811585	HYDIN	HYDIN, axonemal central pair apparatus protein
216426_at	-2.98	0.034682	0.811585	TCEB1P3	transcription elongation factor B (SIII), polypeptide 1 pseudogene 3
229607_at	-3.67	0.034737	0.811585	AC005306.3	

216696_s_at	-2.59	0.034739	0.811585	PRODH2	proline dehydrogenase (oxidase) 2
239712_at	5.96	0.034782	0.811585	CCDC171	coiled-coil domain containing 171
229150_at	-2.19	0.034826	0.811585		
215674_at	-4.09	0.034829	0.811585		
1554409_at	-2.16	0.034846	0.811585	WBSCR16	Williams-Beuren syndrome chromosome region 16
239048_at	-2.44	0.03485	0.811585		
206162_x_at	-2.4	0.034868	0.811585	SYT5	synaptotagmin V
237350_at	-2.45	0.035	0.811585	TTC36	tetratricopeptide repeat domain 36
224295_at	-6.77	0.035073	0.811585		
1570007_at	-2.14	0.035094	0.811585	LOC101927933; LR	uncharacterized LOC101927933; leucine rich repeat containing 8 family, member C
230668_at	-2.34	0.035135	0.811585	NKAIN4	Na ⁺ /K ⁺ transporting ATPase interacting 4
1557606_at	-9.9	0.035139	0.811585	LOC101928002	uncharacterized LOC101928002
1555655_at	-2.84	0.035159	0.811585	OR10A4	olfactory receptor, family 10, subfamily A, member 4
208088_s_at	-3.19	0.035245	0.811585	CFHR5	complement factor H-related 5
1552973_at	-3.29	0.035265	0.811585	WNT9B	wingless-type MMTV integration site family, member 9B
204292_x_at	3.02	0.035322	0.811585	STK11	serine/threonine kinase 11

210433_at	-2.08	0.035323	0.811585	POFUT1	protein O-fucosyltransferase 1
232900_at	-2.99	0.035329	0.811585	HERC2P7	hect domain and RLD 2 pseudogene 7
233902_at	-4.39	0.035333	0.811585	GUCA1C	guanylate cyclase activator 1C
1555628_a_at	4.89	0.035411	0.811585	HAVCR2	hepatitis A virus cellular receptor 2
241369_at	-8.66	0.035439	0.811585	LOC101929335	uncharacterized LOC101929335
234918_at	-3.09	0.035447	0.811585	GLTSCR2	glioma tumor suppressor candidate region gene 2
240664_at	-2.47	0.035474	0.811585		
219401_at	2.08	0.035511	0.811585	XYLT2	xylosyltransferase II
203443_at	-2.42	0.035538	0.811585	EML3	echinoderm microtubule associated protein like 3
223059_s_at	2.46	0.035542	0.811585	FAM107B	family with sequence similarity 107, member B
231527_at	-3.29	0.035563	0.811585	FLJ36840	uncharacterized LOC645524
236372_at	-2.41	0.03557	0.811585	PANX1	pannexin 1
243544_at	-13.28	0.035636	0.811585	ADH1B	alcohol dehydrogenase 1B (class I), beta polypeptide
241990_at	-7.94	0.03573	0.811585	RHOV	ras homolog family member V
215098_at	-2.56	0.035744	0.811585	RXRB	retinoid X receptor, beta
236084_at	-3.49	0.035778	0.811585		
223720_at	-3.36	0.035815	0.811585	SPINK7	serine peptidase inhibitor, Kazal type 7 (putative)

243555_at	-2.11	0.035882	0.811585		
241439_at	-7.54	0.035882	0.811585	LOC101929004	uncharacterized LOC101929004
1555019_at	-3.68	0.035888	0.811585	CDHR1	cadherin-related family member 1
217063_x_at	-2.03	0.035889	0.811585	YME1L1	YME1-like 1 ATPase
1570327_at	-5.4	0.035911	0.811585	C20orf62	chromosome 20 open reading frame 62
202885_s_at	-3.01	0.035921	0.811585	PPP2R1B	protein phosphatase 2, regulatory subunit A, beta
232306_at	3.16	0.035932	0.811585	CDH26	cadherin 26
1561010_a_at	-2.46	0.035953	0.811585	MAOB	monoamine oxidase B
204922_at	2.32	0.036063	0.811585	C11orf80	chromosome 11 open reading frame 80
216507_at	-3.12	0.036105	0.811585	TAPT1	transmembrane anterior posterior transformation 1
238116_at	3.25	0.036114	0.811585	DYNLRB2	dynein, light chain, roadblock-type 2
223778_at	-5.02	0.036138	0.811585	KIF9	kinesin family member 9
227733_at	-4.21	0.036162	0.811585	TMEM63C	transmembrane protein 63C
1558640_a_at	-5.86	0.036164	0.811585	GUSBP1	glucuronidase, beta pseudogene 1
1565746_at	-5.03	0.03618	0.811585	IPO5P1	importin 5 pseudogene 1
235951_s_at	-9.81	0.03619	0.811585	ZNF688	zinc finger protein 688
1569670_at	-2.92	0.036202	0.811585	PP12613	uncharacterized LOC100192379

206863_x_at	-3.95	0.036228	0.811585		
207502_at	-4.34	0.036232	0.811585	GUCA2B	guanylate cyclase activator 2B (uroguanylin)
1565742_at	-8.18	0.036326	0.811585		
1553063_at	9.6	0.036354	0.811585	GPR78	G protein-coupled receptor 78
220540_at	3.78	0.03638	0.811585	KCNK15	potassium channel, subfamily K, member 15
1561202_at	-2.51	0.036417	0.811585		
206971_at	-3.05	0.036425	0.811585	GPR161	G protein-coupled receptor 161
216106_at	-4.38	0.036442	0.811585	LOC145678	uncharacterized LOC145678
230514_s_at	-3.73	0.036546	0.811585	LYZL1; LYZL2	lysozyme-like 1; lysozyme-like 2
1566176_at	-3.58	0.036552	0.811585	CLYBL-AS1	CLYBL antisense RNA 1
1555703_at	-2.06	0.03656	0.811585	ST3GAL3	ST3 beta-galactoside alpha-2,3-sialyltransferase 3
231833_at	-2.48	0.036577	0.811585	RBM33	RNA binding motif protein 33
240501_at	-2.44	0.036599	0.811585		
1562353_x_at	3.85	0.036599	0.811585	LOC101928583	uncharacterized LOC101928583
216388_s_at	3.97	0.03664	0.811585	LTB4R	leukotriene B4 receptor
235720_at	-2.16	0.036647	0.811585	CRIP3	cysteine-rich protein 3
201743_at	2.08	0.036687	0.811585	CD14	CD14 molecule
220447_at	-2.41	0.036697	0.811585	HRH3	histamine receptor H3
1561513_at	-2.93	0.036723	0.811585	LOC101927310	uncharacterized LOC101927310
217715_x_at	-2.67	0.036728	0.811585		
1569817_at	-6.08	0.036734	0.811585	LOC100996590	uncharacterized LOC100996590

216364_s_at	-3.87	0.036735	0.811585	AFF2	AF4/FMR2 family, member 2
235978_at	-2.11	0.036791	0.811585	FABP4	fatty acid binding protein 4, adipocyte
216436_at	-4.9	0.036801	0.811585	PIK3R4	phosphoinositide-3-kinase, regulatory subunit 4
1566543_at	-4.91	0.036811	0.811585		
239209_at	-4.82	0.036826	0.811585	AF131215.8	
1556288_at	-5.02	0.036856	0.811585	SMIM21	small integral membrane protein 21
244707_at	-2.88	0.03692	0.811585	RP11-272D12.1	
220415_at	-2.93	0.036921	0.811585	FPGT-TNNI3K; TN	FPGT-TNNI3K readthrough; TNNI3 interacting kinase
237305_at	-2.17	0.036951	0.811585		
1560149_at	-2.02	0.036967	0.811585	SLC29A2	solute carrier family 29 (equilibrative nucleoside transporter), member 2
241436_at	2.99	0.036987	0.811585	SCNN1G	sodium channel, non-voltage-gated 1, gamma subunit
207756_at	-8.25	0.037039	0.811725		
209940_at	2.35	0.037138	0.812156	PARP3	poly (ADP-ribose) polymerase family, member 3
236774_at	-2.18	0.037159	0.812156		

227487_s_at	2.49	0.037191	0.812156	SERPINE2	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2
234795_at	-3.19	0.037311	0.812156		
203004_s_at	-2.55	0.037394	0.812156	MEF2D	myocyte enhancer factor 2D
204356_at	-2.8	0.037441	0.812156	LIMK1	LIM domain kinase 1
234532_at	-3.08	0.037456	0.812156		
220889_s_at	-7.32	0.037495	0.812156	CA10	carbonic anhydrase X
225683_x_at	-2.43	0.037545	0.812156	PHPT1	phosphohistidine phosphatase 1
240268_at	-2.07	0.037588	0.812156	LOC440117	uncharacterized LOC440117
243257_at	-13.68	0.037616	0.812156		
1555550_at	-6.31	0.037648	0.812156	ZACN	zinc activated ligand-gated ion channel
1564697_a_at	-5.53	0.037717	0.812156	LINC01144	long intergenic non-protein coding RNA 1144
230714_s_at	-2.53	0.037735	0.812156		
1554992_at	-3.05	0.037752	0.812156	RASGRF1	Ras protein-specific guanine nucleotide-releasing factor 1
231362_at	-2.4	0.03778	0.812156		
234713_x_at	-2.13	0.037809	0.812156		
237642_at	-2.44	0.037868	0.812156	CTBP1-AS2	CTBP1 antisense RNA 2 (head to head)
244823_at	-2.59	0.03791	0.812156	LOC100129034	uncharacterized LOC100129034

220744_s_at	2.1	0.037954	0.812156	IFT122; LOC10192	intraflagellar transport 122 homolog (Chlamydomonas); intraflagellar transport protein 122 homolog
231743_at	3.75	0.037968	0.812156	LOC101929777; W	uncharacterized LOC101929777; wingless-type MMTV integration site family, member 3
231553_s_at	-2.09	0.038039	0.812156	MICAL3	microtubule associated monooxygenase, calponin and LIM domain containing 3
205328_at	-2.13	0.038043	0.812156	CLDN10	claudin 10
241255_at	-2.35	0.038063	0.812156	CTNNA3	catenin (cadherin-associated protein), alpha 3
211910_at	-2.34	0.03812	0.812156		
213978_at	-4.01	0.038181	0.812156	MTSS1L	metastasis suppressor 1-like
210920_x_at	-2.03	0.038226	0.812156		
1564356_at	-3.55	0.038299	0.812156	ZNF568	zinc finger protein 568
206549_at	-2.28	0.038306	0.812156	INSL4	insulin-like 4 (placenta)
1556876_s_at	-2.21	0.038311	0.812156	LOC101930578; TP	uncharacterized LOC101930578; transmembrane phosphoinositide 3-phosphatase and tensin homolog 2 pseudogene 2
1555718_x_at	-10.63	0.038355	0.812156		
1562558_at	-2.71	0.038403	0.812156	LOC440704	uncharacterized LOC440704

1553196_a_at	-2.04	0.038445	0.812156	FCRL3	Fc receptor-like 3
201203_s_at	4.84	0.038484	0.812156	RRBP1	ribosome binding protein 1
1559283_a_at	-2.72	0.038546	0.812156	CNPY1	canopy FGF signaling regulator 1
205643_s_at	-2.47	0.038551	0.812156	PPP2R2B	protein phosphatase 2, regulatory subunit B, beta
1555196_at	-2.93	0.038616	0.812156	LINC00421	long intergenic non-protein coding RNA 421
243404_at	-2.47	0.038617	0.812156		
242591_at	-5	0.038692	0.812156	DNAH1	dynein, axonemal, heavy chain 1
237539_at	-4.04	0.0387	0.812156		
1566157_x_at	-2.13	0.038752	0.812156		
216703_at	-2.97	0.038757	0.812156		
1564202_at	-6.26	0.038829	0.812156	LOC100131756	uncharacterized LOC100131756
227398_s_at	-3.26	0.038838	0.812156	MIDN	midnolin
243793_at	-3.35	0.038975	0.813039	AHDC1	AT hook, DNA binding motif, containing 1
1557495_at	-2.47	0.039239	0.815723		
223970_at	-2.75	0.039248	0.815723	RETNLB	resistin like beta
236326_at	-2.01	0.039422	0.815725	HDAC7	histone deacetylase 7
206904_at	2.51	0.03956	0.815725	MATN1	matrilin 1, cartilage matrix protein
235823_at	-2.05	0.039608	0.815725	ACSF3	acyl-CoA synthetase family member 3

230718_at	2.91	0.039609	0.815725	HSF5	heat shock transcription factor family member 5
204285_s_at	2.14	0.039615	0.815725	PMAIP1	phorbol-12-myristate-13-acetate-induced protein 1
1562991_at	-9.76	0.039744	0.815725	ZNF292	zinc finger protein 292
1569144_a_at	-7.16	0.03975	0.815725	CYSRT1	cysteine-rich tail protein 1
217035_at	-3.9	0.039788	0.815725	SKAP2	src kinase associated phosphoprotein 2
1553893_at	-2.23	0.039859	0.815725	CCDC105	coiled-coil domain containing 105
1562579_at	-2.49	0.039883	0.815725		
232923_at	4.66	0.039903	0.815725		
219867_at	3.23	0.039966	0.815725	CHODL	chondrolectin
208504_x_at	3.52	0.040012	0.815725	PCDHB11	protocadherin beta 11
208497_x_at	-2.74	0.040015	0.815725	NEUROG1	neurogenin 1
239000_at	-2.47	0.04011	0.815725	BRD4	bromodomain containing 4
217295_at	-4.08	0.040148	0.815725	MUC8	mucin 8
1552898_a_at	3.28	0.040155	0.815725	KCNG3	potassium voltage-gated channel, subfamily G, member 3
1563839_at	-2.65	0.040177	0.815725	TBC1D7	TBC1 domain family, member 7
221429_x_at	-2.67	0.040222	0.815725	TEX13A	testis expressed 13A
210763_x_at	-3.22	0.040225	0.815725	NCR3	natural cytotoxicity triggering receptor 3
1564154_at	-3.55	0.040238	0.815725		

205544_s_at	-2.5	0.040262	0.815725	CR2	complement component (3d/Epstein Barr virus) receptor 2
234790_at	-4.13	0.040263	0.815725		
1554337_at	-2.84	0.040273	0.815725	FARP2	FERM, RhoGEF and pleckstrin domain protein 2
216586_at	-2.44	0.040288	0.815725		
216936_at	-3.04	0.040464	0.815725		
237149_at	-3.26	0.040578	0.815725		
242331_x_at	-2.03	0.040635	0.815725	LOC642236	FSDH region gene 1 pseudogene
244350_at	-4.36	0.040644	0.815725	MYO10	myosin X
234508_at	-2.96	0.040662	0.815725		
221240_s_at	-2.04	0.040691	0.815725	B3GNT4	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 4
240819_at	-8.04	0.04092	0.815725		
231138_at	5.76	0.040963	0.815725	TRPC5OS	TRPC5 opposite strand
214380_at	-6.65	0.041004	0.815725	PRPF31	pre-mRNA processing factor 31
235854_x_at	3.33	0.041082	0.815725	ROCK1	Rho-associated, coiled-coil containing protein kinase 1
1559452_a_at	-2.09	0.041128	0.815725		
1553944_at	-2.13	0.041152	0.815725	CTAGE5; MIA2	CTAGE family, member 5; melanoma inhibitory activity 2

244243_at	-2.19	0.041233	0.815725	FAM230B	family with sequence similarity 230, member B (non-protein coding)
236642_at	-2.12	0.041238	0.815725	C5orf63	chromosome 5 open reading frame 63
238938_at	-2.42	0.041259	0.815725		
1553067_a_at	-2.58	0.041319	0.815725	GNRHR2	gonadotropin-releasing hormone (type 2) receptor 2, pseudogene
1554601_at	-2.39	0.041363	0.815725	NKAIN2	Na ⁺ /K ⁺ transporting ATPase interacting 2
1568513_x_at	-2.75	0.041366	0.815725		
1553593_a_at	-3.82	0.041471	0.815725	TAL2	T-cell acute lymphocytic leukemia 2
230847_at	-2.07	0.041478	0.815725	WRNIP1	Werner helicase interacting protein 1
206246_at	-4.97	0.041503	0.815725	PFKFB4	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4
239547_at	-8.03	0.041571	0.815725	HS3ST6	heparan sulfate (glucosamine) 3-O-sulfotransferase 6
230754_at	2.71	0.041593	0.815725	ZBTB38	zinc finger and BTB domain containing 38
1557446_x_at	-3.17	0.041636	0.815725	TREML3P	triggering receptor expressed on myeloid cells-like 3, pseudogene

1569560_at	-3.16	0.041711	0.815725	HIRA	histone cell cycle regulator
1562629_a_at	-4.53	0.041937	0.815725	KRT40	keratin 40
1553591_at	-3.18	0.041946	0.815725	BCRP3	breakpoint cluster region pseudogene 3
234477_at	-3.87	0.041953	0.815725	IGHA1; IGHV4-31	immunoglobulin heavy constant alpha 1; immunoglobulin heavy variable 4-31
220866_at	-6.51	0.041968	0.815725	ADAMTS6	ADAM metallopeptidase with thrombospondin type 1 motif, 6
1555224_at	-3.33	0.041975	0.815725	CCDC148-AS1	CCDC148 antisense RNA 1
204843_s_at	3.5	0.042002	0.815725	PRKAR2A	protein kinase, cAMP-dependent, regulatory, type II, alpha
229416_at	-8.52	0.042018	0.815725	CLPTM1L	CLPTM1-like
239618_at	-2.18	0.042041	0.815725	SEC16B	SEC16 homolog B (<i>S. cerevisiae</i>)
241227_at	-2.86	0.042106	0.815725		
1557713_at	-3.92	0.042175	0.815725		
1556058_s_at	2.8	0.042178	0.815725	SPEN	spen family transcriptional repressor
223992_x_at	2.24	0.042194	0.815725	ZCWPW1	zinc finger, CW type with PWWP domain 1
216549_s_at	3.28	0.042258	0.815725	TBC1D22B	TBC1 domain family, member 22B
234928_x_at	-4.5	0.042288	0.815725	RUNX3	runt-related transcription factor 3
243415_at	-2.45	0.042334	0.815725		

1560018_at	-5.78	0.042348	0.815725	ARPP21	cAMP-regulated phosphoprotein, 21kDa
241553_at	-4.69	0.042366	0.815725	GSG1	germ cell associated 1
228434_at	-3.15	0.042395	0.815725	BTNL9	butyrophilin-like 9
237479_at	4.03	0.042488	0.815725		
217382_at	-2.67	0.042494	0.815725	CLIC1P1	chloride intracellular channel 1 pseudogene 1
1555794_at	3.9	0.042515	0.815725	ARL17A; ARL17B;	ADP-ribosylation factor-like 17A; ADP- ribosylation factor-like 17B; ADP- ribosylation factor-like protein 17-like
230601_s_at	-2.19	0.042552	0.815725	LRRC46	leucine rich repeat containing 46
233670_at	13.22	0.04257	0.815725		
1570537_a_at	-2.62	0.042575	0.815725		
231224_x_at	-2.06	0.042599	0.815725	PRKAG2	protein kinase, AMP-activated, gamma 2 non-catalytic subunit
215958_at	-4.66	0.04263	0.815725		
1561053_at	2.45	0.042661	0.815725		
244818_at	-2.02	0.04271	0.815725	ZNF780B	zinc finger protein 780B
232869_at	-8.76	0.042775	0.815725	SRGAP3	SLIT-ROBO Rho GTPase activating protein 3
229877_at	3.09	0.042821	0.815725	NEO1	neogenin 1
233550_s_at	-3.97	0.042824	0.815725	SLC4A11	solute carrier family 4, sodium borate transporter, member 11

209400_at	-4.38	0.042833	0.815725	SLC12A4	solute carrier family 12 (potassium/chloride transporter), member 4
214243_s_at	2.05	0.04285	0.815725	SERHL; SERHL2	serine hydrolase-like; serine hydrolase- like 2
213751_at	2.75	0.042858	0.815725	PPP1R37	protein phosphatase 1, regulatory subunit 37
202145_at	7.25	0.042884	0.815725	LY6E	lymphocyte antigen 6 complex, locus E
224753_at	4.78	0.042888	0.815725	CDCA5	cell division cycle associated 5
238364_x_at	2.44	0.042912	0.815725	GLI4	GLI family zinc finger 4
239813_at	-3.01	0.042972	0.815725	IQCH	IQ motif containing H
204384_at	2.09	0.043009	0.816115	GOLGA2	golgin A2
234503_at	-2.26	0.043052	0.816202		
216327_s_at	-2.04	0.043062	0.816202	SIGLEC8	sialic acid binding Ig-like lectin 8
230021_at	-7.69	0.043087	0.816202	TICRR	TOPBP1-interacting checkpoint and replication regulator
229122_x_at	-2.32	0.043117	0.816487	NPRL3	nitrogen permease regulator-like 3 (S. cerevisiae)
202966_at	-3.36	0.043173	0.816642	CAPN6	calpain 6
242942_at	-2.4	0.04319	0.816642	SLC38A10	solute carrier family 38, member 10
1555608_at	-2.57	0.043202	0.816642	CAPRN2	caprin family member 2
233484_at	-4.83	0.043222	0.816642		

236919_at	-2.75	0.043264	0.816642		
229973_at	-7.46	0.043269	0.816642	ERICH3	glutamate-rich 3
1567379_at	-13.27	0.043317	0.816642		
241960_at	-2.28	0.043322	0.816642	CSMD1	CUB and Sushi multiple domains 1
235578_at	-6.72	0.043377	0.816642	ABCC9	ATP-binding cassette, sub-family C (CFTR/MRP), member 9
227023_at	-3.14	0.043465	0.816642	GLI4; ZFP41	GLI family zinc finger 4; ZFP41 zinc finger protein
229266_at	-2.33	0.043548	0.816642	SHISA6	shisa family member 6
236690_at	-2.41	0.043604	0.816642	RHBDD1	rhomboid domain containing 1
1562079_at	-2.52	0.043649	0.816642		
242324_x_at	-2.63	0.043729	0.817471	CCBE1	collagen and calcium binding EGF domains 1
244844_at	-2.34	0.043765	0.817471		
237558_at	-5.64	0.043766	0.817471		
220658_s_at	-4.2	0.04378	0.817471	ARNTL2	aryl hydrocarbon receptor nuclear translocator-like 2
210722_at	-3.91	0.043783	0.817471	PNLIPRP1	pancreatic lipase-related protein 1
230627_at	-2.64	0.043864	0.817617		
210569_s_at	-2.94	0.043929	0.817617	SIGLEC9	sialic acid binding Ig-like lectin 9
1556956_at	-2.44	0.04402	0.817617	KCP	kielin/chordin-like protein
222966_at	4.72	0.044044	0.817617	TLK1	tousled-like kinase 1

221720_s_at	-2.92	0.044048	0.817617		
226226_at	-2.18	0.044131	0.817617	TMEM45B	transmembrane protein 45B
231799_at	-4.01	0.044223	0.817617	TANC2	tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 2
1566978_at	-3.3	0.044233	0.817617		
1562637_at	-5.48	0.044285	0.817617	SAMD12	sterile alpha motif domain containing 12
236852_at	-2.55	0.044291	0.817617	FBXO43	F-box protein 43
1563856_at	4.77	0.0443	0.817617		
214387_x_at	-2.15	0.044305	0.817617	SFTPC	surfactant protein C
216635_at	-2.78	0.044523	0.817617		
217183_at	-3.06	0.044524	0.817617	SPC24	SPC24, NDC80 kinetochore complex component
239431_at	2.1	0.04455	0.817617	TICAM2; TMED7-T	toll-like receptor adaptor molecule 2; TMED7-TICAM2 readthrough
1557864_x_at	-2.14	0.044569	0.817617	LOC101928388	uncharacterized LOC101928388
220389_at	3.03	0.044663	0.817617	CCDC81	coiled-coil domain containing 81
1562788_at	-2.53	0.044699	0.817617	LINC01342	long intergenic non-protein coding RNA 1342
214234_s_at	-2.38	0.04476	0.817617	CYP3A5	cytochrome P450, family 3, subfamily A, polypeptide 5
205906_at	-2.91	0.044816	0.817617	FOXJ1	forkhead box J1

1562894_at	-2.06	0.04486	0.817617		
229403_at	-4.14	0.044885	0.817617	B4GALT1	UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 1
221520_s_at	-2.19	0.044895	0.817617	CDCA8	cell division cycle associated 8
207211_at	-3.65	0.044931	0.817617	USP2	ubiquitin specific peptidase 2
239299_at	-2.51	0.044978	0.817617	DDI1	DNA-damage inducible 1 homolog 1 (S. cerevisiae)
215715_at	-2.31	0.045031	0.817617	SLC6A2	solute carrier family 6 (neurotransmitter transporter), member 2
215226_at	-2.76	0.045037	0.817617	EXPH5	exophilin 5
221445_at	-12.03	0.045095	0.817617	OR1A2	olfactory receptor, family 1, subfamily A, member 2
244781_x_at	3.83	0.045108	0.817617		
233478_at	-2.31	0.045164	0.817617		
1555038_at	2.65	0.045365	0.817617	EPB41L4A	erythrocyte membrane protein band 4.1 like 4A
237545_at	-2.21	0.045418	0.817617		
205828_at	-4.29	0.045516	0.817617	MMP3	matrix metalloproteinase 3 (stromelysin 1, progelatinase)
235234_at	2.48	0.045518	0.817617	PATL1	protein associated with topoisomerase II homolog 1 (yeast)

206048_at	-2.28	0.045539	0.817617	OVOL2	ovo-like zinc finger 2
217091_at	2.97	0.045543	0.817617		
208458_at	-2.28	0.045552	0.817617	SCNN1D	sodium channel, non-voltage-gated 1, delta subunit
243043_at	-2.55	0.045555	0.817617		
229284_at	-9.73	0.045601	0.817617	MAT2B	methionine adenosyltransferase II, beta
234198_at	-2.46	0.045655	0.817617	PROM2	prominin 2
242799_at	-3.55	0.045665	0.817617		
1559292_s_at	-2.92	0.045674	0.817617	LINC00032	long intergenic non-protein coding RNA 32
231614_at	-3.93	0.045683	0.817617	NOVA1	neuro-oncological ventral antigen 1
240079_at	-2.97	0.045684	0.817617	ZNF81	zinc finger protein 81
243191_at	-4.29	0.045705	0.817617		
1557664_at	-2.48	0.045736	0.817617	LOC101929114	uncharacterized LOC101929114
240193_at	-2.93	0.045754	0.817617		
241647_x_at	-5.93	0.045774	0.817617		
211778_s_at	-2.12	0.045786	0.817617	OVOL2	ovo-like zinc finger 2
1563367_at	2.38	0.045803	0.817617	MAPT-AS1	MAPT antisense RNA 1
1555132_at	-3.21	0.045883	0.817617	LOC101928787	uncharacterized LOC101928787
208126_s_at	-2.25	0.045886	0.817617	CYP2C18	cytochrome P450, family 2, subfamily C, polypeptide 18
234382_x_at	-11.47	0.045927	0.817617		

1552772_at	-4.64	0.045968	0.817617	CLEC4D	C-type lectin domain family 4, member D
206425_s_at	-2.14	0.045975	0.817617	TRPC3	transient receptor potential cation channel, subfamily C, member 3
219369_s_at	-3.07	0.046086	0.817617	OTUB2	OTU deubiquitinase, ubiquitin aldehyde binding 2
223906_s_at	-2.23	0.046135	0.817617	TEX101	testis expressed 101
240241_at	3.13	0.046155	0.817617		
244319_at	-4.18	0.046179	0.817617		
234724_x_at	2.6	0.046194	0.817617	PCDHB18	protocadherin beta 18 pseudogene
241909_at	-11.39	0.046202	0.817617	TNKS2	tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase 2
241964_at	-5.22	0.046207	0.817617	ZNF865	zinc finger protein 865
237505_at	-8.24	0.046214	0.817617		
221252_s_at	-2.91	0.046215	0.817617	GSG1	germ cell associated 1
230487_at	-3.78	0.046216	0.817617	C6orf99	chromosome 6 open reading frame 99
229552_at	-3.48	0.04622	0.817617	HRK; LOC283454	harakiri, BCL2 interacting protein; uncharacterized LOC283454
205484_at	-2.59	0.046266	0.817617	SIT1	signaling threshold regulating transmembrane adaptor 1

226654_at	-2.82	0.046275	0.817617	MUC12	mucin 12, cell surface associated
230260_s_at	-4.79	0.046325	0.817617		
1557456_a_at	-5.5	0.046448	0.817617		
205057_s_at	3.3	0.046501	0.817617	IDUA	iduronidase, alpha-L-
214418_at	-3.43	0.046568	0.817617	CT62	cancer/testis antigen 62
1556940_at	-2.95	0.046574	0.817617	LOC283484	uncharacterized LOC283484
228923_at	3.2	0.04666	0.817617	S100A6	S100 calcium binding protein A6
1552457_a_at	-3.34	0.046663	0.817617	ADAMTSL1	ADAMTS-like 1
1564292_at	-2.18	0.046706	0.817617		
1563074_at	-2.91	0.046757	0.817617	LOC255654	uncharacterized LOC255654
220850_at	-6.97	0.04676	0.817617	MORC1	MORC family CW-type zinc finger 1
234572_at	-5.23	0.046779	0.817617		
1552271_at	-2.41	0.046848	0.817617	PRR22	proline rich 22
206516_at	-3.02	0.046922	0.817617	AMH; MIR4321	anti-Mullerian hormone; microRNA 4321
1564706_s_at	7.89	0.046934	0.817617	GLS2	glutaminase 2 (liver, mitochondrial)
204947_at	-3.23	0.046969	0.817617	E2F1	E2F transcription factor 1
1566979_at	-3.63	0.047058	0.817617		
240827_at	-3.4	0.047059	0.817617	GATA3-AS1	GATA3 antisense RNA 1
1570261_at	-2.47	0.047078	0.817617	AC011997.1; BC02	Homo sapiens, clone IMAGE:3961600, mRNA.
211151_x_at	-2.16	0.047106	0.817617	GH1	growth hormone 1

236705_at	-5.43	0.047119	0.817617	TMEM196	transmembrane protein 196
223870_at	-2.73	0.047158	0.817617	CDRT1; FBXW10; L	CMT1A duplicated region transcript 1; F-box and WD repeat domain containing 10; F-box/WD repeat-containing protein 10-like
204486_at	-5.05	0.047251	0.817617	KCNQ1OT1; LOC10	KCNQ1 opposite strand/antisense transcript 1 (non-protein coding); uncharacterized LOC101927338
1552566_at	-4.26	0.047286	0.817617	BTBD16	BTB (POZ) domain containing 16
226253_at	2.91	0.047305	0.817617	LRRC45	leucine rich repeat containing 45
209474_s_at	2.17	0.047337	0.817617	ENTPD1	ectonucleoside triphosphate diphosphohydrolase 1
1560897_a_at	-3.63	0.047361	0.817617	KRTAP10-11	keratin associated protein 10-11
226755_at	-2.76	0.047388	0.817617	MIR205HG	MIR205 host gene (non-protein coding)
220109_at	-16.95	0.047413	0.817617	TF	transferrin
1563720_at	2.55	0.047441	0.817617	BC043356	Homo sapiens, clone IMAGE:3881224, mRNA.
1555558_at	-3.27	0.047518	0.817617	USP25	ubiquitin specific peptidase 25
205640_at	2.14	0.047609	0.817617	ALDH3B1	aldehyde dehydrogenase 3 family, member B1

238626_at	-3.89	0.047616	0.817617	ANKS6	ankyrin repeat and sterile alpha motif domain containing 6
241450_at	4.82	0.047617	0.817617	RSPO1	R-spondin 1
234229_at	-2.28	0.047647	0.817617		
1560325_at	-2.2	0.047718	0.817617		
207493_x_at	-3.96	0.047718	0.817617	SSX2; SSX2B	synovial sarcoma, X breakpoint 2; synovial sarcoma, X breakpoint 2B
215961_at	-3.35	0.047758	0.817617	F12	coagulation factor XII (Hageman factor)
1558549_s_at	3.36	0.047823	0.817617	VNN1	vanin 1
229917_at	-2.73	0.04789	0.817617	AGAP2	ArfGAP with GTPase domain, ankyrin repeat and PH domain 2
239636_at	-3.58	0.047891	0.817617	MCF2L	MCF.2 cell line derived transforming sequence-like
228684_at	-2.22	0.047905	0.817617	ZNF503	zinc finger protein 503
235137_at	-9.44	0.048033	0.817617	PCBP1-AS1	PCBP1 antisense RNA 1
236584_at	2.6	0.048049	0.817617	C1orf86	chromosome 1 open reading frame 86
240444_x_at	4.26	0.04805	0.817617	CLIP1	CAP-GLY domain containing linker protein 1
230531_at	-2.2	0.048061	0.817617	KCNC3	potassium voltage-gated channel, Shaw-related subfamily, member 3

238095_at	-3.58	0.048073	0.817617	GATA5	GATA binding protein 5
237925_at	-2.25	0.048157	0.817617		
210244_at	-3.64	0.048278	0.817617	CAMP	cathelicidin antimicrobial peptide
215118_s_at	-2.54	0.048308	0.817617	AL928768.3; Ig alpha 1- alpha 2m=immunoglobulin A1-A2 lambda hybrid GAU heavy chain {membrane exon} [human, myeloma, mRNA Partial, 360 nt].; immunoglobulin heavy locus	
242508_at	-2.59	0.048319	0.817617	KIAA2018	KIAA2018
224108_at	-8.1	0.048351	0.817617		
1561545_at	-4.75	0.048399	0.817617	EPN2-AS1	EPN2 antisense RNA 1
37892_at	-5.97	0.048407	0.817617	COL11A1	collagen, type XI, alpha 1
216502_at	-2.06	0.048408	0.817617	ISG20L2	interferon stimulated exonuclease gene 20kDa-like 2
224260_at	-2.9	0.048435	0.817617	LQFBS-1	Homo sapiens LQFBS-1 mRNA, complete cds.
232328_at	-4.51	0.048474	0.817617	ZNF552	zinc finger protein 552

207739_s_at	-2.01	0.048475	0.817617	GAGE1; GAGE12B;	G antigen 1; G antigen 12B; G antigen 12C; G antigen 12D; G antigen 12E; G antigen 12F; G antigen 12G; G antigen 12H; G antigen 12I; G antigen 12J; G antigen 13; G antigen 2A; G antigen 2B; G antigen 2C; G antigen 2D; G antigen 2E; G antigen 3; G antigen 4; G antigen 5; G antigen 6; G antigen 7; G antigen 8
216156_at	7.65	0.048479	0.817617	RECK	reversion-inducing-cysteine-rich protein with kazal motifs
1556296_at	-2.05	0.048512	0.817617		
1556117_at	-4.24	0.048527	0.817617	LINC01260	long intergenic non-protein coding RNA 1260
241629_at	-2.32	0.048637	0.817617		
1558821_s_at	-3.67	0.048651	0.817617	AC083843.1	
223722_at	-3.7	0.048661	0.817617	DNAJC12	DnaJ (Hsp40) homolog, subfamily C, member 12
1570422_at	-3.35	0.048702	0.817617	SNTG2	syntrophin, gamma 2
206429_at	-2.88	0.048719	0.817617	F2RL1	coagulation factor II (thrombin) receptor-like 1

233621_s_at	2.79	0.048766	0.817617	ARHGEF12	Rho guanine nucleotide exchange factor (GEF) 12
234125_at	-2.25	0.04887	0.817617		
1563108_at	-4.68	0.048871	0.817617	ELFN2; RP1-63G5.	extracellular leucine-rich repeat and fibronectin type III domain containing 2
236926_at	-3.74	0.048876	0.817617	TBX1	T-box 1
236643_s_at	-3.94	0.048936	0.817617	LOC645321	uncharacterized LOC645321
1556511_a_at	7.2	0.048973	0.817617	NFIA-AS2	NFIA antisense RNA 2
213495_s_at	2.2	0.048979	0.817617	RRBP1	ribosome binding protein 1
231523_at	-4.99	0.04898	0.817617	FGF14	fibroblast growth factor 14
1561699_a_at	-5.46	0.048982	0.817617	ATP11A-AS1	ATP11A antisense RNA 1
1566232_at	4.23	0.04902	0.817617		
205212_s_at	-2.61	0.049097	0.817617	ACAP1	ArfGAP with coiled-coil, ankyrin repeat and PH domains 1
1558687_a_at	-3.23	0.049104	0.817617	FOXN1	forkhead box N1
239977_at	-3.7	0.049114	0.817617	C12orf42	chromosome 12 open reading frame 42
240838_s_at	-3.4	0.049118	0.817617	LOC145837	uncharacterized LOC145837
242285_at	-7.93	0.049231	0.817617		
231404_at	-3.51	0.04926	0.817617	SPTY2D1-AS1	SPTY2D1 antisense RNA 1
233796_at	-3.35	0.049309	0.817617		
243967_at	2.41	0.049325	0.817617	AFF3	AF4/FMR2 family, member 3

210464_at	-5.06	0.049347	0.817617	LINC00588	long intergenic non-protein coding RNA 588
236761_at	-3.65	0.049371	0.817617	LHFPL3	lipoma HMGIC fusion partner-like 3
1555369_at	-4.86	0.049483	0.817617	BAGE	B melanoma antigen
1557136_at	-2.91	0.049581	0.817617	ATP13A4	ATPase type 13A4
240586_at	-3.44	0.049659	0.817617	ENAM	enamelin
244706_at	-2.06	0.049668	0.817617	PCMTD1	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 1
207249_s_at	-2.48	0.049712	0.817617	SLC28A2	solute carrier family 28 (concentrative nucleoside transporter), member 2
207380_x_at	-5.74	0.049725	0.817617	NOX1	NADPH oxidase 1
237740_at	-2.11	0.049772	0.817617		
227633_at	2.42	0.049932	0.817617	RHEB	Ras homolog enriched in brain