

Table SI. Genes upregulated ≥ 2 -fold by MIH 2.4Bl treatment

Affymetrix ID	Fold Change	Entrez Gene	UniGene ID	Description
1558048_x_at	28.84		Hs.551290	
231597_x_at	17.02		Hs.720692	
238825_at	10.19	93953	Hs.135167	acidic repeat containing (ACRC)
203821_at	9.82	1839	Hs.799	heparin binding EGF like growth factor (HBEGF)
1559509_at	9.41		Hs.656636	
202957_at	9.06	3059	Hs.14601	hematopoietic cell-specific Lyn substrate 1 (HCLS1)
202388_at	8.11	5997	Hs.78944	regulator of G-protein signaling 2 (RGS2)
213649_at	7.9	6432	Hs.309090	serine and arginine rich splicing factor 7 (SRSF7)
228262_at	7.83	256714	Hs.127951	MAP7 domain containing 2 (MAP7D2)
38037_at	7.75	1839	Hs.799	heparin binding EGF like growth factor (HBEGF)
224549_x_at	7.6			
202672_s_at	7.53	467	Hs.460	activating transcription factor 3 (ATF3)
243581_at	6.94		Hs.659284	
239203_at	6.9	286006	Hs.396189	leucine rich single-pass membrane protein 1 (LSMEM1)
210800_at	6.7	1678		translocase of inner mitochondrial membrane 8 homolog A (yeast) (TIMM8A)
238956_at	6.48	1943	Hs.741510	ephrin A2 (EFNA2)
242918_at	6.22	4678	Hs.319334	nuclear autoantigenic sperm protein (NASP)
224254_x_at	6.06			
243509_at	6			
236832_at	5.89	221442	Hs.374076	adenylate cyclase 10, soluble pseudogene 1 (ADCY10P1)
234562_x_at	5.89		Hs.675414	
214093_s_at	5.88	8880	Hs.567380; Hs.707742	far upstream element binding protein 1 (FUBP1)
223774_at	5.59	677825	Hs.632377	small nucleolar RNA, H/ACA box 44 (SNORA44)
234723_x_at	5.48		Hs.677287	
226419_s_at	5.41	6426	Hs.710026; Hs.744140	serine and arginine rich splicing factor 1 (SRSF1)
228967_at	5.37	10209		eukaryotic translation initiation factor 1 (EIF1)
219480_at	5.3	6615	Hs.48029	snail family transcriptional repressor 1 (SNAIL)
234753_x_at	5.28			
1567703_at	5.2			
224185_at	5.16			
214094_at	5.15	8880	Hs.567380; Hs.707742	far upstream element binding protein 1 (FUBP1)
220319_s_at	5.15	29116	Hs.484738	myosin regulatory light chain interacting protein (MYLIP)
208707_at	5.13	1983	Hs.433702	eukaryotic translation initiation factor 5 (EIF5)
206877_at	5.12	4084	Hs.468908	MAX dimerization protein 1 (MXD1)
1556054_at	5.1		Hs.673671	

214409_at	5.07	10737		RFPL3 antisense (RFPL3S)
233086_at	5	200232	Hs.504907	family with sequence similarity 209 member A (FAM209A)
234578_at	4.99		Hs.537604	
244787_at	4.94			
233376_at	4.86		Hs.661713	
242421_at	4.85			
221035_s_at	4.82	56155	Hs.390221	testis expressed 14, intercellular bridge forming factor (TEX14)
209185_s_at	4.77	8660	Hs.442344	insulin receptor substrate 2 (IRS2)
242610_x_at	4.73		Hs.696561	
226370_at	4.65	80311	Hs.495854	kelch like family member 15 (KLHL15)
1556545_at	4.63		Hs.317080	
1561775_at	4.63			
228997_at	4.57	54952	Hs.533626	tRNA selenocysteine 1 associated protein 1 (TRNAU1AP)
223129_x_at	4.56	29116	Hs.484738	myosin regulatory light chain interacting protein (MYLIP)
232311_at	4.52	567	Hs.534255	beta-2-microglobulin (B2M)
229467_at	4.51	5094		poly (rC) binding protein 2 (PCBP2)
228990_at	4.45	677825	Hs.632377	small nucleolar RNA, H/ACA box 44 (SNORA44)
205577_at	4.44	5837	Hs.154084	phosphorylase, glycogen, muscle (PYGM)
1561754_at	4.44		Hs.671185	
216997_x_at	4.43	7091	Hs.444213	transducin like enhancer of split 4 (TLE4)
223394_at	4.41	29950	Hs.269898	SERTA domain containing 1 (SERTAD1)
235102_x_at	4.4	26851		small nucleolar RNA, C/D box 3B-1 (SNORD3B-1)
1569852_at	4.35	286006	Hs.396189	leucine rich single-pass membrane protein 1 (LSMEM1)
1552326_a_at	4.33	220136	Hs.658630	cilia and flagella associated protein 53 (CFAP53)
234830_at	4.3	647476	Hs.274541	FSHD region gene 2 family member E, pseudogene (FRG2EP)
221200_at	4.3	100862697		endogenous retrovirus group K3 member 2 (ERVK3-2)
203725_at	4.29	1647	Hs.80409	growth arrest and DNA damage inducible alpha (GADD45A)
203378_at	4.29	51585	Hs.128959	PCF11 cleavage and polyadenylation factor subunit (PCF11)
217679_x_at	4.24			
203158_s_at	4.23	2744	Hs.116448	glutaminase (GLS)
209652_s_at	4.2	5228	Hs.252820	placental growth factor (PGF)
201739_at	4.17	6446	Hs.510078	serum/glucocorticoid regulated kinase 1 (SGK1)
236862_at	4.17	57120	Hs.191539	golgi associated PDZ and coiled-coil motif containing (GOPC)
1566480_x_at	4.17	284071	Hs.349758	meiosis specific with coiled-coil domain (MEIOC)
238155_at	4.13			
243484_x_at	4.12		Hs.696561	
218362_s_at	4.11	22894	Hs.744104	DIS3 homolog, exosome endoribonuclease and 3'-5' exoribonuclease (DIS3)
223781_x_at	4.08	127	Hs.1219	alcohol dehydrogenase 4 (class II), pi polypeptide (ADH4)
203140_at	4.08	604	Hs.478588	B-cell CLL/lymphoma 6 (BCL6)
243489_at	4.08			
244497_at	4.05	100652740		PYCARD antisense RNA 1 (PYCARD-AS1)
1554980_a_at	4.04	467	Hs.460	activating transcription factor 3 (ATF3)

241619_at	4.03	801	Hs.282410	calmodulin 1 (CALM1)
233822_x_at	3.99			
228098_s_at	3.98	29116	Hs.484738	myosin regulatory light chain interacting protein (MYLIP)
214016_s_at	3.93	6421	Hs.611911	splicing factor proline and glutamine rich (SFPQ)
223773_s_at	3.93	677825	Hs.632377	small nucleolar RNA, H/ACA box 44 (SNORA44)
235765_at	3.9	7091	Hs.444213	transducin like enhancer of split 4 (TLE4)
235205_at	3.89	55074	Hs.127286	oxidation resistance 1 (OXR1)
209184_s_at	3.84	8660	Hs.442344	insulin receptor substrate 2 (IRS2)
244669_at	3.84	26799		small nucleolar RNA, C/D box 50A (SNORD50A)
205932_s_at	3.78	4487	Hs.424414	msh homeobox 1 (MSX1)
210230_at	3.75		Hs.464404	
215233_at	3.73	23210	Hs.514505	arginine demethylase and lysine hydroxylase (JMJD6)
221264_s_at	3.71	23435	Hs.300624	TAR DNA binding protein (TARDBP)
227538_at	3.7	9441	Hs.715040	mediator complex subunit 26 (MED26)
208066_s_at	3.69	2959	Hs.481852	general transcription factor IIB (GTF2B)
1565716_at	3.65	2521	Hs.46894	FUS RNA binding protein (FUS)
235190_at	3.64		Hs.655770	
206121_at	3.63	270	Hs.89570	adenosine monophosphate deaminase 1 (AMPD1)
203855_at	3.63	22911	Hs.570055	WD repeat domain 47 (WDR47)
223130_s_at	3.62	29116	Hs.484738	myosin regulatory light chain interacting protein (MYLIP)
242377_x_at	3.56	25917	Hs.443081	THUMP domain containing 3 (THUMPD3)
228532_at	3.55	128346	Hs.288010	chromosome 1 open reading frame 162 (C1orf162)
206551_x_at	3.54	54800		kelch like family member 24 (KLHL24)
224546_at	3.52			
208536_s_at	3.51	10018	Hs.469658	BCL2 like 11 (BCL2L11)
215604_x_at	3.51		Hs.663149	
1555372_at	3.49	10018		BCL2 like 11 (BCL2L11)
234863_x_at	3.49	26271	Hs.520506	F-box protein 5 (FBXO5)
214683_s_at	3.46	1195	Hs.433732	CDC like kinase 1 (CLK1)
232242_at	3.46	100506994	Hs.741349	PTPRG antisense RNA 1 (PTPRG-AS1)
215011_at	3.45	6080	Hs.469723	small nucleolar RNA, H/ACA box 73A (SNORA73A)
1564773_x_at	3.42		Hs.680636	
208922_s_at	3.38	10482	Hs.523739	nuclear RNA export factor 1 (NXF1)
221768_at	3.37	6421	Hs.611911	splicing factor proline and glutamine rich (SFPQ)
236907_at	3.37		Hs.655157	
230766_at	3.36	2618		phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase (GART)
217446_x_at	3.35		Hs.554681	
231214_at	3.35		Hs.21278	
244042_x_at	3.35		Hs.559789	
206404_at	3.31	2254	Hs.111	fibroblast growth factor 9 (FGF9)
229899_s_at	3.31	441951	Hs.356766	ZNFX1 antisense RNA 1 (ZFAS1)

204897_at	3.3	5734	Hs.199248	prostaglandin E receptor 4 (PTGER4)
206169_x_at	3.3	23264		zinc finger CCCH-type containing 7B (ZC3H7B)
216858_x_at	3.3			
211814_s_at	3.29	9134	Hs.521693	cyclin E2 (CCNE2)
220905_at	3.29			
220720_x_at	3.27	80097		mitotic spindle organizing protein 2B (MZT2B)
243404_at	3.27			
203872_at	3.25	58	Hs.1288	actin, alpha 1, skeletal muscle (ACTA1)
205786_s_at	3.25	3684	Hs.172631	integrin subunit alpha M (ITGAM)
222895_s_at	3.25	64919	Hs.709690	B-cell CLL/lymphoma 11B (BCL11B)
242607_at	3.23		Hs.657682	
215720_s_at	3.22	4800	Hs.10441	nuclear transcription factor Y subunit alpha (NFYA)
221314_at	3.21	2661	Hs.25022	growth differentiation factor 9 (GDF9)
219801_at	3.21	80778	Hs.631854	zinc finger protein 34 (ZNF34)
226859_at	3.21	548645	Hs.534196	DnaJ heat shock protein family (Hsp40) member C25 (DNAJC25)
1559436_x_at	3.21		Hs.684047	
215628_x_at	3.21		Hs.669939	
232266_x_at	3.2	8621	Hs.233552	cyclin dependent kinase 13 (CDK13)
237475_x_at	3.18	10012972	Hs.745017	coiled-coil domain containing 152 (CCDC152)
244869_at	3.18			
235324_at	3.17	6428	Hs.405144	serine and arginine rich splicing factor 3 (SRSF3)
242337_at	3.17			
218087_s_at	3.16	10580	Hs.38621	sorbin and SH3 domain containing 1 (SORBS1)
205360_at	3.15	5203		prefoldin subunit 4 (PFDN4)
227223_at	3.14	9584		RNA binding motif protein 39 (RBM39)
223195_s_at	3.14	83667	Hs.469543	sestrin 2 (SESN2)
206652_at	3.13	9205	Hs.530988	zinc finger MYM-type containing 5 (ZMYM5)
202150_s_at	3.12	4739	Hs.37982	neural precursor cell expressed, developmentally down-regulated 9 (NEDD9)
215179_x_at	3.12	5228	Hs.252820	placental growth factor (PGF)
209098_s_at	3.11	182	Hs.626544	jagged 1 (JAG1)
233765_at	3.11		Hs.677245	
241425_at	3.09	9818		nucleoporin 58 (NUP58)
204109_s_at	3.08	4800	Hs.10441	nuclear transcription factor Y subunit alpha (NFYA)
205352_at	3.08	5274	Hs.478153	serpin family I member 1 (SERPINI1)
235727_at	3.08	54813	Hs.550906	kelch like family member 28 (KLHL28)
214408_s_at	3.07	10737		RFPL3 antisense (RFPL3S)
224667_x_at	3.06	119504	Hs.426296	anaphase promoting complex subunit 16 (ANAPC16)
213700_s_at	3.05	5315		pyruvate kinase, muscle (PKM)
215978_x_at	3.05	170960	Hs.724168	zinc finger protein 721 (ZNF721)
1556989_at	3.05		Hs.659670	
209099_x_at	3.04	182	Hs.626544	jagged 1 (JAG1)
211600_at	3.04	5800		protein tyrosine phosphatase, receptor type O (PTPRO)

223685_s_at	3.04	101928524	Hs.729158	uncharacterized LOC101928524 (LOC101928524)
1555014_x_at	3.04		Hs.497125	
209446_s_at	3.04			
202669_s_at	3.02	1948	Hs.149239	ephrin B2 (EFNB2)
229572_at	3.02	23545	Hs.25786	ATPase H+ transporting V0 subunit a2 (ATP6V0A2)
233912_x_at	3.02		Hs.677038	
240806_at	3.01	6138	Hs.381219	ribosomal protein L15 (RPL15)
207598_x_at	3.01	7516	Hs.647093	X-ray repair cross complementing 2 (XRCC2)
214280_x_at	3	3178	Hs.546261	heterogeneous nuclear ribonucleoprotein A1 (HNRNPA1)
224225_s_at	3	51513	Hs.272398	ETS variant 7 (ETV7)
244612_at	3			
220302_at	2.99	4117	Hs.446125	male germ cell associated kinase (MAK)
210090_at	2.99	23237	Hs.40888	activity regulated cytoskeleton associated protein (ARC)
209007_s_at	2.99	57035	Hs.259412	arginine and serine rich protein 1 (RSRP1)
219142_at	2.99	65997	Hs.8035	RAS like family 11 member B (RASL11B)
215600_x_at	2.99	285231	Hs.288793	F-box and WD repeat domain containing 12 (FBXW12)
239243_at	2.99	100507113		ZNF638 intronic transcript 1 (ZNF638-IT1)
217028_at	2.97	7852	Hs.593413	C-X-C motif chemokine receptor 4 (CXCR4)
220823_at	2.97		Hs.610958	
229571_at	2.97		Hs.655770	
231183_s_at	2.97			
222396_at	2.96	51155	Hs.532803	hematological and neurological expressed 1 (HN1)
220071_x_at	2.96	55142	Hs.14347	HAUS augmin like complex subunit 2 (HAUS2)
228380_at	2.95	59343		SUMO1/sentrin/SMT3 specific peptidase 2 (SEN2)
200920_s_at	2.94	694	Hs.255935	BTG anti-proliferation factor 1 (BTG1)
215404_x_at	2.94	2260		fibroblast growth factor receptor 1 (FGFR1)
210102_at	2.94	4013	Hs.152944	von Willebrand factor A domain containing 5A (VWA5A)
1557360_at	2.94	10128		leucine rich pentatricopeptide repeat containing (LRPPRC)
237510_at	2.94	55892	Hs.507025	myoneurin (MYNN)
232975_at	2.94	414777	Hs.485041	HLA complex group 18 (non-protein coding) (HCG18)
238738_at	2.94			
202147_s_at	2.93	3475	Hs.7879	interferon related developmental regulator 1 (IFRD1)
228433_at	2.93	4800	Hs.10441	nuclear transcription factor Y subunit alpha (NFYA)
223600_s_at	2.92	80726	Hs.732366	KIAA1683 (KIAA1683)
232140_at	2.92	100132352	Hs.231861	FSHD region gene 1 family member H, pseudogene (FRG1HP)
1565705_x_at	2.92		Hs.677316	
235266_at	2.91	29028	Hs.370834	ATPase family, AAA domain containing 2 (ATAD2)
228930_at	2.9	677778	Hs.513091	small Cajal body-specific RNA 15 (SCARNA15)
201328_at	2.89	2114	Hs.644231	ETS proto-oncogene 2, transcription factor (ETS2)
232513_x_at	2.89	388799	Hs.287759	family with sequence similarity 209 member B (FAM209B)
234762_x_at	2.87	57486		neurolysin (NLN)
211602_s_at	2.86	7220	Hs.250687	transient receptor potential cation channel subfamily C member 1 (TRPC1)

233775_x_at	2.86	100289333	Hs.703794	uncharacterized LOC100289333 (LOC100289333)
225762_x_at	2.86	100861532		RNA, 45S pre-ribosomal 5 (RNA45S5)
1560071_a_at	2.86			
239845_at	2.86		Hs.562633	
224610_at	2.85	23642	Hs.655643	small nucleolar RNA host gene 1 (SNHG1)
233575_s_at	2.84	7091	Hs.444213	transducin like enhancer of split 4 (TLE4)
209201_x_at	2.84	7852	Hs.593413	C-X-C motif chemokine receptor 4 (CXCR4)
227282_at	2.84	57526	Hs.4993	protocadherin 19 (PCDH19)
231212_x_at	2.84		Hs.640258	
207978_s_at	2.83	8013	Hs.279522	nuclear receptor subfamily 4 group A member 3 (NR4A3)
214481_at	2.83	8336	Hs.134999	histone cluster 1 H2A family member m (HIST1H2AM)
212565_at	2.83	23012	Hs.184523	serine/threonine kinase 38 like (STK38L)
220828_s_at	2.83	55338	Hs.677194	uncharacterized LOC55338 (LOC55338)
204894_s_at	2.82	8639	Hs.198241	amine oxidase, copper containing 3 (AOC3)
217168_s_at	2.82	9709	Hs.146393	homocysteine inducible ER protein with ubiquitin like domain 1 (HERPUD1)
207528_s_at	2.82	23657	Hs.390594	solute carrier family 7 member 11 (SLC7A11)
240440_at	2.82	80896		N-acetylneuraminate pyruvate lyase (NPL)
217137_x_at	2.82		Hs.540336	
209212_s_at	2.81	688	Hs.508234	Kruppel like factor 5 (KLF5)
224235_at	2.81			
241816_at	2.81		Hs.437941	
213139_at	2.8	6591	Hs.360174	snail family transcriptional repressor 2 (SNAI2)
223965_at	2.8	54952	Hs.533626	tRNA selenocysteine 1 associated protein 1 (TRNAU1AP)
232169_x_at	2.8	100616403	Hs.90443	microRNA 4691 (MIR4691)
207730_x_at	2.8		Hs.465643	
232754_at	2.8		Hs.664518	
234798_x_at	2.8			
216268_s_at	2.79	182	Hs.626544	jagged 1 (JAG1)
1556283_s_at	2.79	26127	Hs.591162	FGFR1 oncogene partner 2 (FGFR1OP2)
216745_x_at	2.79		Hs.612884	
1565759_at	2.78	606500	Hs.410817	small nucleolar RNA, C/D box 68 (SNORD68)
1565830_at	2.78		Hs.651430	
239266_at	2.78			
218875_s_at	2.77	26271	Hs.520506	F-box protein 5 (FBXO5)
216187_x_at	2.77		Hs.679411	
1558143_a_at	2.76	10018	Hs.469658	BCL2 like 11 (BCL2L11)
215501_s_at	2.76	11221	Hs.497822	dual specificity phosphatase 10 (DUSP10)
238279_x_at	2.76			
229549_at	2.75	813	Hs.743262	calumenin (CALU)
243801_x_at	2.75	51263	Hs.346736	mitochondrial ribosomal protein L30 (MRPL30)
221260_s_at	2.75	81566	Hs.524425	cysteine and serine rich nuclear protein 2 (CSRNP2)
241223_x_at	2.75		Hs.663897	

230048_at	2.74	3475	Hs.7879	interferon related developmental regulator 1 (IFRD1)
214911_s_at	2.74	6046	Hs.75243	bromodomain containing 2 (BRD2)
239635_at	2.74	10432	Hs.533712	RNA binding motif protein 14 (RBM14)
1568815_a_at	2.74	79009	Hs.522984	DEx D-box helicase 50 (DDX50)
220232_at	2.74	79966	Hs.379191	stearoyl-CoA desaturase 5 (SCD5)
214715_x_at	2.74	90338		zinc finger protein 160 (ZNF160)
215990_s_at	2.73	604	Hs.478588	B-cell CLL/lymphoma 6 (BCL6)
223196_s_at	2.73	83667	Hs.469543	sestrin 2 (SESN2)
1556090_at	2.73		Hs.655741	
239944_at	2.73		Hs.646951	
224718_at	2.72	7528	Hs.603118	YY1 transcription factor (YY1)
1559979_at	2.72	25949		SYF2 pre-mRNA splicing factor (SYF2)
219192_at	2.72	55833	Hs.493739	ubiquitin associated protein 2 (UBAP2)
1564962_at	2.72	168374	Hs.9521	zinc finger protein 92 (ZNF92)
228793_at	2.72	221037	Hs.413416	jumonji domain containing 1C (JMJD1C)
232731_x_at	2.72	100190938	Hs.655265	RAMP2 antisense RNA 1 (RAMP2-AS1)
227745_at	2.72	101927612	Hs.633137	RNF139 antisense RNA 1 (head to head) (RNF139-AS1)
234675_x_at	2.72		Hs.532596	
208960_s_at	2.71	1316	Hs.4055	Kruppel like factor 6 (KLF6)
215067_x_at	2.71	7001		peroxiredoxin 2 (PRDX2)
206724_at	2.71	8535	Hs.405046	chromobox 4 (CBX4)
204793_at	2.71	9737	Hs.729265	G protein-coupled receptor associated sorting protein 1 (GPRASP1)
216229_x_at	2.71		Hs.720720	
209204_at	2.7	8543	Hs.436792	LIM domain only 4 (LMO4)
228694_at	2.7	9716	Hs.737664	aquarius intron-binding spliceosomal factor (AQR)
208246_x_at	2.7		Hs.610957	
215445_x_at	2.7		Hs.655674	
233319_x_at	2.7		Hs.667880	
206792_x_at	2.69	5143	Hs.132584	phosphodiesterase 4C (PDE4C)
201846_s_at	2.69	23429	Hs.7910	RING1 and YY1 binding protein (RYBP)
233152_x_at	2.69		Hs.658440	
219528_s_at	2.68	64919	Hs.709690	B-cell CLL/lymphoma 11B (BCL11B)
210679_x_at	2.68			
215373_x_at	2.68			
215588_x_at	2.67	8780		RIO kinase 3 (RIOK3)
230493_at	2.67	387914	Hs.433791	shisa family member 2 (SHISA2)
201465_s_at	2.66	3725	Hs.696684	Jun proto-oncogene, AP-1 transcription factor subunit (JUN)
201844_s_at	2.66	23429	Hs.7910	RING1 and YY1 binding protein (RYBP)
229351_at	2.66	25862	Hs.593575	ubiquitin specific peptidase 49 (USP49)
222800_at	2.66	54952	Hs.533626	tRNA selenocysteine 1 associated protein 1 (TRNAU1AP)
226062_x_at	2.66	55793	Hs.743952	family with sequence similarity 63 member A (FAM63A)
232284_at	2.66	100507062	Hs.152536; Hs.593613	PSMD6 antisense RNA 2 (PSMD6-AS2)

1556416_s_at	2.66		Hs.684703	
237868_x_at	2.66		Hs.661380	
209305_s_at	2.65	4616	Hs.110571	growth arrest and DNA damage inducible beta (GADD45B)
242712_x_at	2.65	285190	Hs.199561; Hs.449164; Hs.469630; Hs.535589; Hs.645445; Hs.652430; Hs.726367; Hs.728970	RANBP2-like and GRIP domain containing 4 (RGP4)
202668_at	2.64	1948	Hs.149239	ephrin B2 (EFNB2)
210350_x_at	2.64	3621	Hs.46700	inhibitor of growth family member 1 (ING1)
1554152_a_at	2.64	4967	Hs.488181	oxoglutarate dehydrogenase (OGDH)
217741_s_at	2.64	7763	Hs.406096	zinc finger AN1-type containing 5 (ZFAND5)
231724_at	2.64	9441	Hs.715040	mediator complex subunit 26 (MED26)
229574_at	2.64	29896		transformer 2 alpha homolog (TRA2A)
1569755_at	2.64	100499171	Hs.565606	long intergenic non-protein coding RNA 276 (LINC00276)
202146_at	2.63	3475	Hs.7879	interferon related developmental regulator 1 (IFRD1)
1553909_x_at	2.63	55719	Hs.447458	SMC5-SMC6 complex localization factor 2 (SLF2)
216524_x_at	2.63		Hs.669936	
237369_at	2.63		Hs.199272	
242213_at	2.63			
221986_s_at	2.62	54800	Hs.407709	kelch like family member 24 (KLHL24)
215907_at	2.62		Hs.677413	
220859_at	2.62			
244546_at	2.61	54205	Hs.437060	cytochrome c, somatic (CYCS)
236780_at	2.61		Hs.602851	
240347_at	2.61		Hs.651752	
222343_at	2.6	10018	Hs.469658	BCL2 like 11 (BCL2L11)
203692_s_at	2.59	1871	Hs.269408; Hs.703174	E2F transcription factor 3 (E2F3)
229882_at	2.59	6210		ribosomal protein S15a (RPS15A)
205803_s_at	2.59	7220	Hs.250687	transient receptor potential cation channel subfamily C member 1 (TRPC1)
226343_at	2.59	54878		dipeptidyl peptidase 8 (DPP8)
241987_x_at	2.59	169166	Hs.567758	sorting nexin 31 (SNX31)
1562439_at	2.58	8202	Hs.592142	nuclear receptor coactivator 3 (NCOA3)
208725_at	2.58	8894	Hs.429180	eukaryotic translation initiation factor 2 subunit beta (EIF2S2)
1570210_x_at	2.58	9701	Hs.449098	protein phosphatase 6 regulatory subunit 2 (PPP6R2)
223143_s_at	2.58	55122	Hs.485915	akirin 2 (AKIRIN2)
212724_at	2.57	390	Hs.6838	Rho family GTPase 3 (RND3)
209808_x_at	2.57	3621	Hs.46700	inhibitor of growth family member 1 (ING1)
242261_at	2.57	3658	Hs.436031	iron responsive element binding protein 2 (IREB2)

211919_s_at	2.57	7852	Hs.593413	C-X-C motif chemokine receptor 4 (CXCR4)
200874_s_at	2.57	100302138	Hs.376064	microRNA 1292 (MIR1292)
244197_x_at	2.57			
205998_x_at	2.56	1576	Hs.728751	cytochrome P450 family 3 subfamily A member 4 (CYP3A4)
221821_s_at	2.56	54934	Hs.505412	KAT8 regulatory NSL complex subunit 2 (KANSL2)
202815_s_at	2.55	10614	Hs.741758	hexamethylene bisacetamide inducible 1 (HEXIM1)
220113_x_at	2.55	84172	Hs.745127	RNA polymerase I subunit B (POLR1B)
229086_at	2.55	148898	Hs.61884	ZNF436 antisense RNA 1 (ZNF436-AS1)
225241_at	2.55	151887	Hs.477128	coiled-coil domain containing 80 (CCDC80)
1570061_at	2.55		Hs.684374	
242578_x_at	2.54	6581	Hs.567337	solute carrier family 22 member 3 (SLC22A3)
221985_at	2.54	54800	Hs.407709	kelch like family member 24 (KLHL24)
231108_at	2.53	2521	Hs.46894	FUS RNA binding protein (FUS)
228561_at	2.53	55664	Hs.666439	cell division cycle 37 like 1 (CDC37L1)
225767_at	2.53	100861532		RNA, 45S pre-ribosomal 5 (RNA45S5)
217715_x_at	2.53			
1553613_s_at	2.52	2296	Hs.348883	forkhead box C1 (FOXC1)
208576_s_at	2.52	8358	Hs.533292	histone cluster 1 H3 family member b (HIST1H3B)
226525_at	2.52	9262	Hs.88297	serine/threonine kinase 17b (STK17B)
242719_at	2.52	23429		RING1 and YY1 binding protein (RYBP)
225699_at	2.52	285958	Hs.25892	small nucleolar RNA host gene 15 (SNHG15)
233702_x_at	2.52		Hs.677277	
243147_x_at	2.52		Hs.601919	
203946_s_at	2.51	384	Hs.226007	arginase 2 (ARG2)
209324_s_at	2.51	6004	Hs.413297	regulator of G-protein signaling 16 (RGS16)
1553096_s_at	2.51	10018	Hs.469658; Hs.737004	BCL2 like 11 (BCL2L11)
229272_at	2.51	23360		formin binding protein 4 (FNBP4)
235520_at	2.51	55609	Hs.308418	zinc finger protein 280C (ZNF280C)
224427_s_at	2.51	64895	Hs.387471	poly (A) polymerase gamma (PAPOLG)
222728_s_at	2.51	100302240	Hs.355750	microRNA 1304 (MIR1304)
224105_x_at	2.51		Hs.621358	
211998_at	2.5	100616282	Hs.180877	microRNA 4738 (MIR4738)
1566887_x_at	2.5		Hs.568361	
201564_s_at	2.49	6624	Hs.118400	fascin actin-bundling protein 1 (FSCN1)
1557196_a_at	2.49			
1562677_at	2.49		Hs.721758	
226337_at	2.48	92344	Hs.183702	golgin, RAB6 interacting (GORAB)
1562163_at	2.48		Hs.684737	
243792_x_at	2.47	5783	Hs.436142	protein tyrosine phosphatase, non-receptor type 13 (PTPN13)
225606_at	2.47	10018	Hs.469658	BCL2 like 11 (BCL2L11)
223662_x_at	2.47	83479		DEAD-box helicase 59 (DDX59)
215594_at	2.47	100616497	Hs.569018	endogenous retrovirus group 9 member 1 (ERV9-1)

214917_at	2.46	5562		protein kinase AMP-activated catalytic subunit alpha 1 (PRKAA1)
208685_x_at	2.46	6046	Hs.75243	bromodomain containing 2 (BRD2)
1557945_at	2.46	6991	Hs.733746	t-complex-associated-testis-expressed 3 (TCTE3)
1561190_at	2.46	51265		cyclin dependent kinase like 3 (CDKL3)
236613_at	2.46	58517	Hs.531106	RNA binding motif protein 25 (RBM25)
224828_at	2.46	80315	Hs.127126	cytoplasmic polyadenylation element binding protein 4 (CPEB4)
234949_at	2.46	284802	Hs.653099	FSHD region gene 1 family member B, pseudogene (FRG1BP)
214291_at	2.46	100124516	Hs.293653; Hs.374588; Hs.485081	small nucleolar RNA, C/D box 58C (SNORD58C)
230725_at	2.46			
232406_at	2.46		Hs.664262	
207147_at	2.45	1746	Hs.419	distal-less homeobox 2 (DLX2)
214902_x_at	2.45	4026	Hs.661454	LIM domain containing preferred translocation partner in lipoma (LPP)
202220_at	2.45	22889	Hs.24656	KIAA0907 (KIAA0907)
228259_s_at	2.45	114915		EPB41L4A antisense RNA 1 (EPB41L4A-AS1)
231574_at	2.45		Hs.658309	
238502_at	2.45			
31799_at	2.45		Hs.655756	
205277_at	2.44	7799	Hs.371823	PR/SET domain 2 (PRDM2)
210436_at	2.44	10694	Hs.125113	chaperonin containing TCP1 subunit 8 (CCT8)
220920_at	2.44	23120	Hs.109358	ATPase phospholipid transporting 10B (putative) (ATP10B)
209383_at	2.43	1649	Hs.505777	DNA damage inducible transcript 3 (DDIT3)
210180_s_at	2.43	6434	Hs.533122	transformer 2 beta homolog (Drosophila) (TRA2B)
214060_at	2.43	6742	Hs.490394	single stranded DNA binding protein 1 (SSBP1)
222273_at	2.43	64895	Hs.387471	poly (A) polymerase gamma (PAPOLG)
220796_x_at	2.43	79939	Hs.620596	solute carrier family 35 member E1 (SLC35E1)
239835_at	2.43	84541	Hs.116665	kelch repeat and BTB domain containing 8 (KBTBD8)
236900_x_at	2.43	126661	Hs.461300	coiled-coil domain containing 163 (CCDC163)
224767_at	2.43	100506548	Hs.80545	uncharacterized LOC100506548 (LOC100506548)
1562546_at	2.43		Hs.648548	
242201_at	2.42	5383	Hs.647025	PMS1 homolog 2, mismatch repair system component pseudogene 5 (PMS2P5)
206056_x_at	2.42	6693	Hs.632188	sialophorin (SPN)
220266_s_at	2.42	9314	Hs.376206	Kruppel like factor 4 (KLF4)
223414_s_at	2.42	55646	Hs.425427	Ly1 antibody reactive (LYAR)
1556042_s_at	2.42	338799	Hs.524804	long intergenic non-protein coding RNA 1089 (LINC01089)
233017_x_at	2.42		Hs.660779	
235716_at	2.42		Hs.608901	
222040_at	2.41	3178		heterogeneous nuclear ribonucleoprotein A1 (HNRNPA1)
239748_x_at	2.41	54940	Hs.518750	OCIA domain containing 1 (OCIAD1)
222612_at	2.41	55269	Hs.213198	paraspeckle component 1 (PSPC1)
230012_at	2.41	284029	Hs.121692	long intergenic non-protein coding RNA 324 (LINC00324)

242852_at	2.41	285147	Hs.467627	uncharacterized LOC285147 (LOC285147)
241721_at	2.41		Hs.555274	
232215_x_at	2.4	55771	Hs.631750	proline rich 11 (PRR11)
217130_at	2.4		Hs.667154	
242398_x_at	2.4		Hs.665609	
203157_s_at	2.39	2744	Hs.116448	glutaminase (GLS)
209959_at	2.39	8013	Hs.279522	nuclear receptor subfamily 4 group A member 3 (NR4A3)
224506_s_at	2.39	84814	Hs.134292	phospholipid phosphatase 7 (inactive) (PLPP7)
214967_at	2.39		Hs.657797	
233330_s_at	2.39		Hs.637324	
241843_at	2.38	1983	Hs.658237	eukaryotic translation initiation factor 5 (EIF5)
244350_at	2.38	4651	Hs.481720	myosin X (MYO10)
244354_at	2.38	6801	Hs.127486	striatin (STRN)
212665_at	2.38	25976	Hs.744050	TCDD inducible poly (ADP-ribose) polymerase (TIPARP)
221989_at	2.38	26778		small nucleolar RNA, H/ACA box 70 (SNORA70)
222456_s_at	2.38	51474	Hs.525419	LIM domain and actin binding 1 (LIMA1)
236715_x_at	2.38	55075	Hs.108049	uveal autoantigen with coiled-coil domains and ankyrin repeats (UACA)
222276_at	2.38	55798		methyltransferase like 2B (METTL2B)
213256_at	2.38	115123	Hs.132441	membrane associated ring-CH-type finger 3 (MARCH3)
233473_x_at	2.38		Hs.658290	
234788_x_at	2.38		Hs.670861	
236237_at	2.38		Hs.666289	
242865_at	2.38			
233193_x_at	2.37	92105	Hs.533723	integrator complex subunit 4 (INTS4)
235393_at	2.37		Hs.657931	
214594_x_at	2.36	5205	Hs.216623	ATPase phospholipid transporting 8B1 (ATP8B1)
1555884_at	2.36	9861	Hs.152536	proteasome 26S subunit, non-ATPase 6 (PSMD6)
214844_s_at	2.36	55816	Hs.656582	docking protein 5 (DOK5)
215599_at	2.36	100049076	Hs.631974	glucuronidase, beta pseudogene 9 (GUSBP9)
1567333_at	2.36		Hs.541741	
237849_at	2.36		Hs.670185	
238501_at	2.36			
242425_at	2.36		Hs.661595	
205370_x_at	2.35	1629	Hs.709187	dihydrolipoamide branched chain transacylase E2 (DBT)
231382_at	2.35	8817	Hs.87191	fibroblast growth factor 18 (FGF18)
205214_at	2.35	9262	Hs.88297	serine/threonine kinase 17b (STK17B)
202241_at	2.35	10221	Hs.444947	tribbles pseudokinase 1 (TRIB1)
209781_s_at	2.35	10656	Hs.444558	KH RNA binding domain containing, signal transduction associated 3 (KHDRBS3)
1555411_a_at	2.35	57018	Hs.4859	cyclin L1 (CCNL1)
215852_x_at	2.35	140710		suppressor of glucose, autophagy associated 1 (SOGA1)
222104_x_at	2.34	2967	Hs.355348	general transcription factor IIH subunit 3 (GTF2H3)

244133_at	2.34	25862		ubiquitin specific peptidase 49 (USP49)
215572_at	2.34		Hs.646532	
231598_x_at	2.34		Hs.720692	
240057_at	2.34		Hs.601790	
236172_at	2.33	1241	Hs.567248	leukotriene B4 receptor (LTB4R)
232516_x_at	2.33	7818		death associated protein 3 (DAP3)
208398_s_at	2.33	9519	Hs.486507	TATA-box binding protein like 1 (TBPL1)
228310_at	2.33	55740	Hs.497893	enabled homolog (Drosophila) (ENAH)
1555827_at	2.33	57018	Hs.4859	cyclin L1 (CCNL1)
1555117_at	2.33			
1562110_at	2.33		Hs.679491	
227621_at	2.32	9589	Hs.446091	Wilms tumor 1 associated protein (WTAP)
233412_x_at	2.32		Hs.396593	
233658_at	2.32			
211627_x_at	2.31	2099	Hs.208124	estrogen receptor 1 (ESR1)
210352_at	2.31	10902	Hs.519337	bromodomain containing 8 (BRD8)
211374_x_at	2.31			
238651_at	2.31			
201212_at	2.3	5641	Hs.18069	legumain (LGMN)
1568964_x_at	2.3	6693	Hs.632188	sialophorin (SPN)
205255_x_at	2.29	6932	Hs.573153	transcription factor 7 (T-cell specific, HMG-box) (TCF7)
222218_s_at	2.29	29992	Hs.444407	paired immunoglobulin like type 2 receptor alpha (PILRA)
209006_s_at	2.29	57035	Hs.259412	arginine and serine rich protein 1 (RSRP1)
1553186_x_at	2.29	158158	Hs.129136	RAS and EF-hand domain containing (RASEF)
229089_at	2.29	166793	Hs.419997	zinc finger and BTB domain containing 49 (ZBTB49)
1569519_at	2.29	100132406	Hs.467587; Hs.714127; Hs.721588; Hs.744018	neuroblastoma breakpoint family member 10 (NBPF10)
220871_at	2.29			
211076_x_at	2.28	1822	Hs.143766	atrophin 1 (ATN1)
1554151_at	2.28	4967	Hs.488181	oxoglutarate dehydrogenase (OGDH)
52285_f_at	2.28	79959	Hs.236940	centrosomal protein 76 (CEP76)
1560463_at	2.28	283788	Hs.702270	FSHD region gene 1 pseudogene (LOC283788)
1566809_a_at	2.28		Hs.660264	
234432_at	2.28		Hs.703945	
242736_at	2.28			
206913_at	2.27	570	Hs.284712	bile acid-CoA:amino acid N-acyltransferase (BAAT)
212142_at	2.27	4173	Hs.460184	minichromosome maintenance complex component 4 (MCM4)
215208_x_at	2.27	6165	Hs.529631	ribosomal protein L35a (RPL35A)
224711_at	2.27	7528	Hs.603118	YY1 transcription factor (YY1)
213213_at	2.27	11083	Hs.517172	death inducer-oblierator 1 (DIDO1)
233056_x_at	2.27	22839		DLG associated protein 4 (DLGAP4)

226982_at	2.27	22936	Hs.192221	elongation factor for RNA polymerase II 2 (ELL2)
235058_at	2.27	54707	Hs.648440	GPN-loop GTPase 2 (GPN2)
220374_at	2.27	54813		kelch like family member 28 (KLHL28)
221192_x_at	2.27	79157	Hs.73965	major facilitator superfamily domain containing 11 (MFSD11)
224766_at	2.27	100506548	Hs.80545	uncharacterized LOC100506548 (LOC100506548)
1564965_at	2.27		Hs.684416	
216319_at	2.27		Hs.636868	
234158_at	2.27		Hs.677330	
242829_x_at	2.27			
230170_at	2.26	5008	Hs.248156	oncostatin M (OSM)
208776_at	2.26	5717	Hs.443379	proteasome 26S subunit, non-ATPase 11 (PSMD11)
210656_at	2.26	8726	Hs.503510	embryonic ectoderm development (EED)
207788_s_at	2.26	10174	Hs.528572	sorbin and SH3 domain containing 3 (SORBS3)
231770_x_at	2.26	51057	Hs.414952	WD repeat containing planar cell polarity effector (WDPCP)
223413_s_at	2.26	55646	Hs.425427	Ly1 antibody reactive (LYAR)
1562209_at	2.26	285429	Hs.213307	DDB1 and CUL4 associated factor 4 like 1 (DCAF4L1)
244397_at	2.26			
202644_s_at	2.25	7128	Hs.211600	TNF alpha induced protein 3 (TNFAIP3)
206463_s_at	2.25	10202	Hs.272499	dehydrogenase/reductase 2 (DHRS2)
243435_at	2.25	10984	Hs.741312	KCNQ1 opposite strand/antisense transcript 1 (non-protein coding) (KCNQ1OT1)
218155_x_at	2.25	55720	Hs.388170	TSR1, ribosome maturation factor (TSR1)
220148_at	2.25	64577	Hs.486520	aldehyde dehydrogenase 8 family member A1 (ALDH8A1)
1561346_at	2.25	101927166		uncharacterized LOC101927166 (LOC101927166)
215861_at	2.25	101927770		uncharacterized LOC101927770 (LOC101927770)
208686_s_at	2.24	6046	Hs.75243	bromodomain containing 2 (BRD2)
202643_s_at	2.24	7128	Hs.211600	TNF alpha induced protein 3 (TNFAIP3)
213593_s_at	2.24	29896		transformer 2 alpha homolog (TRA2A)
221803_s_at	2.24	29982	Hs.449628	nuclear receptor binding factor 2 (NRBF2)
217016_x_at	2.24	389177	Hs.642307	transmembrane protein 212 (TMEM212)
242558_at	2.24		Hs.658202	
223080_at	2.23	2744	Hs.116448	glutaminase (GLS)
236060_at	2.23	57721	Hs.657806	methyltransferase like 14 (METTL14)
1553185_at	2.23	158158	Hs.129136	RAS and EF-hand domain containing (RASEF)
222186_at	2.23		Hs.735002	
233969_at	2.22	3537	Hs.449585; Hs.674509	immunoglobulin lambda constant 1 (IGLC1)
209828_s_at	2.22	3603	Hs.459095	interleukin 16 (IL16)
212907_at	2.22	7779	Hs.519469	solute carrier family 30 member 1 (SLC30A1)
215529_x_at	2.22	23181		disco interacting protein 2 homolog A (DIP2A)
220046_s_at	2.22	57018	Hs.4859	cyclin L1 (CCNL1)
219311_at	2.22	79959	Hs.236940	centrosomal protein 76 (CEP76)
1564970_at	2.22	83852	Hs.631789	SET domain bifurcated 2 (SETDB2)

1559039_at	2.22	170506	Hs.446270	DEAH-box helicase 36 (DHX36)
1559240_at	2.22	100507053		uncharacterized LOC100507053 (LOC100507053)
221621_at	2.22	102466864	Hs.720923	microRNA 6516 (MIR6516)
1565887_at	2.22		Hs.621480	
217653_x_at	2.22			
244843_x_at	2.22			
205034_at	2.21	9134	Hs.521693	cyclin E2 (CCNE2)
223650_s_at	2.21	29982	Hs.449628	nuclear receptor binding factor 2 (NRBF2)
228328_at	2.21	54813	Hs.550906	kelch like family member 28 (KLHL28)
223741_s_at	2.21	94015	Hs.27935	tweety family member 2 (TTYH2)
217278_x_at	2.21		Hs.703064	
233728_at	2.21		Hs.691305	
239234_at	2.21		Hs.657721	
203990_s_at	2.2	7403	Hs.522616	lysine demethylase 6A (KDM6A)
234811_at	2.2	55839	Hs.726537	centromere protein N (CENPN)
215854_at	2.2		Hs.658795	
229111_at	2.2			
233431_x_at	2.2		Hs.672650	
1555364_at	2.19	10944	Hs.645792	chromosome 11 open reading frame 58 (C11orf58)
222839_s_at	2.19	64895	Hs.387471	poly (A) polymerase gamma (PAPOLG)
227902_at	2.19	286128	Hs.668016	ZFP41 zinc finger protein (ZFP41)
208120_x_at	2.19	400949		FKSG49 (FKSG49)
1557487_at	2.19		Hs.729517	
230302_at	2.19		Hs.264606	
234359_at	2.19		Hs.637693	
243368_at	2.19			
243442_x_at	2.19		Hs.670421	
213248_at	2.18	730101	Hs.7921	uncharacterized LOC730101 (LOC730101)
241993_x_at	2.18			
205135_s_at	2.17	26747	Hs.525006	NUFIP1, FMR1 interacting protein 1 (NUFIP1)
236017_at	2.17	51265	Hs.719926	cyclin dependent kinase like 3 (CDKL3)
244699_at	2.17	54806		Abelson helper integration site 1 (AHI1)
220306_at	2.17	54855	Hs.356216	family with sequence similarity 46 member C (FAM46C)
220535_at	2.17	55138	Hs.196086	family with sequence similarity 90 member A1 (FAM90A1)
1557817_a_at	2.17		Hs.317051	
216110_x_at	2.17		Hs.636887	
230795_at	2.17		Hs.597557	
239614_x_at	2.17		Hs.598923	
240800_x_at	2.17		Hs.672240	
230183_at	2.16	2131		exostosin glycosyltransferase 1 (EXT1)
206323_x_at	2.16	4983	Hs.128824	oligophrenin 1 (OPHN1)
206472_s_at	2.16	7090	Hs.287362	transducin like enhancer of split 3 (TLE3)
227361_at	2.16	9953	Hs.48384	heparan sulfate-glucosamine 3-sulfotransferase 3B1 (HS3ST3B1)

206060_s_at	2.16	26191	Hs.535276	protein tyrosine phosphatase, non-receptor type 22 (PTPN22)
215063_x_at	2.16	55631	Hs.147836	leucine rich repeat containing 40 (LRRC40)
224938_at	2.16	57532	Hs.462598	NUFIP2, FMR1 interacting protein 2 (NUFIP2)
221249_s_at	2.16	81558	Hs.514308	family with sequence similarity 117 member A (FAM117A)
213500_at	2.16		Hs.655756	
241835_at	2.16		Hs.742364	
204136_at	2.15	1294	Hs.476218	collagen type VII alpha 1 chain (COL7A1)
206521_s_at	2.15	2957	Hs.592334	general transcription factor IIA subunit 1 (GTF2A1)
212966_at	2.15	23119	Hs.632767	HIC ZBTB transcriptional repressor 2 (HIC2)
226873_at	2.15	54629		family with sequence similarity 63 member B (FAM63B)
222252_x_at	2.15	56893	Hs.283739	ubiquilin 4 (UBQLN4)
224719_s_at	2.15	113246	Hs.405913	chromosome 12 open reading frame 57 (C12orf57)
244071_at	2.15	345630	Hs.166262	fibrillarin-like 1 (FBLL1)
216473_x_at	2.15	100288687	Hs.728749	double homeobox 4 (DUX4)
214099_s_at	2.15	100996724	Hs.731111	phosphodiesterase 4D interacting protein-like (LOC100996724)
217713_x_at	2.15			
234357_at	2.15		Hs.594665	
243791_at	2.15		Hs.291993	
229358_at	2.14	3549	Hs.654504	indian hedgehog (IHH)
216248_s_at	2.14	4929	Hs.563344	nuclear receptor subfamily 4 group A member 2 (NR4A2)
210618_at	2.14	5909	Hs.148178	RAP1 GTPase activating protein (RAP1GAP)
210933_s_at	2.14	6624	Hs.118400	fascin actin-bundling protein 1 (FSCN1)
215012_at	2.14	26036	Hs.485628	zinc finger protein 451 (ZNF451)
229981_at	2.14	27131		sorting nexin 5 (SNX5)
227707_at	2.14	29116	Hs.484738	myosin regulatory light chain interacting protein (MYLIP)
219788_at	2.14	29992	Hs.444407	paired immunoglobulin like type 2 receptor alpha (PILRA)
238994_at	2.14	56957	Hs.98322	OTU deubiquitinase 7B (OTUD7B)
1569302_at	2.14	85459	Hs.458418	centrosomal protein 295 (CEP295)
224763_at	2.14	100506548	Hs.80545	uncharacterized LOC100506548 (LOC100506548)
242932_at	2.14		Hs.663184	
209304_x_at	2.13	4616	Hs.110571	growth arrest and DNA damage inducible beta (GADD45B)
212249_at	2.13	5295	Hs.132225	phosphoinositide-3-kinase regulatory subunit 1 (PIK3R1)
212783_at	2.13	5930	Hs.188553	RB binding protein 6, ubiquitin ligase (RBBP6)
209325_s_at	2.13	6004	Hs.413297	regulator of G-protein signaling 16 (RGS16)
216350_s_at	2.13	7556	Hs.573983	zinc finger protein 10 (ZNF10)
210576_at	2.13	11283	Hs.268554	cytochrome P450 family 4 subfamily F member 8 (CYP4F8)
230605_at	2.13			
204971_at	2.12	1475	Hs.518198	cystatin A (CSTA)
219682_s_at	2.12	6926	Hs.744016	T-box 3 (TBX3)
1555685_at	2.12	9563	Hs.463511	hexose-6-phosphate dehydrogenase/glucose 1-dehydrogenase (H6PD)
202524_s_at	2.12	9806	Hs.523009	SPARC/osteonectin, cwcv and kazal like domains proteoglycan 2 (SPOCK2)

222380_s_at	2.12	10016	Hs.50823	programmed cell death 6 (PDCD6)
1559214_at	2.12	26263	Hs.238914	F-box protein 22 (FBXO22)
205134_s_at	2.12	26747	Hs.525006	NUFIP1, FMR1 interacting protein 1 (NUFIP1)
210056_at	2.12	27289	Hs.124940	Rho family GTPase 1 (RND1)
221215_s_at	2.12	54101	Hs.517310	receptor interacting serine/threonine kinase 4 (RIPK4)
206500_s_at	2.12	55320	Hs.732769	MIS18 binding protein 1 (MIS18BP1)
227725_at	2.12	55808	Hs.105352	ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 1 (ST6GALNAC1)
1553335_x_at	2.12	285696	Hs.646924	uncharacterized LOC285696 (LOC285696)
1557300_s_at	2.12		Hs.656126	
240139_at	2.12		Hs.601985	
240485_at	2.12			
240782_at	2.12			
242419_at	2.12		Hs.672149	
212361_s_at	2.11	488	Hs.506759	ATPase sarcoplasmic/endoplasmic reticulum Ca ²⁺ transporting 2 (ATP2A2)
206104_at	2.11	3670	Hs.505	ISL LIM homeobox 1 (ISL1)
205802_at	2.11	7220	Hs.250687	transient receptor potential cation channel subfamily C member 1 (TRPC1)
210387_at	2.11	8339	Hs.591809	histone cluster 1 H2B family member g (HIST1H2BG)
230879_at	2.11	9532	Hs.745046	BCL2 associated athanogene 2 (BAG2)
201008_s_at	2.11	10628	Hs.709057	thioredoxin interacting protein (TXNIP)
64432_at	2.11	51275	Hs.333120	MAPKAPK5 antisense RNA 1 (MAPKAPK5-AS1)
218794_s_at	2.11	54957	Hs.134406	thioredoxin like 4B (TXNL4B)
1564963_x_at	2.11	168374		zinc finger protein 92 (ZNF92)
225444_at	2.11	254048	Hs.153458	ubiquitin 2 (UBN2)
1569409_x_at	2.11		Hs.662171	
208238_x_at	2.11			
215587_x_at	2.11			
227501_at	2.11		Hs.657637	
233593_at	2.11		Hs.636045	
241722_x_at	2.11			
242171_at	2.11			
228001_at	2.1	757		transmembrane protein 50B (TMEM50B)
213707_s_at	2.1	1749	Hs.99348	distal-less homeobox 5 (DLX5)
1565717_s_at	2.1	2521	Hs.46894	FUS RNA binding protein (FUS)
237215_s_at	2.1	7037	Hs.529618	transferrin receptor (TFRC)
240557_at	2.1	9819	Hs.658919	TSC22 domain family member 2 (TSC22D2)
218977_s_at	2.1	54952	Hs.533626	tRNA selenocysteine 1 associated protein 1 (TRNAU1AP)
202301_s_at	2.1	65117	Hs.432996	arginine and serine rich coiled-coil 2 (RSRC2)
228975_at	2.1	80320	Hs.253603	Sp6 transcription factor (SP6)
223627_at	2.1	84206	Hs.104744	mex-3 RNA binding family member B (MEX3B)
1557195_at	2.1			
1561212_at	2.1		Hs.737790	

214805_at	2.09	1973		eukaryotic translation initiation factor 4A1 (EIF4A1)
208046_at	2.09	8359	Hs.248178	histone cluster 1 H4 family member a (HIST1H4A)
244700_at	2.09	10952		Sec61 translocon beta subunit (SEC61B)
1559993_at	2.09	81855	Hs.283844	sideroflexin 3 (SFXN3)
235556_at	2.09	153222	Hs.484195	CREB3 regulatory factor (CREBRF)
235469_at	2.09	257415	Hs.18564; Hs.470311; Hs.489105	family with sequence similarity 133 member B (FAM133B)
1570329_at	2.09		Hs.680772	
233296_x_at	2.09		Hs.663956	
236149_at	2.09		Hs.677583	
203349_s_at	2.08	2119	Hs.43697	ETS variant 5 (ETV5)
1559042_at	2.08	4712		NADH:ubiquinone oxidoreductase subunit B6 (NDUFB6)
206293_at	2.08	6822	Hs.515835	sulfotransferase family 2A member 1 (SULT2A1)
215154_at	2.08	9706	Hs.168762	unc-51 like autophagy activating kinase 2 (ULK2)
243841_at	2.08	23224	Hs.745014	spectrin repeat containing nuclear envelope protein 2 (SYNE2)
215567_at	2.08	51077		FCF1 rRNA-processing protein (FCF1)
236910_at	2.08	54148		mitochondrial ribosomal protein L39 (MRPL39)
219619_at	2.08	54769	Hs.165636	DIRAS family GTPase 2 (DIRAS2)
1555217_at	2.08	55284	Hs.128841	ubiquitin conjugating enzyme E2 W (putative) (UBE2W)
231825_x_at	2.08	55729	Hs.591151	activating transcription factor 7 interacting protein (ATF7IP)
219810_at	2.08	80124	Hs.632066	valosin containing protein interacting protein 1 (VCP1P1)
230516_at	2.08	115416	Hs.87385	mitochondrial assembly of ribosomal large subunit 1 (MALSU1)
242684_at	2.08	155054	Hs.31743	zinc finger protein 425 (ZNF425)
1561402_at	2.08	339894	Hs.478050	long intergenic non-protein coding RNA 880 (LINC00880)
1557104_at	2.08	100101467	Hs.619840	zinc finger and SCAN domain containing 30 (ZSCAN30)
238214_at	2.08	100130742	Hs.733070	leucine rich repeat containing 69 (LRRC69)
1561364_at	2.08		Hs.562270	
207756_at	2.08			
222050_at	2.08			
236755_at	2.08		Hs.721078	
206402_s_at	2.07	8620	Hs.733076	neuropeptide FF-amide peptide precursor (NPFF)
205670_at	2.07	9514	Hs.17958	galactose-3-O-sulfotransferase 1 (GAL3ST1)
222152_at	2.07	10016	Hs.50823; Hs.675200	programmed cell death 6 (PDCD6)
229448_at	2.07	10715	Hs.412355	ceramide synthase 1 (CERS1)
236382_at	2.07	49856	Hs.31714	WD repeat containing, antisense to TP73 (WRAP73)
232330_at	2.07	55744	Hs.654779	cytochrome c oxidase assembly factor 1 homolog (COA1)
227521_at	2.07	254170	Hs.146632	F-box protein 33 (FBXO33)
236072_at	2.07		Hs.611173	
235309_at	2.06	6210	Hs.370504	ribosomal protein S15a (RPS15A)
219376_at	2.06	79692	Hs.126280; Hs.530271	zinc finger protein 322 (ZNF322)
236320_at	2.06	149483	Hs.18912	coiled-coil domain containing 17 (CCDC17)

239720_at	2.06	100125288	Hs.709296	zinc finger, GATA-like protein 1 (ZGLP1)
215920_s_at	2.06	100288332	Hs.513695	nuclear pore complex interacting protein family member A5 (NPIPA5)
1556332_at	2.06		Hs.634213	
234632_x_at	2.06		Hs.632607	
242562_at	2.06			
242819_at	2.06			
202149_at	2.05	4739	Hs.37982	neural precursor cell expressed, developmentally down-regulated 9 (NEDD9)
1558173_a_at	2.05	7798	Hs.257900	leucine zipper protein 1 (LUZP1)
204180_s_at	2.05	23099	Hs.355581	zinc finger and BTB domain containing 43 (ZBTB43)
219128_at	2.05	54980	Hs.720049	chromosome 2 open reading frame 42 (C2orf42)
223907_s_at	2.05	54984	Hs.490991	PIN2/TERF1 interacting, telomerase inhibitor 1 (PINX1)
234963_s_at	2.05	79152	Hs.461329	fatty acid 2-hydroxylase (FA2H)
230695_s_at	2.05	221421	Hs.534585	radial spoke head 9 homolog (RSPH9)
227301_at	2.05	643180	Hs.510847	chaperonin containing TCP1 subunit 6 pseudogene 3 (CCT6P3)
1560908_at	2.05		Hs.621482	
1562947_x_at	2.05		Hs.637462	
221176_x_at	2.05		Hs.677364	
239451_at	2.05		Hs.658060	
242695_at	2.05		Hs.718849	
211029_x_at	2.04	8817	Hs.87191	fibroblast growth factor 18 (FGF18)
220287_at	2.04	56999		ADAM metalloproteinase with thrombospondin type 1 motif 9 (ADAMTS9)
232814_x_at	2.04	84334	Hs.598441	apoptogenic 1, mitochondrial (APOPT1)
226970_at	2.04	254170	Hs.146632	F-box protein 33 (FBXO33)
232822_x_at	2.04	100506757	Hs.130961	long intergenic non-protein coding RNA 629 (LINC00629)
237464_at	2.04	101060386		putative uncharacterized SMG1-like protein (LOC101060386)
1558444_at	2.04		Hs.636810	
213747_at	2.04			
215387_x_at	2.04		Hs.661793	
220689_at	2.04			
233258_at	2.04			
241303_x_at	2.04			
204621_s_at	2.03	4929	Hs.563344	nuclear receptor subfamily 4 group A member 2 (NR4A2)
204622_x_at	2.03	4929	Hs.563344	nuclear receptor subfamily 4 group A member 2 (NR4A2)
1552343_s_at	2.03	5150	Hs.527119	phosphodiesterase 7A (PDE7A)
216206_x_at	2.03	5609		mitogen-activated protein kinase kinase 7 (MAP2K7)
205178_s_at	2.03	5930	Hs.188553	RB binding protein 6, ubiquitin ligase (RBBP6)
242945_at	2.03	54757	Hs.268874	FAM20A, golgi associated secretory pathway pseudokinase (FAM20A)
231930_at	2.03	55531	Hs.495779	ELMO domain containing 1 (ELMOD1)
219303_at	2.03	79596	Hs.567576	ring finger protein 219 (RNF219)
223898_at	2.03	93474	Hs.732305	zinc finger protein 670 (ZNF670)

230385_at	2.03	115123	Hs.132441	membrane associated ring-CH-type finger 3 (MARCH3)
222367_at	2.03	339005	Hs.212670; Hs.558967	WAS protein homolog associated with actin, golgi membranes and microtubules pseudogene 3 (WHAMMP3)
224568_x_at	2.03	378938	Hs.621695	metastasis associated lung adenocarcinoma transcript 1 (non-protein coding) (MALAT1)
1561693_at	2.03	400794	Hs.374847	uncharacterized LOC400794 (LOC400794)
215439_x_at	2.03		Hs.735077	
233468_at	2.03		Hs.658290	
233964_at	2.03		Hs.608498	
234425_at	2.03			
234640_x_at	2.03		Hs.632607	
236822_at	2.03			
241798_at	2.03			
242311_x_at	2.03		Hs.665404	
231273_x_at	2.02	2487	Hs.128453	frizzled-related protein (FRZB)
221919_at	2.02	3178		heterogeneous nuclear ribonucleoprotein A1 (HNRNPA1)
226275_at	2.02	4084	Hs.468908	MAX dimerization protein 1 (MXD1)
1557701_s_at	2.02	5429	Hs.655467	DNA polymerase eta (POLH)
230513_at	2.02	7917	Hs.440900	BCL2 associated athanogene 6 (BAG6)
213742_at	2.02	9295		serine and arginine rich splicing factor 11 (SRSF11)
230922_x_at	2.02	65991		FUN14 domain containing 2 (FUND2)
220411_x_at	2.02	79883	Hs.448497	podocan like 1 (PODNL1)
220575_at	2.02	80039	Hs.674403	family with sequence similarity 106 member A (FAM106A)
231009_at	2.02	84647	Hs.333175	phospholipase A2 group XIIB (PLA2G12B)
220352_x_at	2.02	645644	Hs.597810	uncharacterized LOC645644 (FLJ42627)
210580_x_at	2.02	100526830	Hs.460558; Hs.744871	SLX1A-SULT1A3 readthrough (NMD candidate) (SLX1A-SULT1A3)
1563941_at	2.02			
234531_at	2.02		Hs.658394	
241632_x_at	2.02		Hs.666891	
237813_at	2.01	5094	Hs.546271	poly (rC) binding protein 2 (PCBP2)
205559_s_at	2.01	5125	Hs.368542	proprotein convertase subtilisin/kexin type 5 (PCSK5)
242669_at	2.01	51569	Hs.643655	ubiquitin fold modifier 1 (UFM1)
227173_s_at	2.01	60468	Hs.269764	BTB domain and CNC homolog 2 (BACH2)
232449_at	2.01	83875	Hs.728325	beta-carotene oxygenase 2 (BCO2)
231044_at	2.01	127003	Hs.446962	chromosome 1 open reading frame 194 (C1orf194)
233525_s_at	2.01	158314	Hs.149940	long intergenic non-protein coding RNA 475 (LINC00475)
233399_x_at	2.01	286101	Hs.367856	zinc finger protein 252, pseudogene (ZNF252P)
1568807_a_at	2.01	100505538	Hs.600720	RBM26 antisense RNA 1 (RBM26-AS1)
214202_at	2.01		Hs.594968	
233847_x_at	2.01		Hs.703472	
242740_at	2.01		Hs.181483	
243043_at	2.01		Hs.623539	
228416_at	2	92	Hs.470174	activin A receptor type 2A (ACVR2A)

205555_s_at	2	4488	Hs.89404	msh homeobox 2 (MSX2)
214707_x_at	2	7840	Hs.184720	ALMS1, centrosome and basal body associated protein (ALMS1)
219239_s_at	2	55279	Hs.591650	zinc finger protein 654 (ZNF654)
1558426_x_at	2	80228	Hs.363308; Hs.736659	ORAI calcium release-activated calcium modulator 2 (ORAI2)
235397_at	2	285908	Hs.50755	long intergenic non-protein coding RNA 174 (LINC00174)
236504_x_at	2	347744	Hs.61389	chromosome 6 open reading frame 52 (C6orf52)
1556847_s_at	2		Hs.668411	
233984_at	2		Hs.702522	

Table SII. Genes downregulated ≥ 2 -fold by MIH 2.4B1 treatment.

Affymetrix ID	Fold Change	Entrez Gene	UniGene ID	Description
222108_at	-18.32	347902	Hs.121520	adhesion molecule with Ig like domain 2 (AMIGO2)
204602_at	-14.01	22943	Hs.40499	dickkopf WNT signaling pathway inhibitor 1 (DKK1)
228038_at	-10.91	6657	Hs.518438	SRY-box 2 (SOX2)
203595_s_at	-10.61	24138	Hs.252839	interferon induced protein with tetratricopeptide repeats 5 (IFIT5)
242245_at	-9.66		Hs.729233	
206115_at	-9.5	1960	Hs.534313	early growth response 3 (EGR3)
203066_at	-9.39	51363	Hs.287537	carbohydrate sulfotransferase 15 (CHST15)
204686_at	-8.69	3667	Hs.471508	insulin receptor substrate 1 (IRS1)
226863_at	-8.55	642273	Hs.8379	family with sequence similarity 110 member C (FAM110C)
203102_s_at	-8.39	4247	Hs.93338	mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase (MGAT2)
201795_at	-7.99	3930	Hs.435166	lamin B receptor (LBR)
242979_at	-7.84	3667	Hs.471508	insulin receptor substrate 1 (IRS1)
202599_s_at	-7.74	8204	Hs.155017	nuclear receptor interacting protein 1 (NRIP1)
217941_s_at	-7.57	55914	Hs.591774	erbB2 interacting protein (ERBIN)
218158_s_at	-7.48	26060	Hs.476415	adaptor protein, phosphotyrosine interacting with PH domain and leucine zipper 1 (APPL1)
223412_at	-7.39	84078	Hs.63841	kelch repeat and BTB domain containing 7 (KBTBD7)
206875_s_at	-7.21	9748	Hs.591922	STE20 like kinase (SLK)
202890_at	-7.19	9053	Hs.486548	microtubule associated protein 7 (MAP7)
213578_at	-7.14	657	Hs.524477	bone morphogenetic protein receptor type 1A (BMPRI1A)
232165_at	-7.07	83481	Hs.743673	epioplakin 1 (EPPK1)
209988_s_at	-6.93	429	Hs.703025	achaete-scute family bHLH transcription factor 1 (ASCL1)
202126_at	-6.9	8899	Hs.159014	pre-mRNA processing factor 4B (PRPF4B)
218263_s_at	-6.89	58486	Hs.655066	zinc finger BED-type containing 5 (ZBED5)
212911_at	-6.76	23341	Hs.655410	DnaJ heat shock protein family (Hsp40) member C16 (DNAJC16)
229970_at	-6.75	84078		kelch repeat and BTB domain containing 7 (KBTBD7)
201368_at	-6.72	678	Hs.503093	ZFP36 ring finger protein like 2 (ZFP36L2)
212688_at	-6.72	5291	Hs.239818	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit beta (PIK3CB)
232202_at	-6.71	222584	Hs.152423	family with sequence similarity 83 member B (FAM83B)
225971_at	-6.6	80821	Hs.125525	DDHD domain containing 1 (DDHD1)
213145_at	-6.58	144699	Hs.367956	F-box and leucine rich repeat protein 14 (FBXL14)
225984_at	-6.49	5562	Hs.43322	protein kinase AMP-activated catalytic subunit alpha 1 (PRKAA1)
227636_at	-6.4	168451	Hs.707689	THAP domain containing 5 (THAP5)
212209_at	-6.31	23389	Hs.603766	mediator complex subunit 13 like (MED13L)
225889_at	-6.29	121536	Hs.126497	AE binding protein 2 (AEBP2)
225572_at	-6.26	1385	Hs.516646	cAMP responsive element binding protein 1 (CREB1)
235142_at	-6.24	653121	Hs.546479	zinc finger and BTB domain containing 8A (ZBTB8A)
209602_s_at	-6.23	2625	Hs.524134	GATA binding protein 3 (GATA3)
218242_s_at	-6.23	51111	Hs.632120	lysine methyltransferase 5B (KMT5B)

226000_at	-6.16	55917	Hs.744100	CTTNBP2 N-terminal like (CTTNBP2NL)
212637_s_at	-6.11	11059	Hs.655189	WW domain containing E3 ubiquitin protein ligase 1 (WWP1)
213233_s_at	-6.11	55958	Hs.701778	kelch like family member 9 (KLHL9)
204554_at	-6.08	5509	Hs.42215	protein phosphatase 1 regulatory subunit 3D (PPP1R3D)
214820_at	-6.06	54014	Hs.654740	bromodomain and WD repeat domain containing 1 (BRWD1)
218829_s_at	-6.05	55636	Hs.20395	chromodomain helicase DNA binding protein 7 (CHD7)
202606_s_at	-6.03	9874	Hs.744917	tousled like kinase 1 (TLK1)
1552306_at	-6.03	84920	Hs.102971	ALG10, alpha-1,2-glucosyltransferase (ALG10)
202437_s_at	-5.92	1545	Hs.154654	cytochrome P450 family 1 subfamily B member 1 (CYP1B1)
204451_at	-5.88	8321	Hs.94234	frizzled class receptor 1 (FZD1)
218370_s_at	-5.88	64766	Hs.440880	S100P binding protein (S100PBP)
218259_at	-5.87	57496	Hs.49143	MKL1/myocardin like 2 (MKL2)
235078_at	-5.87		Hs.656818	
222414_at	-5.84	58508	Hs.647120	lysine methyltransferase 2C (KMT2C)
222415_at	-5.79	58508	Hs.647120	lysine methyltransferase 2C (KMT2C)
229377_at	-5.77	79774	Hs.745043	growth hormone regulated TBC protein 1 (GRTP1)
225086_at	-5.66	283742	Hs.744003	family with sequence similarity 98 member B (FAM98B)
227718_at	-5.66	100616393	Hs.349150	microRNA 4657 (MIR4657)
227803_at	-5.65	59084	Hs.35198	ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative) (ENPP5)
205749_at	-5.64	1543	Hs.72912	cytochrome P450 family 1 subfamily A member 1 (CYP1A1)
230734_x_at	-5.63	6801	Hs.127486	striatin (STRN)
209566_at	-5.59	51141	Hs.7089	insulin induced gene 2 (INSIG2)
201975_at	-5.56	6249	Hs.524809	CAP-Gly domain containing linker protein 1 (CLIP1)
224952_at	-5.5	26115	Hs.410889	tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 2 (TANC2)
227575_s_at	-5.48	55051	Hs.528131	NRDE-2, necessary for RNA interference, domain containing (NRDE2)
225997_at	-5.43	92597	Hs.691454	MOB kinase activator 1B (MOB1B)
233496_s_at	-5.42	1073	Hs.180141	cofilin 2 (CFL2)
204407_at	-5.42	8458	Hs.486818	transcription termination factor 2 (TTF2)
226321_at	-5.41	116068	Hs.136235	LysM domain containing 3 (LYSMD3)
229092_at	-5.39	7026	Hs.347991	nuclear receptor subfamily 2 group F member 2 (NR2F2)
219342_at	-5.39	64921	Hs.260041	CAS1 domain containing 1 (CASD1)
202769_at	-5.36	901	Hs.740456	cyclin G2 (CCNG2)
201669_s_at	-5.36	4082	Hs.519909; Hs.712658	myristoylated alanine rich protein kinase C substrate (MARCKS)
228189_at	-5.36	9530	Hs.194726	BCL2 associated athanogene 4 (BAG4)
221502_at	-5.35	3839	Hs.527919	karyopherin subunit alpha 3 (KPNA3)
225132_at	-5.34	26224	Hs.508284	F-box and leucine rich repeat protein 3 (FBXL3)
226199_at	-5.33	139596	Hs.91612	uracil phosphoribosyltransferase homolog (UPRT)
227295_at	-5.32	121457	Hs.252543	IKBKB interacting protein (IKBIP)
204832_s_at	-5.29	657	Hs.524477	bone morphogenetic protein receptor type 1A (BMPRI1A)
1558254_s_at	-5.29	6733	Hs.285197	SRSF protein kinase 2 (SRPK2)

205739_x_at	-5.29	51427	Hs.732661	zinc finger protein 107 (ZNF107)
222572_at	-5.29	54704	Hs.22265	pyruvate dehydrogenase phosphatase catalytic subunit 1 (PDP1)
234986_at	-5.27	2730	Hs.315562	glutamate-cysteine ligase modifier subunit (GCLM)
225694_at	-5.23	51755	Hs.416108	cyclin dependent kinase 12 (CDK12)
227273_at	-5.22	657		bone morphogenetic protein receptor type 1A (BMPRI1A)
213090_s_at	-5.2	6874	Hs.18857	TATA-box binding protein associated factor 4 (TAF4)
235392_at	-5.2		Hs.720470	
219410_at	-5.18	55076	Hs.658956	transmembrane protein 45A (TMEM45A)
1554450_s_at	-5.14	166968	Hs.657594	MIER family member 3 (MIER3)
226503_at	-5.13	55183	Hs.655671	replication timing regulatory factor 1 (RIF1)
224872_at	-5.12	57609	Hs.505516	disco interacting protein 2 homolog B (DIP2B)
225426_at	-5.11	5537	Hs.744091	protein phosphatase 6 catalytic subunit (PPP6C)
229638_at	-5.11	79191	Hs.499205	iroquois homeobox 3 (IRX3)
229285_at	-5.1	6041	Hs.518545	ribonuclease L (RNASEL)
217954_s_at	-5.1	23469	Hs.348921	PHD finger protein 3 (PHF3)
1558233_s_at	-5.09	466	Hs.648565	activating transcription factor 1 (ATF1)
212901_s_at	-5.08	23283	Hs.591358	cleavage stimulation factor subunit 2 tau variant (CSTF2T)
222623_s_at	-5.08	51193	Hs.632578	zinc finger protein 639 (ZNF639)
237086_at	-5.07	3169	Hs.163484	forkhead box A1 (FOXA1)
204284_at	-5.07	5507	Hs.303090	protein phosphatase 1 regulatory subunit 3C (PPP1R3C)
215440_s_at	-5.07	56271	Hs.184736	brain expressed X-linked 4 (BEX4)
215017_s_at	-5.06	54874	Hs.134060	formin binding protein 1 like (FNBP1L)
202600_s_at	-5.05	8204	Hs.155017	nuclear receptor interacting protein 1 (NRIP1)
231960_at	-5.05	54014	Hs.654740	bromodomain and WD repeat domain containing 1 (BRWD1)
225325_at	-5.04	54842	Hs.418581; Hs.744117	major facilitator superfamily domain containing 6 (MFSD6)
204291_at	-5.03	9849	Hs.600823	zinc finger protein 518A (ZNF518A)
225040_s_at	-5.01	6120	Hs.282260	ribulose-5-phosphate-3-epimerase (RPE)
222837_s_at	-5	80155	Hs.745047	N (alpha)-acetyltransferase 15, NatA auxiliary subunit (NAA15)
212616_at	-5	80205	Hs.59159; Hs.622347	chromodomain helicase DNA binding protein 9 (CHD9)
202969_at	-4.99	8445	Hs.173135	dual specificity tyrosine phosphorylation regulated kinase 2 (DYRK2)
203780_at	-4.99	10205	Hs.116651	myelin protein zero like 2 (MPZL2)
212754_s_at	-4.98	23041	Hs.389378	MON2 homolog, regulator of endosome-to-Golgi trafficking (MON2)
219631_at	-4.98	29967	Hs.600630	LDL receptor related protein 12 (LRP12)
223535_at	-4.96	83594	Hs.434289	nudix hydrolase 12 (NUDT12)
224570_s_at	-4.96	359948	Hs.350268	interferon regulatory factor 2 binding protein 2 (IRF2BP2)
218031_s_at	-4.95	1112	Hs.434286	forkhead box N3 (FOXN3)
235296_at	-4.94	56648	Hs.164144	eukaryotic translation initiation factor 5A2 (EIF5A2)
225897_at	-4.93	4082	Hs.519909	myristoylated alanine rich protein kinase C substrate (MARCKS)
207643_s_at	-4.92	7132	Hs.279594; Hs.713833	TNF receptor superfamily member 1A (TNFRSF1A)

219330_at	-4.92	81839	Hs.515130	VANGL planar cell polarity protein 1 (VANGL1)
238778_at	-4.92	143098	Hs.499159	membrane palmitoylated protein 7 (MPP7)
225512_at	-4.87	253461	Hs.518301	zinc finger and BTB domain containing 38 (ZBTB38)
205107_s_at	-4.83	1945	Hs.449913	ephrin A4 (EFNA4)
227199_at	-4.83	23181	Hs.189585	disco interacting protein 2 homolog A (DIP2A)
226867_at	-4.83	55667	Hs.249591	DENN domain containing 4C (DENND4C)
226785_at	-4.83	286410	Hs.88252	ATPase phospholipid transporting 11C (ATP11C)
216713_at	-4.8	889	Hs.531987	KRIT1, ankyrin repeat containing (KRIT1)
242648_at	-4.8	57563	Hs.106601	kelch like family member 8 (KLHL8)
231975_s_at	-4.78	166968	Hs.657594	MIER family member 3 (MIER3)
219280_at	-4.77	54014	Hs.654740	bromodomain and WD repeat domain containing 1 (BRWD1)
218816_at	-4.76	55227	Hs.606493	leucine rich repeat containing 1 (LRRC1)
235072_s_at	-4.76	63971	Hs.94499	kinesin family member 13A (KIF13A)
218107_at	-4.76	80232	Hs.497873	WD repeat domain 26 (WDR26)
203614_at	-4.75	440138	Hs.512963	ALG11, alpha-1,2-mannosyltransferase (ALG11)
1558700_s_at	-4.74	339324	Hs.18103	zinc finger protein 260 (ZNF260)
204012_s_at	-4.73	9836	Hs.745356	leucine carboxyl methyltransferase 2 (LCMT2)
226635_at	-4.73	100506710	Hs.446271	endogenous Bornavirus-like nucleoprotein 3, pseudogene (EBLN3P)
226617_at	-4.73	101929356	Hs.470233	uncharacterized LOC101929356 (LOC101929356)
218643_s_at	-4.71	9419	Hs.133998	CXXC repeat containing interactor of PDZ3 domain (CRIPT)
226452_at	-4.7	5163	Hs.470633	pyruvate dehydrogenase kinase 1 (PDK1)
227433_at	-4.69	205717	Hs.632570	upstream transcription factor family member 3 (USF3)
223176_at	-4.69	222658	Hs.188757	potassium channel tetramerization domain containing 20 (KCTD20)
226137_at	-4.68	463	Hs.598297	zinc finger homeobox 3 (ZFH3)
210175_at	-4.68	6936	Hs.303808	GC-rich sequence DNA-binding factor 2 (GCFC2)
209604_s_at	-4.67	2625	Hs.524134	GATA binding protein 3 (GATA3)
211959_at	-4.67	3488	Hs.607212	insulin like growth factor binding protein 5 (IGFBP5)
224036_s_at	-4.67	64327	Hs.209989	limb development membrane protein 1 (LMBR1)
229533_x_at	-4.67	340252	Hs.520886	zinc finger protein 680 (ZNF680)
218807_at	-4.66	10451	Hs.267659	vav guanine nucleotide exchange factor 3 (VAV3)
219918_s_at	-4.66	259266	Hs.121028	abnormal spindle microtubule assembly (ASPM)
212930_at	-4.64	490	Hs.506276	ATPase plasma membrane Ca ²⁺ transporting 1 (ATP2B1)
202436_s_at	-4.64	1545	Hs.154654	cytochrome P450 family 1 subfamily B member 1 (CYP1B1)
224441_s_at	-4.64	85015	Hs.143410	ubiquitin specific peptidase 45 (USP45)
215073_s_at	-4.63	7026	Hs.347991	nuclear receptor subfamily 2 group F member 2 (NR2F2)
231864_at	-4.63	7581	Hs.435774	zinc finger protein 33A (ZNF33A)
222538_s_at	-4.63	26060	Hs.476415	adaptor protein, phosphotyrosine interacting with PH domain and leucine zipper 1 (APPL1)
222602_at	-4.62	55236	Hs.212774	ubiquitin like modifier activating enzyme 6 (UBA6)
222624_s_at	-4.61	51193	Hs.632578	zinc finger protein 639 (ZNF639)
219990_at	-4.61	79733	Hs.523526	E2F transcription factor 8 (E2F8)
213128_s_at	-4.6	7337	Hs.598862	ubiquitin protein ligase E3A (UBE3A)
242056_at	-4.6	80263	Hs.301526	tripartite motif containing 45 (TRIM45)

223404_s_at	-4.6	81627	Hs.107149	tRNA methyltransferase 1 like (TRMT1L)
225735_at	-4.59	57182	Hs.480694	ankyrin repeat domain 50 (ANKRD50)
201455_s_at	-4.58	9520	Hs.443837	aminopeptidase puromycin sensitive (NPEPPS)
226347_at	-4.58			
202979_s_at	-4.57	58487	Hs.535319	CREB/ATF bZIP transcription factor (CREBZF)
201428_at	-4.56	1364	Hs.647036; Hs.729359	claudin 4 (CLDN4)
228654_at	-4.56	139886	Hs.612782	spindlin family member 4 (SPIN4)
226225_at	-4.55	4163	Hs.593171	mutated in colorectal cancers (MCC)
209234_at	-4.55	23095	Hs.97858	kinesin family member 1B (KIF1B)
203787_at	-4.55	23635	Hs.102735	single stranded DNA binding protein 2 (SSBP2)
243927_x_at	-4.55	25962	Hs.202238	KIAA1429 (KIAA1429)
224416_s_at	-4.55	80306	Hs.731966	mediator complex subunit 28 (MED28)
235698_at	-4.55	146198	Hs.461074	ZFP90 zinc finger protein (ZFP90)
218586_at	-4.54	55257	Hs.590870	MRG domain binding protein (MRGBP)
228980_at	-4.54	100529207	Hs.13680	RAD51L3-RFFL readthrough (RAD51L3-RFFL)
230029_x_at	-4.53	130507	Hs.379548	ubiquitin protein ligase E3 component n-recogin 3 (putative) (UBR3)
218498_s_at	-4.52	30001	Hs.592304	endoplasmic reticulum oxidoreductase 1 alpha (ERO1A)
217887_s_at	-4.5	2060	Hs.83722	epidermal growth factor receptor pathway substrate 15 (EPS15)
201110_s_at	-4.49	7057	Hs.164226	thrombospondin 1 (THBS1)
232164_s_at	-4.48	83481	Hs.743673	epiplakin 1 (EPPK1)
225447_at	-4.47	2820	Hs.512382	glycerol-3-phosphate dehydrogenase 2 (GPD2)
227290_at	-4.47	124359	Hs.60257	chromodomain Y-like 2 (CDYL2)
235432_at	-4.46	27031	Hs.511991	nephrocystin 3 (NPHP3)
226341_at	-4.46	100506365	Hs.153412	OTUD6B antisense RNA 1 (head to head) (OTUD6B-AS1)
206683_at	-4.45	7718	Hs.55481	zinc finger protein 165 (ZNF165)
225133_at	-4.45	51274	Hs.298658	Kruppel like factor 3 (KLF3)
221596_s_at	-4.45	84060	Hs.21590	RNA binding motif protein 48 (RBM48)
230836_at	-4.44	7903	Hs.308628	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4 (ST8SIA4)
222657_s_at	-4.44	55284	Hs.128841	ubiquitin conjugating enzyme E2 W (putative) (UBE2W)
238756_at	-4.44	283431	Hs.20575	growth arrest specific 2 like 3 (GAS2L3)
201369_s_at	-4.43	678	Hs.503093	ZFP36 ring finger protein like 2 (ZFP36L2)
225308_s_at	-4.43	85461	Hs.61590	tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 1 (TANC1)
203791_at	-4.42	1657	Hs.181042	Dmx like 1 (DMXL1)
229309_at	-4.41	153	Hs.99913	adrenoceptor beta 1 (ADRB1)
225970_at	-4.41	80821	Hs.125525	DDHD domain containing 1 (DDHD1)
201862_s_at	-4.4	9208	Hs.471779	LRR binding FLII interacting protein 1 (LRRFIP1)
1557965_at	-4.4	130916	Hs.159556	mitochondrial transcription termination factor 4 (MTERF4)
221245_s_at	-4.39	7855	Hs.17631	frizzled class receptor 5 (FZD5)
225936_at	-4.39	163126	Hs.18949	EP300 interacting inhibitor of differentiation 2 (EID2)
34031_i_at	-4.38	889	Hs.531987	KRIT1, ankyrin repeat containing (KRIT1)

226302_at	-4.38	5205	Hs.216623	ATPase phospholipid transporting 8B1 (ATP8B1)
213208_at	-4.37	23506	Hs.658033	GLTSCR1 like (GLTSCR1L)
212366_at	-4.36	23036	Hs.485892	zinc finger protein 292 (ZNF292)
235690_at	-4.36	84622	Hs.658402	zinc finger protein 594 (ZNF594)
228005_at	-4.35	158586	Hs.156257	zinc finger, X-linked, duplicated B (ZXDB)
227385_at	-4.35	403313	Hs.107510	phospholipid phosphatase 6 (PLPP6)
224663_s_at	-4.34	1073	Hs.180141	cofilin 2 (CFL2)
202934_at	-4.34	3099	Hs.591588	hexokinase 2 (HK2)
223268_at	-4.34	28970	Hs.8360	chromosome 11 open reading frame 54 (C11orf54)
225830_at	-4.34	118987	Hs.501149	PDZ domain containing 8 (PDZD8)
218311_at	-4.33	8491	Hs.655750	mitogen-activated protein kinase kinase kinase 3 (MAP4K3)
226161_at	-4.33	55676	Hs.23248	solute carrier family 30 member 6 (SLC30A6)
222103_at	-4.32	466	Hs.648565	activating transcription factor 1 (ATF1)
223465_at	-4.32	10087	Hs.270437	collagen type IV alpha 3 binding protein (COL4A3BP)
226143_at	-4.32	10743	Hs.655395	retinoic acid induced 1 (RAI1)
204838_s_at	-4.32	27030	Hs.436650	mutL homolog 3 (MLH3)
213528_at	-4.32	92342	Hs.33922	methyltransferase like 18 (METTL18)
216321_s_at	-4.31	2908	Hs.122926	nuclear receptor subfamily 3 group C member 1 (NR3C1)
226894_at	-4.31	23443	Hs.448979	solute carrier family 35 member A3 (SLC35A3)
219291_at	-4.3	56986	Hs.127432	DTW domain containing 1 (DTWD1)
227020_at	-4.3	388403	Hs.463613	yippee like 2 (YPEL2)
207785_s_at	-4.27	3516	Hs.479396	recombination signal binding protein for immunoglobulin kappa J region (RBPJ)
209307_at	-4.27	23075	Hs.153026	SWAP switching B-cell complex 70kDa subunit (SWAP70)
228242_at	-4.27	55728	Hs.391463	NEDD4 binding protein 2 (N4BP2)
228531_at	-4.26	54809	Hs.65641	sterile alpha motif domain containing 9 (SAMD9)
217880_at	-4.25	996	Hs.463295	cell division cycle 27 (CDC27)
232278_s_at	-4.25	55635	Hs.445098	DEP domain containing 1 (DEPDC1)
222473_s_at	-4.25	55914	Hs.591774	erbb2 interacting protein (ERBIN)
222807_at	-4.25	56946	Hs.352588	EMSY, BRCA2 interacting transcriptional repressor (EMSY)
1553928_at	-4.25	255520	Hs.450105	ELMO domain containing 2 (ELMOD2)
212593_s_at	-4.23	100616113	Hs.711490	microRNA 4680 (MIR4680)
220952_s_at	-4.22	54477	Hs.188614	pleckstrin homology domain containing A5 (PLEKHA5)
236180_at	-4.22		Hs.657792	
203182_s_at	-4.21	6733	Hs.285197	SRSF protein kinase 2 (SRPK2)
209684_at	-4.21	54453	Hs.472270	Ras and Rab interactor 2 (RIN2)
221493_at	-4.19	7259	Hs.458358; Hs.744978	TSPY like 1 (TSPYL1)
224725_at	-4.19	57534	Hs.140903	mindbomb E3 ubiquitin protein ligase 1 (MIB1)
212721_at	-4.18	140890	Hs.49367	splicing regulatory glutamic acid and lysine rich protein 1 (SREK1)
215001_s_at	-4.17	2752	Hs.518525	glutamate-ammonia ligase (GLUL)
233656_s_at	-4.17	51542	Hs.48499	VPS54, GARP complex subunit (VPS54)
213094_at	-4.17	57211	Hs.743302	adhesion G protein-coupled receptor G6 (ADGRG6)

229983_at	-4.17	166815	Hs.58924	tigger transposable element derived 2 (TIGD2)
226259_at	-4.16	54536	Hs.655657	exocyst complex component 6 (EXOC6)
202435_s_at	-4.15	1545	Hs.154654	cytochrome P450 family 1 subfamily B member 1 (CYP1B1)
202449_s_at	-4.15	6256	Hs.590886	retinoid X receptor alpha (RXRA)
227391_x_at	-4.15	9208	Hs.471779	LRR binding FLII interacting protein 1 (LRRFIP1)
225922_at	-4.15	57600		folliculin interacting protein 2 (FNIP2)
1554480_a_at	-4.15	83787	Hs.287412	armadillo repeat containing 10 (ARMC10)
201493_s_at	-4.13	23369	Hs.467824	pumilio RNA binding family member 2 (PUM2)
212207_at	-4.12	23389	Hs.603766	mediator complex subunit 13 like (MED13L)
230185_at	-4.12	79725	Hs.582050	THAP domain containing 9 (THAP9)
203706_s_at	-4.11	8324	Hs.173859	frizzled class receptor 7 (FZD7)
220206_at	-4.11	79830	Hs.471243	zinc finger MYM-type containing 1 (ZMYM1)
241342_at	-4.11	157378	Hs.187646	transmembrane protein 65 (TMEM65)
229873_at	-4.1	283219	Hs.528439	potassium channel tetramerization domain containing 21 (KCTD21)
203642_s_at	-4.08	22837	Hs.470457	cordon-bleu WH2 repeat protein like 1 (COBL1)
223090_x_at	-4.08	55591	Hs.24135	vezatin, adherens junctions transmembrane protein (VEZT)
224788_at	-4.07	382	Hs.525330	ADP ribosylation factor 6 (ARF6)
202706_s_at	-4.07	7372	Hs.2057	uridine monophosphate synthetase (UMPS)
212614_at	-4.07	84159	Hs.535297	AT-rich interaction domain 5B (ARID5B)
228961_at	-4.07	166968	Hs.657594	MIER family member 3 (MIER3)
224471_s_at	-4.06	8945	Hs.643802	beta-transducin repeat containing E3 ubiquitin protein ligase (BTRC)
230748_at	-4.06	9120	Hs.42645	solute carrier family 16 member 6 (SLC16A6)
203531_at	-4.05	8065	Hs.440320	cullin 5 (CUL5)
218694_at	-4.05	51309	Hs.9728	armadillo repeat containing, X-linked 1 (ARMCX1)
205005_s_at	-4.04	9397	Hs.60339	N-myristoyltransferase 2 (NMT2)
201670_s_at	-4.03	4082	Hs.519909; Hs.712658	myristoylated alanine rich protein kinase C substrate (MARCKS)
219368_at	-4.03	4674	Hs.740565	nucleosome assembly protein 1 like 2 (NAP1L2)
226901_at	-4.03	284018	Hs.90790	chromosome 17 open reading frame 58 (C17orf58)
223214_s_at	-4.02	11244	Hs.521800	zinc fingers and homeoboxes 1 (ZHX1)
212589_at	-4.02	22800	Hs.502004	related RAS viral (r-ras) oncogene homolog 2 (RRAS2)
238593_at	-4.02	79703	Hs.292088	chromosome 11 open reading frame 80 (C11orf80)
226612_at	-4.02	134111	Hs.126856	ubiquitin conjugating enzyme E2 Q family like 1 (UBE2QL1)
224793_s_at	-4.01	7046	Hs.494622	transforming growth factor beta receptor 1 (TGFB1)
208051_s_at	-4.01	10605	Hs.482038	poly (A) binding protein interacting protein 1 (PAIP1)
221826_at	-4.01	90806	Hs.157078	angel homolog 2 (ANGEL2)
235857_at	-4.01	147040	Hs.592112	potassium channel tetramerization domain containing 11 (KCTD11)
203935_at	-4	90	Hs.470316	activin A receptor type 1 (ACVR1)
205296_at	-4	5933	Hs.207745	RB transcriptional corepressor like 1 (RBL1)
218428_s_at	-4	51455	Hs.443077	REV1, DNA directed polymerase (REV1)
225052_at	-4	94107	Hs.231029	transmembrane protein 203 (TMEM203)
203651_at	-3.99	9765	Hs.482660	zinc finger FYVE-type containing 16 (ZFYVE16)

229292_at	-3.99	57669	Hs.369232	erythrocyte membrane protein band 4.1 like 5 (EPB41L5)
203925_at	-3.98	2730	Hs.315562	glutamate-cysteine ligase modifier subunit (GCLM)
208127_s_at	-3.98	9655	Hs.468426	suppressor of cytokine signaling 5 (SOCS5)
203356_at	-3.98	23473	Hs.595234	calpain 7 (CAPN7)
209603_at	-3.97	2625	Hs.524134	GATA binding protein 3 (GATA3)
204761_at	-3.97	9712	Hs.498661	USP6 N-terminal like (USP6NL)
207098_s_at	-3.97	55669	Hs.478383	mitofusin 1 (MFN1)
225227_at	-3.96	6498	Hs.536655	SKI like proto-oncogene (SKIL)
209106_at	-3.96	8648	Hs.596314	nuclear receptor coactivator 1 (NCOA1)
203044_at	-3.96	22856	Hs.110488	chondroitin sulfate synthase 1 (CHSY1)
222656_at	-3.96	55284	Hs.128841	ubiquitin conjugating enzyme E2 W (putative) (UBE2W)
212526_at	-3.95	23111	Hs.440414	spastic paraplegia 20 (Troyer syndrome) (SPG20)
213122_at	-3.95	85453	Hs.173094	TSPY like 5 (TSPYL5)
221931_s_at	-3.94	81929	Hs.301048	SEH1 like nucleoporin (SEH1L)
211061_s_at	-3.93	4247	Hs.93338	mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase (MGAT2)
225594_at	-3.93	58487	Hs.535319	CREB/ATF bZIP transcription factor (CREBZF)
220205_at	-3.92	7179	Hs.122986	transmembrane phosphatase with tensin homology (TPTE)
213118_at	-3.92	23074	Hs.620701	UHRF1 binding protein 1 like (UHRF1BP1L)
228286_at	-3.91	348654	Hs.467793	GEN1, Holliday junction 5' flap endonuclease (GEN1)
202346_at	-3.9	3093	Hs.50308	ubiquitin conjugating enzyme E2 K (UBE2K)
216266_s_at	-3.9	10565	Hs.656902	ADP ribosylation factor guanine nucleotide exchange factor 1 (ARFGEF1)
212905_at	-3.9	23283	Hs.591358	cleavage stimulation factor subunit 2 tau variant (CSTF2T)
224628_at	-3.9	27248	Hs.438336	endoplasmic reticulum lectin 1 (ERLEC1)
218513_at	-3.9	55319	Hs.267446	translation machinery associated 16 homolog (TMA16)
212500_at	-3.9	84890	Hs.99821	2-aminoethanethiol dioxygenase (ADO)
230003_at	-3.89	9194	Hs.88156	solute carrier family 16 member 7 (SLC16A7)
226169_at	-3.89	81846	Hs.577252	SET binding factor 2 (SBF2)
211962_s_at	-3.88	677	Hs.85155	ZFP36 ring finger protein like 1 (ZFP36L1)
202770_s_at	-3.88	901	Hs.740456	cyclin G2 (CCNG2)
225741_at	-3.88	25917	Hs.443081	THUMP domain containing 3 (THUMPD3)
205022_s_at	-3.87	1112	Hs.434286	forkhead box N3 (FOXN3)
231822_at	-3.87	55917	Hs.744100	CTTNBP2 N-terminal like (CTTNBP2NL)
219439_at	-3.87	56913	Hs.239666	core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1 (C1GALT1)
218252_at	-3.86	26586	Hs.444028	cytoskeleton associated protein 2 (CKAP2)
220770_s_at	-3.86	63920	Hs.529464	zinc finger BED-type containing 8 (ZBED8)
225026_at	-3.86	84181	Hs.740645	chromodomain helicase DNA binding protein 6 (CHD6)
227443_at	-3.86	286343	Hs.445356	leucine rich adaptor protein 1 like (LURAP1L)
209120_at	-3.85	7026	Hs.347991	nuclear receptor subfamily 2 group F member 2 (NR2F2)
227109_at	-3.85	120227	Hs.371427	cytochrome P450 family 2 subfamily R member 1 (CYP2R1)
234982_at	-3.85	130507	Hs.379548	ubiquitin protein ligase E3 component n-recogin 3 (putative) (UBR3)

226334_s_at	-3.85	130872	Hs.655602	AHA1, activator of heat shock 90kDa protein ATPase homolog 2 (yeast) (AHSA2)
226431_at	-3.85	150864	Hs.471130	family with sequence similarity 117 member B (FAM117B)
202620_s_at	-3.84	5352	Hs.477866	procollagen-lysine,2-oxoglutarate 5-dioxygenase 2 (PLOD2)
223046_at	-3.84	54583	Hs.444450	egl-9 family hypoxia inducible factor 1 (EGLN1)
223983_s_at	-3.84	83636	Hs.529094	chromosome 19 open reading frame 12 (C19orf12)
238962_at	-3.84	148213	Hs.399952	zinc finger protein 681 (ZNF681)
238907_at	-3.84	284323	Hs.115140	zinc finger protein 780A (ZNF780A)
201250_s_at	-3.83	6513	Hs.473721	solute carrier family 2 member 1 (SLC2A1)
213310_at	-3.83	27161	Hs.743313	argonaute 2, RISC catalytic component (AGO2)
226665_at	-3.83	130872		AHA1, activator of heat shock 90kDa protein ATPase homolog 2 (yeast) (AHSA2)
204314_s_at	-3.81	1385	Hs.516646	cAMP responsive element binding protein 1 (CREB1)
203629_s_at	-3.81	10466	Hs.239631	component of oligomeric golgi complex 5 (COG5)
244385_at	-3.81	23081	Hs.709425	lysine demethylase 4C (KDM4C)
218930_s_at	-3.81	54664	Hs.396358	transmembrane protein 106B (TMEM106B)
1554345_a_at	-3.81	54826	Hs.24088	gypsy retrotransposon integrase 1 (GIN1)
217043_s_at	-3.81	55669	Hs.478383	mitofusin 1 (MFN1)
238761_at	-3.8	2005	Hs.497520	ELK4, ETS transcription factor (ELK4)
222843_at	-3.8	63979	Hs.137516	fidgetin like 1 (FIGNL1)
225872_at	-3.8	80255	Hs.632527	solute carrier family 35 member F5 (SLC35F5)
205161_s_at	-3.79	8800	Hs.31034	peroxisomal biogenesis factor 11 alpha (PEX11A)
236641_at	-3.79	9928	Hs.3104	kinesin family member 14 (KIF14)
225946_at	-3.79	11228	Hs.696433	Ras association domain family member 8 (RASSF8)
218578_at	-3.79	79577	Hs.378996	cell division cycle 73 (CDC73)
225158_at	-3.79	85476	Hs.518355	G elongation factor mitochondrial 1 (GFM1)
57516_at	-3.79	92595	Hs.132227	zinc finger protein 764 (ZNF764)
227455_at	-3.79	221545	Hs.591787	chromosome 6 open reading frame 136 (C6orf136)
212503_s_at	-3.78	22982	Hs.432397	disco interacting protein 2 homolog C (DIP2C)
218149_s_at	-3.78	55893	Hs.435535	zinc finger protein 395 (ZNF395)
1555789_s_at	-3.78	79142	Hs.644724	PHD finger protein 23 (PHF23)
227368_at	-3.78		Hs.663281	
233849_s_at	-3.77	394	Hs.592313	Rho GTPase activating protein 5 (ARHGAP5)
203124_s_at	-3.77	4891	Hs.505545	solute carrier family 11 member 2 (SLC11A2)
222627_at	-3.77	51542		VPS54, GARP complex subunit (VPS54)
240798_at	-3.77			
224765_at	-3.76	339287	Hs.532786	male specific lethal 1 homolog (MSL1)
224571_at	-3.76	359948	Hs.350268	interferon regulatory factor 2 binding protein 2 (IRF2BP2)
212945_s_at	-3.75	23269	Hs.187569	MGA, MAX dimerization protein (MGA)
207181_s_at	-3.74	840	Hs.9216	caspase 7 (CASP7)
223257_at	-3.74	55632	Hs.509008	G2/M-phase specific E3 ubiquitin protein ligase (G2E3)
209112_at	-3.73	1027	Hs.238990	cyclin dependent kinase inhibitor 1B (CDKN1B)
213387_at	-3.73	54454	Hs.467862	ATPase family, AAA domain containing 2B (ATAD2B)

221568_s_at	-3.73	55327	Hs.91393	lin-7 homolog C, crumbs cell polarity complex component (LIN7C)
224827_at	-3.73	92181	Hs.131570	ubiquitin domain containing 2 (UBTD2)
1564637_a_at	-3.73	283742	Hs.744003	family with sequence similarity 98 member B (FAM98B)
225160_x_at	-3.72	4193	Hs.484551	MDM2 proto-oncogene (MDM2)
236388_at	-3.72	6801	Hs.127486	striatin (STRN)
212096_s_at	-3.72	57509	Hs.7946	microtubule associated tumor suppressor 1 (MTUS1)
219127_at	-3.72	79170	Hs.368260	proline rich 15 like (PRR15L)
225807_at	-3.72	84962	Hs.655832	ajuba LIM protein (AJUBA)
228446_at	-3.72	158358	Hs.535060	KIAA2026 (KIAA2026)
1552664_at	-3.72	201163	Hs.31652	folliculin (FLCN)
226366_at	-3.72	257218	Hs.723297	SNF2 histone linker PHD RING helicase (SHPRH)
202642_s_at	-3.71	8295	Hs.203952	transformation/transcription domain associated protein (TRRAP)
213786_at	-3.71	8887	Hs.34576	Tax1 binding protein 1 (TAX1BP1)
218649_x_at	-3.71	9147	Hs.655964	nuclear export mediator factor (NEMF)
228745_at	-3.71	54557	Hs.482301; Hs.707786	small glutamine rich tetratricopeptide repeat containing beta (SGTB)
225461_at	-3.71	79813	Hs.495511	euchromatic histone lysine methyltransferase 1 (EHMT1)
209551_at	-3.71	84272	Hs.468099	Yip1 domain family member 4 (YIPF4)
204313_s_at	-3.7	1385	Hs.516646	cAMP responsive element binding protein 1 (CREB1)
210117_at	-3.7	6674	Hs.591866	sperm associated antigen 1 (SPAG1)
203705_s_at	-3.7	8324	Hs.173859	frizzled class receptor 7 (FZD7)
225181_at	-3.7	57492	Hs.291587	AT-rich interaction domain 1B (ARID1B)
235722_at	-3.7	100529257	Hs.443661	SYNJ2BP-COX16 readthrough (SYNJ2BP-COX16)
38892_at	-3.69	23506	Hs.658033	GLTSCR1 like (GLTSCR1L)
228543_at	-3.69	100303755	Hs.488051	PET117 homolog (PET117)
205415_s_at	-3.68	4287	Hs.532632	ataxin 3 (ATXN3)
203887_s_at	-3.68	7056	Hs.2030	thrombomodulin (THBD)
227013_at	-3.68	26524	Hs.78960	large tumor suppressor kinase 2 (LATS2)
206583_at	-3.68	55634	Hs.632800	KRAB box domain containing 4 (KRBOX4)
227534_at	-3.68	195827	Hs.44640	AhpC/TSA antioxidant enzyme domain containing 1 (AAED1)
212136_at	-3.67	493	Hs.343522	ATPase plasma membrane Ca ²⁺ transporting 4 (ATP2B4)
203156_at	-3.67	11215	Hs.105105	A-kinase anchoring protein 11 (AKAP11)
205571_at	-3.67	51601	Hs.719172	lipoyltransferase 1 (LIPT1)
212792_at	-3.66	23333	Hs.408623	dpy-19 like 1 (DPY19L1)
228785_at	-3.66	23528	Hs.59757; Hs.703449	zinc finger protein 281 (ZNF281)
226135_at	-3.66	54887	Hs.700656	UHRF1 binding protein 1 (UHRF1BP1)
230166_at	-3.66	158405	Hs.656619	KIAA1958 (KIAA1958)
228968_at	-3.66	203523	Hs.28780	zinc finger protein 449 (ZNF449)
225599_s_at	-3.66	286144	Hs.440643	triple QxxK/R motif containing (TRIQQ)
201016_at	-3.65	1964	Hs.522590	eukaryotic translation initiation factor 1A, X-linked (EIF1AX)
218502_s_at	-3.65	7227	Hs.657018	transcriptional repressor GATA binding 1 (TRPS1)
223255_at	-3.65	55632	Hs.509008	G2/M-phase specific E3 ubiquitin protein ligase (G2E3)

208838_at	-3.65	55832	Hs.546407	cullin associated and neddylation dissociated 1 (CAND1)
235196_at	-3.65	79577	Hs.378996	cell division cycle 73 (CDC73)
227418_at	-3.65	84437	Hs.266782	Myb/SANT DNA binding domain containing 4 with coiled-coils (MSANTD4)
222203_s_at	-3.64	100526794	Hs.120319; Hs.744358	NT5C1B-RDH14 readthrough (NT5C1B-RDH14)
209894_at	-3.63	3953	Hs.723178	leptin receptor (LEPR)
224704_at	-3.63	27327	Hs.655057	trinucleotide repeat containing 6A (TNRC6A)
225180_at	-3.63	151613	Hs.43213	tetratricopeptide repeat domain 14 (TTC14)
202731_at	-3.63	100616113	Hs.711490	microRNA 4680 (MIR4680)
219787_s_at	-3.62	1894	Hs.518299	epithelial cell transforming 2 (ECT2)
212920_at	-3.62	5978	Hs.307836	RE1 silencing transcription factor (REST)
212765_at	-3.62	23271	Hs.23585	calmodulin regulated spectrin associated protein family member 2 (CAMSAP2)
220195_at	-3.62	55777	Hs.458312	methyl-CpG binding domain protein 5 (MBD5)
218640_s_at	-3.62	79666	Hs.29724	pleckstrin homology and FYVE domain containing 2 (PLEKHF2)
213549_at	-3.62	118987	Hs.501149	PDZ domain containing 8 (PDZD8)
238974_at	-3.62	205327	Hs.471040	chromosome 2 open reading frame 69 (C2orf69)
201038_s_at	-3.61	8125	Hs.458747	acidic nuclear phosphoprotein 32 family member A (ANP32A)
201133_s_at	-3.61	9867	Hs.483036	ptra ring finger ubiquitin ligase 2 (PJA2)
212896_at	-3.61	23517	Hs.274531	Ski2 like RNA helicase 2 (SKIV2L2)
215884_s_at	-3.61	29978	Hs.179309	ubiquilin 2 (UBQLN2)
226554_at	-3.61	51341	Hs.591384	zinc finger and BTB domain containing 7A (ZBTB7A)
222662_at	-3.61	79660	Hs.458513	protein phosphatase 1 regulatory subunit 3B (PPP1R3B)
219146_at	-3.61	79736	Hs.317340	transcription elongation factor, mitochondrial (TEFM)
235944_at	-3.61	83872	Hs.58877	hemicentin 1 (HMCN1)
202778_s_at	-3.6	7750	Hs.507433	zinc finger MYM-type containing 2 (ZMYM2)
212887_at	-3.6	10484	Hs.272927	Sec23 homolog A, coat complex II component (SEC23A)
213912_at	-3.6	23329	Hs.192492	TBC1 domain family member 30 (TBC1D30)
218323_at	-3.6	55288	Hs.655325	ras homolog family member T1 (RHOT1)
226265_at	-3.6	79832	Hs.369368	glutamine and serine rich 1 (QSER1)
219539_at	-3.6	79833	Hs.143818	gem nuclear organelle associated protein 6 (GEMIN6)
212168_at	-3.59	10137	Hs.700188	RNA binding motif protein 12 (RBM12)
212447_at	-3.59	25948	Hs.372541	kelch repeat and BTB domain containing 2 (KBTBD2)
229885_at	-3.59	51773		remodeling and spacing factor 1 (RSF1)
223168_at	-3.59	58480	Hs.647774	ras homolog family member U (RHOU)
222849_s_at	-3.59	79634	Hs.470679	secernin 3 (SCRN3)
222745_s_at	-3.59	79768	Hs.633566	katanin regulatory subunit B1 like 1 (KATNBL1)
226348_at	-3.59	170384		fucosyltransferase 11 (FUT11)
212418_at	-3.57	1997	Hs.135646	E74 like ETS transcription factor 1 (ELF1)
204547_at	-3.57	10966	Hs.484068	RAB40B, member RAS oncogene family (RAB40B)
217196_s_at	-3.57	23271	Hs.23585	calmodulin regulated spectrin associated protein family member 2 (CAMSAP2)
1554007_at	-3.57		Hs.166348	

223700_at	-3.56	84057	Hs.294088	meiotic nuclear divisions 1 (MND1)
228920_at	-3.56	339324	Hs.18103	zinc finger protein 260 (ZNF260)
227796_at	-3.56	643836	Hs.509227	ZFP62 zinc finger protein (ZFP62)
227069_at	-3.55	1523	Hs.191482	cut like homeobox 1 (CUX1)
210640_s_at	-3.55	2852	Hs.20961	G protein-coupled estrogen receptor 1 (GPER1)
228716_at	-3.55	7068	Hs.187861	thyroid hormone receptor beta (THRB)
226760_at	-3.55	51360	Hs.443490	membrane bound transcription factor peptidase, site 2 (MBTPS2)
225691_at	-3.55	51755	Hs.416108	cyclin dependent kinase 12 (CDK12)
238513_at	-3.55	79056	Hs.471695	proline rich and Gla domain 4 (PRRG4)
227960_s_at	-3.55	81889	Hs.513265	fumarylacetoacetate hydrolase domain containing 1 (FAHD1)
242923_at	-3.55	339500	Hs.30323	zinc finger protein 678 (ZNF678)
238493_at	-3.55	440515	Hs.351906	zinc finger protein 506 (ZNF506)
202260_s_at	-3.54	6812	Hs.288229	syntaxin binding protein 1 (STXBP1)
201424_s_at	-3.54	8451	Hs.339735	cullin 4A (CUL4A)
230263_s_at	-3.54	80005		dedicator of cytokinesis 5 (DOCK5)
225935_at	-3.53	1523	Hs.191482	cut like homeobox 1 (CUX1)
213923_at	-3.53	5912	Hs.98643	RAP2B, member of RAS oncogene family (RAP2B)
203493_s_at	-3.53	9702	Hs.101014	centrosomal protein 57 (CEP57)
229431_at	-3.52	5994	Hs.24422	regulatory factor X associated protein (RFXAP)
222541_at	-3.52	51773		remodeling and spacing factor 1 (RSF1)
221645_s_at	-3.52	55769	Hs.467210; Hs.744177	zinc finger protein 83 (ZNF83)
224844_at	-3.52	57606	Hs.479677	SLAIN motif family member 2 (SLAIN2)
219253_at	-3.52	79134	Hs.376722	transmembrane protein 185B (TMEM185B)
226399_at	-3.52	79982	Hs.577426	DnaJ heat shock protein family (Hsp40) member B14 (DNAJB14)
213469_at	-3.52	80055	Hs.229988	post-GPI attachment to proteins 1 (PGAP1)
203525_s_at	-3.51	324	Hs.158932	APC, WNT signaling pathway regulator (APC)
211671_s_at	-3.51	2908	Hs.122926	nuclear receptor subfamily 3 group C member 1 (NR3C1)
212638_s_at	-3.51	11059	Hs.655189	WW domain containing E3 ubiquitin protein ligase 1 (WWP1)
225217_s_at	-3.51	27154	Hs.520096	bromodomain and PHD finger containing 3 (BRPF3)
222601_at	-3.51	55236	Hs.212774	ubiquitin like modifier activating enzyme 6 (UBA6)
224894_at	-3.5	10413	Hs.503692	Yes associated protein 1 (YAP1)
224569_s_at	-3.5	359948	Hs.350268	interferon regulatory factor 2 binding protein 2 (IRF2BP2)
222028_at	-3.49	7596	Hs.381285	zinc finger protein 45 (ZNF45)
228418_at	-3.49	10640	Hs.743987	exocyst complex component 5 (EXOC5)
223256_at	-3.49	55632	Hs.509008	G2/M-phase specific E3 ubiquitin protein ligase (G2E3)
201581_at	-3.49	56255	Hs.169358	thioredoxin related transmembrane protein 4 (TMX4)
220305_at	-3.49	57506	Hs.570362	mitochondrial antiviral signaling protein (MAVS)
227698_s_at	-3.49	57799	Hs.459630	RAB40C, member RAS oncogene family (RAB40C)
227087_at	-3.48	3631	Hs.469386	inositol polyphosphate-4-phosphatase type I A (INPP4A)
210674_s_at	-3.48	56134	Hs.199343	protocadherin alpha subfamily C, 2 (PCDHAC2)
212715_s_at	-3.48	57553	Hs.528024	microtubule associated monooxygenase, calponin and LIM domain containing 3 (MICAL3)

225347_at	-3.48	127829	Hs.497399	ADP ribosylation factor like GTPase 8A (ARL8A)
226795_at	-3.47	23143	Hs.507971	leucine rich repeats and calponin homology domain containing 1 (LRCH1)
226762_at	-3.47	100616393	Hs.349150	microRNA 4657 (MIR4657)
204844_at	-3.46	2028	Hs.435765	glutamyl aminopeptidase (ENPEP)
212675_s_at	-3.46	23177	Hs.709257	centrosomal protein 68 (CEP68)
208839_s_at	-3.46	55832	Hs.546407	cullin associated and neddylation dissociated 1 (CAND1)
227407_at	-3.46	202018	Hs.479223	transmembrane anterior posterior transformation 1 (TAPT1)
227388_at	-3.46	286319	Hs.26268	tumor suppressor candidate 1 (TUSC1)
201849_at	-3.45	664	Hs.144873	BCL2 interacting protein 3 (BNIP3)
230091_at	-3.45	6733		SRSF protein kinase 2 (SRPK2)
215165_x_at	-3.45	7372	Hs.2057	uridine monophosphate synthetase (UMPS)
211760_s_at	-3.45	8674	Hs.6651	vesicle associated membrane protein 4 (VAMP4)
219858_s_at	-3.45	54842	Hs.418581; Hs.744117	major facilitator superfamily domain containing 6 (MFSD6)
226041_at	-3.45	222236	Hs.324271	N-acyl phosphatidylethanolamine phospholipase D (NAPEPLD)
227004_at	-3.45			
235093_at	-3.44	5194	Hs.161377	peroxisomal biogenesis factor 13 (PEX13)
221561_at	-3.44	6646	Hs.445588	sterol O-acyltransferase 1 (SOAT1)
218196_at	-3.44	28962	Hs.226780; Hs.745455	osteopetrosis associated transmembrane protein 1 (OSTM1)
218507_at	-3.44	29923	Hs.706124	hypoxia inducible lipid droplet associated (HILPDA)
203016_s_at	-3.44	117178	Hs.22587	SSX family member 2 interacting protein (SSX2IP)
226298_at	-3.44	146923	Hs.632255	RUN domain containing 1 (RUNDC1)
227665_at	-3.44		Hs.655589	
217936_at	-3.43	394	Hs.592313	Rho GTPase activating protein 5 (ARHGAP5)
228640_at	-3.43	5099	Hs.479439	protocadherin 7 (PCDH7)
203843_at	-3.43	6197	Hs.445387	ribosomal protein S6 kinase A3 (RPS6KA3)
201996_s_at	-3.43	23013	Hs.744843	spen family transcriptional repressor (SPEN)
219673_at	-3.43	254394	Hs.279008	minichromosome maintenance 9 homologous recombination repair factor (MCM9)
226511_at	-3.42	79269	Hs.118394	DDB1 and CUL4 associated factor 10 (DCAF10)
226965_at	-3.42	201627	Hs.91085	DENN domain containing 6A (DENND6A)
203449_s_at	-3.41	7013	Hs.442707	telomeric repeat binding factor 1 (TERF1)
213793_s_at	-3.41	9456	Hs.591761	homer scaffolding protein 1 (HOMER1)
202946_s_at	-3.41	22903	Hs.709366	BTB domain containing 3 (BTBD3)
218432_at	-3.41	26273	Hs.406787	F-box protein 3 (FBXO3)
218340_s_at	-3.41	55236	Hs.212774	ubiquitin like modifier activating enzyme 6 (UBA6)
218568_at	-3.41	55750	Hs.743318	acylglycerol kinase (AGK)
226447_at	-3.41	55870	Hs.491060	ASH1 like histone lysine methyltransferase (ASH1L)
228452_at	-3.41	79018	Hs.187422	GID complex subunit 4 homolog (GID4)
226443_at	-3.41	116224	Hs.655572	family with sequence similarity 122A (FAM122A)
227492_at	-3.41	100506658	Hs.592605	occludin (OCLN)
228106_at	-3.4	54876	Hs.614787	DDB1 and CUL4 associated factor 16 (DCAF16)

215245_x_at	-3.39	2332	Hs.103183	fragile X mental retardation 1 (FMR1)
225416_at	-3.39	51132	Hs.653288	ring finger protein, LIM domain interacting (RLIM)
225629_s_at	-3.39	57659	Hs.35096	zinc finger and BTB domain containing 4 (ZBTB4)
225188_at	-3.39	65059	Hs.471162	Ras association (RalGDS/AF-6) and pleckstrin homology domains 1 (RAPH1)
1557285_at	-3.38	374	Hs.645475	amphiregulin (AREG)
225039_at	-3.38	6120	Hs.282260	ribulose-5-phosphate-3-epimerase (RPE)
212828_at	-3.38	8871	Hs.434494	synaptojanin 2 (SYNJ2)
212417_at	-3.38	9522	Hs.482587	secretory carrier membrane protein 1 (SCAMP1)
212208_at	-3.38	23389	Hs.603766	mediator complex subunit 13 like (MED13L)
212462_at	-3.38	23522	Hs.35758	lysine acetyltransferase 6B (KAT6B)
204667_at	-3.37	3169	Hs.163484	forkhead box A1 (FOXA1)
1553227_s_at	-3.37	54014	Hs.654740	bromodomain and WD repeat domain containing 1 (BRWD1)
223275_at	-3.37	55170	Hs.26006	protein arginine methyltransferase 6 (PRMT6)
213025_at	-3.37	55623	Hs.700004	THUMP domain containing 1 (THUMP1)
1554067_at	-3.37	144577		chromosome 12 open reading frame 66 (C12orf66)
226756_at	-3.37	168455	Hs.29692; Hs.633903	coiled-coil domain containing 71-like (CCDC71L)
1553269_at	-3.37	255403	Hs.745062	zinc finger protein 718 (ZNF718)
227766_at	-3.36	3981	Hs.166091	DNA ligase 4 (LIG4)
205440_s_at	-3.36	4886	Hs.519057	neuropeptide Y receptor Y1 (NPY1R)
218962_s_at	-3.36	64418	Hs.709689	transmembrane protein 168 (TMEM168)
227836_at	-3.36	84294	Hs.86970	UTP23, small subunit processome component (UTP23)
227764_at	-3.36	130574	Hs.21929	LY6/PLAUR domain containing 6 (LYPD6)
226668_at	-3.36	151525	Hs.20848	WD repeat, sterile alpha motif and U-box domain containing 1 (WDSUB1)
203284_s_at	-3.35	9653	Hs.743280	heparan sulfate 2-O-sulfotransferase 1 (HS2ST1)
222505_at	-3.35	64327	Hs.209989	limb development membrane protein 1 (LMBR1)
222506_at	-3.35	64327	Hs.209989	limb development membrane protein 1 (LMBR1)
202925_s_at	-3.34	5326	Hs.154104	PLAG1 like zinc finger 2 (PLAGL2)
229711_s_at	-3.33	4193	Hs.484551	MDM2 proto-oncogene (MDM2)
228812_at	-3.33	5966		REL proto-oncogene, NF-kB subunit (REL)
222553_x_at	-3.33	55074	Hs.701892	oxidation resistance 1 (OXR1)
205217_at	-3.32	1678	Hs.447877	translocase of inner mitochondrial membrane 8 homolog A (yeast) (TIMM8A)
212397_at	-3.32	5962	Hs.263671	radixin (RDX)
202211_at	-3.32	26286	Hs.685225	ADP ribosylation factor GTPase activating protein 3 (ARFGAP3)
225390_s_at	-3.32	51621	Hs.525752	Kruppel like factor 13 (KLF13)
222883_at	-3.32	65260	Hs.349905	cytochrome c oxidase assembly factor 7 (putative) (COA7)
212297_at	-3.32	79572	Hs.529609	ATPase 13A3 (ATP13A3)
225996_at	-3.32	164832	Hs.21380; Hs.732058	LON peptidase N-terminal domain and ring finger 2 (LONRF2)
225567_at	-3.32	100505573		InaF motif containing 2 (INAFM2)
225635_s_at	-3.32	100506710	Hs.446271	endogenous Bornavirus-like nucleoprotein 3, pseudogene (EBLN3P)

231832_at	-3.32	100528030	Hs.25130	POC1B-GALNT4 readthrough (POC1B-GALNT4)
206385_s_at	-3.31	288	Hs.499725	ankyrin 3 (ANK3)
209666_s_at	-3.31	1147	Hs.198998	conserved helix-loop-helix ubiquitous kinase (CHUK)
221486_at	-3.31	2029	Hs.632456	endosulfine alpha (ENSA)
212726_at	-3.31	5253	Hs.211441	PHD finger protein 2 (PHF2)
205140_at	-3.31	8790	Hs.480085	fucose-1-phosphate guanylyltransferase (FPGT)
202761_s_at	-3.31	23224	Hs.745014	spectrin repeat containing nuclear envelope protein 2 (SYNE2)
225539_at	-3.31	49854	Hs.434947	zinc finger and BTB domain containing 21 (ZBTB21)
218532_s_at	-3.31	54463	Hs.481704	family with sequence similarity 134 member B (FAM134B)
213327_s_at	-3.31	219333	Hs.42400	ubiquitin specific peptidase 12 (USP12)
213510_x_at	-3.31	220594	Hs.234573; Hs.745055	ubiquitin specific peptidase 32 pseudogene 2 (USP32P2)
226203_at	-3.3	4649	Hs.513000	myosin IXA (MYO9A)
201964_at	-3.3	23064	Hs.460317	senataxin (SETX)
218326_s_at	-3.3	55366	Hs.502176	leucine rich repeat containing G protein-coupled receptor 4 (LGR4)
221786_at	-3.3	387263	Hs.591375	chromosome 6 open reading frame 120 (C6orf120)
209987_s_at	-3.29	429	Hs.703025	achaete-scute family bHLH transcription factor 1 (ASCL1)
204067_at	-3.29	6821	Hs.558403	sulfite oxidase (SUOX)
203282_at	-3.28	2632	Hs.436062	1,4-alpha-glucan branching enzyme 1 (GBE1)
204727_at	-3.28	11169	Hs.385998	WD repeat and HMG-box DNA binding protein 1 (WDHD1)
218423_x_at	-3.28	51542	Hs.48499	VPS54, GARP complex subunit (VPS54)
204797_s_at	-3.27	2009	Hs.12451	echinoderm microtubule associated protein like 1 (EML1)
204432_at	-3.27	6666	Hs.43627	SRY-box 12 (SOX12)
202565_s_at	-3.27	6840	Hs.499209	supervillin (SVIL)
216100_s_at	-3.27	26092	Hs.496459	torsin 1A interacting protein 1 (TOR1AIP1)
230416_at	-3.27	118987		PDZ domain containing 8 (PDZD8)
203704_s_at	-3.26	6239	Hs.298248	ras responsive element binding protein 1 (RREB1)
224218_s_at	-3.26	7227	Hs.657018	transcriptional repressor GATA binding 1 (TRPS1)
211754_s_at	-3.26	10478	Hs.474938	solute carrier family 25 member 17 (SLC25A17)
221559_s_at	-3.26	79003	Hs.267194	MIS12, kinetochore complex component (MIS12)
1554572_a_at	-3.26	79723	Hs.554883	suppressor of variegation 3-9 homolog 2 (SUV39H2)
226077_at	-3.26	153830	Hs.349306	ring finger protein 145 (RNF145)
212097_at	-3.25	857	Hs.74034	caveolin 1 (CAV1)
202886_s_at	-3.25	5519	Hs.584790	protein phosphatase 2 scaffold subunit Abeta (PPP2R1B)
210716_s_at	-3.25	6249	Hs.524809	CAP-Gly domain containing linker protein 1 (CLIP1)
213253_at	-3.25	10592	Hs.119023	structural maintenance of chromosomes 2 (SMC2)
223336_s_at	-3.25	22931	Hs.406799	RAB18, member RAS oncogene family (RAB18)
214785_at	-3.25	23230	Hs.459790	vacuolar protein sorting 13 homolog A (VPS13A)
220052_s_at	-3.25	26277	Hs.496191	TERF1 interacting nuclear factor 2 (TINF2)
223391_at	-3.25	81537	Hs.24678	sphingosine-1-phosphate phosphatase 1 (SGPP1)
235241_at	-3.25	153129	Hs.745105	solute carrier family 38 member 9 (SLC38A9)
230738_at	-3.25		Hs.528615	
203275_at	-3.24	3660	Hs.654566	interferon regulatory factor 2 (IRF2)

209348_s_at	-3.24	4094	Hs.134859	MAF bZIP transcription factor (MAF)
219502_at	-3.24	55247	Hs.405467	nei like DNA glycosylase 3 (NEIL3)
205122_at	-3.24	100526694	Hs.598100	MSANTD3-TMEFF1 readthrough (MSANTD3-TMEFF1)
226034_at	-3.23	1846	Hs.417962	dual specificity phosphatase 4 (DUSP4)
225669_at	-3.23	3454	Hs.529400	interferon alpha and beta receptor subunit 1 (IFNAR1)
221770_at	-3.23	6120	Hs.282260	ribulose-5-phosphate-3-epimerase (RPE)
202333_s_at	-3.23	7320	Hs.612096	ubiquitin conjugating enzyme E2 B (UBE2B)
230427_s_at	-3.23	9529	Hs.5443	BCL2 associated athanogene 5 (BAG5)
225084_at	-3.23	10640	Hs.743987	exocyst complex component 5 (EXOC5)
217996_at	-3.23	22822	Hs.602085	pleckstrin homology like domain family A member 1 (PHLDA1)
225750_at	-3.23	30001	Hs.592304	endoplasmic reticulum oxidoreductase 1 alpha (ERO1A)
223350_x_at	-3.23	55327	Hs.91393	lin-7 homolog C, crumbs cell polarity complex component (LIN7C)
232231_at	-3.22	860	Hs.535845	runt related transcription factor 2 (RUNX2)
238030_at	-3.22	10795	Hs.124047	zinc finger protein 268 (ZNF268)
219157_at	-3.22	11275	Hs.388668	kelch like family member 2 (KLHL2)
218396_at	-3.22	54832	Hs.511668	vacuolar protein sorting 13 homolog C (VPS13C)
226998_at	-3.22	80155	Hs.745047	N (alpha)-acetyltransferase 15, NatA auxiliary subunit (NAA15)
226688_at	-3.22	285343	Hs.55131	T-cell activation inhibitor, mitochondrial (TCAIM)
229394_s_at	-3.21	2909	Hs.509447	Rho GTPase activating protein 35 (ARHGAP35)
238711_s_at	-3.21	7707	Hs.592591	zinc finger protein 148 (ZNF148)
212444_at	-3.21	9052	Hs.745132	G protein-coupled receptor class C group 5 member A (GPCR5A)
212265_at	-3.21	9444	Hs.510324	QKI, KH domain containing RNA binding (QKI)
201824_at	-3.21	9604	Hs.483616	ring finger protein 14 (RNF14)
219055_at	-3.21	55133	Hs.14229	S1 RNA binding domain 1 (SRBD1)
203198_at	-3.2	1025	Hs.150423	cyclin dependent kinase 9 (CDK9)
204009_s_at	-3.2	3845	Hs.505033	KRAS proto-oncogene, GTPase (KRAS)
227947_at	-3.2	9749	Hs.102471	phosphatase and actin regulator 2 (PHACTR2)
201962_s_at	-3.2	10193	Hs.524502	ring finger protein 41 (RNF41)
201628_s_at	-3.2	10670	Hs.743260	Ras related GTP binding A (RRAGA)
209422_at	-3.2	51230	Hs.517044	PHD finger protein 20 (PHF20)
226520_at	-3.2	84458	Hs.745068	ligand dependent nuclear receptor corepressor (LCOR)
227304_at	-3.2	140775	Hs.592944	Smith-Magenis syndrome chromosome region, candidate 8 (SMCR8)
213743_at	-3.19	905	Hs.744115	cyclin T2 (CCNT2)
204567_s_at	-3.19	9619	Hs.124649	ATP binding cassette subfamily G member 1 (ABCG1)
213313_at	-3.19	23637	Hs.271341	RAB GTPase activating protein 1 (RABGAP1)
212615_at	-3.19	80205	Hs.59159; Hs.622347	chromodomain helicase DNA binding protein 9 (CHD9)
225904_at	-3.19	126731	Hs.585011	centriole, cilia and spindle associated protein (CCSAP)
229232_at	-3.19	255252	Hs.234681	leucine rich repeat containing 57 (LRRC57)
227167_s_at	-3.19	283349	Hs.643605	Ras association domain family member 3 (RASSF3)
201313_at	-3.18	2026	Hs.511915	enolase 2 (ENO2)
205416_s_at	-3.18	4287	Hs.532632	ataxin 3 (ATXN3)

205282_at	-3.18	7804	Hs.280387	LDL receptor related protein 8 (LRP8)
225885_at	-3.18	8411	Hs.567367	early endosome antigen 1 (EEA1)
204341_at	-3.18	10626	Hs.123534; Hs.745311	tripartite motif containing 16 (TRIM16)
218858_at	-3.18	64798	Hs.112981	DEP domain containing MTOR-interacting protein (DEPTOR)
230069_at	-3.18	94081		sideroflexin 1 (SFXN1)
204552_at	-3.17	3631	Hs.469386	inositol polyphosphate-4-phosphatase type I A (INPP4A)
235253_at	-3.17	5810	Hs.38114	RAD1 checkpoint DNA exonuclease (RAD1)
214583_at	-3.17	6248		regulator of solute carriers 1 (RSC1A1)
201503_at	-3.17	10146	Hs.587054	G3BP stress granule assembly factor 1 (G3BP1)
202956_at	-3.17	10565	Hs.656902	ADP ribosylation factor guanine nucleotide exchange factor 1 (ARFGEF1)
225136_at	-3.17	59339	Hs.369123	pleckstrin homology domain containing A2 (PLEKHA2)
219793_at	-3.17	64089	Hs.492121	sorting nexin 16 (SNX16)
212959_s_at	-3.17	79158	Hs.46850	N-acetylglucosamine-1-phosphate transferase alpha and beta subunits (GNPTAB)
229298_at	-3.17	84078		kelch repeat and BTB domain containing 7 (KBTBD7)
224604_at	-3.17	401152	Hs.173705	chromosome 4 open reading frame 3 (C4orf3)
203274_at	-3.17	474383	Hs.533543	coagulation factor VIII-associated 2 (F8A2)
206038_s_at	-3.16	7182	Hs.555973	nuclear receptor subfamily 2 group C member 2 (NR2C2)
228991_at	-3.16	8621	Hs.233552	cyclin dependent kinase 13 (CDK13)
242996_at	-3.16	9617	Hs.382176	mitochondrial translation release factor 1 (MTRF1)
203620_s_at	-3.16	9873	Hs.744959	FCH and double SH3 domains 2 (FCHSD2)
228805_at	-3.16	375484	Hs.719847	SUMO interacting motifs containing 1 (SIMC1)
224811_at	-3.15	4026	Hs.720220	LIM domain containing preferred translocation partner in lipoma (LPP)
202915_s_at	-3.15	9917	Hs.5737	FAM20B, glycosaminoglycan xylosylkinase (FAM20B)
227256_at	-3.15	57478	Hs.183817	ubiquitin specific peptidase 31 (USP31)
238451_at	-3.15	143098	Hs.499159	membrane palmitoylated protein 7 (MPP7)
57703_at	-3.15	205564	Hs.240770	SUMO1/sentrin specific peptidase 5 (SEN5)
227449_at	-3.14	2043	Hs.371218	EPH receptor A4 (EPHA4)
209064_x_at	-3.14	10605	Hs.482038	poly (A) binding protein interacting protein 1 (PAIP1)
219294_at	-3.14	55166	Hs.88663	centromere protein Q (CENPQ)
226874_at	-3.14	57563	Hs.106601	kelch like family member 8 (KLHL8)
227451_s_at	-3.14	63933	Hs.214043	mitochondrial calcium uniporter regulator 1 (MCUR1)
218791_s_at	-3.14	79768	Hs.633566	katanin regulatory subunit B1 like 1 (KATNBL1)
226739_at	-3.14	254225	Hs.745050	ring finger protein 169 (RNF169)
226016_at	-3.13	961	Hs.446414	CD47 molecule (CD47)
202816_s_at	-3.13	6760	Hs.129261	SS18, nBAF chromatin remodeling complex subunit (SS18)
222604_at	-3.13	9330	Hs.470996	general transcription factor IIIC subunit 3 (GTF3C3)
206364_at	-3.13	9928	Hs.3104	kinesin family member 14 (KIF14)
225768_at	-3.13	9975	Hs.37288	nuclear receptor subfamily 1 group D member 2 (NR1D2)
207956_x_at	-3.13	23047	Hs.744901	PDS5 cohesin associated factor B (PDS5B)
226860_at	-3.13	55266	Hs.644802	transmembrane protein 19 (TMEM19)

238063_at	-3.13	201799	Hs.518900	transmembrane protein 154 (TMEM154)
211575_s_at	-3.12	7337	Hs.598862	ubiquitin protein ligase E3A (UBE3A)
202535_at	-3.12	8772	Hs.86131	Fas associated via death domain (FADD)
204349_at	-3.12	9443	Hs.744244	mediator complex subunit 7 (MED7)
224618_at	-3.12	9991	Hs.269988	polypyrimidine tract binding protein 3 (PTBP3)
226327_at	-3.12	22847	Hs.205392	zinc finger protein 507 (ZNF507)
226251_at	-3.12	55252	Hs.119815	additional sex combs like 2, transcriptional regulator (ASXL2)
227040_at	-3.12	387921	Hs.507783	NHL repeat containing 3 (NHLRC3)
221773_at	-3.11	2004	Hs.46523	ELK3, ETS transcription factor (ELK3)
204061_at	-3.11	5613	Hs.390788	protein kinase, X-linked (PRKX)
218236_s_at	-3.11	23683	Hs.660757	protein kinase D3 (PRKD3)
223261_at	-3.11	51426	Hs.135756	DNA polymerase kappa (POLK)
221749_at	-3.11	253943	Hs.491861	YTH N6-methyladenosine RNA binding protein 3 (YTHDF3)
228600_x_at	-3.11	340277	Hs.592178	family with sequence similarity 221 member A (FAM221A)
215716_s_at	-3.1	490	Hs.506276	ATPase plasma membrane Ca ²⁺ transporting 1 (ATP2B1)
226350_at	-3.1	1122	Hs.654545	CHM like, Rab escort protein 2 (CHML)
201624_at	-3.1	1615	Hs.503787	aspartyl-tRNA synthetase (DARS)
212803_at	-3.1	4665	Hs.159223	NGFI-A binding protein 2 (NAB2)
207358_x_at	-3.1	23499	Hs.472475	microtubule-actin crosslinking factor 1 (MACF1)
226662_at	-3.1	55014	Hs.704031	syntaxin 17 (STX17)
222173_s_at	-3.1	55357	Hs.371016	TBC1 domain family member 2 (TBC1D2)
224200_s_at	-3.1	56852	Hs.375684	RAD18, E3 ubiquitin protein ligase (RAD18)
1558801_at	-3.1	100652772	Hs.613883	NNT antisense RNA 1 (NNT-AS1)
214578_s_at	-3.09	6093	Hs.306307	Rho associated coiled-coil containing protein kinase 1 (ROCK1)
202506_at	-3.09	6744	Hs.196983	sperm specific antigen 2 (SSFA2)
226290_at	-3.09	55814	Hs.258272	B double prime 1, subunit of RNA polymerase III transcription initiation factor IIIB (BDP1)
220123_at	-3.09	80255	Hs.632527	solute carrier family 35 member F5 (SLC35F5)
228992_at	-3.09	80306	Hs.731966	mediator complex subunit 28 (MED28)
224150_s_at	-3.09	80321	Hs.531962	centrosomal protein 70 (CEP70)
1554341_a_at	-3.09	113510	Hs.480101	helicase, POLQ-like (HELQ)
235004_at	-3.09	221662	Hs.519904	RNA binding motif protein 24 (RBM24)
203285_s_at	-3.08	9653	Hs.743280	heparan sulfate 2-O-sulfotransferase 1 (HS2ST1)
203764_at	-3.08	9787	Hs.77695	DLG associated protein 5 (DLGAP5)
224617_at	-3.08	9991	Hs.269988	polypyrimidine tract binding protein 3 (PTBP3)
212799_at	-3.08	10228	Hs.518417	syntaxin 6 (STX6)
1554018_at	-3.08	10457	Hs.190495	glycoprotein nmb (GPNMB)
235625_at	-3.08	27072	Hs.592184	VPS41, HOPS complex subunit (VPS41)
219296_at	-3.08	54503	Hs.188569	zinc finger DHHC-type containing 13 (ZDHHC13)
224802_at	-3.08	54602	Hs.525093	Nedd4 family interacting protein 2 (NDFIP2)
218896_s_at	-3.08	55421	Hs.120963	nuclear cap binding subunit 3 (NCBP3)
212124_at	-3.08	57178	Hs.193118	zinc finger MIZ-type containing 1 (ZMIZ1)
225731_at	-3.08	57182	Hs.480694	ankyrin repeat domain 50 (ANKRD50)

1554588_a_at	-3.08	150737	Hs.447659	tetratricopeptide repeat domain 30B (TTC30B)
208865_at	-3.07	1452	Hs.529862	casein kinase 1 alpha 1 (CSNK1A1)
221510_s_at	-3.07	2744	Hs.116448	glutaminase (GLS)
202286_s_at	-3.07	4070	Hs.23582	tumor-associated calcium signal transducer 2 (TACSTD2)
209822_s_at	-3.07	7436	Hs.370422	very low density lipoprotein receptor (VLDLR)
212795_at	-3.07	23325	Hs.12144	KIAA1033 (KIAA1033)
204342_at	-3.07	29957	Hs.656870	solute carrier family 25 member 24 (SLC25A24)
222449_at	-3.07	56937	Hs.517155	prostate transmembrane protein, androgen induced 1 (PMEPA1)
225545_at	-3.07	101930123	Hs.498892	eukaryotic elongation factor 2 kinase (LOC101930123)
217886_at	-3.06	2060	Hs.83722	epidermal growth factor receptor pathway substrate 15 (EPS15)
203774_at	-3.06	4548	Hs.498187	5-methyltetrahydrofolate-homocysteine methyltransferase (MTR)
205590_at	-3.06	10125	Hs.591127	RAS guanyl releasing protein 1 (RASGRP1)
224591_at	-3.06	50809	Hs.142442	heterochromatin protein 1 binding protein 3 (HP1BP3)
238475_at	-3.06	144245	Hs.259305	ALG10B, alpha-1,2-glucosyltransferase (ALG10B)
239847_at	-3.06		Hs.105791	
201865_x_at	-3.05	2908	Hs.122926	nuclear receptor subfamily 3 group C member 1 (NR3C1)
211285_s_at	-3.05	7337	Hs.598862	ubiquitin protein ligase E3A (UBE3A)
206373_at	-3.05	7545	Hs.647962	Zic family member 1 (ZIC1)
202651_at	-3.05	9926	Hs.744851	lysophosphatidylglycerol acyltransferase 1 (LPGAT1)
217833_at	-3.05	10492	Hs.571177	synaptotagmin binding cytoplasmic RNA interacting protein (SYNCRIP)
218490_s_at	-3.05	55900	Hs.436350	zinc finger protein 302 (ZNF302)
213312_at	-3.05	57150	Hs.70769	small integral membrane protein 8 (SMIM8)
227930_at	-3.05	192670	Hs.744858	argonaute 4, RISC catalytic component (AGO4)
1569107_s_at	-3.05	339559	Hs.434385	ZFP69 zinc finger protein (ZFP69)
228363_at	-3.04	331	Hs.356076	X-linked inhibitor of apoptosis (XIAP)
218221_at	-3.04	405	Hs.632446	aryl hydrocarbon receptor nuclear translocator (ARNT)
204225_at	-3.04	9759	Hs.20516	histone deacetylase 4 (HDAC4)
202375_at	-3.04	9871	Hs.189641	SEC24 homolog D, COPII coat complex component (SEC24D)
215465_at	-3.04	26154	Hs.134585	ATP binding cassette subfamily A member 12 (ABCA12)
223260_s_at	-3.04	51426	Hs.135756	DNA polymerase kappa (POLK)
203763_at	-3.04	51626	Hs.371597	dynein cytoplasmic 2 light intermediate chain 1 (DYNC2LI1)
227413_at	-3.04	134510	Hs.591733	ubiquitin like domain containing CTD phosphatase 1 (UBLCP1)
205222_at	-3.03	1962	Hs.429879	enoyl-CoA hydratase and 3-hydroxyacyl CoA dehydrogenase (EHHADH)
218626_at	-3.03	56478	Hs.517559	eukaryotic translation initiation factor 4E nuclear import factor 1 (EIF4ENIF1)
221522_at	-3.03	84079	Hs.59236	ankyrin repeat domain 27 (ANKRD27)
230421_at	-3.03	345462	Hs.445740	zinc finger protein 879 (ZNF879)
241372_at	-3.03	376940	Hs.190477	zinc finger CCCH-type containing 6 (ZC3H6)
236113_at	-3.03		Hs.436047	
221478_at	-3.02	665	Hs.131226	BCL2 interacting protein 3 like (BNIP3L)
205862_at	-3.02	9687	Hs.467733; Hs.680549	growth regulation by estrogen in breast cancer 1 (GREB1)

208669_s_at	-3.02	23741	Hs.255973	EP300 interacting inhibitor of differentiation 1 (EID1)
223585_x_at	-3.02	25948	Hs.372541	kelch repeat and BTB domain containing 2 (KBTBD2)
206188_at	-3.01	9831		zinc finger protein 623 (ZNF623)
219317_at	-3.01	11201	Hs.438533	DNA polymerase iota (POLI)
218927_s_at	-3.01	55501	Hs.744987	carbohydrate sulfotransferase 12 (CHST12)
218176_at	-3.01	64110	Hs.306123	MAGE family member F1 (MAGEF1)
225774_at	-3.01	89970	Hs.460885	ring finger and SPRY domain containing 1 (RSPRY1)
226038_at	-3.01	91694	Hs.180178	LON peptidase N-terminal domain and ring finger 1 (LONRF1)
229318_at	-3.01	101060691		NUTM2B antisense RNA 1 (NUTM2B-AS1)
208861_s_at	-3	546	Hs.533526	ATRX, chromatin remodeler (ATRX)
211559_s_at	-3	901	Hs.740456	cyclin G2 (CCNG2)
202883_s_at	-3	5519	Hs.584790	protein phosphatase 2 scaffold subunit Abeta (PPP2R1B)
223380_s_at	-3	26524	Hs.78960	large tumor suppressor kinase 2 (LATS2)
217843_s_at	-3	29079	Hs.181112	mediator complex subunit 4 (MED4)
224516_s_at	-3	51523	Hs.744933	CXXC finger protein 5 (CXXC5)
219002_at	-3	79675	Hs.529276	FAST kinase domains 1 (FASTKD1)
221864_at	-3	93129	Hs.745104	ORAI calcium release-activated calcium modulator 3 (ORAI3)
206752_s_at	-2.99	1677	Hs.133089	DNA fragmentation factor subunit beta (DFFB)
200650_s_at	-2.99	3939	Hs.2795	lactate dehydrogenase A (LDHA)
202713_s_at	-2.99	5687	Hs.458487	proteasome subunit alpha 6 (PSMA6)
212870_at	-2.99	6655	Hs.291533	SOS Ras/Rho guanine nucleotide exchange factor 2 (SOS2)
213376_at	-2.99	22890	Hs.605143	zinc finger and BTB domain containing 1 (ZBTB1)
209306_s_at	-2.99	23075	Hs.153026	SWAP switching B-cell complex 70kDa subunit (SWAP70)
238494_at	-2.99	26146	Hs.631898	TRAF3 interacting protein 1 (TRAF3IP1)
202887_s_at	-2.99	54541	Hs.744875	DNA damage inducible transcript 4 (DDIT4)
226505_x_at	-2.99	84669	Hs.132868	ubiquitin specific peptidase 32 (USP32)
239231_at	-2.99	94039	Hs.631642	zinc finger protein 101 (ZNF101)
1559190_s_at	-2.99	112724	Hs.327631; Hs.731615	retinol dehydrogenase 13 (RDH13)
226961_at	-2.99	222171	Hs.91109	proline rich 15 (PRR15)
221550_at	-2.98	1355	Hs.28326	COX15, cytochrome c oxidase assembly homolog (COX15)
201146_at	-2.98	4780	Hs.744006	nuclear factor, erythroid 2 like 2 (NFE2L2)
227396_at	-2.98	5795	Hs.318547	protein tyrosine phosphatase, receptor type J (PTPRJ)
209259_s_at	-2.98	9126	Hs.24485	structural maintenance of chromosomes 3 (SMC3)
225517_at	-2.98	54989	Hs.744990	zinc finger protein 770 (ZNF770)
220198_s_at	-2.98	56648	Hs.164144	eukaryotic translation initiation factor 5A2 (EIF5A2)
228280_at	-2.98	92092	Hs.512833	zinc finger CCCH-type containing, antiviral 1 like (ZC3HAV1L)
226725_at	-2.98	162394		schlafen family member 5 (SLFN5)
235247_at	-2.98			
213291_s_at	-2.97	7337	Hs.598862	ubiquitin protein ligase E3A (UBE3A)
203846_at	-2.97	22954	Hs.591910	tripartite motif containing 32 (TRIM32)
209049_s_at	-2.97	23613	Hs.446240	zinc finger MYND-type containing 8 (ZMYND8)
203278_s_at	-2.97	51317	Hs.502458	PHD finger protein 21A (PHF21A)

227224_at	-2.97	55103	Hs.632485	Ral GEF with PH domain and SH3 binding motif 2 (RALGPS2)
222811_at	-2.97	55783	Hs.72782	cap methyltransferase 2 (CMTR2)
222016_s_at	-2.97	64288	Hs.656413	zinc finger and SCAN domain containing 31 (ZSCAN31)
233085_s_at	-2.97	64859	Hs.591610	nucleic acid binding protein 1 (NABP1)
234995_at	-2.97	152185	Hs.477144	spindle and centriole associated protein 1 (SPICE1)
208954_s_at	-2.96	23185	Hs.159069	La ribonucleoprotein domain family member 4B (LARP4B)
218583_s_at	-2.96	54165	Hs.744153	defective in cullin neddylation 1 domain containing 1 (DCUN1D1)
219003_s_at	-2.96	79694	Hs.743412	mannosidase endo-alpha (MANEA)
213393_at	-2.96	84804		major facilitator superfamily domain containing 9 (MFSD9)
235153_at	-2.96	138065	Hs.729641	ring finger protein 183 (RNF183)
227769_at	-2.95	2850		G protein-coupled receptor 27 (GPR27)
209748_at	-2.95	6683	Hs.468091	spastin (SPAST)
232103_at	-2.95	10380	Hs.406134	3' (2'), 5'-bisphosphate nucleotidase 1 (BPNT1)
203188_at	-2.95	11041	Hs.8526	beta-1,4-glucuronyltransferase 1 (B4GAT1)
208953_at	-2.95	23185	Hs.159069	La ribonucleoprotein domain family member 4B (LARP4B)
209431_s_at	-2.95	23598	Hs.731398	POZ/BTB and AT hook containing zinc finger 1 (PATZ1)
223431_at	-2.95	55330	Hs.7570	biogenesis of lysosomal organelles complex 1 subunit 4 (BLOC1S4)
222741_s_at	-2.95	55776	Hs.58382	SAYSVFN motif domain containing 1 (SAYS1)
226980_at	-2.95	55789	Hs.482233	DEP domain containing 1B (DEPDC1B)
219237_s_at	-2.95	79982	Hs.577426	DnaJ heat shock protein family (Hsp40) member B14 (DNAJB14)
225888_at	-2.95	80018	Hs.530941	N (alpha)-acetyltransferase 25, NatB auxiliary subunit (NAA25)
227021_at	-2.95	221656	Hs.709336	lysine demethylase 1B (KDM1B)
227593_at	-2.95	729614	Hs.119298	uncharacterized LOC729614 (FLJ37453)
203153_at	-2.94	3434	Hs.20315	interferon induced protein with tetratricopeptide repeats 1 (IFIT1)
205794_s_at	-2.94	4857	Hs.31588	NOVA alternative splicing regulator 1 (NOVA1)
201099_at	-2.94	8239	Hs.77578	ubiquitin specific peptidase 9, X-linked (USP9X)
203404_at	-2.94	9823	Hs.48924	armadillo repeat containing, X-linked 2 (ARMCX2)
212997_s_at	-2.94	11011	Hs.445078	tousled like kinase 2 (TLK2)
213745_at	-2.94	26033	Hs.501127	attractin like 1 (ATRNL1)
226145_s_at	-2.94	80144	Hs.369448	Fraser extracellular matrix complex subunit 1 (FRAS1)
229173_at	-2.94	80856	Hs.209561	lunapark, ER junction formation factor (LNPK)
213285_at	-2.94	161291	Hs.146180	transmembrane protein 30B (TMEM30B)
229614_at	-2.94	162967	Hs.369632	zinc finger protein 320 (ZNF320)
238122_at	-2.94	389677	Hs.606916	RNA binding motif protein 12B (RBM12B)
226112_at	-2.93	6443	Hs.438953	sarcoglycan beta (SGCB)
213227_at	-2.93	10424	Hs.507910	progesterone receptor membrane component 2 (PGRMC2)
219816_s_at	-2.93	55147	Hs.4997	RNA binding motif protein 23 (RBM23)
218465_at	-2.93	55161	Hs.31082	transmembrane protein 33 (TMEM33)
233093_s_at	-2.93	57448	Hs.150107	baculoviral IAP repeat containing 6 (BIRC6)
1553132_a_at	-2.93	123036	Hs.510262	tandem C2 domains, nuclear (TC2N)
228341_at	-2.93	131870	Hs.282050	nudix hydrolase 16 (NUDT16)
229521_at	-2.93	168455	Hs.29692	coiled-coil domain containing 71-like (CCDC71L)
225859_at	-2.92	331	Hs.356076	X-linked inhibitor of apoptosis (XIAP)

203973_s_at	-2.92	1052	Hs.440829	CCAAT/enhancer binding protein delta (CEBPD)
222494_at	-2.92	1112	Hs.434286	forkhead box N3 (FOXN3)
206205_at	-2.92	10198	Hs.577404	M-phase phosphoprotein 9 (MPHOSPH9)
1555279_at	-2.92	25852	Hs.744868	armadillo repeat containing 8 (ARMC8)
224759_s_at	-2.92	90488	Hs.257664	transmembrane protein 263 (TMEM263)
225391_at	-2.92	93622	Hs.6815	Morf4 family associated protein 1 like 1 pseudogene (LOC93622)
238337_s_at	-2.92	134218	Hs.131887	DnaJ heat shock protein family (Hsp40) member C21 (DNAJC21)
226040_at	-2.92		Hs.593351	
200799_at	-2.91	3303	Hs.274402; Hs.743411	heat shock protein family A (Hsp70) member 1A (HSPA1A)
239843_at	-2.91	6016	Hs.491234	Ras like without CAAX 1 (RIT1)
225477_s_at	-2.91	7182	Hs.555973	nuclear receptor subfamily 2 group C member 2 (NR2C2)
236128_at	-2.91	7644	Hs.654471	zinc finger protein 91 (ZNF91)
201664_at	-2.91	10051	Hs.58992	structural maintenance of chromosomes 4 (SMC4)
243495_s_at	-2.91	22834	Hs.712948	zinc finger protein 652 (ZNF652)
221752_at	-2.91	54434	Hs.199763	slingshot protein phosphatase 1 (SSH1)
225318_at	-2.91	54904	Hs.655314	Wolf-Hirschhorn syndrome candidate 1-like 1 (WHSC1L1)
223238_s_at	-2.91	55193	Hs.189920	polybromo 1 (PBRM1)
225048_at	-2.91	55274	Hs.435933	PHD finger protein 10 (PHF10)
222580_at	-2.91	84146	Hs.173001; Hs.745048	zinc finger protein 644 (ZNF644)
224692_at	-2.91	84919	Hs.304376	protein phosphatase 1 regulatory subunit 15B (PPP1R15B)
231895_at	-2.91	163786	Hs.591447	SAS-6 centriolar assembly protein (SASS6)
243463_s_at	-2.9	6016	Hs.491234	Ras like without CAAX 1 (RIT1)
213168_at	-2.9	6670	Hs.531587	Sp3 transcription factor (SP3)
210829_s_at	-2.9	23635	Hs.102735	single stranded DNA binding protein 2 (SSBP2)
228624_at	-2.9	55314	Hs.176227	transmembrane protein 144 (TMEM144)
235545_at	-2.9	55635	Hs.445098	DEP domain containing 1 (DEPDC1)
203869_at	-2.9	64854	Hs.7966	ubiquitin specific peptidase 46 (USP46)
222805_at	-2.9	79694	Hs.743412	mannosidase endo-alpha (MANEA)
1558943_x_at	-2.9	91661	Hs.685640	zinc finger protein 765 (ZNF765)
227329_at	-2.9	140685	Hs.585028	zinc finger and BTB domain containing 46 (ZBTB46)
228729_at	-2.89	891	Hs.23960	cyclin B1 (CCNB1)
225159_s_at	-2.89	2005	Hs.497520	ELK4, ETS transcription factor (ELK4)
228588_s_at	-2.89	7320	Hs.730071	ubiquitin conjugating enzyme E2 B (UBE2B)
210512_s_at	-2.89	7422	Hs.73793	vascular endothelial growth factor A (VEGFA)
204160_s_at	-2.89	22875	Hs.643497	ectonucleotide pyrophosphatase/phosphodiesterase 4 (putative) (ENPP4)
213913_s_at	-2.89	23329	Hs.192492	TBC1 domain family member 30 (TBC1D30)
225994_at	-2.89	53981	Hs.657632	cleavage and polyadenylation specific factor 2 (CPSF2)
225710_at	-2.89	59345	Hs.173030	G protein subunit beta 4 (GNB4)
224579_at	-2.89	81539	Hs.533770	solute carrier family 38 member 1 (SLC38A1)
1557966_x_at	-2.89	130916	Hs.159556	mitochondrial transcription termination factor 4 (MTERF4)

228855_at	-2.89	283927	Hs.282665	nudix hydrolase 7 (NUDT7)
201848_s_at	-2.88	664	Hs.144873	BCL2 interacting protein 3 (BNIP3)
218009_s_at	-2.88	9055	Hs.366401	protein regulator of cytokinesis 1 (PRC1)
203355_s_at	-2.88	23362	Hs.434255	pleckstrin and Sec7 domain containing 3 (PSD3)
225232_at	-2.88	54545	Hs.481836	myotubularin related protein 12 (MTMR12)
219467_at	-2.88	54826	Hs.24088	gypsy retrotransposon integrase 1 (GIN1)
46665_at	-2.88	54910	Hs.516220	semaphorin 4C (SEMA4C)
228397_at	-2.88	55000	Hs.554829	taurine up-regulated 1 (non-protein coding) (TUG1)
226124_at	-2.88	146198	Hs.461074	ZFP90 zinc finger protein (ZFP90)
226748_at	-2.88	256586	Hs.603629	LysM domain containing 2 (LYSMD2)
226089_at	-2.88	285282	Hs.444360	RAB, member of RAS oncogene family like 3 (RABL3)
1558028_x_at	-2.88	647979	Hs.743232	non-coding RNA activated by DNA damage (NORAD)
214658_at	-2.88	100302736	Hs.718838	TMED7-TICAM2 readthrough (TMED7-TICAM2)
228544_s_at	-2.88	100303755	Hs.488051; Hs.728790	PET117 homolog (PET117)
225256_at	-2.88			
227314_at	-2.87	3673	Hs.482077	integrin subunit alpha 2 (ITGA2)
202853_s_at	-2.87	6259	Hs.654562	receptor-like tyrosine kinase (RYK)
202610_s_at	-2.87	9282	Hs.407604	mediator complex subunit 14 (MED14)
206546_at	-2.87	10388	Hs.202676	synaptonemal complex protein 2 (SYCP2)
207483_s_at	-2.87	55832	Hs.546407	cullin associated and neddylation dissociated 1 (CAND1)
222209_s_at	-2.87	65084	Hs.188591	transmembrane protein 135 (TMEM135)
223220_s_at	-2.87	83666	Hs.518200	poly (ADP-ribose) polymerase family member 9 (PARP9)
237268_at	-2.86	1826	Hs.397800	DS cell adhesion molecule (DSCAM)
201436_at	-2.86	1977	Hs.249718	eukaryotic translation initiation factor 4E (EIF4E)
206414_s_at	-2.86	8853	Hs.555902	ArfGAP with SH3 domain, ankyrin repeat and PH domain 2 (ASAP2)
202916_s_at	-2.86	9917	Hs.5737	FAM20B, glycosaminoglycan xylosylkinase (FAM20B)
203635_at	-2.86	10311	Hs.369488	DSCR3 arrestin fold containing (DSCR3)
226115_at	-2.86	25909	Hs.300887	AT-hook containing transcription factor 1 (AHCTF1)
202265_at	-2.86	100532731	Hs.380403	COMMD3-BMI1 readthrough (COMMD3-BMI1)
217604_at	-2.86		Hs.635110	
201660_at	-2.85	2181		acyl-CoA synthetase long-chain family member 3 (ACSL3)
202741_at	-2.85	5567	Hs.487325	protein kinase cAMP-activated catalytic subunit beta (PRKACB)
244743_x_at	-2.85	7697	Hs.184080	zinc finger protein 138 (ZNF138)
203840_at	-2.85	8548	Hs.130746	basic leucine zipper nuclear factor 1 (BLZF1)
201936_s_at	-2.85	8672	Hs.467084	eukaryotic translation initiation factor 4 gamma 3 (EIF4G3)
211698_at	-2.85	23741	Hs.255973; Hs.714048	EP300 interacting inhibitor of differentiation 1 (EID1)
219494_at	-2.85	25788	Hs.744229	RAD54 homolog B (S. cerevisiae) (RAD54B)
219570_at	-2.85	55614	Hs.101774	kinesin family member 16B (KIF16B)
224764_at	-2.85	57584	Hs.524195	Rho GTPase activating protein 21 (ARHGAP21)
218229_s_at	-2.85	57645	Hs.432752	pogo transposable element with KRAB domain (POGK)

213018_at	-2.85	57798	Hs.21145	GATA zinc finger domain containing 1 (GATAD1)
220949_s_at	-2.85	78996	Hs.744954	chromosome 7 open reading frame 49 (C7orf49)
218674_at	-2.85	80006	Hs.591760	trafficking protein particle complex 13 (TRAPPC13)
212779_at	-2.85	84162	Hs.408142	KIAA1109 (KIAA1109)
207719_x_at	-2.85	645455	Hs.533635	centrosomal protein 170 pseudogene 1 (CEP170P1)
232130_at	-2.85		Hs.613057	
201437_s_at	-2.84	1977	Hs.249718	eukaryotic translation initiation factor 4E (EIF4E)
202454_s_at	-2.84	2065	Hs.118681	erb-b2 receptor tyrosine kinase 3 (ERBB3)
228188_at	-2.84	2355		FOS like 2, AP-1 transcription factor subunit (FOSL2)
228225_at	-2.84	5828	Hs.437966	peroxisomal biogenesis factor 2 (PEX2)
212780_at	-2.84	6654	Hs.709893	SOS Ras/Rac guanine nucleotide exchange factor 1 (SOS1)
221920_s_at	-2.84	51312	Hs.726050	solute carrier family 25 member 37 (SLC25A37)
226628_at	-2.84	57187	Hs.149991	THO complex 2 (THOC2)
1569003_at	-2.84	81671		vacuole membrane protein 1 (VMP1)
221586_s_at	-2.83	1875	Hs.445758	E2F transcription factor 5 (E2F5)
203646_at	-2.83	2230	Hs.744	ferredoxin 1 (FDX1)
207590_s_at	-2.83	2491	Hs.348920	centromere protein I (CENPI)
203276_at	-2.83	4001	Hs.89497	lamin B1 (LMNB1)
226255_at	-2.83	10009	Hs.143604	zinc finger and BTB domain containing 33 (ZBTB33)
213836_s_at	-2.83	55062	Hs.463964	WD repeat domain, phosphoinositide interacting 1 (WIPI1)
233252_s_at	-2.83	55342	Hs.694157	spermatid perinuclear RNA binding protein (STRBP)
225769_at	-2.83	57511	Hs.507805	component of oligomeric golgi complex 6 (COG6)
226581_at	-2.83	64145	Hs.475565	rabenosyn, RAB effector (RBSN)
1558014_s_at	-2.83	84188	Hs.501991	fatty acyl-CoA reductase 1 (FAR1)
212460_at	-2.83	171546	Hs.740577	serine palmitoyltransferase small subunit A (SPTSSA)
212458_at	-2.83	200734	Hs.59332	sprouty related EVH1 domain containing 2 (SPRED2)
209421_at	-2.82	4436	Hs.597656	mutS homolog 2 (MSH2)
226335_at	-2.82	6197	Hs.445387	ribosomal protein S6 kinase A3 (RPS6KA3)
224760_at	-2.82	6667	Hs.649191	Sp1 transcription factor (SP1)
229790_at	-2.82	7014		telomeric repeat binding factor 2 (TERF2)
209012_at	-2.82	7204	Hs.130031	trio Rho guanine nucleotide exchange factor (TRIO)
212262_at	-2.82	9444	Hs.510324	QKI, KH domain containing RNA binding (QKI)
236133_x_at	-2.82	9534	Hs.729302	zinc finger protein 254 (ZNF254)
212606_at	-2.82	23001	Hs.480116	WD repeat and FYVE domain containing 3 (WDFY3)
209567_at	-2.82	23212	Hs.71827	ribosome biogenesis regulator homolog (RRS1)
212880_at	-2.82	23335	Hs.465213	WD repeat domain 7 (WDR7)
221922_at	-2.82	29899	Hs.584901	G-protein signaling modulator 2 (GPSM2)
225792_at	-2.82	51361	Hs.378836	hook microtubule tethering protein 1 (HOOK1)
238550_at	-2.82	55680	Hs.653144	RUN and FYVE domain containing 2 (RUFY2)
213526_s_at	-2.82	55957	Hs.529100	lin-37 DREAM MuvB core complex component (LIN37)
228454_at	-2.82	84458	Hs.745068	ligand dependent nuclear receptor corepressor (LCOR)
235025_at	-2.82	112840	Hs.655666; Hs.741323	WD repeat domain 89 (WDR89)

234979_at	-2.82	144233	Hs.142736	BCDIN3 domain containing RNA methyltransferase (BCDIN3D)
235132_at	-2.82	254128	Hs.712685	NIFK antisense RNA 1 (NIFK-AS1)
212623_at	-2.82	440026	Hs.594563	transmembrane protein 41B (TMEM41B)
214743_at	-2.81	1523	Hs.191482	cut like homeobox 1 (CUX1)
227979_at	-2.81	5936	Hs.523822	RNA binding motif protein 4 (RBM4)
212416_at	-2.81	9522	Hs.482587	secretory carrier membrane protein 1 (SCAMP1)
203208_s_at	-2.81	9650	Hs.584788	mitochondrial fission regulator 1 (MTFR1)
226268_at	-2.81	23011	Hs.524590	RAB21, member RAS oncogene family (RAB21)
239710_at	-2.81	55137		fidgetin, microtubule severing factor (FIGN)
227133_at	-2.81	139231	Hs.496535	family with sequence similarity 199, X-linked (FAM199X)
220038_at	-2.81	100533105	Hs.613417	C8orf44-SGK3 readthrough (C8orf44-SGK3)
227029_at	-2.81	101927178	Hs.446357; Hs.745141	uncharacterized LOC101927178 (LOC101927178)
205981_s_at	-2.8	3622	Hs.107153	inhibitor of growth family member 2 (ING2)
203087_s_at	-2.8	3796	Hs.558351	kinesin family member 2A (KIF2A)
202817_s_at	-2.8	6760	Hs.129261	SS18, nBAF chromatin remodeling complex subunit (SS18)
205442_at	-2.8	9848	Hs.593942	microfibrillar associated protein 3 like (MFAP3L)
213102_at	-2.8	10096	Hs.433512	ARP3 actin related protein 3 homolog (ACTR3)
203775_at	-2.8	10165	Hs.489190	solute carrier family 25 member 13 (SLC25A13)
217724_at	-2.8	26135	Hs.530412	SERPINE1 mRNA binding protein 1 (SERBP1)
215038_s_at	-2.8	29072	Hs.517941	SET domain containing 2 (SETD2)
226633_at	-2.8	51762	Hs.389733	RAB8B, member RAS oncogene family (RAB8B)
225580_at	-2.8	54534	Hs.288224	mitochondrial ribosomal protein L50 (MRPL50)
219067_s_at	-2.8	54780	Hs.258798	NSE4 homolog A, SMC5-SMC6 complex component (NSMCE4A)
223417_at	-2.8	56852	Hs.375684	RAD18, E3 ubiquitin protein ligase (RAD18)
227230_s_at	-2.8	57482	Hs.596667	KIAA1211 (KIAA1211)
219474_at	-2.8	79669	Hs.434247	chromosome 3 open reading frame 52 (C3orf52)
226007_at	-2.8	122961	Hs.291079	iron-sulfur cluster assembly 2 (ISCA2)
91816_f_at	-2.8	399664	Hs.436495	mex-3 RNA binding family member D (MEX3D)
234997_x_at	-2.8		Hs.498418	
210069_at	-2.79	1375	Hs.439777	carnitine palmitoyltransferase 1B (CPT1B)
224891_at	-2.79	2309	Hs.220950; Hs.592126	forkhead box O3 (FOXO3)
214804_at	-2.79	2491		centromere protein I (CENPI)
212429_s_at	-2.79	2976	Hs.75782	general transcription factor IIIC subunit 2 (GTF3C2)
202804_at	-2.79	4363	Hs.391464	ATP binding cassette subfamily C member 1 (ABCC1)
218171_at	-2.79	9525	Hs.126550	vacuolar protein sorting 4 homolog B (VPS4B)
212355_at	-2.79	23351	Hs.713590	KH and NYN domain containing (KHNYN)
233255_s_at	-2.79	54841	Hs.288809	basic, immunoglobulin-like variable motif containing (BIVM)
239538_at	-2.79	84083	Hs.658422	zinc finger RANBP2-type containing 3 (ZRANB3)
1552684_a_at	-2.79	123228	Hs.513002	SUMO/sentrin peptidase family member, NEDD8 specific (SENP8)
201567_s_at	-2.78	2803	Hs.344151	golgin A4 (GOLGA4)
203439_s_at	-2.78	8614	Hs.233160	stanniocalcin 2 (STC2)

212368_at	-2.78	23036	Hs.485892	zinc finger protein 292 (ZNF292)
209048_s_at	-2.78	23613	Hs.446240	zinc finger MYND-type containing 8 (ZMYND8)
214700_x_at	-2.78	55183	Hs.655671	replication timing regulatory factor 1 (RIF1)
224635_s_at	-2.78	57448	Hs.150107	baculoviral IAP repeat containing 6 (BIRC6)
225548_at	-2.78	57619	Hs.702168	shroom family member 3 (SHROOM3)
227210_at	-2.78	57713	Hs.407983	Scm-like with four mbt domains 2 (SFMBT2)
221751_at	-2.78	79646	Hs.388400	pantothenate kinase 3 (PANK3)
219208_at	-2.78	80204	Hs.352677	F-box protein 11 (FBXO11)
242247_at	-2.78	196074	Hs.243326	methyltransferase like 15 (METTL15)
230051_at	-2.78	254427	Hs.435775	proline and serine rich 2 (PROSER2)
235027_at	-2.78	728927	Hs.734771	zinc finger protein 736 (ZNF736)
201218_at	-2.77	1488	Hs.501345	C-terminal binding protein 2 (CTBP2)
203302_at	-2.77	1633	Hs.709	deoxycytidine kinase (DCK)
203510_at	-2.77	4233	Hs.132966	MET proto-oncogene, receptor tyrosine kinase (MET)
214221_at	-2.77	7840	Hs.184720	ALMS1, centrosome and basal body associated protein (ALMS1)
218806_s_at	-2.77	10451	Hs.267659	vav guanine nucleotide exchange factor 3 (VAV3)
213361_at	-2.77	23424	Hs.193842	tudor domain containing 7 (TDRD7)
203414_at	-2.77	23531	Hs.463483	monocyte to macrophage differentiation associated (MMD)
225827_at	-2.77	27161	Hs.743313	argonaute 2, RISC catalytic component (AGO2)
219299_at	-2.77	55039	Hs.9925	tRNA methyltransferase 12 homolog (TRMT12)
222848_at	-2.77	64105	Hs.529778	centromere protein K (CENPK)
225031_at	-2.77	84181	Hs.740645	chromodomain helicase DNA binding protein 6 (CHD6)
225962_at	-2.77	84937	Hs.427284	zinc and ring finger 1 (ZNR1)
218304_s_at	-2.77	114885	Hs.477440	oxysterol binding protein like 11 (OSBPL11)
239083_at	-2.77	136051	Hs.729572	zinc finger protein 786 (ZNF786)
225414_at	-2.77	284996	Hs.142074	ring finger protein 149 (RNF149)
205355_at	-2.76	36	Hs.81934	acyl-CoA dehydrogenase, short/branched chain (ACADSB)
201963_at	-2.76	2180	Hs.406678	acyl-CoA synthetase long-chain family member 1 (ACSL1)
219683_at	-2.76	7976	Hs.40735	frizzled class receptor 3 (FZD3)
202417_at	-2.76	9817	Hs.465870	kelch like ECH associated protein 1 (KEAP1)
201986_at	-2.76	9969	Hs.282678	mediator complex subunit 13 (MED13)
202633_at	-2.76	11073	Hs.593379	topoisomerase (DNA) II binding protein 1 (TOPBP1)
212982_at	-2.76	23390	Hs.4014	zinc finger DHHC-type containing 17 (ZDHHC17)
213172_at	-2.76	23508	Hs.79170	tetratricopeptide repeat domain 9 (TTC9)
218685_s_at	-2.76	23583	Hs.632721; Hs.731659	single-strand-selective monofunctional uracil-DNA glycosylase 1 (SMUG1)
235408_x_at	-2.76	51351	Hs.250693	zinc finger protein 117 (ZNF117)
219292_at	-2.76	55145	Hs.7432	THAP domain containing 1 (THAP1)
219622_at	-2.76	55647	Hs.743563	RAB20, member RAS oncogene family (RAB20)
218288_s_at	-2.76	60492	Hs.368866	coiled-coil domain containing 90B (CCDC90B)
225673_at	-2.76	91663	Hs.380906	myeloid associated differentiation marker (MYADM)
228937_at	-2.76	144811	Hs.210586	laccase domain containing 1 (LACC1)
227868_at	-2.76	154761	Hs.716689	family with sequence similarity 115, member C pseudogene

				(LOC154761)
242727_at	-2.76	221079	Hs.25362	ADP ribosylation factor like GTPase 5B (ARL5B)
226261_at	-2.76	223082	Hs.263912	zinc and ring finger 2 (ZNRF2)
224723_x_at	-2.76	401397	Hs.117929	long intergenic non-protein coding RNA 998 (LINC00998)
202730_s_at	-2.76	100616113	Hs.711490	microRNA 4680 (MIR4680)
201627_s_at	-2.75	3638	Hs.520819	insulin induced gene 1 (INSIG1)
218212_s_at	-2.75	4338	Hs.163645	molybdenum cofactor synthesis 2 (MOCS2)
202006_at	-2.75	5782	Hs.61812	protein tyrosine phosphatase, non-receptor type 12 (PTPN12)
204791_at	-2.75	7181	Hs.108301	nuclear receptor subfamily 2 group C member 1 (NR2C1)
201370_s_at	-2.75	8452	Hs.372286	cullin 3 (CUL3)
203049_s_at	-2.75	9652	Hs.482868	tetratricopeptide repeat domain 37 (TTC37)
209649_at	-2.75	10254	Hs.17200	signal transducing adaptor molecule 2 (STAM2)
217921_at	-2.75	10905	Hs.435938	mannosidase alpha class 1A member 2 (MAN1A2)
208882_s_at	-2.75	51366	Hs.492445	ubiquitin protein ligase E3 component n-recognin 5 (UBR5)
219031_s_at	-2.75	51388	Hs.585728	NIP7, nucleolar pre-rRNA processing protein (NIP7)
235918_x_at	-2.75	79598	Hs.444135	centrosomal protein 97 (CEP97)
225178_at	-2.75	151613	Hs.43213	tetratricopeptide repeat domain 14 (TTC14)
225880_at	-2.75	163590	Hs.571797	torsin 1A interacting protein 2 (TOR1AIP2)
225600_at	-2.75	286144	Hs.440643	triple QxxK/R motif containing (TRIQQ)
209362_at	-2.75	101928625	Hs.286145	uncharacterized LOC101928625 (LOC101928625)
209033_s_at	-2.74	1859	Hs.368240	dual specificity tyrosine phosphorylation regulated kinase 1A (DYRK1A)
226066_at	-2.74	4286	Hs.166017	melanogenesis associated transcription factor (MITF)
204423_at	-2.74	4289	Hs.44693	muskelin 1 (MKLN1)
209633_at	-2.74	5523	Hs.518155	protein phosphatase 2 regulatory subunit B"alpha (PPP2R3A)
212511_at	-2.74	8301	Hs.163893	phosphatidylinositol binding clathrin assembly protein (PICALM)
201987_at	-2.74	9969	Hs.282678	mediator complex subunit 13 (MED13)
1555193_a_at	-2.74	11179	Hs.655904	zinc finger protein 277 (ZNF277)
209284_s_at	-2.74	23272	Hs.116877	family with sequence similarity 208 member A (FAM208A)
216221_s_at	-2.74	23369	Hs.467824	pumilio RNA binding family member 2 (PUM2)
227268_at	-2.74	51136	Hs.531701	ring finger protein, transmembrane 1 (RNFT1)
222872_x_at	-2.74	64859	Hs.591610	nucleic acid binding protein 1 (NABP1)
225623_at	-2.74	85457	Hs.709066	CLOCK interacting pacemaker (CIPC)
226267_at	-2.74	122953	Hs.196482	Jun dimerization protein 2 (JDP2)
235088_at	-2.74	201725	Hs.380920; Hs.735449	chromosome 4 open reading frame 46 (C4orf46)
242366_at	-2.74		Hs.654953	
204347_at	-2.73	205	Hs.10862	adenylate kinase 4 (AK4)
213149_at	-2.73	1737	Hs.335551	dihydrolipoamide S-acetyltransferase (DLAT)
204005_s_at	-2.73	5074	Hs.643130	pro-apoptotic WT1 regulator (PAWR)
239903_at	-2.73	7162	Hs.71947	trophoblast glycoprotein (TPBG)
218917_s_at	-2.73	8289	Hs.468972	AT-rich interaction domain 1A (ARID1A)
212298_at	-2.73	8829	Hs.131704	neuropilin 1 (NRP1)

226277_at	-2.73	10087	Hs.270437	collagen type IV alpha 3 binding protein (COL4A3BP)
204240_s_at	-2.73	10592	Hs.119023	structural maintenance of chromosomes 2 (SMC2)
209022_at	-2.73	10735	Hs.496710	stromal antigen 2 (STAG2)
235048_at	-2.73	26049	Hs.91662	family with sequence similarity 169 member A (FAM169A)
220890_s_at	-2.73	51202	Hs.719938	DEAD-box helicase 47 (DDX47)
236026_at	-2.73	55105	Hs.420757	G-patch domain containing 2 (GPATCH2)
218184_at	-2.73	56995	Hs.486993	tubby like protein 4 (TULP4)
226254_s_at	-2.73	57587	Hs.535734	cilia and flagella associated protein 97 (CFAP97)
227373_at	-2.73	342371	Hs.743239	ataxin 1 like (ATXN1L)
226631_at	-2.73	399818	Hs.741365	methyltransferase like 10 (METTL10)
213237_at	-2.73	400506	Hs.585209	lysine rich nucleolar protein 1 (KNOP1)
224597_at	-2.73	647979	Hs.743232	non-coding RNA activated by DNA damage (NORAD)
227576_at	-2.73		Hs.276976	
201181_at	-2.72	2773	Hs.73799	G protein subunit alpha i3 (GNAI3)
208877_at	-2.72	5062	Hs.518530	p21 (RAC1) activated kinase 2 (PAK2)
202936_s_at	-2.72	6662	Hs.647409	SRY-box 9 (SOX9)
211763_s_at	-2.72	7320	Hs.612096	ubiquitin conjugating enzyme E2 B (UBE2B)
226651_at	-2.72	9456		homer scaffolding protein 1 (HOMER1)
204161_s_at	-2.72	22875	Hs.643497	ectonucleotide pyrophosphatase/phosphodiesterase 4 (putative) (ENPP4)
1555281_x_at	-2.72	25852	Hs.744868	armadillo repeat containing 8 (ARMC8)
218404_at	-2.72	29887	Hs.741316	sorting nexin 10 (SNX10)
218425_at	-2.72	54476	Hs.487458	ring finger protein 216 (RNF216)
222661_at	-2.72	55109	Hs.634849	angiogenic factor with G-patch and FHA domains 1 (AGGF1)
203738_at	-2.72	55322	Hs.519246	chromosome 5 open reading frame 22 (C5orf22)
217743_s_at	-2.72	55754	Hs.108530	transmembrane protein 30A (TMEM30A)
232272_at	-2.72	57547	Hs.128078	zinc finger protein 624 (ZNF624)
227489_at	-2.72	64750		SMAD specific E3 ubiquitin protein ligase 2 (SMURF2)
221020_s_at	-2.72	81034	Hs.607819	solute carrier family 25 member 32 (SLC25A32)
225752_at	-2.72	123606	Hs.511797	non imprinted in Prader-Willi/Angelman syndrome 1 (NIPA1)
226134_s_at	-2.72	124540		musashi RNA binding protein 2 (MSI2)
228466_at	-2.72	126626	Hs.15671	GA binding protein transcription factor beta subunit 2 (GABPB2)
209882_at	-2.71	6016	Hs.491234	Ras like without CAAX 1 (RIT1)
202334_s_at	-2.71	7320	Hs.612096	ubiquitin conjugating enzyme E2 B (UBE2B)
202664_at	-2.71	7456	Hs.128067	WAS/WASL interacting protein family member 1 (WIPF1)
203556_at	-2.71	22882	Hs.377090	zinc fingers and homeoboxes 2 (ZHX2)
226215_s_at	-2.71	84678	Hs.524800	lysine demethylase 2B (KDM2B)
226483_at	-2.71	137695	Hs.420076	transmembrane protein 68 (TMEM68)
200606_at	-2.7	1832	Hs.519873	desmoplakin (DSP)
227027_at	-2.7	2673	Hs.580300	glutamine--fructose-6-phosphate transaminase 1 (GFPT1)
242943_at	-2.7	7903	Hs.308628	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4 (ST8SIA4)
226151_x_at	-2.7	9946	Hs.352671	crystallin zeta like 1 (CRYZL1)

201773_at	-2.7	23394	Hs.570355	activity dependent neuroprotector homeobox (ADNP)
221523_s_at	-2.7	58528	Hs.31712	Ras related GTP binding D (RRAGD)
218133_s_at	-2.7	60491	Hs.145284	NGG1 interacting factor 3 like 1 (NIF3L1)
218228_s_at	-2.7	80351	Hs.329327	tankyrase 2 (TNKS2)
226026_at	-2.7	84925	Hs.477346	disrupted in renal carcinoma 2 (DIRC2)
213282_at	-2.7	139322	Hs.512181	apolipoprotein O like (APOOL)
230466_s_at	-2.7	283349	Hs.643605	Ras association domain family member 3 (RASSF3)
204352_at	-2.69	7188	Hs.523930	TNF receptor associated factor 5 (TRAF5)
201737_s_at	-2.69	10299	Hs.432862	membrane associated ring-CH-type finger 6 (MARCH6)
201889_at	-2.69	10447	Hs.434053	family with sequence similarity 3 member C (FAM3C)
226892_at	-2.69	26148	Hs.14555	chromosome 10 open reading frame 12 (C10orf12)
204405_x_at	-2.69	27292	Hs.731665	DIM1 dimethyladenosine transferase 1 homolog (DIMIT1)
234192_s_at	-2.69	80318	Hs.522255	G kinase anchoring protein 1 (GKAP1)
223511_at	-2.69	83932	Hs.554892	SprT-like N-terminal domain (SPRTN)
218330_s_at	-2.69	89797	Hs.502116	neuron navigator 2 (NAV2)
224739_at	-2.69	415116	Hs.530381	Pim-3 proto-oncogene, serine/threonine kinase (PIM3)
227628_at	-2.69	493869	Hs.289044	glutathione peroxidase 8 (putative) (GPX8)
230229_at	-2.68	1739	Hs.292549	discs large MAGUK scaffold protein 1 (DLG1)
53202_at	-2.68	5683	Hs.698120	proteasome subunit alpha 2 (PSMA2)
222547_at	-2.68	9448	Hs.701013	mitogen-activated protein kinase kinase kinase 4 (MAP4K4)
201454_s_at	-2.68	9520	Hs.443837	aminopeptidase puromycin sensitive (NPEPPS)
208718_at	-2.68	10521	Hs.528305	DEAD-box helicase 17 (DDX17)
227600_at	-2.68	10884		mitochondrial ribosomal protein S30 (MRPS30)
212956_at	-2.68	23158	Hs.480819	TBC1 domain family member 9 (TBC1D9)
223320_s_at	-2.68	23456	Hs.17614	ATP binding cassette subfamily B member 10 (ABCB10)
223077_at	-2.68	29766	Hs.4998	tropomodulin 3 (TMOD3)
227916_x_at	-2.68	51010	Hs.602571	exosome component 3 (EXOSC3)
222566_at	-2.68	51111	Hs.632120	lysine methyltransferase 5B (KMT5B)
223675_s_at	-2.68	55591	Hs.24135	vezatin, adherens junctions transmembrane protein (VEZT)
226925_at	-2.68	92370	Hs.657887	2-phosphoxylose phosphatase 1 (PXYLP1)
227352_at	-2.68	126074	Hs.631619	SWIM-type zinc finger 7 associated protein 1 (SWSAP1)
228594_at	-2.68	133686	Hs.81907	NAD kinase 2, mitochondrial (NADK2)
230543_at	-2.68			
221761_at	-2.67	159	Hs.498313	adenylosuccinate synthase (ADSS)
209281_s_at	-2.67	490	Hs.506276	ATPase plasma membrane Ca2+ transporting 1 (ATP2B1)
203837_at	-2.67	4217	Hs.186486	mitogen-activated protein kinase kinase kinase 5 (MAP3K5)
202907_s_at	-2.67	4683	Hs.492208	nibrin (NBN)
201109_s_at	-2.67	7057	Hs.164226	thrombospondin 1 (THBS1)
212864_at	-2.67	8760	Hs.126857	CDP-diacylglycerol synthase 2 (CDS2)
204045_at	-2.67	9338	Hs.95243	transcription elongation factor A like 1 (TCEAL1)
223681_s_at	-2.67	10207	Hs.478125	PATJ, crumbs cell polarity complex component (PATJ)
207196_s_at	-2.67	10318	Hs.355141	TNFAIP3 interacting protein 1 (TNIP1)
209943_at	-2.67	26235	Hs.536850	F-box and leucine rich repeat protein 4 (FBXL4)

221193_s_at	-2.67	54819	Hs.29700	zinc finger CCHC-type containing 10 (ZCCHC10)
1555910_at	-2.67	79810	Hs.126906	pentatricopeptide repeat domain 2 (PTCD2)
225633_at	-2.67	147991	Hs.194392	dpy-19 like 3 (C. elegans) (DPY19L3)
241703_at	-2.67	154661	Hs.411488	RUN domain containing 3B (RUNDC3B)
212746_s_at	-2.67	645455	Hs.533635	centrosomal protein 170 pseudogene 1 (CEP170P1)
235759_at	-2.67		Hs.743640	
203953_s_at	-2.66	1365	Hs.647023	claudin 3 (CLDN3)
224697_at	-2.66	8816	Hs.509780	DDB1 and CUL4 associated factor 5 (DCAF5)
224596_at	-2.66	23446	Hs.573495	solute carrier family 44 member 1 (SLC44A1)
203357_s_at	-2.66	23473	Hs.595234	calpain 7 (CAPN7)
209484_s_at	-2.66	25936	Hs.497692	NSL1, MIS12 kinetochore complex component (NSL1)
222825_at	-2.66	51633	Hs.30532	OTU domain containing 6B (OTUD6B)
222679_s_at	-2.66	54165	Hs.744153	defective in cullin neddylation 1 domain containing 1 (DCUN1D1)
230777_s_at	-2.66	63977	Hs.473893; Hs.726680	PR/SET domain 15 (PRDM15)
223081_at	-2.66	79142	Hs.644724	PHD finger protein 23 (PHF23)
222636_at	-2.66	80306	Hs.731966	mediator complex subunit 28 (MED28)
225717_at	-2.66	80856	Hs.209561	lunapark, ER junction formation factor (LNPK)
1554769_at	-2.66	146540	Hs.513509	zinc finger protein 785 (ZNF785)
226837_at	-2.66	161742	Hs.525781	sprouty related EVH1 domain containing 1 (SPRED1)
228482_at	-2.66	100533496	Hs.164595; Hs.731765	TVP23C-CDRT4 readthrough (TVP23C-CDRT4)
239346_at	-2.65	2967	Hs.355348	general transcription factor IIH subunit 3 (GTF2H3)
229450_at	-2.65	3437	Hs.744072	interferon induced protein with tetratricopeptide repeats 3 (IFIT3)
210563_x_at	-2.65	8837	Hs.390736	CASP8 and FADD like apoptosis regulator (CFLAR)
203884_s_at	-2.65	22841	Hs.173656	RAB11 family interacting protein 2 (RAB11FIP2)
200961_at	-2.65	22928	Hs.118725	selenophosphate synthetase 2 (SEPHS2)
212153_at	-2.65	23126	Hs.489873	pogo transposable element with ZNF domain (POGZ)
213370_s_at	-2.65	51460	Hs.343679	Scm-like with four mbt domains 1 (SFMBT1)
201857_at	-2.65	51663	Hs.435231	zinc finger RNA binding protein (ZFR)
227415_at	-2.65	160851	Hs.733239	diacylglycerol kinase eta (DGKH)
204453_at	-2.64	7637	Hs.445019	zinc finger protein 84 (ZNF84)
230261_at	-2.64	7903	Hs.308628	ST8 alpha-N-acetyl-neuraminide alpha-2,8-sialyltransferase 4 (ST8SIA4)
223804_s_at	-2.64	25917	Hs.443081	THUMP domain containing 3 (THUMPD3)
212408_at	-2.64	26092	Hs.496459	torsin 1A interacting protein 1 (TOR1AIP1)
203827_at	-2.64	55062	Hs.463964	WD repeat domain, phosphoinositide interacting 1 (WIP1)
223444_at	-2.64	57337	Hs.529551	SUMO1/sentrin specific peptidase 7 (SEN7)
229299_at	-2.64	133686	Hs.81907	NAD kinase 2, mitochondrial (NADK2)
227861_at	-2.64	153396	Hs.379972	transmembrane protein 161B (TMEM161B)
226568_at	-2.64	284611	Hs.200230	family with sequence similarity 102 member B (FAM102B)
202515_at	-2.63	1739	Hs.292549	discs large MAGUK scaffold protein 1 (DLG1)
212364_at	-2.63	4430	Hs.439620	myosin IB (MYO1B)

225585_at	-2.63	5911	Hs.508480	RAP2A, member of RAS oncogene family (RAP2A)
212538_at	-2.63	23348	Hs.596105	dedicator of cytokinesis 9 (DOCK9)
212802_s_at	-2.63	26130	Hs.495134	GTPase activating protein and VPS9 domains 1 (GAPVD1)
205527_s_at	-2.63	50628	Hs.499620	gem nuclear organelle associated protein 4 (GEMIN4)
222497_x_at	-2.63	51068	Hs.598836	NMD3 ribosome export adaptor (NMD3)
218351_at	-2.63	54951	Hs.23956	COMM domain containing 8 (COMMD8)
235907_at	-2.63	55161	Hs.31082	transmembrane protein 33 (TMEM33)
209891_at	-2.63	57405	Hs.421956	SPC25, NDC80 kinetochore complex component (SPC25)
228145_s_at	-2.63	57541	Hs.632032	zinc finger protein 398 (ZNF398)
223575_at	-2.63	57670	Hs.605380	KIAA1549 (KIAA1549)
55692_at	-2.63	63916	Hs.210469	engulfment and cell motility 2 (ELMO2)
218953_s_at	-2.63	78991	Hs.644397	prenylcysteine oxidase 1 like (PCYOX1L)
223798_at	-2.63	84102	Hs.577463	solute carrier family 41 member 2 (SLC41A2)
225666_at	-2.63	84899	Hs.190983	transmembrane and tetratricopeptide repeat containing 4 (TMTC4)
244828_x_at	-2.63	92345		nuclear assembly factor 1 ribonucleoprotein (NAF1)
1554239_s_at	-2.63	284273	Hs.465433	zinc binding alcohol dehydrogenase domain containing 2 (ZADH2)
232752_at	-2.63	100287616	Hs.599785	LOXL1 antisense RNA 1 (LOXL1-AS1)
202369_s_at	-2.62	9697	Hs.520182	translocation associated membrane protein 2 (TRAM2)
200632_s_at	-2.62	10397	Hs.372914	N-myc downstream regulated 1 (NDRG1)
222726_s_at	-2.62	10640	Hs.743987	exocyst complex component 5 (EXOC5)
212231_at	-2.62	23014	Hs.740376	F-box protein 21 (FBXO21)
222754_at	-2.62	51095	Hs.732725	tRNA nucleotidyl transferase 1 (TRNT1)
222630_at	-2.62	64864	Hs.745089	regulatory factor X7 (RFX7)
235033_at	-2.62	79716	Hs.654868	aminopeptidase-like 1 (NPEPL1)
225153_at	-2.62	85476	Hs.518355	G elongation factor mitochondrial 1 (GFM1)
235542_at	-2.62	200424		tet methylcytosine dioxygenase 3 (TET3)
226721_at	-2.62	286148	Hs.567828	dpy-19 like 4 (C. elegans) (DPY19L4)
236283_x_at	-2.62	646214	Hs.510697	p21 protein (Cdc42/Rac)-activated kinase 2 pseudogene (LOC646214)
235924_at	-2.61	2444	Hs.561511	fyn related Src family tyrosine kinase (FRK)
212020_s_at	-2.61	4288	Hs.80976	marker of proliferation Ki-67 (MKI67)
227629_at	-2.61	5618	Hs.368587	prolactin receptor (PRLR)
213044_at	-2.61	6093	Hs.306307; Hs.585843	Rho associated coiled-coil containing protein kinase 1 (ROCK1)
203232_s_at	-2.61	6310	Hs.434961	ataxin 1 (ATXN1)
208927_at	-2.61	8405	Hs.740407	speckle type BTB/POZ protein (SPOP)
210612_s_at	-2.61	8871	Hs.434494	synaptojanin 2 (SYNJ2)
216228_s_at	-2.61	11169	Hs.385998	WD repeat and HMG-box DNA binding protein 1 (WDHD1)
204226_at	-2.61	27067	Hs.561815	staufen double-stranded RNA binding protein 2 (STAU2)
238002_at	-2.61	27333	Hs.143600	golgi integral membrane protein 4 (GOLIM4)
222533_at	-2.61	51185	Hs.18925	cereblon (CRBN)
220945_x_at	-2.61	54682	Hs.591145	MANSC domain containing 1 (MANSC1)
219543_at	-2.61	64081	Hs.198158	phenazine biosynthesis like protein domain containing (PBLD)

226080_at	-2.61	85464	Hs.654754	slingshot protein phosphatase 2 (SSH2)
228768_at	-2.61	96459	Hs.591273	folliculin interacting protein 1 (FNIP1)
236027_at	-2.61	119392	Hs.93667	SWI5 dependent homologous recombination repair protein 1 (SFR1)
229615_at	-2.61	128710		SLX4 interacting protein (SLX4IP)
229603_at	-2.61	166379	Hs.400698	Bardet-Biedl syndrome 12 (BBS12)
229174_at	-2.61	285237	Hs.518099	chromosome 3 open reading frame 38 (C3orf38)
224959_at	-2.6	1836	Hs.302738	solute carrier family 26 member 2 (SLC26A2)
202742_s_at	-2.6	5567	Hs.487325	protein kinase cAMP-activated catalytic subunit beta (PRKACB)
210290_at	-2.6	7727	Hs.155204	zinc finger protein 174 (ZNF174)
202971_s_at	-2.6	8445	Hs.173135	dual specificity tyrosine phosphorylation regulated kinase 2 (DYRK2)
225478_at	-2.6	9258		malignant fibrous histiocytoma amplified sequence 1 (MFHAS1)
235410_at	-2.6	27031	Hs.511991	nephrocystin 3 (NPHP3)
222488_s_at	-2.6	51164	Hs.675564	dynactin subunit 4 (DCTN4)
225366_at	-2.6	55276	Hs.23363	phosphoglucomutase 2 (PGM2)
211801_x_at	-2.6	55669	Hs.478383	mitofusin 1 (MFN1)
232184_at	-2.6	57679	Hs.471096	ALS2, alsin Rho guanine nucleotide exchange factor (ALS2)
225189_s_at	-2.6	65059	Hs.471162	Ras association (RalGDS/AF-6) and pleckstrin homology domains 1 (RAPH1)
1553956_at	-2.6	65062	Hs.12319	transmembrane protein 237 (TMEM237)
219262_at	-2.6	79723	Hs.554883	suppressor of variegation 3-9 homolog 2 (SUV39H2)
222999_s_at	-2.6	81669	Hs.515704	cyclin L2 (CCNL2)
225365_at	-2.6	253832	Hs.564611	zinc finger DHHC-type containing 20 (ZDHHC20)
226249_at	-2.6	401548	Hs.522350	sorting nexin family member 30 (SNX30)
226596_x_at	-2.6	729852	Hs.652371	UBAP1-MVB12-associated (UMA) domain containing 1 (UMAD1)
201535_at	-2.59	5412	Hs.145575	ubiquitin like 3 (UBL3)
202863_at	-2.59	6672	Hs.369056	SP100 nuclear antigen (SP100)
214678_x_at	-2.59	7543	Hs.336681	zinc finger protein, X-linked (ZFX)
202214_s_at	-2.59	8450	Hs.102914	cullin 4B (CUL4B)
206668_s_at	-2.59	9522	Hs.482587	secretory carrier membrane protein 1 (SCAMP1)
230875_s_at	-2.59	23250	Hs.29189	ATPase phospholipid transporting 11A (ATP11A)
223547_at	-2.59	51528	Hs.446850	JNK1/MAPK8-associated membrane protein (JKAMP)
224799_at	-2.59	54602	Hs.525093	Nedd4 family interacting protein 2 (NDFIP2)
229828_at	-2.59	79577	Hs.378996	cell division cycle 73 (CDC73)
213064_at	-2.59	79882	Hs.686171	zinc finger CCCH-type containing 14 (ZC3H14)
235032_at	-2.59	134218	Hs.131887	DnaJ heat shock protein family (Hsp40) member C21 (DNAJC21)
238149_at	-2.59	390963	Hs.444446	zinc finger protein 818, pseudogene (ZNF818P)
225144_at	-2.58	659	Hs.471119	bone morphogenetic protein receptor type 2 (BMPR2)
225927_at	-2.58	4214	Hs.653654	mitogen-activated protein kinase kinase kinase 1 (MAP3K1)
227426_at	-2.58	6654	Hs.709893	SOS Ras/Rac guanine nucleotide exchange factor 1 (SOS1)
218379_at	-2.58	10179	Hs.7527	RNA binding motif protein 7 (RBM7)
212800_at	-2.58	10228	Hs.518417	syntaxin 6 (STX6)
212590_at	-2.58	22800	Hs.502004	related RAS viral (r-ras) oncogene homolog 2 (RRAS2)

208913_at	-2.58	23062	Hs.460336	golgi associated, gamma adaptin ear containing, ARF binding protein 2 (GGA2)
205310_at	-2.58	23403	Hs.128702	F-box protein 46 (FBXO46)
204715_at	-2.58	24145	Hs.591976	pannexin 1 (PANX1)
222771_s_at	-2.58	50804	Hs.6638	myelin expression factor 2 (MYEF2)
235767_x_at	-2.58	51808	Hs.744042	phosphorylated adaptor for RNA export (PHAX)
225446_at	-2.58	54014	Hs.654740	bromodomain and WD repeat domain containing 1 (BRWD1)
223258_s_at	-2.58	55632	Hs.509008	G2/M-phase specific E3 ubiquitin protein ligase (G2E3)
221203_s_at	-2.58	55689	Hs.632575	YEATS domain containing 2 (YEATS2)
219204_s_at	-2.58	63826	Hs.461954	serine racemase (SRR)
235550_at	-2.58	79884	Hs.61271	microtubule associated protein 9 (MAP9)
1553764_a_at	-2.58	84962	Hs.655832	ajuba LIM protein (AJUBA)
228487_s_at	-2.58		Hs.714503	
205618_at	-2.57	5638	Hs.190341	proline rich and Gla domain 1 (PRRG1)
202658_at	-2.57	8799	Hs.714608	peroxisomal biogenesis factor 11 beta (PEX11B)
201681_s_at	-2.57	9231	Hs.652690	discs large MAGUK scaffold protein 5 (DLG5)
202382_s_at	-2.57	10007	Hs.633853	glucosamine-6-phosphate deaminase 1 (GNPDA1)
217734_s_at	-2.57	11180	Hs.654815	WD repeat domain 6 (WDR6)
223245_at	-2.57	55342	Hs.694157	spermatid perinuclear RNA binding protein (STRBP)
223435_s_at	-2.57	56134	Hs.199343	protocadherin alpha subfamily C, 2 (PCDHAC2)
223233_s_at	-2.57	57530	Hs.591464	cingulin (CGN)
218713_at	-2.57	79664	Hs.200943	interactor of little elongation complex ELL subunit 2 (ICE2)
1552644_a_at	-2.57	80012	Hs.529592	polyhomeotic homolog 3 (PHC3)
221268_s_at	-2.57	81537	Hs.24678	sphingosine-1-phosphate phosphatase 1 (SGPP1)
223540_at	-2.57	81607	Hs.492490	nectin cell adhesion molecule 4 (NECTIN4)
228993_s_at	-2.57	92482	Hs.232543	BBSome interacting protein 1 (BBIP1)
212643_at	-2.57	93487	Hs.594338	mitogen-activated protein kinase 1 interacting protein 1 like (MAPK1IP1L)
235414_at	-2.57	163087	Hs.590975	zinc finger protein 383 (ZNF383)
235092_at	-2.57		Hs.657445	
225937_at	-2.56	1523	Hs.191482	cut like homeobox 1 (CUX1)
209296_at	-2.56	5495	Hs.416769	protein phosphatase, Mg2+/Mn2+ dependent 1B (PPM1B)
203132_at	-2.56	5925	Hs.408528	RB transcriptional corepressor 1 (RB1)
203739_at	-2.56	7764	Hs.155040	zinc finger protein 217 (ZNF217)
211077_s_at	-2.56	9874	Hs.744917	tousled like kinase 1 (TLK1)
203487_s_at	-2.56	25852	Hs.744868	armadillo repeat containing 8 (ARMC8)
1554452_a_at	-2.56	29923	Hs.706124	hypoxia inducible lipid droplet associated (HILPDA)
222846_at	-2.56	51762	Hs.389733	RAB8B, member RAS oncogene family (RAB8B)
219750_at	-2.56	55314	Hs.176227	transmembrane protein 144 (TMEM144)
218987_at	-2.56	55729	Hs.591151	activating transcription factor 7 interacting protein (ATF7IP)
230951_at	-2.56	57669	Hs.369232	erythrocyte membrane protein band 4.1 like 5 (EPB41L5)
219628_at	-2.56	64393	Hs.371609	zinc finger matrin-type 3 (ZMAT3)
223602_at	-2.56	84749	Hs.486434	ubiquitin specific peptidase 30 (USP30)

226639_at	-2.56	84826	Hs.345849	SFT2 domain containing 3 (SFT2D3)
213555_at	-2.56	112611	Hs.709686	RWD domain containing 2A (RWDD2A)
226152_at	-2.56	145567	Hs.655697	tetratricopeptide repeat domain 7B (TTC7B)
219696_at	-2.56	163486	Hs.745032	DENN domain containing 1B (DENND1B)
223177_at	-2.56	221294	Hs.520341	5'-nucleotidase domain containing 1 (NT5DC1)
212708_at	-2.56	339287	Hs.532786	male specific lethal 1 homolog (MSL1)
227822_at	-2.56	100289635	Hs.29698	zinc finger protein 605 (ZNF605)
225520_at	-2.56	100996643	Hs.591343	monofunctional C1-tetrahydrofolate synthase, mitochondrial-like (LOC100996643)
206346_at	-2.55	5618	Hs.368587	prolactin receptor (PRLR)
226015_at	-2.55	7559	Hs.431471	zinc finger protein 12 (ZNF12)
59625_at	-2.55	8996	Hs.513667	nucleolar protein 3 (NOL3)
212145_at	-2.55	23107	Hs.482491	mitochondrial ribosomal protein S27 (MRPS27)
217858_s_at	-2.55	51566	Hs.592225	armadillo repeat containing, X-linked 3 (ARMCX3)
223324_s_at	-2.55	54822	Hs.512894	transient receptor potential cation channel subfamily M member 7 (TRPM7)
1560060_s_at	-2.55	55048	Hs.523715	VPS37C, ESCRT-I subunit (VPS37C)
226861_at	-2.55	140461	Hs.432699	ankyrin repeat and SOCS box containing 8 (ASB8)
235061_at	-2.55	152926	Hs.43744	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent 1K (PPM1K)
219156_at	-2.55	100529257	Hs.443661	SYNJ2BP-COX16 readthrough (SYNJ2BP-COX16)
213198_at	-2.54	91	Hs.438918	activin A receptor type 1B (ACVR1B)
205709_s_at	-2.54	1040	Hs.654899	CDP-diacylglycerol synthase 1 (CDS1)
224681_at	-2.54	2768	Hs.487341	G protein subunit alpha 12 (GNA12)
208986_at	-2.54	6938	Hs.511504	transcription factor 12 (TCF12)
202932_at	-2.54	7525	Hs.194148	YES proto-oncogene 1, Src family tyrosine kinase (YES1)
200854_at	-2.54	9611	Hs.462323	nuclear receptor corepressor 1 (NCOR1)
203283_s_at	-2.54	9653	Hs.743280	heparan sulfate 2-O-sulfotransferase 1 (HS2ST1)
204589_at	-2.54	9891	Hs.524692	NUAK family kinase 1 (NUAK1)
215596_s_at	-2.54	26046	Hs.288773	listerin E3 ubiquitin protein ligase 1 (LTN1)
226779_at	-2.54	92255	Hs.599179	LMBR1 domain containing 2 (LMBRD2)
208056_s_at	-2.53	863	Hs.513811	CBFA2/RUNX1 translocation partner 3 (CBFA2T3)
209172_s_at	-2.53	1063	Hs.497741	centromere protein F (CENPF)
205097_at	-2.53	1836	Hs.302738	solute carrier family 26 member 2 (SLC26A2)
202350_s_at	-2.53	4147	Hs.189445; Hs.737531	matrilin 2 (MATN2)
226231_at	-2.53	5074		pro-apoptotic WT1 regulator (PAWR)
214931_s_at	-2.53	6733	Hs.285197	SRSF protein kinase 2 (SRPK2)
222651_s_at	-2.53	7227	Hs.657018	transcriptional repressor GATA binding 1 (TRPS1)
204350_s_at	-2.53	9443	Hs.279902; Hs.744244	mediator complex subunit 7 (MED7)
212612_at	-2.53	23186	Hs.510521	REST corepressor 1 (RCOR1)
213005_s_at	-2.53	23189	Hs.306764	KN motif and ankyrin repeat domains 1 (KANK1)
212553_at	-2.53	23248	Hs.213666	regulation of nuclear pre-mRNA domain containing 2 (RPRD2)
213552_at	-2.53	26035	Hs.183006	glucuronic acid epimerase (GLCE)

226188_at	-2.53	29094	Hs.372208	galectin like (LGALSL)
225367_at	-2.53	55276	Hs.23363	phosphoglucomutase 2 (PGM2)
232083_at	-2.53	55614	Hs.101774	kinesin family member 16B (KIF16B)
223254_s_at	-2.53	55632	Hs.509008	G2/M-phase specific E3 ubiquitin protein ligase (G2E3)
218464_s_at	-2.53	55731	Hs.564533	family with sequence similarity 222 member B (FAM222B)
239355_at	-2.53	64395		germ cell-less, spermatogenesis associated 1 (GMCL1)
219092_s_at	-2.53	64768	Hs.459896	inositol-pentakisphosphate 2-kinase (IPPK)
222889_at	-2.53	64858	Hs.591412	DNA cross-link repair 1B (DCLRE1B)
220992_s_at	-2.53	81627	Hs.107149	tRNA methyltransferase 1 like (TRMT1L)
226763_at	-2.53	91404	Hs.30977	SEC14 and spectrin domain containing 1 (SESTD1)
223099_s_at	-2.53	100507577	Hs.731827	uncharacterized LOC100507577 (LOC100507577)
225120_at	-2.53	100616393	Hs.349150	microRNA 4657 (MIR4657)
204366_s_at	-2.52	2976	Hs.75782	general transcription factor IIIC subunit 2 (GTF3C2)
203688_at	-2.52	5311	Hs.181272	polycystin 2, transient receptor potential cation channel (PKD2)
207749_s_at	-2.52	5523	Hs.518155	protein phosphatase 2 regulatory subunit B"alpha (PPP2R3A)
204634_at	-2.52	6787	Hs.631921	NIMA related kinase 4 (NEK4)
209358_at	-2.52	6882	Hs.112444	TATA-box binding protein associated factor 11 (TAF11)
202049_s_at	-2.52	9202	Hs.269211	zinc finger MYM-type containing 4 (ZMYM4)
225497_at	-2.52	11101	Hs.632080	arginyltransferase 1 (ATE1)
203883_s_at	-2.52	22841	Hs.173656	RAB11 family interacting protein 2 (RAB11FIP2)
239413_at	-2.52	22995	Hs.597323	centrosomal protein 152 (CEP152)
225073_at	-2.52	51535	Hs.444157	periphilin 1 (PPHLN1)
230078_at	-2.52	51735	Hs.483329	Rap guanine nucleotide exchange factor 6 (RAPGEF6)
231869_at	-2.52	57691	Hs.709521	KIAA1586 (KIAA1586)
226796_at	-2.52	116236	Hs.106510	abhydrolase domain containing 15 (ABHD15)
226921_at	-2.52	197131	Hs.591121	ubiquitin protein ligase E3 component n-recognin 1 (UBR1)
238681_at	-2.52	284161	Hs.631744	glycerophosphodiester phosphodiesterase domain containing 1 (GDPD1)
212594_at	-2.52	100616113	Hs.711490	microRNA 4680 (MIR4680)
226886_at	-2.51	2673	Hs.580300	glutamine--fructose-6-phosphate transaminase 1 (GFPT1)
201423_s_at	-2.51	8451	Hs.339735	cullin 4A (CUL4A)
227595_at	-2.51	9204	Hs.729053	zinc finger MYM-type containing 6 (ZMYM6)
225522_at	-2.51	22848	Hs.468878	AP2 associated kinase 1 (AAK1)
203521_s_at	-2.51	24149	Hs.509718	zinc finger protein 318 (ZNF318)
228151_at	-2.51	54622		ADP ribosylation factor like GTPase 15 (ARL15)
232914_s_at	-2.51	54843	Hs.369520	synaptotagmin like 2 (SYTL2)
203481_at	-2.51	55719	Hs.447458	SMC5-SMC6 complex localization factor 2 (SLF2)
222820_at	-2.51	57690	Hs.569831	trinucleotide repeat containing 6C (TNRC6C)
213689_x_at	-2.51	388650	Hs.180946	family with sequence similarity 69 member A (FAM69A)
216044_x_at	-2.51	388650	Hs.180946	family with sequence similarity 69 member A (FAM69A)
226413_at	-2.51	400027	Hs.597122	long intergenic non-protein coding RNA 938 (LINC00938)
224740_at	-2.51	643155	Hs.508479	small integral membrane protein 15 (SMIM15)
203755_at	-2.5	701	Hs.513645	BUB1 mitotic checkpoint serine/threonine kinase B (BUB1B)

228092_at	-2.5	1390	Hs.200250	cAMP responsive element modulator (CREM)
208878_s_at	-2.5	5062	Hs.518530	p21 (RAC1) activated kinase 2 (PAK2)
208620_at	-2.5	5093	Hs.2853	poly (rC) binding protein 1 (PCBP1)
203108_at	-2.5	9052	Hs.631733	G protein-coupled receptor class C group 5 member A (GPCR5A)
202258_s_at	-2.5	10443	Hs.507680	NEDD4 binding protein 2 like 2 (N4BP2L2)
201761_at	-2.5	10797	Hs.469030	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate cyclohydrolase (MTHFD2)
212496_s_at	-2.5	23030	Hs.654816	lysine demethylase 4B (KDM4B)
212149_at	-2.5	23167	Hs.204564	EFR3 homolog A (EFR3A)
212132_at	-2.5	26065	Hs.744009	LSM14A, mRNA processing body assembly factor (LSM14A)
224705_s_at	-2.5	27327	Hs.655057	trinucleotide repeat containing 6A (TNRC6A)
219382_at	-2.5	29946	Hs.515412	SERTA domain containing 3 (SERTAD3)
221987_s_at	-2.5	55720	Hs.388170	TSR1, ribosome maturation factor (TSR1)
221778_at	-2.5	80853	Hs.308710	lysine demethylase 7A (KDM7A)
244246_at	-2.5	145282	Hs.660396	mirror-image polydactyly 1 (MIPOL1)
240592_at	-2.5	254251	Hs.446201	ligand dependent nuclear receptor corepressor like (LCORL)
228799_at	-2.5	101927597		NCK1 antisense RNA 1 (head to head) (NCK1-AS1)
229105_at	-2.49	2863	Hs.744392	G protein-coupled receptor 39 (GPR39)
226538_at	-2.49	4124	Hs.432822	mannosidase alpha class 2A member 1 (MAN2A1)
210793_s_at	-2.49	4928	Hs.524750	nucleoporin 98 (NUP98)
203120_at	-2.49	7159	Hs.523968	tumor protein p53 binding protein 2 (TP53BP2)
218005_at	-2.49	7570	Hs.462693	zinc finger protein 22 (ZNF22)
202762_at	-2.49	9475		Rho associated coiled-coil containing protein kinase 2 (ROCK2)
231929_at	-2.49	22807	Hs.604950	IKAROS family zinc finger 2 (IKZF2)
233955_x_at	-2.49	51523	Hs.744933	CXXC finger protein 5 (CXXC5)
218035_s_at	-2.49	54502	Hs.518727	RNA binding motif protein 47 (RBM47)
242224_at	-2.49	55105	Hs.420757	G-patch domain containing 2 (GPATCH2)
230151_at	-2.49	57213	Hs.44235	SPRY domain containing 7 (SPRYD7)
234947_s_at	-2.49	63877	Hs.372309	family with sequence similarity 204 member A (FAM204A)
208156_x_at	-2.49	83481	Hs.743673	epiplakin 1 (EPPK1)
235653_s_at	-2.49	152815	Hs.479971	THAP domain containing 6 (THAP6)
217879_at	-2.48	996	Hs.463295	cell division cycle 27 (CDC27)
202516_s_at	-2.48	1739	Hs.292549	discs large MAGUK scaffold protein 1 (DLG1)
221156_x_at	-2.48	9236	Hs.285051	cell cycle progression 1 (CCPG1)
210320_s_at	-2.48	11056	Hs.590937	DExD-box helicase 52 (DDX52)
205087_at	-2.48	25950	Hs.709591	RWD domain containing 3 (RWDD3)
208884_s_at	-2.48	51366	Hs.492445	ubiquitin protein ligase E3 component n-recognin 5 (UBR5)
218053_at	-2.48	55660	Hs.643580	pre-mRNA processing factor 40 homolog A (PRPF40A)
55872_at	-2.48	57473	Hs.740578	zinc finger protein 512B (ZNF512B)
226284_at	-2.48	57621	Hs.520073	zinc finger and BTB domain containing 2 (ZBTB2)
214718_at	-2.48	57798	Hs.21145	GATA zinc finger domain containing 1 (GATAD1)
225313_at	-2.48	63939	Hs.54973	family with sequence similarity 217 member B (FAM217B)
217803_at	-2.48	64083	Hs.408909	golgi phosphoprotein 3 (GOLPH3)

223104_at	-2.48	84522	Hs.24054	jagunal homolog 1 (JAGN1)
228505_s_at	-2.48	124491	Hs.487510	transmembrane protein 170A (TMEM170A)
225415_at	-2.48	151636	Hs.518201	deltex E3 ubiquitin ligase 3L (DTX3L)
234304_s_at	-2.48	101180901	Hs.482269	IPO11-LRRC70 readthrough (IPO11-LRRC70)
1552312_a_at	-2.47	4238	Hs.432818	microfibrillar associated protein 3 (MFAP3)
206288_at	-2.47	5229	Hs.254006	protein geranylgeranyltransferase type I subunit beta (PGGT1B)
228853_at	-2.47	6815	Hs.364980	serine/threonine/tyrosine interacting protein (STYX)
203067_at	-2.47	8050	Hs.502315	pyruvate dehydrogenase complex component X (PDHX)
218224_at	-2.47	9240	Hs.194709	paraneoplastic Ma antigen 1 (PNMA1)
203494_s_at	-2.47	9702	Hs.101014	centrosomal protein 57 (CEP57)
201084_s_at	-2.47	9774	Hs.486542	BCL2 associated transcription factor 1 (BCLAF1)
206272_at	-2.47	10638	Hs.296169	S-phase response (cyclin related) (SPHAR)
218615_s_at	-2.47	55254	Hs.594171	transmembrane protein 39A (TMEM39A)
218545_at	-2.47	55297	Hs.653125	coiled-coil domain containing 91 (CCDC91)
229222_at	-2.47	79611		acyl-CoA synthetase short-chain family member 3 (ACSS3)
223236_at	-2.47	84081	Hs.462663	nuclear speckle splicing regulatory protein 1 (NSRP1)
225485_at	-2.47	95681	Hs.368315	centrosomal protein 41 (CEP41)
236249_at	-2.47	121457	Hs.252543	IKBKB interacting protein (IKBIP)
225785_at	-2.47	221035	Hs.499833	receptor accessory protein 3 (REEP3)
1556588_at	-2.47	283687	Hs.722219	ST20 antisense RNA 1 (ST20-AS1)
212340_at	-2.47	286451	Hs.82719	Yip1 domain family member 6 (YIPF6)
232615_at	-2.47		Hs.663064	
235939_at	-2.47		Hs.633186	
209308_s_at	-2.46	663	Hs.646490	BCL2 interacting protein 2 (BNIP2)
222713_s_at	-2.46	2188	Hs.632151	Fanconi anemia complementation group F (FANCF)
204798_at	-2.46	4602	Hs.606320	MYB proto-oncogene, transcription factor (MYB)
233461_x_at	-2.46	7769	Hs.145956	zinc finger protein 226 (ZNF226)
212824_at	-2.46	8939	Hs.98751	far upstream element binding protein 3 (FUBP3)
227942_s_at	-2.46	9419	Hs.133998	CXXC repeat containing interactor of PDZ3 domain (CRIPT)
212319_at	-2.46	9905	Hs.513861	small G protein signaling modulator 2 (SGSM2)
212902_at	-2.46	10802	Hs.595540	SEC24 homolog A, COPII coat complex component (SEC24A)
209455_at	-2.46	23291	Hs.484138	F-box and WD repeat domain containing 11 (FBXW11)
202342_s_at	-2.46	23321	Hs.435711	tripartite motif containing 2 (TRIM2)
223491_at	-2.46	51122	Hs.432729	COMM domain containing 2 (COMMD2)
233632_s_at	-2.46	54464	Hs.435103	5'-3' exoribonuclease 1 (XRN1)
218218_at	-2.46	55198	Hs.506603	adaptor protein, phosphotyrosine interacting with PH domain and leucine zipper 2 (APPL2)
222958_s_at	-2.46	55635	Hs.445098	DEP domain containing 1 (DEPDC1)
242919_at	-2.46	56242		zinc finger protein 253 (ZNF253)
209586_s_at	-2.46	58497	Hs.78524	prune exopolyphosphatase (PRUNE1)
231878_at	-2.46	79447	Hs.702841	PAXIP1 associated glutamate rich protein 1 (PAGR1)
222760_at	-2.46	80139	Hs.744591	zinc finger protein 703 (ZNF703)
228841_at	-2.46	90624	Hs.115467	LYR motif containing 7 (LYRM7)

226702_at	-2.46	129607	Hs.7155	cytidine/uridine monophosphate kinase 2 (CMPK2)
212244_at	-2.46	145781	Hs.437256	GRINL1A complex locus 1 (GCOM1)
219221_at	-2.46	253461	Hs.518301	zinc finger and BTB domain containing 38 (ZBTB38)
235125_x_at	-2.46	374986	Hs.437755	mitoguardin 1 (MIGA1)
1557155_a_at	-2.46		Hs.720460	
227084_at	-2.45	1837	Hs.643454	dystrobrevin alpha (DTNA)
225661_at	-2.45	3454	Hs.529400	interferon alpha and beta receptor subunit 1 (IFNAR1)
235615_at	-2.45	5229	Hs.254006	protein geranylgeranyltransferase type I subunit beta (PGGT1B)
202545_at	-2.45	5580	Hs.155342	protein kinase C delta (PRKCD)
203209_at	-2.45	5985	Hs.731908	replication factor C subunit 5 (RFC5)
238909_at	-2.45	6281		S100 calcium binding protein A10 (S100A10)
204653_at	-2.45	7020	Hs.519880	transcription factor AP-2 alpha (TFAP2A)
212547_at	-2.45	8019	Hs.522472	bromodomain containing 3 (BRD3)
208165_s_at	-2.45	10279	Hs.274407	protease, serine 16 (PRSS16)
212867_at	-2.45	10499		nuclear receptor coactivator 2 (NCOA2)
218780_at	-2.45	29911	Hs.30792	hook microtubule tethering protein 2 (HOOK2)
219515_at	-2.45	56980	Hs.275086	PR/SET domain 10 (PRDM10)
232336_at	-2.45	57643	Hs.656613	zinc finger SWIM-type containing 5 (ZSWIM5)
218458_at	-2.45	64395	Hs.293971	germ cell-less, spermatogenesis associated 1 (GMCL1)
219038_at	-2.45	79710	Hs.496544	MORC family CW-type zinc finger 4 (MORC4)
219487_at	-2.45	79738	Hs.96322	Bardet-Biedl syndrome 10 (BBS10)
223420_at	-2.45	85406	Hs.709320	DnaJ heat shock protein family (Hsp40) member C14 (DNAJC14)
242121_at	-2.45			
213294_at	-2.44	5610		eukaryotic translation initiation factor 2 alpha kinase 2 (EIF2AK2)
202935_s_at	-2.44	6662	Hs.647409	SRY-box 9 (SOX9)
207724_s_at	-2.44	6683	Hs.468091	spastin (SPAST)
222431_at	-2.44	10927	Hs.146804	spindlin 1 (SPIN1)
203944_x_at	-2.44	11120	Hs.159028	butyrophilin subfamily 2 member A1 (BTN2A1)
230205_at	-2.44	54811	Hs.720081	zinc finger protein 562 (ZNF562)
218139_s_at	-2.44	55745	Hs.597349	adaptor related protein complex 5 mu 1 subunit (AP5M1)
224581_s_at	-2.44	64710	Hs.744865	nuclear casein kinase and cyclin dependent kinase substrate 1 (NUCKS1)
220926_s_at	-2.44	80267	Hs.523811	ER degradation enhancing alpha-mannosidase like protein 3 (EDEM3)
213188_s_at	-2.44	84864	Hs.570562	MYC induced nuclear antigen (MINA)
214155_s_at	-2.44	113251	Hs.26613	La ribonucleoprotein domain family member 4 (LARP4)
242417_at	-2.44	144100	Hs.729280	pleckstrin homology domain containing A7 (PLEKHA7)
1554770_x_at	-2.44	146540	Hs.513509	zinc finger protein 785 (ZNF785)
228185_at	-2.44	219749	Hs.499429	zinc finger protein 25 (ZNF25)
1552427_at	-2.44	220992	Hs.147440	zinc finger protein 485 (ZNF485)
212676_at	-2.44	101930150	Hs.113577	neurofibromin 1 pseudogene 9 (NF1P9)
221750_at	-2.43	3157	Hs.397729	3-hydroxy-3-methylglutaryl-CoA synthase 1 (HMGCS1)
210338_s_at	-2.43	3312	Hs.180414	heat shock protein family A (Hsp70) member 8 (HSPA8)

209336_at	-2.43	5822	Hs.449076	PWP2 periodic tryptophan protein homolog (yeast) (PWP2)
201890_at	-2.43	6241	Hs.226390	ribonucleotide reductase regulatory subunit M2 (RRM2)
225516_at	-2.43	6542	Hs.448520	solute carrier family 7 member 2 (SLC7A2)
215000_s_at	-2.43	9637	Hs.258563	fasciculation and elongation protein zeta 2 (FEZ2)
227335_at	-2.43	11083	Hs.517172	death inducer-obliterator 1 (DIDO1)
212428_at	-2.43	23392	Hs.368255	KIAA0368 (KIAA0368)
217952_x_at	-2.43	23469	Hs.348921	PHD finger protein 3 (PHF3)
214894_x_at	-2.43	23499	Hs.472475	microtubule-actin crosslinking factor 1 (MACF1)
212287_at	-2.43	23512	Hs.462732	SUZ12 polycomb repressive complex 2 subunit (SUZ12)
218701_at	-2.43	51110	Hs.118554	lactamase beta 2 (LACTB2)
223215_s_at	-2.43	51528	Hs.446850	JNK1/MAPK8-associated membrane protein (JKAMP)
225581_s_at	-2.43	54534	Hs.288224	mitochondrial ribosomal protein L50 (MRPL50)
223267_at	-2.43	54931	Hs.740864	tRNA methyltransferase 10C, mitochondrial RNase P subunit (TRMT10C)
213645_at	-2.43	55556	Hs.731510	enolase superfamily member 1 (ENOSF1)
227012_at	-2.43	55972	Hs.208414	solute carrier family 25 member 40 (SLC25A40)
218422_s_at	-2.43	64062	Hs.558528	RNA binding motif protein 26 (RBM26)
225806_at	-2.43	84962	Hs.655832	ajuba LIM protein (AJUBA)
225578_at	-2.43	440145	Hs.28465	mitotic spindle organizing protein 1 (MZT1)
217122_s_at	-2.43	728661	Hs.655255; Hs.744864	solute carrier family 35 member E2B (SLC35E2B)
201658_at	-2.42	400	Hs.372616	ADP ribosylation factor like GTPase 1 (ARL1)
200821_at	-2.42	3920	Hs.496684	lysosomal associated membrane protein 2 (LAMP2)
227193_at	-2.42	7782	Hs.375762	solute carrier family 30 member 4 (SLC30A4)
213101_s_at	-2.42	10096	Hs.433512	ARP3 actin related protein 3 homolog (ACTR3)
210817_s_at	-2.42	10241	Hs.514920	calcium binding and coiled-coil domain 2 (CALCOCO2)
228490_at	-2.42	11057	Hs.122337	abhydrolase domain containing 2 (ABHD2)
213308_at	-2.42	22941	Hs.268726	SH3 and multiple ankyrin repeat domains 2 (SHANK2)
226527_at	-2.42	23248	Hs.213666	regulation of nuclear pre-mRNA domain containing 2 (RPRD2)
212561_at	-2.42	23258	Hs.501857	DENN domain containing 5A (DENND5A)
203080_s_at	-2.42	29994	Hs.470369	bromodomain adjacent to zinc finger domain 2B (BAZ2B)
202577_s_at	-2.42	55308	Hs.656037	DEAD-box helicase 19A (DDX19A)
221802_s_at	-2.42	57698	Hs.501140	shootin 1 (SHTN1)
231876_at	-2.42	81844	Hs.521092	tripartite motif containing 56 (TRIM56)
37577_at	-2.42	84986	Hs.80305	Rho GTPase activating protein 19 (ARHGAP19)
228220_at	-2.42	115548	Hs.165762	FCH domain only 2 (FCHO2)
219154_at	-2.42	144404	Hs.644504	transmembrane protein 120B (TMEM120B)
228619_x_at	-2.42	261726	Hs.209431	TOR signaling pathway regulator (TIPRL)
228623_at	-2.42		Hs.374460	
208636_at	-2.41	87	Hs.509765	actinin alpha 1 (ACTN1)
204120_s_at	-2.41	132	Hs.656586	adenosine kinase (ADK)
227871_at	-2.41	1121	Hs.496449	CHM, Rab escort protein 1 (CHM)
214277_at	-2.41	1353	Hs.591171	COX11, cytochrome c oxidase copper chaperone (COX11)

209124_at	-2.41	4615	Hs.82116	myeloid differentiation primary response 88 (MYD88)
203749_s_at	-2.41	5914	Hs.654583	retinoic acid receptor alpha (RARA)
230226_s_at	-2.41	5927	Hs.76272	lysine demethylase 5A (KDM5A)
213306_at	-2.41	8777	Hs.169378	multiple PDZ domain crumbs cell polarity complex component (MPDZ)
205300_s_at	-2.41	11066	Hs.632738	small nuclear ribonucleoprotein U11/U12 subunit 35 (SNRNP35)
203552_at	-2.41	11183	Hs.130491	mitogen-activated protein kinase kinase kinase 5 (MAP4K5)
212150_at	-2.41	23167	Hs.204564	EFR3 homolog A (EFR3A)
212301_at	-2.41	23168	Hs.511096	RTF1 homolog, Paf1/RNA polymerase II complex component (RTF1)
212908_at	-2.41	23341	Hs.655410	DnaJ heat shock protein family (Hsp40) member C16 (DNAJC16)
206770_s_at	-2.41	23443	Hs.448979	solute carrier family 35 member A3 (SLC35A3)
207130_at	-2.41	23613	Hs.446240	zinc finger MYND-type containing 8 (ZMYND8)
221218_s_at	-2.41	27010	Hs.660232	thiamin pyrophosphokinase 1 (TPK1)
222496_s_at	-2.41	54502	Hs.518727	RNA binding motif protein 47 (RBM47)
219062_s_at	-2.41	54877	Hs.114191	zinc finger CCHC-type containing 2 (ZCCHC2)
222148_s_at	-2.41	55288	Hs.655325	ras homolog family member T1 (RHOT1)
222132_s_at	-2.41	55750	Hs.743318	acylglycerol kinase (AGK)
212798_s_at	-2.41	57037	Hs.157378	ankyrin repeat and MYND domain containing 2 (ANKMY2)
235146_at	-2.41	57458	Hs.370410	transmembrane and coiled-coil domain family 3 (TMCC3)
238693_at	-2.41	80012	Hs.529592	polyhomeotic homolog 3 (PHC3)
229492_at	-2.41	81839	Hs.515130	VANGL planar cell polarity protein 1 (VANGL1)
212313_at	-2.41	91782	Hs.5019	charged multivesicular body protein 7 (CHMP7)
240549_at	-2.41	100507459		NRSN2 antisense RNA 1 (NRSN2-AS1)
228834_at	-2.41		Hs.745306	
226224_at	-2.4	3607	Hs.591140	forkhead box K2 (FOKK2)
212213_x_at	-2.4	4976	Hs.594504	OPA1, mitochondrial dynamin like GTPase (OPA1)
208820_at	-2.4	5747	Hs.395482	protein tyrosine kinase 2 (PTK2)
213218_at	-2.4	7741	Hs.157883	zinc finger and SCAN domain containing 26 (ZSCAN26)
202085_at	-2.4	9414	Hs.50382	tight junction protein 2 (TJP2)
203630_s_at	-2.4	10466	Hs.239631	component of oligomeric golgi complex 5 (COG5)
217955_at	-2.4	23786	Hs.631672	BCL2 like 13 (BCL2L13)
212804_s_at	-2.4	26130	Hs.495134	GTPase activating protein and VPS9 domains 1 (GAPVD1)
226422_at	-2.4	51290	Hs.339453	ERGIC and golgi 2 (ERGIC2)
213016_at	-2.4	56987	Hs.124366	BBX, HMG-box containing (BBX)
222263_at	-2.4	79939	Hs.620596	solute carrier family 35 member E1 (SLC35E1)
210410_s_at	-2.4	100532732	Hs.647011	MSH5-SAPCD1 readthrough (NMD candidate) (MSH5-SAPCD1)
209798_at	-2.39	4863	Hs.171061	nuclear protein, coactivator of histone transcription (NPAT)
221547_at	-2.39	8559	Hs.729158	pre-mRNA processing factor 18 (PRPF18)
214429_at	-2.39	9107	Hs.643702	myotubularin related protein 6 (MTMR6)
214787_at	-2.39	10260	Hs.654567	DENN domain containing 4A (DENND4A)
204728_s_at	-2.39	11169	Hs.385998	WD repeat and HMG-box DNA binding protein 1 (WDHD1)
219913_s_at	-2.39	51340	Hs.171342	crooked neck pre-mRNA splicing factor 1 (CRNKL1)

225081_s_at	-2.39	55536	Hs.744069	cell division cycle associated 7 like (CDCA7L)
1554807_a_at	-2.39	56907	Hs.515283	spire type actin nucleation factor 1 (SPIRE1)
219029_at	-2.39	64417	Hs.732093	transmembrane protein 267 (TMEM267)
226360_at	-2.39	84133	Hs.732114	zinc and ring finger 3 (ZNRF3)
229812_at	-2.39	84196	Hs.467524	ubiquitin specific peptidase 48 (USP48)
228565_at	-2.39	84451	Hs.547779	mixed lineage kinase 4 (MLK4)
219073_s_at	-2.39	114884	Hs.150122	oxysterol binding protein like 10 (OSBPL10)
227305_s_at	-2.39	140775	Hs.592944	Smith-Magenis syndrome chromosome region, candidate 8 (SMCR8)
1557014_a_at	-2.39	158228	Hs.632652	family with sequence similarity 201 member A (FAM201A)
228032_s_at	-2.39	163486	Hs.745032	DENN domain containing 1B (DENND1B)
226153_s_at	-2.39	246175	Hs.592519	CCR4-NOT transcription complex subunit 6 like (CNOT6L)
228318_s_at	-2.39	285464	Hs.26410	cysteine rich PAK1 inhibitor (CRIPAK)
222874_s_at	-2.38	2055	Hs.127675	ceroid-lipofuscinosis, neuronal 8 (CLN8)
201180_s_at	-2.38	2773	Hs.73799	G protein subunit alpha i3 (GNAI3)
203064_s_at	-2.38	3607	Hs.591140	forkhead box K2 (FOXK2)
36920_at	-2.38	4534	Hs.655056	myotubularin 1 (MTM1)
201696_at	-2.38	6429	Hs.469970	serine and arginine rich splicing factor 4 (SRSF4)
209238_at	-2.38	6809	Hs.180711	syntaxin 3 (STX3)
239482_x_at	-2.38	7562	Hs.466296	zinc finger protein 708 (ZNF708)
206989_s_at	-2.38	9169	Hs.210367	SR-related CTD associated factor 11 (SCAF11)
201546_at	-2.38	9320	Hs.591633	thyroid hormone receptor interactor 12 (TRIP12)
212309_at	-2.38	23122	Hs.108614	cytoplasmic linker associated protein 2 (CLASP2)
212074_at	-2.38	23353	Hs.438072	Sad1 and UNC84 domain containing 1 (SUN1)
227369_at	-2.38	26135	Hs.530412	SERPINE1 mRNA binding protein 1 (SERBP1)
218491_s_at	-2.38	29087	Hs.13645	thymocyte nuclear protein 1 (THYN1)
233924_s_at	-2.38	54536	Hs.655657	exocyst complex component 6 (EXOC6)
219734_at	-2.38	54847	Hs.591291	SID1 transmembrane family member 1 (SIDT1)
218771_at	-2.38	55229	Hs.26156	pantothenate kinase 4 (PANK4)
218885_s_at	-2.38	79695	Hs.47099	polypeptide N-acetylgalactosaminyltransferase 12 (GALNT12)
236526_x_at	-2.38	80006	Hs.591760	trafficking protein particle complex 13 (TRAPPC13)
223225_s_at	-2.38	81929	Hs.301048	SEH1 like nucleoporin (SEH1L)
223228_at	-2.38	84247	Hs.744991	leucine zipper down-regulated in cancer 1 like (LDOC1L)
225643_at	-2.38	93487	Hs.594338	mitogen-activated protein kinase 1 interacting protein 1 like (MAPK1IP1L)
228963_at	-2.38	222194		round spermatid basic protein 1 like (RSBN1L)
231022_at	-2.38	100506658	Hs.592605	occludin (OCLN)
205239_at	-2.37	374	Hs.270833	amphiregulin (AREG)
235429_at	-2.37	3646		eukaryotic translation initiation factor 3 subunit E (EIF3E)
229317_at	-2.37	3841		karyopherin subunit alpha 5 (KPNA5)
224985_at	-2.37	4893	Hs.486502	neuroblastoma RAS viral oncogene homolog (NRAS)
1556009_at	-2.37	5194	Hs.161377	peroxisomal biogenesis factor 13 (PEX13)
207121_s_at	-2.37	5597	Hs.411847	mitogen-activated protein kinase 6 (MAPK6)

203476_at	-2.37	7162	Hs.82128	trophoblast glycoprotein (TPBG)
204385_at	-2.37	8942	Hs.470126	kynureninase (KYNU)
216941_s_at	-2.37	9014	Hs.584833	TATA-box binding protein associated factor, RNA polymerase I subunit B (TAF1B)
225528_at	-2.37	10526	Hs.505136	importin 8 (IPO8)
212978_at	-2.37	23507	Hs.482017	leucine rich repeat containing 8 family member B (LRRC8B)
218197_s_at	-2.37	55074	Hs.701892	oxidation resistance 1 (OXR1)
226035_at	-2.37	57478	Hs.183817	ubiquitin specific peptidase 31 (USP31)
218195_at	-2.37	79624	Hs.15929	acidic residue methyltransferase 1 (ARMT1)
212502_at	-2.37	84890	Hs.99821	2-aminoethanethiol dioxygenase (ADO)
212710_at	-2.37	157922	Hs.522493	calmodulin regulated spectrin associated protein 1 (CAMSAP1)
238551_at	-2.37	170384	Hs.588854	fucosyltransferase 11 (FUT11)
225895_at	-2.37	171024	Hs.655519	synaptopodin 2 (SYNPO2)
231828_at	-2.37	253039	Hs.594170	PSMD5 antisense RNA 1 (head to head) (PSMD5-AS1)
226770_at	-2.37	260425	Hs.486189	membrane associated guanylate kinase, WW and PDZ domain containing 3 (MAGI3)
225164_s_at	-2.37	440275	Hs.656673	eukaryotic translation initiation factor 2 alpha kinase 4 (EIF2AK4)
204172_at	-2.36	1371	Hs.476982	coproporphyrinogen oxidase (CPOX)
205726_at	-2.36	1730	Hs.226483	diaphanous related formin 2 (DIAPH2)
208370_s_at	-2.36	1827	Hs.282326	regulator of calcineurin 1 (RCAN1)
205887_x_at	-2.36	4437	Hs.280987	mutS homolog 3 (MSH3)
206277_at	-2.36	5029	Hs.339	purinergic receptor P2Y2 (P2RY2)
213225_at	-2.36	5495	Hs.416769	protein phosphatase, Mg ²⁺ /Mn ²⁺ dependent 1B (PPM1B)
203997_at	-2.36	5774	Hs.436429	protein tyrosine phosphatase, non-receptor type 3 (PTPN3)
225265_at	-2.36	5937	Hs.470412	RNA binding motif single stranded interacting protein 1 (RBMS1)
202933_s_at	-2.36	7525	Hs.194148	YES proto-oncogene 1, Src family tyrosine kinase (YES1)
204857_at	-2.36	8379	Hs.654838	MAD1 mitotic arrest deficient like 1 (MAD1L1)
201170_s_at	-2.36	8553	Hs.744856	basic helix-loop-helix family member e40 (BHLHE40)
227478_at	-2.36	26040	Hs.435458	SET binding protein 1 (SETBP1)
217106_x_at	-2.36	27292	Hs.731665	DIM1 dimethyladenosine transferase 1 homolog (DIMIT1)
225496_s_at	-2.36	54843	Hs.369520	synaptotagmin like 2 (SYTL2)
221869_at	-2.36	57473	Hs.740578	zinc finger protein 512B (ZNF512B)
213858_at	-2.36	58500	Hs.532277	zinc finger protein 250 (ZNF250)
228050_at	-2.36	84135	Hs.406703	UTP15, small subunit processome component (UTP15)
1554451_s_at	-2.36	85406	Hs.709320	DnaJ heat shock protein family (Hsp40) member C14 (DNAJC14)
226479_at	-2.36	89890	Hs.534040	kelch repeat and BTB domain containing 6 (KBTBD6)
213420_at	-2.36	90957	Hs.468226	DExH-box helicase 57 (DHX57)
226600_at	-2.36	160418	Hs.331268	transmembrane and tetratricopeptide repeat containing 3 (TMTC3)
51158_at	-2.36	400451	Hs.27373	family with sequence similarity 174 member B (FAM174B)
229691_at	-2.36	100128927	Hs.170853	zinc finger and BTB domain containing 42 (ZBTB42)
209426_s_at	-2.36	100534612	Hs.171929; Hs.508343	C1QTNF3-AMACR readthrough (NMD candidate) (C1QTNF3-AMACR)
203216_s_at	-2.35	4646	Hs.149387	myosin VI (MYO6)

213664_at	-2.35	6505	Hs.444915	solute carrier family 1 member 1 (SLC1A1)
209157_at	-2.35	10294	Hs.368078	DnaJ heat shock protein family (Hsp40) member A2 (DNAJA2)
200040_at	-2.35	10657	Hs.445893	KH RNA binding domain containing, signal transduction associated 1 (KHDRBS1)
222482_at	-2.35	23648	Hs.658676	single stranded DNA binding protein 3 (SSBP3)
238879_at	-2.35	54165	Hs.744153	defective in cullin neddylation 1 domain containing 1 (DCUN1D1)
222471_s_at	-2.35	56888	Hs.654968	potassium channel modulatory factor 1 (KCMF1)
203830_at	-2.35	64149	Hs.655257	chromosome 17 open reading frame 75 (C17orf75)
218165_at	-2.35	64769	Hs.17118	MYST/Esa1 associated factor 6 (MEAF6)
225341_at	-2.35	80298	Hs.5009	mitochondrial transcription termination factor 2 (MTERF2)
228906_at	-2.35	80312	Hs.567594	tet methylcytosine dioxygenase 1 (TET1)
226767_s_at	-2.35	81889	Hs.513265	fumarylacetoacetate hydrolase domain containing 1 (FAHD1)
1570523_s_at	-2.35	83734	Hs.713698	autophagy related 10 (ATG10)
211967_at	-2.35	114908	Hs.503709	transmembrane protein 123 (TMEM123)
238794_at	-2.35	119392	Hs.93667	SWI5 dependent homologous recombination repair protein 1 (SFR1)
235141_at	-2.35	153562		MARVEL domain containing 2 (MARVELD2)
231871_at	-2.35	160897	Hs.439363	G protein-coupled receptor 180 (GPR180)
209404_s_at	-2.35	100302736	Hs.718838	TMED7-TICAM2 readthrough (TMED7-TICAM2)
1552627_a_at	-2.34	394	Hs.592313	Rho GTPase activating protein 5 (ARHGAP5)
212501_at	-2.34	1051	Hs.719041	CCAAT/enhancer binding protein beta (CEBPB)
212984_at	-2.34	1386	Hs.592510	activating transcription factor 2 (ATF2)
226213_at	-2.34	2065	Hs.118681	erb-b2 receptor tyrosine kinase 3 (ERBB3)
205053_at	-2.34	5557	Hs.534339	primase (DNA) subunit 1 (PRIM1)
206931_at	-2.34	7700	Hs.654355	zinc finger protein 141 (ZNF141)
204048_s_at	-2.34	9749	Hs.102471	phosphatase and actin regulator 2 (PHACTR2)
227348_at	-2.34	25973	Hs.380169	prolyl-tRNA synthetase 2, mitochondrial (putative) (PARS2)
225406_at	-2.34	57045	Hs.514685	twisted gastrulation BMP signaling modulator 1 (TWSG1)
222270_at	-2.34	57223	Hs.516182	protein phosphatase 4 regulatory subunit 3B (PPP4R3B)
221825_at	-2.34	90806	Hs.157078	angel homolog 2 (ANGEL2)
213372_at	-2.34	152559	Hs.657312	progesterone and adipoQ receptor family member 3 (PAQR3)
225603_s_at	-2.34	286144	Hs.440643	triple QxxK/R motif containing (TRIQQ)
209424_s_at	-2.34	100534612	Hs.171929; Hs.508343	C1QTNF3-AMACR readthrough (NMD candidate) (C1QTNF3-AMACR)
217416_x_at	-2.34			
204014_at	-2.33	1846	Hs.417962	dual specificity phosphatase 4 (DUSP4)
208886_at	-2.33	3005	Hs.745024	H1 histone family member 0 (H1F0)
208687_x_at	-2.33	3312	Hs.180414	heat shock protein family A (Hsp70) member 8 (HSPA8)
212195_at	-2.33	3572	Hs.532082	interleukin 6 signal transducer (IL6ST)
207717_s_at	-2.33	5318	Hs.164384	plakophilin 2 (PKP2)
214706_at	-2.33	7752	Hs.632222	zinc finger protein 200 (ZNF200)
203269_at	-2.33	8439	Hs.372000	neutral sphingomyelinase activation associated factor (NSMAF)
210946_at	-2.33	8611	Hs.696231	phospholipid phosphatase 1 (PLPP1)
235333_at	-2.33	9331	Hs.591063	beta-1,4-galactosyltransferase 6 (B4GALT6)

202985_s_at	-2.33	9529	Hs.5443	BCL2 associated athanogene 5 (BAG5)
203690_at	-2.33	10426	Hs.224152	tubulin gamma complex associated protein 3 (TUBGCP3)
209787_s_at	-2.33	10473	Hs.236774	high mobility group nucleosomal binding domain 4 (HMGN4)
213599_at	-2.33	11339	Hs.661645	Opa interacting protein 5 (OIP5)
225930_at	-2.33	28512	Hs.173202	NFKB inhibitor interacting Ras like 1 (NKIRAS1)
225921_at	-2.33	51199	Hs.310429	ninein (NIN)
219060_at	-2.33	55093	Hs.18029	WDYHV motif containing 1 (WDYHV1)
222642_s_at	-2.33	55161	Hs.31082	transmembrane protein 33 (TMEM33)
228460_at	-2.33	57567	Hs.129268	zinc finger protein 319 (ZNF319)
218889_at	-2.33	64318	Hs.74899	NOC3 like DNA replication regulator (NOC3L)
223403_s_at	-2.33	84172	Hs.745127	RNA polymerase I subunit B (POLR1B)
224641_at	-2.33	84248	Hs.277533	forty-two-three domain containing 1 (FYTTD1)
226715_at	-2.33	221937	Hs.487393; Hs.724276	forkhead box K1 (FOXK1)
1563900_at	-2.33	222584	Hs.152423	family with sequence similarity 83 member B (FAM83B)
1554019_s_at	-2.33	285753	Hs.632616	centrosomal protein 57 like 1 (CEP57L1)
224158_s_at	-2.33	286144		triple QxxK/R motif containing (TRIQK)
221787_at	-2.33	387263	Hs.591375	chromosome 6 open reading frame 120 (C6orf120)
237145_at	-2.33	440275		eukaryotic translation initiation factor 2 alpha kinase 4 (EIF2AK4)
201132_at	-2.33	100529097	Hs.432485	RPL36A-HNRNPH2 readthrough (RPL36A-HNRNPH2)
202332_at	-2.33	102800317	Hs.474833	LOC400927-CSNK1E readthrough (LOC400927-CSNK1E)
225342_at	-2.32	205	Hs.10862	adenylate kinase 4 (AK4)
235222_x_at	-2.32	331	Hs.356076	X-linked inhibitor of apoptosis (XIAP)
226185_at	-2.32	1040	Hs.654899	CDP-diacylglycerol synthase 1 (CDS1)
202619_s_at	-2.32	5352	Hs.477866	procollagen-lysine,2-oxoglutarate 5-dioxygenase 2 (PLOD2)
211711_s_at	-2.32	5728	Hs.500466	phosphatase and tensin homolog (PTEN)
226371_at	-2.32	5927	Hs.76272	lysine demethylase 5A (KDM5A)
202172_at	-2.32	7716	Hs.463569	vascular endothelial zinc finger 1 (VEZF1)
212631_at	-2.32	8417	Hs.593148	syntaxin 7 (STX7)
217388_s_at	-2.32	8942	Hs.470126	kynureninase (KYNU)
202128_at	-2.32	9870	Hs.497417	apoptosis resistant E3 ubiquitin protein ligase 1 (AREL1)
203711_s_at	-2.32	26275	Hs.656685	3-hydroxyisobutyryl-CoA hydrolase (HIBCH)
218230_at	-2.32	27236	Hs.416089	ADP ribosylation factor interacting protein 1 (ARFIP1)
223335_at	-2.32	51249	Hs.699548	transmembrane protein 69 (TMEM69)
222925_at	-2.32	51473	Hs.61345	doublecortin domain containing 2 (DCDC2)
222433_at	-2.32	55740	Hs.497893	enabled homolog (Drosophila) (ENAH)
226155_at	-2.32	57700	Hs.192619	family with sequence similarity 160 member B1 (FAM160B1)
224866_at	-2.32	84188	Hs.501991	fatty acyl-CoA reductase 1 (FAR1)
226326_at	-2.32	84333	Hs.500512	polycomb group ring finger 5 (PCGF5)
227875_at	-2.32	90293	Hs.348262	kelch like family member 13 (KLHL13)
227477_at	-2.32	116225	Hs.128096	zinc finger MYND-type containing 19 (ZMYND19)
231839_at	-2.32	201626	Hs.572993	phosphodiesterase 12 (PDE12)
229793_at	-2.32	653308		N-acylsphingosine amidohydrolase 2B (ASAH2B)

228977_at	-2.32	729680	Hs.655142	uncharacterized LOC729680 (LOC729680)
235422_at	-2.32			
235848_x_at	-2.32		Hs.727652	
230619_at	-2.31	405	Hs.632446	aryl hydrocarbon receptor nuclear translocator (ARNT)
209811_at	-2.31	835	Hs.368982	caspase 2 (CASP2)
204645_at	-2.31	905	Hs.744115	cyclin T2 (CCNT2)
223556_at	-2.31	3070	Hs.655830	helicase, lymphoid-specific (HELLS)
212023_s_at	-2.31	4288	Hs.80976	marker of proliferation Ki-67 (MKI67)
224761_at	-2.31	10672	Hs.515018	G protein subunit alpha 13 (GNA13)
209023_s_at	-2.31	10735	Hs.496710	stromal antigen 2 (STAG2)
206016_at	-2.31	28952	Hs.26333	coiled-coil domain containing 22 (CCDC22)
220161_s_at	-2.31	54566	Hs.591901	erythrocyte membrane protein band 4.1 like 4B (EPB41L4B)
223879_s_at	-2.31	55074	Hs.701892	oxidation resistance 1 (OXR1)
222605_at	-2.31	55758	Hs.356399	REST corepressor 3 (RCOR3)
226100_at	-2.31	55904	Hs.592262	lysine methyltransferase 2E (KMT2E)
227653_at	-2.31	57570	Hs.380159	tRNA methyltransferase 5 (TRMT5)
224800_at	-2.31	57590	Hs.368359	WD repeat and FYVE domain containing 1 (WDFY1)
219052_at	-2.31	79803	Hs.125133	HPS6, biogenesis of lysosomal organelles complex 2 subunit 3 (HPS6)
226496_at	-2.31	84186	Hs.654700	zinc finger CCHC-type containing 7 (ZCCHC7)
227100_at	-2.31	145173	Hs.13205	beta 3-glucosyltransferase (B3GLCT)
226140_s_at	-2.31	220213	Hs.499042	OTU deubiquitinase 1 (OTUD1)
223178_s_at	-2.31	221294	Hs.520341	5'-nucleotidase domain containing 1 (NT5DC1)
243026_x_at	-2.3	331	Hs.356076	X-linked inhibitor of apoptosis (XIAP)
201367_s_at	-2.3	678	Hs.503093	ZFP36 ring finger protein like 2 (ZFP36L2)
239761_at	-2.3	2650	Hs.521568	glucosaminyl (N-acetyl) transferase 1, core 2 (GCNT1)
211023_at	-2.3	5162	Hs.161357	pyruvate dehydrogenase (lipoamide) beta (PDHB)
225636_at	-2.3	6773	Hs.530595	signal transducer and activator of transcription 2 (STAT2)
209121_x_at	-2.3	7026	Hs.347991	nuclear receptor subfamily 2 group F member 2 (NR2F2)
201448_at	-2.3	7072	Hs.413123	TIA1 cytotoxic granule associated RNA binding protein (TIA1)
226005_at	-2.3	7326	Hs.741319	ubiquitin conjugating enzyme E2 G1 (UBE2G1)
235315_at	-2.3	8848		TSC22 domain family member 1 (TSC22D1)
221485_at	-2.3	9334	Hs.370487	beta-1,4-galactosyltransferase 5 (B4GALT5)
209711_at	-2.3	23169	Hs.213642	solute carrier family 35 member D1 (SLC35D1)
36612_at	-2.3	23201	Hs.475334	family with sequence similarity 168 member A (FAM168A)
210260_s_at	-2.3	25816	Hs.656274	TNF alpha induced protein 8 (TNFAIP8)
225368_at	-2.3	28996	Hs.731417	homeodomain interacting protein kinase 2 (HIPK2)
221230_s_at	-2.3	51742	Hs.575782	AT-rich interaction domain 4B (ARID4B)
219164_s_at	-2.3	55102	Hs.168241	autophagy related 2B (ATG2B)
226490_at	-2.3	57224	Hs.652741	NHS like 1 (NHSL1)
225725_at	-2.3	64393	Hs.371609	zinc finger matrin-type 3 (ZMAT3)
203870_at	-2.3	64854	Hs.7966	ubiquitin specific peptidase 46 (USP46)
1554667_s_at	-2.3	79828	Hs.135146	methyltransferase like 8 (METTL8)

226963_at	-2.3	91408	Hs.429839	basic transcription factor 3 like 4 (BTF3L4)
203017_s_at	-2.3	117178	Hs.22587	SSX family member 2 interacting protein (SSX2IP)
209403_at	-2.3	101060321	Hs.454716; Hs.569742; Hs.735975	TBC1 domain family member 3G (TBC1D3G)
203397_s_at	-2.29	2591	Hs.170986	polypeptide N-acetylgalactosaminyltransferase 3 (GALNT3)
227376_at	-2.29	2737	Hs.21509	GLI family zinc finger 3 (GLI3)
203075_at	-2.29	4087	Hs.12253	SMAD family member 2 (SMAD2)
208944_at	-2.29	7048	Hs.82028	transforming growth factor beta receptor 2 (TGFB2)
227685_at	-2.29	7110	Hs.267632	TATA element modulatory factor 1 (TMF1)
201266_at	-2.29	7296	Hs.654922	thioredoxin reductase 1 (TXNRD1)
200934_at	-2.29	7913	Hs.484813	DEK proto-oncogene (DEK)
204361_s_at	-2.29	8935	Hs.200770	src kinase associated phosphoprotein 2 (SKAP2)
204492_at	-2.29	9824	Hs.591130	Rho GTPase activating protein 11A (ARHGAP11A)
200994_at	-2.29	10527	Hs.744911	importin 7 (IPO7)
242953_at	-2.29	10780	Hs.235992	zinc finger protein 234 (ZNF234)
203553_s_at	-2.29	11183	Hs.130491	mitogen-activated protein kinase kinase kinase 5 (MAP4K5)
202594_at	-2.29	23484	Hs.146585	leptin receptor overlapping transcript-like 1 (LEPROTL1)
222409_at	-2.29	23603	Hs.330384	coronin 1C (CORO1C)
202478_at	-2.29	28951	Hs.467751	tribbles pseudokinase 2 (TRIB2)
1554251_at	-2.29	50809	Hs.142442	heterochromatin protein 1 binding protein 3 (HP1BP3)
218254_s_at	-2.29	51128	Hs.432984	secretion associated Ras related GTPase 1B (SAR1B)
226529_at	-2.29	54664	Hs.396358	transmembrane protein 106B (TMEM106B)
218156_s_at	-2.29	55720	Hs.388170	TSR1, ribosome maturation factor (TSR1)
226855_at	-2.29	57546	Hs.632214	pyruvate dehydrogenase phosphatase catalytic subunit 2 (PDP2)
202978_s_at	-2.29	58487	Hs.535319	CREB/ATF bZIP transcription factor (CREBZF)
212345_s_at	-2.29	64764	Hs.490273	cAMP responsive element binding protein 3 like 2 (CREB3L2)
218204_s_at	-2.29	79443	Hs.200227	FYVE and coiled-coil domain containing 1 (FYCO1)
225346_at	-2.29	80298	Hs.5009	mitochondrial transcription termination factor 2 (MTERF2)
209476_at	-2.29	81542	Hs.125221	thioredoxin related transmembrane protein 1 (TMX1)
226119_at	-2.29	115294	Hs.671268	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 1 (PCMTD1)
225607_at	-2.29	124808	Hs.579115	coiled-coil domain containing 43 (CCDC43)
221213_s_at	-2.29	145783	Hs.511477	uncharacterized LOC145783 (LOC145783)
1554915_a_at	-2.29	201626	Hs.572993	phosphodiesterase 12 (PDE12)
203324_s_at	-2.28	858	Hs.212332	caveolin 2 (CAV2)
202225_at	-2.28	1398	Hs.461896	CRK proto-oncogene, adaptor protein (CRK)
201111_at	-2.28	1434	Hs.90073	chromosome segregation 1 like (CSE1L)
200798_x_at	-2.28	4170	Hs.632486	BCL2 family apoptosis regulator (MCL1)
225740_x_at	-2.28	4194	Hs.497492	MDM4, p53 regulator (MDM4)
1554365_a_at	-2.28	5527	Hs.368264	protein phosphatase 2 regulatory subunit B'gamma (PPP2R5C)
243259_at	-2.28	6314	Hs.476595	ataxin 7 (ATXN7)
201450_s_at	-2.28	7072	Hs.413123	TIA1 cytotoxic granule associated RNA binding protein (TIA1)

203343_at	-2.28	7358	Hs.572518	UDP-glucose 6-dehydrogenase (UGDH)
216687_x_at	-2.28	7366	Hs.150207	UDP glucuronosyltransferase family 2 member B15 (UGT2B15)
225243_s_at	-2.28	7871	Hs.476432	sarcolemma associated protein (SLMAP)
227036_at	-2.28	9462	Hs.496139	RAS protein activator like 2 (RASAL2)
203155_at	-2.28	9869	Hs.643565	SET domain bifurcated 1 (SETDB1)
209222_s_at	-2.28	9885	Hs.473254	oxysterol binding protein like 2 (OSBPL2)
1556059_s_at	-2.28	23013	Hs.744843	spen family transcriptional repressor (SPEN)
204676_at	-2.28	25880	Hs.513330	transmembrane protein 186 (TMEM186)
219244_s_at	-2.28	26589	Hs.534261	mitochondrial ribosomal protein L46 (MRPL46)
226106_at	-2.28	50862	Hs.44685	ring finger protein 141 (RNF141)
219166_at	-2.28	55172	Hs.231761	dynein axonemal assembly factor 2 (DNAAF2)
221688_s_at	-2.28	55272	Hs.513043	IMP3, U3 small nucleolar ribonucleoprotein (IMP3)
224582_s_at	-2.28	64710	Hs.744865	nuclear casein kinase and cyclin dependent kinase substrate 1 (NUCKS1)
223677_at	-2.28	83734	Hs.713698	autophagy related 10 (ATG10)
232893_at	-2.28	92255	Hs.294103	LMBR1 domain containing 2 (LMBRD2)
234984_at	-2.28	121441	Hs.270084	neural precursor cell expressed, developmentally down-regulated 1 (NEDD1)
229900_at	-2.28	135228	Hs.399891	CD109 molecule (CD109)
225716_at	-2.28	140707		BRI3 binding protein (BRI3BP)
218150_at	-2.28	101929356	Hs.470233	uncharacterized LOC101929356 (LOC101929356)
218092_s_at	-2.27	3267	Hs.352962	ArfGAP with FG repeats 1 (AGFG1)
235103_at	-2.27	4124	Hs.432822	mannosidase alpha class 2A member 1 (MAN2A1)
226377_at	-2.27	4782	Hs.170131	nuclear factor I C (NFIC)
227728_at	-2.27	5494	Hs.130036	protein phosphatase, Mg2+/Mn2+ dependent 1A (PPM1A)
213708_s_at	-2.27	6945	Hs.714749	MLX, MAX dimerization protein (MLX)
202930_s_at	-2.27	8803	Hs.743361	succinate-CoA ligase ADP-forming beta subunit (SUCLA2)
227594_at	-2.27	9204	Hs.729053	zinc finger MYM-type containing 6 (ZMYM6)
201663_s_at	-2.27	10051	Hs.58992	structural maintenance of chromosomes 4 (SMC4)
217738_at	-2.27	10135	Hs.489615	nicotinamide phosphoribosyltransferase (NAMPT)
202277_at	-2.27	10558	Hs.90458	serine palmitoyltransferase long chain base subunit 1 (SPTLC1)
204488_at	-2.27	22845	Hs.531563	dolichol kinase (DOLK)
218238_at	-2.27	23560	Hs.215766	GTP binding protein 4 (GTPBP4)
223376_s_at	-2.27	25798	Hs.567438	brain protein I3 (BRI3)
222235_s_at	-2.27	55454	Hs.657569	chondroitin sulfate N-acetylgalactosaminyltransferase 2 (CSGALNACT2)
219648_at	-2.27	55686	Hs.620391	melanoregulin (MREG)
227790_at	-2.27	90025	Hs.148609	ubiquitin protein ligase E3D (UBE3D)
225679_at	-2.27	122830	Hs.165465	N (alpha)-acetyltransferase 30, NatC catalytic subunit (NAA30)
1552310_at	-2.27	123207	Hs.352541	chromosome 15 open reading frame 40 (C15orf40)
213289_at	-2.27	139322	Hs.512181	apolipoprotein O like (APOOL)
235587_at	-2.27	202781	Hs.193172	PAXIP1 antisense RNA 1 (head to head) (PAXIP1-AS1)
227174_at	-2.27	256764	Hs.122125	WD repeat domain 72 (WDR72)

227049_at	-2.27	284273	Hs.465433	zinc binding alcohol dehydrogenase domain containing 2 (ZADH2)
221479_s_at	-2.26	665	Hs.131226	BCL2 interacting protein 3 like (BNIP3L)
205830_at	-2.26	1047	Hs.86368	calmegin (CLGN)
202160_at	-2.26	1387	Hs.459759	CREB binding protein (CREBBP)
202514_at	-2.26	1739	Hs.292549	discs large MAGUK scaffold protein 1 (DLG1)
204449_at	-2.26	5082	Hs.271749	phosducin like (PDCL)
205226_at	-2.26	5157	Hs.458573	platelet derived growth factor receptor like (PDGFRL)
228499_at	-2.26	5210	Hs.476217	6-phosphofructo-2-kinase/fructose-2,6-biphosphatase 4 (PFKFB4)
215127_s_at	-2.26	5937	Hs.470412	RNA binding motif single stranded interacting protein 1 (RBMS1)
213721_at	-2.26	6657	Hs.518438	SRY-box 2 (SOX2)
224955_at	-2.26	7003	Hs.655331	TEA domain transcription factor 1 (TEAD1)
229123_at	-2.26	7767		zinc finger protein 224 (ZNF224)
212263_at	-2.26	9444	Hs.510324	QKI, KH domain containing RNA binding (QKI)
226477_at	-2.26	9730	Hs.716623	DDB1 and CUL4 associated factor 1 (DCAF1)
202293_at	-2.26	10274	Hs.412586	stromal antigen 1 (STAG1)
212449_s_at	-2.26	10434	Hs.744046	lysophospholipase I (LYPLA1)
212138_at	-2.26	23244	Hs.331431	PDS5 cohesin associated factor A (PDS5A)
212102_s_at	-2.26	23633	Hs.470588	karyopherin subunit alpha 6 (KPNA6)
204496_at	-2.26	29966	Hs.401843	striatin 3 (STRN3)
218446_s_at	-2.26	51030	Hs.87295	trans-golgi network vesicle protein 23 homolog B (TVP23B)
219390_at	-2.26	55033	Hs.390838	FK506 binding protein 14 (FKBP14)
218772_x_at	-2.26	55151	Hs.411925	transmembrane protein 38B (TMEM38B)
205684_s_at	-2.26	55667	Hs.249591	DENN domain containing 4C (DENND4C)
224960_at	-2.26	55681	Hs.506481	SCY1 like pseudokinase 2 (SCYL2)
217758_s_at	-2.26	56889	Hs.500674	transmembrane 9 superfamily member 3 (TM9SF3)
226098_at	-2.26	57560	Hs.478095	intraflagellar transport 80 (IFT80)
212375_at	-2.26	57634	Hs.723478	E1A binding protein p400 (EP400)
225837_at	-2.26	83695	Hs.198853	RAD9-HUS1-RAD1 interacting nuclear orphan 1 (RHNO1)
229194_at	-2.26	84333	Hs.500512	polycomb group ring finger 5 (PCGF5)
225621_at	-2.26	85365	Hs.40919	ALG2, alpha-1,3/1,6-mannosyltransferase (ALG2)
221824_s_at	-2.26	220972	Hs.499489	membrane associated ring-CH-type finger 8 (MARCH8)
228523_at	-2.26	340719	Hs.591918	nanos C2HC-type zinc finger 1 (NANOS1)
227510_x_at	-2.26	378938		metastasis associated lung adenocarcinoma transcript 1 (non-protein coding) (MALAT1)
228027_at	-2.26	100528062	Hs.522729; Hs.731996	ARMCX5-GPRASP2 readthrough (ARMCX5-GPRASP2)
222156_x_at	-2.26	100533483	Hs.285051	DYX1C1-CCPG1 readthrough (NMD candidate) (DYX1C1-CCPG1)
235456_at	-2.26		Hs.130853	
201657_at	-2.25	400	Hs.372616	ADP ribosylation factor like GTPase 1 (ARL1)
224862_at	-2.25	2776	Hs.269782; Hs.594695	G protein subunit alpha q (GNAQ)
221891_x_at	-2.25	3312	Hs.180414	heat shock protein family A (Hsp70) member 8 (HSPA8)
224187_x_at	-2.25	3312	Hs.180414	heat shock protein family A (Hsp70) member 8 (HSPA8)

221760_at	-2.25	4121	Hs.102788	mannosidase alpha class 1A member 1 (MAN1A1)
213123_at	-2.25	4238	Hs.432818	microfibrillar associated protein 3 (MFAP3)
33760_at	-2.25	5195	Hs.149983	peroxisomal biogenesis factor 14 (PEX14)
210621_s_at	-2.25	5921	Hs.664080	RAS p21 protein activator 1 (RASA1)
227422_at	-2.25	6801	Hs.127486	striatin (STRN)
200670_at	-2.25	7494	Hs.437638	X-box binding protein 1 (XBP1)
227531_at	-2.25	9575	Hs.436975	clock circadian regulator (CLOCK)
227073_at	-2.25	10746	Hs.145605	mitogen-activated protein kinase kinase kinase 2 (MAP3K2)
212440_at	-2.25	11017	Hs.54649	small nuclear ribonucleoprotein U4/U6.U5 subunit 27 (SNRNP27)
220183_s_at	-2.25	11162	Hs.558459	nudix hydrolase 6 (NUDT6)
223342_at	-2.25	50484	Hs.512592	ribonucleotide reductase regulatory TP53 inducible subunit M2B (RRM2B)
224592_x_at	-2.25	50809	Hs.142442	heterochromatin protein 1 binding protein 3 (HP1BP3)
203762_s_at	-2.25	51626	Hs.371597	dynein cytoplasmic 2 light intermediate chain 1 (DYNC2LI1)
225492_at	-2.25	55161	Hs.31082	transmembrane protein 33 (TMEM33)
206451_at	-2.25	55171	Hs.518469	TBCC domain containing 1 (TBCCD1)
244183_x_at	-2.25	56132	Hs.674730	protocadherin beta 3 (PCDHB3)
226008_at	-2.25	56160	Hs.94011	NSE3 homolog, SMC5-SMC6 complex component (NSMCE3)
231856_at	-2.25	57221	Hs.194408	ARFGEF family member 3 (ARFGEF3)
223013_at	-2.25	79718	Hs.715026	transducin beta like 1 X-linked receptor 1 (TBL1XR1)
1554555_a_at	-2.25	79918	Hs.731691	SET domain containing 6 (SETD6)
212644_s_at	-2.25	93487	Hs.594338	mitogen-activated protein kinase 1 interacting protein 1 like (MAPK1IP1L)
229522_at	-2.25	93517	Hs.87779	short chain dehydrogenase/reductase family 42E, member 1 (SDR42E1)
222586_s_at	-2.25	114885	Hs.477440	oxysterol binding protein like 11 (OSBPL11)
227374_at	-2.25	124454	Hs.620541	glutamyl-tRNA synthetase 2, mitochondrial (EARS2)
229240_at	-2.25	340481	Hs.714266	zinc finger DHHC-type containing 21 (ZDHHC21)
213388_at	-2.25	100996724		phosphodiesterase 4D interacting protein-like (LOC100996724)
1555888_at	-2.25	101927221	Hs.492445	UBR5 antisense RNA 1 (UBR5-AS1)
213214_x_at	-2.24	60	Hs.514581	actin beta (ACTB)
231953_at	-2.24	2186	Hs.444200	bromodomain PHD finger transcription factor (BPTF)
207178_s_at	-2.24	2444	Hs.89426	fyn related Src family tyrosine kinase (FRK)
236140_at	-2.24	2730	Hs.315562	glutamate-cysteine ligase modifier subunit (GCLM)
209575_at	-2.24	3588	Hs.654593	interleukin 10 receptor subunit beta (IL10RB)
202625_at	-2.24	4067	Hs.491767	LYN proto-oncogene, Src family tyrosine kinase (LYN)
202850_at	-2.24	5825	Hs.700576	ATP binding cassette subfamily D member 3 (ABCD3)
225992_at	-2.24	8028	Hs.30385	myeloid/lymphoid or mixed-lineage leukemia; translocated to, 10 (MLLT10)
201589_at	-2.24	8243	Hs.211602	structural maintenance of chromosomes 1A (SMC1A)
203211_s_at	-2.24	8898	Hs.181326	myotubularin related protein 2 (MTMR2)
202484_s_at	-2.24	8932	Hs.25674	methyl-CpG binding domain protein 2 (MBD2)
209648_x_at	-2.24	9655	Hs.468426	suppressor of cytokine signaling 5 (SOCS5)
206003_at	-2.24	9662	Hs.518767	centrosomal protein 135 (CEP135)

212367_at	-2.24	10116	Hs.362733	fem-1 homolog B (FEM1B)
212474_at	-2.24	23080	Hs.128056	AVL9 cell migration associated (AVL9)
225878_at	-2.24	23095	Hs.97858	kinesin family member 1B (KIF1B)
212927_at	-2.24	23137	Hs.534189	structural maintenance of chromosomes 5 (SMC5)
202919_at	-2.24	25843	Hs.633165	MOB family member 4, phocein (MOB4)
217894_at	-2.24	51133	Hs.335139	potassium channel tetramerization domain containing 3 (KCTD3)
223566_s_at	-2.24	54880	Hs.659681	BCL6 corepressor (BCOR)
219053_s_at	-2.24	55048	Hs.523715	VPS37C, ESCRT-I subunit (VPS37C)
227613_at	-2.24	55422	Hs.185674	zinc finger protein 331 (ZNF331)
234672_s_at	-2.24	55706	Hs.476525	NDC1 transmembrane nucleoporin (NDC1)
227656_at	-2.24	55780	Hs.47546	ER membrane associated RNA degradation (ERMARD)
224786_at	-2.24	60592	Hs.480815	short coiled-coil protein (SCOC)
222844_s_at	-2.24	63826	Hs.461954	serine racemase (SRR)
218199_s_at	-2.24	65083	Hs.493709	nucleolar protein 6 (NOL6)
227518_at	-2.24	79939	Hs.620596	solute carrier family 35 member E1 (SLC35E1)
227180_at	-2.24	79993	Hs.274256	ELOVL fatty acid elongase 7 (ELOVL7)
221897_at	-2.24	84851	Hs.458412	tripartite motif containing 52 (TRIM52)
243309_at	-2.24	145788	Hs.97300	chromosome 15 open reading frame 65 (C15orf65)
224896_s_at	-2.24	150465	Hs.358997	tubulin tyrosine ligase (TTL)
1556180_at	-2.24	729678	Hs.348292	long intergenic non-protein coding RNA 847 (LINC00847)
227356_at	-2.24		Hs.737452	
202603_at	-2.23	102	Hs.578508	ADAM metallopeptidase domain 10 (ADAM10)
226817_at	-2.23	1824	Hs.95612	desmocollin 2 (DSC2)
203123_s_at	-2.23	4891	Hs.505545	solute carrier family 11 member 2 (SLC11A2)
203407_at	-2.23	5493	Hs.192233	periplakin (PPL)
200829_x_at	-2.23	7756	Hs.500775	zinc finger protein 207 (ZNF207)
225472_at	-2.23	7918	Hs.247478	G-patch domain and ankyrin repeats 1 (GPANK1)
204208_at	-2.23	8732	Hs.567378	RNA guanylyltransferase and 5'-phosphatase (RNGTT)
202119_s_at	-2.23	8895	Hs.191219	copine 3 (CPNE3)
202710_at	-2.23	10282	Hs.489132	Bet1 golgi vesicular membrane trafficking protein (BET1)
203528_at	-2.23	10507	Hs.494406	semaphorin 4D (SEMA4D)
218645_at	-2.23	11179	Hs.655904	zinc finger protein 277 (ZNF277)
217997_at	-2.23	22822	Hs.602085	pleckstrin homology like domain family A member 1 (PHLDA1)
214745_at	-2.23	23007	Hs.567423	phospholipase C eta 1 (PLCH1)
226022_at	-2.23	23328	Hs.193133	SAM and SH3 domain containing 1 (SASH1)
218909_at	-2.23	26750	Hs.591416	ribosomal protein S6 kinase C1 (RPS6KC1)
224837_at	-2.23	27086	Hs.59368	forkhead box P1 (FOXP1)
210802_s_at	-2.23	27292	Hs.731665	DIM1 dimethyladenosine transferase 1 homolog (DIMIT1)
241808_at	-2.23	51101	Hs.271876	zinc finger C2HC-type containing 1A (ZC2HC1A)
243852_at	-2.23	51631		LUC7 like 2, pre-mRNA splicing factor (LUC7L2)
227928_at	-2.23	55010	Hs.330663	PARP1 binding protein (PARBP)
1554216_at	-2.23	55610	Hs.202424	VPS50, EARP/GARPII complex subunit (VPS50)
227162_at	-2.23	57684	Hs.5638;	zinc finger and BTB domain containing 26 (ZBTB26)

			Hs.654977	
224947_at	-2.23	79102	Hs.524084	ring finger protein 26 (RNF26)
217226_s_at	-2.23	81855	Hs.283844	sideroflexin 3 (SFXN3)
226541_at	-2.23	84085	Hs.421095	F-box protein 30 (FBXO30)
226829_at	-2.23	84632	Hs.501106	actin filament associated protein 1 like 2 (AFAP1L2)
206405_x_at	-2.23	84669	Hs.448851	ubiquitin specific peptidase 32 (USP32)
224639_at	-2.23	121665	Hs.507087	signal peptide peptidase like 3 (SPPL3)
229610_at	-2.23	150468	Hs.434250	cytoskeleton associated protein 2 like (CKAP2L)
235177_at	-2.23	151194	Hs.664764	methyltransferase like 21A (METTL21A)
225563_at	-2.23	255967	Hs.645015	PAN3 poly (A) specific ribonuclease subunit (PAN3)
227228_s_at	-2.23	440193	Hs.525536	coiled-coil domain containing 88C (CCDC88C)
222136_x_at	-2.23	100287226	Hs.534365	zinc finger protein 729 (ZNF729)
237881_at	-2.23		Hs.653522	
211995_x_at	-2.22	60	Hs.514581	actin beta (ACTB)
215016_x_at	-2.22	667	Hs.604915	dystonin (DST)
224614_at	-2.22	1783	Hs.369068; Hs.644723	dynein cytoplasmic 1 light intermediate chain 2 (DYNC1LI2)
202846_s_at	-2.22	5279	Hs.188456	phosphatidylinositol glycan anchor biosynthesis class C (PIGC)
201877_s_at	-2.22	5527	Hs.368264	protein phosphatase 2 regulatory subunit B'gamma (PPP2R5C)
212628_at	-2.22	5586	Hs.440833	protein kinase N2 (PKN2)
213734_at	-2.22	5985		replication factor C subunit 5 (RFC5)
203983_at	-2.22	7257	Hs.13318	translin associated factor X (TSNAX)
200050_at	-2.22	7705	Hs.643436	zinc finger protein 146 (ZNF146)
202173_s_at	-2.22	7716	Hs.463569	vascular endothelial zinc finger 1 (VEZF1)
201498_at	-2.22	7874	Hs.386939	ubiquitin specific peptidase 7 (USP7)
227003_at	-2.22	9364	Hs.656060	RAB28, member RAS oncogene family (RAB28)
204076_at	-2.22	9583	Hs.444389	ectonucleoside triphosphate diphosphohydrolase 4 (ENTPD4)
208841_s_at	-2.22	9908	Hs.303676	G3BP stress granule assembly factor 2 (G3BP2)
212170_at	-2.22	10137	Hs.700188	RNA binding motif protein 12 (RBM12)
211758_x_at	-2.22	10190	Hs.536122	thioredoxin domain containing 9 (TXNDC9)
213134_x_at	-2.22	10950	Hs.473420	BTG anti-proliferation factor 3 (BTG3)
202466_at	-2.22	11044	Hs.481542	poly (A) RNA polymerase D7, non-canonical (PAPD7)
1565681_s_at	-2.22	22982	Hs.432397	disco interacting protein 2 homolog C (DIP2C)
229287_at	-2.22	22990	Hs.446559	pecanex homolog 1 (Drosophila) (PCNX1)
210658_s_at	-2.22	23062	Hs.460336	golgi associated, gamma adaptin ear containing, ARF binding protein 2 (GGA2)
202272_s_at	-2.22	23219	Hs.64691	F-box protein 28 (FBXO28)
204028_s_at	-2.22	23637	Hs.271341	RAB GTPase activating protein 1 (RABGAP1)
235295_at	-2.22	24145		pannexin 1 (PANX1)
211596_s_at	-2.22	26018	Hs.518055	leucine rich repeats and immunoglobulin like domains 1 (LRIG1)
1554472_a_at	-2.22	51105	Hs.304362	PHD finger protein 20-like 1 (PHF20L1)
219644_at	-2.22	51134	Hs.279209	centrosomal protein 83 (CEP83)
225082_at	-2.22	51692	Hs.515972	cleavage and polyadenylation specific factor 3 (CPSF3)

222794_x_at	-2.22	55149	Hs.173946	mitochondrial poly (A) polymerase (MTPAP)
229676_at	-2.22	55149	Hs.173946	mitochondrial poly (A) polymerase (MTPAP)
235345_at	-2.22	55680	Hs.653144	RUN and FYVE domain containing 2 (RUFY2)
231726_at	-2.22	56122	Hs.658497	protocadherin beta 14 (PCDHB14)
231931_at	-2.22	63977	Hs.473893	PR/SET domain 15 (PRDM15)
218879_s_at	-2.22	64779	Hs.343627	methenyltetrahydrofolate synthetase domain containing (MTHFSD)
201934_at	-2.22	80335	Hs.194110	WD repeat domain 82 (WDR82)
226020_s_at	-2.22	115209	Hs.425769	OMA1 zinc metallopeptidase (OMA1)
235005_at	-2.22	115752	Hs.446251	DIS3 like exosome 3'-5' exoribonuclease (DIS3L)
227813_at	-2.22	152815	Hs.479971	THAP domain containing 6 (THAP6)
219426_at	-2.22	192669	Hs.657659	argonaute 3, RISC catalytic component (AGO3)
225919_s_at	-2.22	203228	Hs.493639	chromosome 9 open reading frame 72 (C9orf72)
226962_at	-2.22	360023	Hs.529439	zinc finger and BTB domain containing 41 (ZBTB41)
1552283_s_at	-2.22	653082	Hs.654874; Hs.732788	zinc finger DHHC-type containing 11B (ZDHHC11B)
221646_s_at	-2.22	653082	Hs.654874; Hs.732788	zinc finger DHHC-type containing 11B (ZDHHC11B)
235174_s_at	-2.22	100128822	Hs.647112	long intergenic non-protein coding RNA 1003 (LINC01003)
207545_s_at	-2.22	101928143	Hs.654609	uncharacterized LOC101928143 (LOC101928143)
229689_s_at	-2.22			
242787_at	-2.22		Hs.665719	
224585_x_at	-2.21	60	Hs.514581	actin beta (ACTB)
40148_at	-2.21	323	Hs.479602	amyloid beta precursor protein binding family B member 2 (APBB2)
203689_s_at	-2.21	2332	Hs.103183	fragile X mental retardation 1 (FMR1)
218880_at	-2.21	2355	Hs.220971	FOS like 2, AP-1 transcription factor subunit (FOSL2)
203319_s_at	-2.21	7707	Hs.592591	zinc finger protein 148 (ZNF148)
234998_at	-2.21	8766	Hs.321541	RAB11A, member RAS oncogene family (RAB11A)
214835_s_at	-2.21	8801	Hs.644919	succinate-CoA ligase GDP-forming beta subunit (SUCLG2)
200791_s_at	-2.21	8826	Hs.430551	IQ motif containing GTPase activating protein 1 (IQGAP1)
202050_s_at	-2.21	9202	Hs.269211	zinc finger MYM-type containing 4 (ZMYM4)
200996_at	-2.21	10096	Hs.433512	ARP3 actin related protein 3 homolog (ACTR3)
217920_at	-2.21	10905	Hs.435938	mannosidase alpha class 1A member 2 (MAN1A2)
202304_at	-2.21	22862	Hs.508010	fibronectin type III domain containing 3A (FNDC3A)
212140_at	-2.21	23244	Hs.331431	PDS5 cohesin associated factor A (PDS5A)
200687_s_at	-2.21	23450	Hs.514435	splicing factor 3b subunit 3 (SF3B3)
229464_at	-2.21	50804	Hs.6638	myelin expression factor 2 (MYEF2)
225690_at	-2.21	51755	Hs.416108	cyclin dependent kinase 12 (CDK12)
218166_s_at	-2.21	51773	Hs.420229	remodeling and spacing factor 1 (RSF1)
236620_at	-2.21	55183	Hs.655671	replication timing regulatory factor 1 (RIF1)
217884_at	-2.21	55226	Hs.577281	N-acetyltransferase 10 (NAT10)
205796_at	-2.21	55346	Hs.655341	t-complex 11 like 1 (TCP11L1)
222610_s_at	-2.21	64766	Hs.440880	S100P binding protein (S100PBP)
214876_s_at	-2.21	114791	Hs.533898	tubulin gamma complex associated protein 5 (TUBGCP5)

226807_at	-2.21	162239	Hs.388813	ZFP1 zinc finger protein (ZFP1)
227687_at	-2.21	219844	Hs.98133	HYLS1, centriolar and ciliogenesis associated (HYLS1)
224738_x_at	-2.21	285855	Hs.520133	ribosomal protein L7 like 1 (RPL7L1)
243042_at	-2.21	374986	Hs.437755	mitoguardin 1 (MIGA1)
226958_s_at	-2.21	400569	Hs.513885	mediator complex subunit 11 (MED11)
232803_at	-2.21			
236607_at	-2.21		Hs.665157	
243299_at	-2.21		Hs.734016	
212985_at	-2.2	323	Hs.479602	amyloid beta precursor protein binding family B member 2 (APBB2)
209187_at	-2.2	1810	Hs.348418	down-regulator of transcription 1 (DR1)
32541_at	-2.2	5533	Hs.731683	protein phosphatase 3 catalytic subunit gamma (PPP3CC)
203600_s_at	-2.2	8603	Hs.652364	family with sequence similarity 193 member A (FAM193A)
205160_at	-2.2	8800	Hs.31034	peroxisomal biogenesis factor 11 alpha (PEX11A)
202051_s_at	-2.2	9202	Hs.269211	zinc finger MYM-type containing 4 (ZMYM4)
202467_s_at	-2.2	9318	Hs.369614	COP9 signalosome subunit 2 (COPS2)
212215_at	-2.2	9581	Hs.444349	prolyl endopeptidase-like (PREPL)
212137_at	-2.2	23367	Hs.292078	La ribonucleoprotein domain family member 1 (LARP1)
214356_s_at	-2.2	23392	Hs.368255	KIAA0368 (KIAA0368)
1555501_s_at	-2.2	51319	Hs.591283	arginine and serine rich coiled-coil 1 (RSRC1)
225814_at	-2.2	54464	Hs.435103	5'-3' exoribonuclease 1 (XRN1)
218273_s_at	-2.2	54704	Hs.22265	pyruvate dehydrogenase phosphatase catalytic subunit 1 (PDP1)
222388_s_at	-2.2	55737	Hs.454528	VPS35, retromer complex component (VPS35)
225589_at	-2.2	57630	Hs.301804	SH3 domain containing ring finger 1 (SH3RF1)
228386_s_at	-2.2	83479	Hs.497332	DEAD-box helicase 59 (DDX59)
235609_at	-2.2	83990	Hs.128903	BRCA1 interacting protein C-terminal helicase 1 (BRIP1)
224850_at	-2.2	84896	Hs.435948	ATPase family, AAA domain containing 1 (ATAD1)
227758_at	-2.2	85004	Hs.199487	RAS like estrogen regulated growth inhibitor (RERG)
225525_at	-2.2	85379	Hs.419171	KIAA1671 (KIAA1671)
225300_at	-2.2	90417	Hs.525796	kinetochore localized astrin/SPAG5 binding protein (KNSTRN)
224747_at	-2.2	92912	Hs.23033	ubiquitin conjugating enzyme E2 Q2 (UBE2Q2)
224650_at	-2.2	114569	Hs.201083	mal, T-cell differentiation protein 2 (gene/pseudogene) (MAL2)
214965_at	-2.2	124044	Hs.374556	spermatogenesis associated 2 like (SPATA2L)
226794_at	-2.2	134957	Hs.86320	syntaxin binding protein 5 (STXBP5)
225252_at	-2.2	140809	Hs.516830	sulfiredoxin 1 (SRXN1)
228916_at	-2.2	143884	Hs.212140	CWF19-like 2, cell cycle control (S. pombe) (CWF19L2)
224881_at	-2.2	154807	Hs.427232	vitamin K epoxide reductase complex subunit 1 like 1 (VKORC1L1)
232693_s_at	-2.2	157574	Hs.435535	F-box protein 16 (FBXO16)
230815_at	-2.2	389765	Hs.715986	kinesin family member 27 pseudogene (LOC389765)
1557948_at	-2.2	653583	Hs.631581	pleckstrin homology like domain family B member 3 (PHLDB3)
212363_x_at	-2.19	60	Hs.514581	actin beta (ACTB)
202190_at	-2.19	1477	Hs.172865	cleavage stimulation factor subunit 1 (CSTF1)
201816_s_at	-2.19	2631	Hs.591069	glioblastoma amplified sequence (GBAS)
201673_s_at	-2.19	2997	Hs.386225	glycogen synthase 1 (GYS1)

202069_s_at	-2.19	3419	Hs.591110	isocitrate dehydrogenase 3 (NAD (+)) alpha (IDH3A)
207847_s_at	-2.19	4582	Hs.89603	mucin 1, cell surface associated (MUC1)
226223_at	-2.19	5074		pro-apoptotic WT1 regulator (PAWR)
222581_at	-2.19	9213	Hs.227656	xenotropic and polytropic retrovirus receptor 1 (XPR1)
204049_s_at	-2.19	9749	Hs.102471	phosphatase and actin regulator 2 (PHACTR2)
239246_at	-2.19	10160	Hs.403917	FERM, ARH/RhoGEF and pleckstrin domain protein 1 (FARP1)
212498_at	-2.19	10299	Hs.432862	membrane associated ring-CH-type finger 6 (MARCH6)
202868_s_at	-2.19	10775	Hs.412870	POP4 homolog, ribonuclease P/MRP subunit (POP4)
219795_at	-2.19	11254	Hs.522109	solute carrier family 6 member 14 (SLC6A14)
204671_s_at	-2.19	22881	Hs.702213	ankyrin repeat domain 6 (ANKRD6)
212306_at	-2.19	23122	Hs.108614	cytoplasmic linker associated protein 2 (CLASP2)
214771_x_at	-2.19	23164	Hs.462341	myosin phosphatase Rho interacting protein (MPRIP)
212747_at	-2.19	23294	Hs.656492	ankyrin repeat and sterile alpha motif domain containing 1A (ANKS1A)
225457_s_at	-2.19	25845	Hs.628088; Hs.719132	uncharacterized LOC25845 (PP7080)
209279_s_at	-2.19	50814	Hs.57698	NAD (P) dependent steroid dehydrogenase-like (NSDHL)
222996_s_at	-2.19	51523	Hs.744933	CXXC finger protein 5 (CXXC5)
218823_s_at	-2.19	54793	Hs.72071	potassium channel tetramerization domain containing 9 (KCTD9)
220060_s_at	-2.19	55010	Hs.330663	PARP1 binding protein (PARPBP)
223307_at	-2.19	83461	Hs.524216	cell division cycle associated 3 (CDCA3)
224465_s_at	-2.19	84305	Hs.505687	PYM homolog 1, exon junction complex associated factor (PYM1)
235435_at	-2.19	132949	Hs.104347	aminoadipate-semialdehyde dehydrogenase (AASDH)
221123_x_at	-2.19	157574	Hs.435535	F-box protein 16 (FBXO16)
227977_at	-2.19	284273	Hs.465433	zinc binding alcohol dehydrogenase domain containing 2 (ZADH2)
235117_at	-2.19	494143	Hs.585944	ChaC cation transport regulator homolog 2 (CHAC2)
243003_at	-2.19		Hs.657736	
244802_at	-2.19			
212988_x_at	-2.18	60	Hs.514581	actin beta (ACTB)
204348_s_at	-2.18	205	Hs.10862	adenylate kinase 4 (AK4)
202613_at	-2.18	1503	Hs.473087	CTP synthase 1 (CTPS1)
201626_at	-2.18	3638	Hs.520819	insulin induced gene 1 (INSIG1)
211953_s_at	-2.18	3843	Hs.712598	importin 5 (IPO5)
209817_at	-2.18	5532	Hs.500067	protein phosphatase 3 catalytic subunit beta (PPP3CB)
210296_s_at	-2.18	5828	Hs.437966	peroxisomal biogenesis factor 2 (PEX2)
203008_x_at	-2.18	10190	Hs.536122	thioredoxin domain containing 9 (TXNDC9)
209357_at	-2.18	10370	Hs.82071	Cbp/p300 interacting transactivator with Glu/Asp rich carboxy-terminal domain 2 (CITED2)
202614_at	-2.18	10463	Hs.479634	solute carrier family 30 member 9 (SLC30A9)
221543_s_at	-2.18	11160	Hs.705490	ER lipid raft associated 2 (ERLIN2)
212184_s_at	-2.18	23118	Hs.269775	TGF-beta activated kinase 1/MAP3K7 binding protein 2 (TAB2)
208999_at	-2.18	23176	Hs.522057	septin 8 (SEPT8)
203765_at	-2.18	25801	Hs.377894	grancalcin (GCA)

210466_s_at	-2.18	26135	Hs.530412	SERPINE1 mRNA binding protein 1 (SERBP1)
223240_at	-2.18	26269	Hs.76917	F-box protein 8 (FBXO8)
220334_at	-2.18	26575	Hs.166313	regulator of G-protein signaling 17 (RGS17)
219470_x_at	-2.18	54619	Hs.596479	cyclin J (CCNJ)
225149_at	-2.18	55795	Hs.508769	PCI domain containing 2 (PCID2)
212686_at	-2.18	57460	Hs.435479	protein phosphatase, Mg2+/Mn2+ dependent 1H (PPM1H)
225595_at	-2.18	58487	Hs.535319	CREB/ATF bZIP transcription factor (CREBZF)
223264_at	-2.18	59274	Hs.513071	mesoderm development candidate 1 (MESDC1)
226247_at	-2.18	59338	Hs.643512	pleckstrin homology domain containing A1 (PLEKHA1)
242586_at	-2.18	83856	Hs.136901	fibronectin type III and SPRY domain containing 1 like (FSD1L)
1567032_s_at	-2.18	90338	Hs.655967	zinc finger protein 160 (ZNF160)
226720_at	-2.18	114825	Hs.744960	PWWP domain containing 2A (PWWP2A)
228398_at	-2.18	123228	Hs.513002	SUMO/sentrin peptidase family member, NEDD8 specific (SEN8)
225950_at	-2.18	142891	Hs.744986	sterile alpha motif domain containing 8 (SAMD8)
212051_at	-2.18	147179		WAS/WASL interacting protein family member 2 (WIPF2)
222631_at	-2.18	285540	Hs.191701	SEPSECS antisense RNA 1 (head to head) (SEPSECS-AS1)
213391_at	-2.18	286148	Hs.567828	dpy-19 like 4 (C. elegans) (DPY19L4)
235068_at	-2.18	340481	Hs.714266	zinc finger DHHC-type containing 21 (ZDHHC21)
225916_at	-2.18	100506639	Hs.535804	uncharacterized LOC100506639 (LOC100506639)
220099_s_at	-2.18	100996928	Hs.731488	C7orf55-LUC7L2 readthrough (C7orf55-LUC7L2)
225756_at	-2.18	102800317	Hs.474833	LOC400927-CSNK1E readthrough (LOC400927-CSNK1E)
229223_at	-2.18			
235363_at	-2.18		Hs.28360	
242691_at	-2.18		Hs.593565	
211684_s_at	-2.17	1781	Hs.546250	dynein cytoplasmic 1 intermediate chain 2 (DYNC1I2)
200603_at	-2.17	5573	Hs.280342	protein kinase cAMP-dependent type I regulatory subunit alpha (PRKAR1A)
201223_s_at	-2.17	5887	Hs.521640	RAD23 homolog B, nucleotide excision repair protein (RAD23B)
204367_at	-2.17	6668	Hs.514276	Sp2 transcription factor (SP2)
209954_x_at	-2.17	6760	Hs.129261	SS18, nBAF chromatin remodeling complex subunit (SS18)
205016_at	-2.17	7039	Hs.170009	transforming growth factor alpha (TGFA)
214948_s_at	-2.17	7110	Hs.530171	TATA element modulatory factor 1 (TMF1)
202749_at	-2.17	7485	Hs.744958	tryptophan rich basic protein (WRB)
205251_at	-2.17	8864	Hs.58756	period circadian clock 2 (PER2)
208896_at	-2.17	8886	Hs.744922	DEAD-box helicase 18 (DDX18)
1554806_a_at	-2.17	26269	Hs.76917	F-box protein 8 (FBXO8)
234405_s_at	-2.17	51808	Hs.744042	phosphorylated adaptor for RNA export (PHAX)
222600_s_at	-2.17	55236	Hs.212774	ubiquitin like modifier activating enzyme 6 (UBA6)
220840_s_at	-2.17	55732	Hs.443551	chromosome 1 open reading frame 112 (C1orf112)
224737_x_at	-2.17	55749	Hs.49853	cell division cycle and apoptosis regulator 1 (CCAR1)
224163_s_at	-2.17	55929	Hs.8008	DNA methyltransferase 1 associated protein 1 (DMAP1)
226771_at	-2.17	57198	Hs.435700	ATPase phospholipid transporting 8B2 (ATP8B2)
225436_at	-2.17	58489	Hs.459072	abhydrolase domain containing 17C (ABHD17C)

221428_s_at	-2.17	79718	Hs.715026	transducin beta like 1 X-linked receptor 1 (TBL1XR1)
244563_at	-2.17	79832	Hs.369368	glutamine and serine rich 1 (QSER1)
229410_at	-2.17	79939	Hs.620596	solute carrier family 35 member E1 (SLC35E1)
1560116_a_at	-2.17	121441	Hs.270084	neural precursor cell expressed, developmentally down-regulated 1 (NEDD1)
227141_at	-2.17	127253	Hs.348411	tRNA-yW synthesizing protein 3 homolog (TYW3)
228073_at	-2.17	140838	Hs.143137	N-acetylneuraminic acid phosphatase (NANP)
229075_at	-2.17	166378	Hs.709648	spermatogenesis associated 5 (SPATA5)
227435_at	-2.17	205717	Hs.632570	upstream transcription factor family member 3 (USF3)
225899_x_at	-2.17	100132062	Hs.356758; Hs.446409; Hs.645398; Hs.652458; Hs.722350; Hs.728864; Hs.732199; Hs.733048; Hs.744076	uncharacterized LOC100132062 (LOC100132062)
224922_at	-2.16	1459	Hs.82201	casein kinase 2 alpha 2 (CSNK2A2)
233059_at	-2.16	3760	Hs.591606	potassium voltage-gated channel subfamily J member 3 (KCNJ3)
218284_at	-2.16	4088	Hs.727986	SMAD family member 3 (SMAD3)
204058_at	-2.16	4199	Hs.21160	malic enzyme 1 (ME1)
221918_at	-2.16	5128	Hs.506415	cyclin dependent kinase 17 (CDK17)
214220_s_at	-2.16	7840	Hs.184720	ALMS1, centrosome and basal body associated protein (ALMS1)
227929_at	-2.16	8825	Hs.586760	lin-7 homolog A, crumbs cell polarity complex component (LIN7A)
227772_at	-2.16	9113	Hs.549084	large tumor suppressor kinase 1 (LATS1)
241925_x_at	-2.16	9194	Hs.88156	solute carrier family 16 member 7 (SLC16A7)
201083_s_at	-2.16	9774	Hs.486542	BCL2 associated transcription factor 1 (BCLAF1)
209221_s_at	-2.16	9885	Hs.473254	oxysterol binding protein like 2 (OSBPL2)
236233_at	-2.16	22954	Hs.591910	tripartite motif containing 32 (TRIM32)
209845_at	-2.16	23608	Hs.744883	makorin ring finger protein 1 (MKRN1)
222258_s_at	-2.16	23677	Hs.516777	SH3 domain binding protein 4 (SH3BP4)
209282_at	-2.16	25865	Hs.466987	protein kinase D2 (PRKD2)
209630_s_at	-2.16	26190	Hs.494985	F-box and WD repeat domain containing 2 (FBXW2)
214163_at	-2.16	51668	Hs.525462	heat shock protein family B (small) member 11 (HSPB11)
218040_at	-2.16	55119	Hs.342307	pre-mRNA processing factor 38B (PRPF38B)
212406_s_at	-2.16	55251	Hs.744845	protein-L-isoaspartate (D-aspartate) O-methyltransferase domain containing 2 (PCMTD2)
212010_s_at	-2.16	55573	Hs.518265	CDV3 homolog (CDV3)
222531_s_at	-2.16	55745	Hs.597349	adaptor related protein complex 5 mu 1 subunit (AP5M1)
212095_s_at	-2.16	57509	Hs.7946	microtubule associated tumor suppressor 1 (MTUS1)
223474_at	-2.16	64207	Hs.179260	interferon regulatory factor 2 binding protein like (IRF2BPL)
222699_s_at	-2.16	79666	Hs.29724	pleckstrin homology and FYVE domain containing 2 (PLEKHF2)
235035_at	-2.16	79939	Hs.620596	solute carrier family 35 member E1 (SLC35E1)

1552304_at	-2.16	84920	Hs.102971	ALG10, alpha-1,2-glucosyltransferase (ALG10)
242915_at	-2.16	91120	Hs.306298	zinc finger protein 682 (ZNF682)
207606_s_at	-2.16	94134	Hs.499264	Rho GTPase activating protein 12 (ARHGAP12)
238335_at	-2.16	134218	Hs.131887	DnaJ heat shock protein family (Hsp40) member C21 (DNAJC21)
225005_at	-2.16	148479	Hs.516079	PHD finger protein 13 (PHF13)
227037_at	-2.16	201163	Hs.729079	folliculin (FLCN)
212341_at	-2.16	286451	Hs.82719	Yip1 domain family member 6 (YIPF6)
242136_x_at	-2.16	403340	Hs.572501	C-terminal binding protein 2 pseudogene (MGC70870)
238598_s_at	-2.16		Hs.657085	
242909_at	-2.16		Hs.633921	
204962_s_at	-2.15	1058	Hs.1594	centromere protein A (CENPA)
212338_at	-2.15	4642	Hs.602063	myosin ID (MYO1D)
225429_at	-2.15	5537	Hs.744091	protein phosphatase 6 catalytic subunit (PPP6C)
223598_at	-2.15	5887	Hs.521640	RAD23 homolog B, nucleotide excision repair protein (RAD23B)
202566_s_at	-2.15	6840	Hs.499209	supervillin (SVIL)
205376_at	-2.15	8821	Hs.531403	inositol polyphosphate-4-phosphatase type II B (INPP4B)
225198_at	-2.15	9218	Hs.165195	VAMP associated protein A (VAPA)
221484_at	-2.15	9334	Hs.370487	beta-1,4-galactosyltransferase 5 (B4GALT5)
203207_s_at	-2.15	9650	Hs.584788	mitochondrial fission regulator 1 (MTFR1)
201225_s_at	-2.15	10250	Hs.18192	serine and arginine repetitive matrix 1 (SRRM1)
203250_at	-2.15	22828	Hs.591329	SR-related CTD associated factor 8 (SCAF8)
1554479_a_at	-2.15	22900	Hs.446146	caspase recruitment domain family member 8 (CARD8)
203427_at	-2.15	25842	Hs.292316	anti-silencing function 1A histone chaperone (ASF1A)
225796_at	-2.15	54899	Hs.190544	PX domain containing serine/threonine kinase like (PXK)
218521_s_at	-2.15	55284	Hs.128841	ubiquitin conjugating enzyme E2 W (putative) (UBE2W)
220176_at	-2.15	80224	Hs.288981	nucleotide binding protein like (NUBPL)
1553099_at	-2.15	200765	Hs.211823	tigger transposable element derived 1 (TIGD1)
228299_at	-2.15	222658	Hs.188757	potassium channel tetramerization domain containing 20 (KCTD20)
1562921_at	-2.15	101927279	Hs.623922	EP300 antisense RNA 1 (EP300-AS1)
235451_at	-2.14	4090	Hs.167700	SMAD family member 5 (SMAD5)
236814_at	-2.14	4194	Hs.497492	MDM4, p53 regulator (MDM4)
205395_s_at	-2.14	4361	Hs.192649	MRE11 homolog, double strand break repair nuclease (MRE11)
222182_s_at	-2.14	4848	Hs.133350	CCR4-NOT transcription complex subunit 2 (CNOT2)
202789_at	-2.14	5335	Hs.268177	phospholipase C gamma 1 (PLCG1)
214140_at	-2.14	8034	Hs.180408	solute carrier family 25 member 16 (SLC25A16)
221556_at	-2.14	8555	Hs.40582	cell division cycle 14B (CDC14B)
221577_x_at	-2.14	9518	Hs.616962	growth differentiation factor 15 (GDF15)
201961_s_at	-2.14	10193	Hs.524502	ring finger protein 41 (RNF41)
218748_s_at	-2.14	10640	Hs.743987	exocyst complex component 5 (EXOC5)
201054_at	-2.14	10949	Hs.96996	heterogeneous nuclear ribonucleoprotein A0 (HNRNPA0)
64418_at	-2.14	11276	Hs.594647	synergism gamma (SYNRG)
226025_at	-2.14	23243	Hs.335239	ankyrin repeat domain 28 (ANKRD28)
203593_at	-2.14	23607	Hs.485518	CD2 associated protein (CD2AP)

213246_at	-2.14	26175	Hs.275352	transmembrane protein 251 (TMEM251)
222646_s_at	-2.14	30001	Hs.592304	endoplasmic reticulum oxidoreductase 1 alpha (ERO1A)
229074_at	-2.14	30844		EH domain containing 4 (EHD4)
202194_at	-2.14	50999	Hs.482873	transmembrane p24 trafficking protein 5 (TMED5)
223490_s_at	-2.14	51010	Hs.602571	exosome component 3 (EXOSC3)
222582_at	-2.14	51422	Hs.647072	protein kinase AMP-activated non-catalytic subunit gamma 2 (PRKAG2)
219130_at	-2.14	54482	Hs.729095	tRNA methyltransferase 13 homolog (TRMT13)
222127_s_at	-2.14	55763	Hs.269665	exocyst complex component 1 (EXOC1)
204706_at	-2.14	56623	Hs.120998	inositol polyphosphate-5-phosphatase E (INPP5E)
225018_at	-2.14	56907	Hs.515283	spire type actin nucleation factor 1 (SPIRE1)
227034_at	-2.14	65124	Hs.355455	sosondowah ankyrin repeat domain family member C (SOWAHC)
221208_s_at	-2.14	79684	Hs.146079	Myb/SANT DNA binding domain containing 2 (MSANTD2)
222369_at	-2.14	79829	Hs.523753	N (alpha)-acetyltransferase 40, NatD catalytic subunit (NAA40)
221002_s_at	-2.14	81619	Hs.718943	tetraspanin 14 (TSPAN14)
212992_at	-2.14	113146	Hs.441783	AHNAK nucleoprotein 2 (AHNAK2)
241826_x_at	-2.14	148203	Hs.124384	zinc finger protein 738 (ZNF738)
242546_at	-2.14	503639		double homeobox A pseudogene 10 (DUXAP10)
236480_at	-2.14	100506211	Hs.446388	MIR210 host gene (MIR210HG)
227274_at	-2.14	100529257	Hs.443661	SYNJ2BP-COX16 readthrough (SYNJ2BP-COX16)
220549_at	-2.14	100861412	Hs.30561; Hs.744229	fibrinogen silencer binding protein (FSBP)
209206_at	-2.14	102724364		vesicle-trafficking protein SEC22b-like (LOC102724364)
215096_s_at	-2.13	2098	Hs.432491	esterase D (ESD)
1554740_a_at	-2.13	3652	Hs.744252	intracisternal A particle-promoted polypeptide (IPP)
204555_s_at	-2.13	5509	Hs.42215	protein phosphatase 1 regulatory subunit 3D (PPP1R3D)
203266_s_at	-2.13	6416	Hs.514681	mitogen-activated protein kinase kinase 4 (MAP2K4)
222985_at	-2.13	7532	Hs.744840	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein gamma (YWHAG)
203544_s_at	-2.13	8027	Hs.335391	signal transducing adaptor molecule (STAM)
212152_x_at	-2.13	8289	Hs.468972	AT-rich interaction domain 1A (ARID1A)
204510_at	-2.13	8317	Hs.533573	cell division cycle 7 (CDC7)
210807_s_at	-2.13	9194	Hs.88156	solute carrier family 16 member 7 (SLC16A7)
223492_s_at	-2.13	9208	Hs.471779	LRR binding FLII interacting protein 1 (LRRFIP1)
206316_s_at	-2.13	9735	Hs.300559	kinetochore associated 1 (KNTC1)
204799_at	-2.13	9889	Hs.475208	zinc finger BED-type containing 4 (ZBED4)
214705_at	-2.13	10207	Hs.478125	PATJ, crumbs cell polarity complex component (PATJ)
208766_s_at	-2.13	10236	Hs.373763	heterogeneous nuclear ribonucleoprotein R (HNRNPR)
211009_s_at	-2.13	10778	Hs.314246	zinc finger protein 271, pseudogene (ZNF271P)
212057_at	-2.13	23199	Hs.461647	Gse1 coiled-coil protein (GSE1)
221207_s_at	-2.13	26960	Hs.491172	neurobeachin (NBEA)
218036_x_at	-2.13	51068	Hs.598836	NMD3 ribosome export adaptor (NMD3)
218096_at	-2.13	55326	Hs.624002	1-acylglycerol-3-phosphate O-acyltransferase 5 (AGPAT5)

205004_at	-2.13	55922	Hs.437084	NFKB repressing factor (NKRF)
223162_s_at	-2.13	57189	Hs.521240	KIAA1147 (KIAA1147)
224746_at	-2.13	57648	Hs.591502	KIAA1522 (KIAA1522)
218842_at	-2.13	79657	Hs.437855	RNA polymerase II associated protein 3 (RPAP3)
224905_at	-2.13	80232	Hs.497873	WD repeat domain 26 (WDR26)
221024_s_at	-2.13	81031	Hs.305971	solute carrier family 2 member 10 (SLC2A10)
228868_x_at	-2.13	81620	Hs.122908	chromatin licensing and DNA replication factor 1 (CDT1)
1552486_s_at	-2.13	114294	Hs.410388	lactamase beta (LACTB)
225479_at	-2.13	116064		leucine rich repeat containing 58 (LRRC58)
225808_at	-2.13	124512	Hs.74655	methyltransferase like 23 (METTL23)
227017_at	-2.13	157697	Hs.655310	glutamate rich 1 (ERICH1)
214949_at	-2.13		Hs.530171	
205371_s_at	-2.12	1629	Hs.709187	dihydrolipoamide branched chain transacylase E2 (DBT)
210132_at	-2.12	1944	Hs.516656	ephrin A3 (EFNA3)
202722_s_at	-2.12	2673	Hs.580300	glutamine--fructose-6-phosphate transaminase 1 (GFPT1)
201501_s_at	-2.12	2926	Hs.309763	G-rich RNA sequence binding factor 1 (GRSF1)
221503_s_at	-2.12	3839	Hs.527919	karyopherin subunit alpha 3 (KPNA3)
226285_at	-2.12	4076	Hs.471818	cell cycle associated protein 1 (CAPRIN1)
214969_at	-2.12	4293	Hs.593542	mitogen-activated protein kinase kinase kinase 9 (MAP3K9)
201472_at	-2.12	7411	Hs.436803	VHL binding protein 1 (VBP1)
202663_at	-2.12	7456	Hs.128067	WAS/WASL interacting protein family member 1 (WIPF1)
1557953_at	-2.12	7586	Hs.615360	zinc finger with KRAB and SCAN domains 1 (ZKSCAN1)
224696_s_at	-2.12	8816	Hs.509780	DDB1 and CUL4 associated factor 5 (DCAF5)
201631_s_at	-2.12	8870	Hs.76095	immediate early response 3 (IER3)
202889_x_at	-2.12	9053	Hs.486548	microtubule associated protein 7 (MAP7)
209647_s_at	-2.12	9655	Hs.468426	suppressor of cytokine signaling 5 (SOCS5)
229648_at	-2.12	9743	Hs.440379	Rho GTPase activating protein 32 (ARHGAP32)
201701_s_at	-2.12	10424	Hs.507910	progesterone receptor membrane component 2 (PGRMC2)
209989_at	-2.12	10795	Hs.124047	zinc finger protein 268 (ZNF268)
224315_at	-2.12	11218	Hs.591405	DEAD-box helicase 20 (DDX20)
212325_at	-2.12	22998	Hs.335163	LIM and calponin homology domains 1 (LIMCH1)
201997_s_at	-2.12	23013	Hs.744843	spen family transcriptional repressor (SPEN)
212467_at	-2.12	23317	Hs.12707	DnaJ heat shock protein family (Hsp40) member C13 (DNAJC13)
218558_s_at	-2.12	54148	Hs.420696	mitochondrial ribosomal protein L39 (MRPL39)
239525_at	-2.12	55917	Hs.744100	CTTNBP2 N-terminal like (CTTNBP2NL)
220104_at	-2.12	56829	Hs.133512	zinc finger CCCH-type containing, antiviral 1 (ZC3HAV1)
226202_at	-2.12	57541	Hs.632032	zinc finger protein 398 (ZNF398)
218668_s_at	-2.12	57826	Hs.119889	RAP2C, member of RAS oncogene family (RAP2C)
223169_s_at	-2.12	58480	Hs.647774	ras homolog family member U (RHOU)
233841_s_at	-2.12	64426	Hs.416630	SDS3 homolog, SIN3A corepressor complex component (SUDS3)
204215_at	-2.12	79161	Hs.619593	transmembrane protein 243 (TMEM243)
222808_at	-2.12	79868	Hs.443061	ALG13, UDP-N-acetylglucosaminyltransferase subunit (ALG13)

231121_at	-2.12	84343	Hs.591311	HPS3, biogenesis of lysosomal organelles complex 2 subunit 1 (HPS3)
226865_at	-2.12	84898	Hs.658134	plexin domain containing 2 (PLXDC2)
238867_at	-2.12	130827	Hs.436203	transmembrane protein 182 (TMEM182)
235955_at	-2.12	153562	Hs.657687	MARVEL domain containing 2 (MARVELD2)
224492_s_at	-2.12	199692	Hs.526665	zinc finger protein 627 (ZNF627)
213471_at	-2.12	261734	Hs.462348	nephrocystin 4 (NPHP4)
229526_at	-2.12	282679	Hs.503345	aquaporin 11 (AQP11)
202359_s_at	-2.12	399979	Hs.444024	sorting nexin 19 (SNX19)
1566558_x_at	-2.12	440465	Hs.448889	BAIAP2 antisense RNA 1 (head to head) (BAIAP2-AS1)
1559343_at	-2.12	100033416	Hs.632166	small nucleolar RNA, C/D box 116-4 (SNORD116-4)
219395_at	-2.12	102466194	Hs.592053	microRNA 6773 (MIR6773)
1560271_at	-2.12		Hs.683603	
235028_at	-2.12		Hs.386042	
235473_at	-2.12		Hs.732942	
242191_at	-2.12			
220668_s_at	-2.11	1789	Hs.713611	DNA methyltransferase 3 beta (DNMT3B)
210007_s_at	-2.11	2820	Hs.512382	glycerol-3-phosphate dehydrogenase 2 (GPD2)
205842_s_at	-2.11	3717	Hs.656213	Janus kinase 2 (JAK2)
203039_s_at	-2.11	4719	Hs.471207	NADH:ubiquinone oxidoreductase core subunit S1 (NDUFS1)
217798_at	-2.11	4848	Hs.133350	CCR4-NOT transcription complex subunit 2 (CNOT2)
213677_s_at	-2.11	5378	Hs.111749	PMS1 homolog 1, mismatch repair system component (PMS1)
201837_s_at	-2.11	9913	Hs.6232	SPT7-like STAGA complex gamma subunit (SUPT7L)
219767_s_at	-2.11	9946	Hs.352671	crystallin zeta like 1 (CRYZL1)
213292_s_at	-2.11	23161	Hs.487648	sorting nexin 13 (SNX13)
227031_at	-2.11	23161	Hs.487648	sorting nexin 13 (SNX13)
229303_at	-2.11	23451		splicing factor 3b subunit 1 (SF3B1)
217725_x_at	-2.11	26135	Hs.530412	SERPINE1 mRNA binding protein 1 (SERBP1)
223068_at	-2.11	27436	Hs.713173	echinoderm microtubule associated protein like 4 (EML4)
223486_at	-2.11	29083	Hs.127496	GTP binding protein 8 (putative) (GTPBP8)
217965_s_at	-2.11	29115	Hs.655088	SAP30 binding protein (SAP30BP)
242335_at	-2.11	51312		solute carrier family 25 member 37 (SLC25A37)
208883_at	-2.11	51366	Hs.492445	ubiquitin protein ligase E3 component n-recognin 5 (UBR5)
219979_s_at	-2.11	51501	Hs.283322	Hikeshi, heat shock protein nuclear import factor (HIKESHI)
223047_at	-2.11	54918	Hs.380627	CKLF like MARVEL transmembrane domain containing 6 (CMTM6)
205510_s_at	-2.11	55056	Hs.511316	uncharacterized protein FLJ10038 (FLJ10038)
222744_s_at	-2.11	55217	Hs.133321	trimethyllysine hydroxylase, epsilon (TMLHE)
220295_x_at	-2.11	55635	Hs.445098	DEP domain containing 1 (DEPDC1)
1558956_s_at	-2.11	57560	Hs.478095	intraflagellar transport 80 (IFT80)
227638_at	-2.11	57724	Hs.514843	ectopic P-granules autophagy protein 5 homolog (EPG5)
226580_at	-2.11	84312	Hs.525299	breast cancer metastasis-suppressor 1-like (BRMS1L)
226087_at	-2.11	84328	Hs.327252	leucine zipper and CTNNBIP1 domain containing (LZIC)

227247_at	-2.11	84725	Hs.233495	pleckstrin homology domain containing A8 (PLEKHA8)
236248_x_at	-2.11	93624	Hs.518614	transcriptional adaptor 2B (TADA2B)
1553229_at	-2.11	137209	Hs.175350	zinc finger protein 572 (ZNF572)
232087_at	-2.11	256643	Hs.28896	chromosome X open reading frame 23 (CXorf23)
226995_at	-2.11	642852	Hs.11637	uncharacterized LOC642852 (LOC642852)
226943_at	-2.11	728568	Hs.42547	chromosome 12 open reading frame 73 (C12orf73)
1567997_x_at	-2.11			
243030_at	-2.11			
209122_at	-2.1	123	Hs.3416	perilipin 2 (PLIN2)
224996_at	-2.1	444	Hs.332422	aspartate beta-hydroxylase (ASPH)
204826_at	-2.1	899	Hs.1973	cyclin F (CCNF)
216942_s_at	-2.1	965	Hs.34341	CD58 molecule (CD58)
209271_at	-2.1	2186	Hs.444200	bromodomain PHD finger transcription factor (BPTF)
225330_at	-2.1	3480	Hs.643120	insulin like growth factor 1 receptor (IGF1R)
225267_at	-2.1	3840	Hs.467866	karyopherin subunit alpha 4 (KPNA4)
201873_s_at	-2.1	6059	Hs.12013	ATP binding cassette subfamily E member 1 (ABCE1)
201074_at	-2.1	6599	Hs.476179	SWI/SNF related, matrix associated, actin dependent regulator of chromatin subfamily c member 1 (SMARCC1)
211665_s_at	-2.1	6655	Hs.291533	SOS Ras/Rho guanine nucleotide exchange factor 2 (SOS2)
213532_at	-2.1	6868		ADAM metalloproteinase domain 17 (ADAM17)
213046_at	-2.1	8106		poly (A) binding protein nuclear 1 (PABPN1)
212632_at	-2.1	8417	Hs.593148	syntaxin 7 (STX7)
227447_at	-2.1	23517	Hs.274531	Ski2 like RNA helicase 2 (SKIV2L2)
204700_x_at	-2.1	27042	Hs.194754	digestive organ expansion factor homolog (zebrafish) (DIEXF)
219028_at	-2.1	28996	Hs.731417	homeodomain interacting protein kinase 2 (HIPK2)
225813_at	-2.1	54542	Hs.709775	ring finger and CCCH-type domains 2 (RC3H2)
217900_at	-2.1	55699	Hs.262823	isoleucyl-tRNA synthetase 2, mitochondrial (IARS2)
222683_at	-2.1	56254	Hs.729085	ring finger protein 20 (RNF20)
218277_s_at	-2.1	79665	Hs.29403	DEAH-box helicase 40 (DHX40)
219681_s_at	-2.1	80223	Hs.191179; Hs.662027	RAB11 family interacting protein 1 (RAB11FIP1)
226114_at	-2.1	80818	Hs.293798	zinc finger protein 436 (ZNF436)
232481_s_at	-2.1	84189	Hs.525105	SLIT and NTRK like family member 6 (SLITRK6)
225384_at	-2.1	85440	Hs.744927	dedicator of cytokinesis 7 (DOCK7)
238695_s_at	-2.1	116442	Hs.632832	RAB39B, member RAS oncogene family (RAB39B)
227840_at	-2.1	130355	Hs.99488	chromosome 2 open reading frame 76 (C2orf76)
225469_at	-2.1	144363	Hs.209151	electron transfer flavoprotein regulatory factor 1 (ETFRF1)
223216_x_at	-2.1	157574	Hs.435535	F-box protein 16 (FBXO16)
225564_at	-2.1	221178	Hs.595391	spermatogenesis associated 13 (SPATA13)
212989_at	-2.1	259230	Hs.654698	sphingomyelin synthase 1 (SGMS1)
225659_at	-2.1	339745	Hs.333297	speckle type BTB/POZ protein like (SPOPL)
235152_at	-2.1	101927204	Hs.659259	uncharacterized LOC101927204 (LOC101927204)
32723_at	-2.09	1477	Hs.172865	cleavage stimulation factor subunit 1 (CSTF1)

1562836_at	-2.09	1656	Hs.408461	DEAD-box helicase 6 (DDX6)
210005_at	-2.09	2618	Hs.473648	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase (GART)
211538_s_at	-2.09	3306	Hs.432648	heat shock protein family A (Hsp70) member 2 (HSPA2)
214077_x_at	-2.09	4213	Hs.356135	Meis homeobox 3 pseudogene 1 (MEIS3P1)
226981_at	-2.09	4297	Hs.258855	lysine methyltransferase 2A (KMT2A)
212372_at	-2.09	4628	Hs.16355	myosin heavy chain 10 (MYH10)
203432_at	-2.09	7112	Hs.11355	thymopoietin (TMPO)
225263_at	-2.09	9394	Hs.512841	heparan sulfate 6-O-sulfotransferase 1 (HS6ST1)
226052_at	-2.09	23476		bromodomain containing 4 (BRD4)
218963_s_at	-2.09	25984	Hs.9029	keratin 23 (KRT23)
227026_at	-2.09	54737	Hs.269654	M-phase phosphoprotein 8 (MPHOSPH8)
222708_s_at	-2.09	55014	Hs.704031	syntaxin 17 (STX17)
219531_at	-2.09	55722	Hs.591741	centrosomal protein 72 (CEP72)
226033_at	-2.09	57478	Hs.183817	ubiquitin specific peptidase 31 (USP31)
223311_s_at	-2.09	57504	Hs.435413	metastasis associated 1 family member 3 (MTA3)
216262_s_at	-2.09	60436	Hs.632264	TGFB induced factor homeobox 2 (TGIF2)
219805_at	-2.09	63932	Hs.248572	chromosome X open reading frame 56 (CXorf56)
237444_at	-2.09	63971		kinesin family member 13A (KIF13A)
222119_s_at	-2.09	80204	Hs.352677	F-box protein 11 (FBXO11)
218897_at	-2.09	80775	Hs.439991	transmembrane protein 177 (TMEM177)
225317_at	-2.09	84320	Hs.200051	acyl-CoA binding domain containing 6 (ACBD6)
224480_s_at	-2.09	84803	Hs.99196	glycerol-3-phosphate acyltransferase 3 (GPAT3)
244745_at	-2.09	85004	Hs.199487	RAS like estrogen regulated growth inhibitor (RERG)
1552330_at	-2.09	92806	Hs.513832	CENPB DNA-binding domain containing 1 (CENPBD1)
212199_at	-2.09	114932	Hs.593159	Morf4 family associated protein 1 like 1 (MRFAP1L1)
226493_at	-2.09	130535	Hs.605775	potassium channel tetramerization domain containing 18 (KCTD18)
225224_at	-2.09	140688	Hs.516978	nucleolar protein 4 like (NOL4L)
228582_x_at	-2.09	378938	Hs.621695	metastasis associated lung adenocarcinoma transcript 1 (non-protein coding) (MALAT1)
231808_at	-2.09	729082	Hs.380164	OIP5 antisense RNA 1 (OIP5-AS1)
221847_at	-2.09	100129361	Hs.521817	small integral membrane protein 10 like 1 (SMIM10L1)
1554020_at	-2.08	636		BICD cargo adaptor 1 (BICD1)
227579_at	-2.08	2241	Hs.221472	FER tyrosine kinase (FER)
202581_at	-2.08	3303	Hs.274402; Hs.719966	heat shock protein family A (Hsp70) member 1A (HSPA1A)
241434_at	-2.08	3652		intracisternal A particle-promoted polypeptide (IPP)
210216_x_at	-2.08	5810	Hs.38114	RAD1 checkpoint DNA exonuclease (RAD1)
203313_s_at	-2.08	7050	Hs.373550	TGFB induced factor homeobox 1 (TGIF1)
205408_at	-2.08	8028	Hs.30385	myeloid/lymphoid or mixed-lineage leukemia; translocated to, 10 (MLLT10)
229800_at	-2.08	9201	Hs.507755	doublecortin like kinase 1 (DCLK1)
200851_s_at	-2.08	9798	Hs.232194	IST1, ESCRT-III associated factor (IST1)

202579_x_at	-2.08	10473	Hs.236774	high mobility group nucleosomal binding domain 4 (HMGN4)
209786_at	-2.08	10473	Hs.236774	high mobility group nucleosomal binding domain 4 (HMGN4)
205036_at	-2.08	11157	Hs.190520	LSM6 homolog, U6 small nuclear RNA and mRNA degradation associated (LSM6)
224787_s_at	-2.08	22931	Hs.406799	RAB18, member RAS oncogene family (RAB18)
213390_at	-2.08	23211	Hs.104661	zinc finger CCCH-type containing 4 (ZC3H4)
217976_s_at	-2.08	51143	Hs.529495	dynein cytoplasmic 1 light intermediate chain 1 (DYNC1LI1)
202552_s_at	-2.08	51232	Hs.699247	cysteine rich transmembrane BMP regulator 1 (CRIM1)
221094_s_at	-2.08	55140	Hs.491336	elongator acetyltransferase complex subunit 3 (ELP3)
226574_at	-2.08	55269	Hs.213198	paraspeckle component 1 (PSPC1)
218986_s_at	-2.08	55601	Hs.591710	DExD/H-box helicase 60 (DDX60)
65493_at	-2.08	63897	Hs.591183	HEAT repeat containing 6 (HEATR6)
218265_at	-2.08	79048	Hs.59804	SECIS binding protein 2 (SECISBP2)
243948_at	-2.08	79882		zinc finger CCCH-type containing 14 (ZC3H14)
223591_at	-2.08	84282	Hs.29874	ring finger protein 135 (RNF135)
223611_s_at	-2.08	84708	Hs.518760	ligand of numb-protein X 1 (LNX1)
225991_at	-2.08	90407	Hs.692209	transmembrane protein 41A (TMEM41A)
225490_at	-2.08	196528	Hs.317304	AT-rich interaction domain 2 (ARID2)
232038_at	-2.08	221322	Hs.121396	TBC1 domain family member 32 (TBC1D32)
1555905_a_at	-2.08	285343	Hs.55131	T-cell activation inhibitor, mitochondrial (TCAIM)
211704_s_at	-2.08	474343	Hs.460725; Hs.745094	spindlin family member 2B (SPIN2B)
228235_at	-2.08	494336	Hs.416379	microRNA 424 (MIR424)
1558750_a_at	-2.08	100288637	Hs.668950	OTU deubiquitinase 7A pseudogene (LOC100288637)
236595_at	-2.08	101928152		uncharacterized LOC101928152 (LOC101928152)
230296_at	-2.08	101930115	Hs.498890	von Willebrand factor A domain-containing protein 3A (LOC101930115)
228196_s_at	-2.08		Hs.721442	
242073_at	-2.08			
202502_at	-2.07	34	Hs.445040	acyl-CoA dehydrogenase, C-4 to C-12 straight chain (ACADM)
211983_x_at	-2.07	60	Hs.514581	actin beta (ACTB)
213860_x_at	-2.07	1452	Hs.529862; Hs.712555	casein kinase 1 alpha 1 (CSNK1A1)
203577_at	-2.07	2968	Hs.485070	general transcription factor IIH subunit 4 (GTF2H4)
202540_s_at	-2.07	3156	Hs.628096	3-hydroxy-3-methylglutaryl-CoA reductase (HMGCR)
213009_s_at	-2.07	4591	Hs.579079	tripartite motif containing 37 (TRIM37)
201037_at	-2.07	5214	Hs.26010	phosphofructokinase, platelet (PFKP)
213305_s_at	-2.07	5527	Hs.368264	protein phosphatase 2 regulatory subunit B'gamma (PPP2R5C)
231981_at	-2.07	5618	Hs.368587	prolactin receptor (PRLR)
212295_s_at	-2.07	6541	Hs.14846	solute carrier family 7 member 1 (SLC7A1)
200887_s_at	-2.07	6772	Hs.743244	signal transducer and activator of transcription 1 (STAT1)
203654_s_at	-2.07	8161	Hs.532795	coilin (COIL)

213186_at	-2.07	9666	Hs.409210	DAZ interacting zinc finger protein 3 (DZIP3)
212597_s_at	-2.07	10042	Hs.588815	HMG-box containing 4 (HMGXB4)
210820_x_at	-2.07	10229	Hs.157113	coenzyme Q7, hydroxylase (COQ7)
204146_at	-2.07	10635	Hs.730696	RAD51 associated protein 1 (RAD51AP1)
203203_s_at	-2.07	11103	Hs.645517	KRR1, small subunit processome component homolog (KRR1)
37943_at	-2.07	23503	Hs.98041	zinc finger FYVE-type containing 26 (ZFYVE26)
215093_at	-2.07	50814	Hs.57698	NAD (P) dependent steroid dehydrogenase-like (NSDHL)
223397_s_at	-2.07	51388	Hs.585728	NIP7, nucleolar pre-rRNA processing protein (NIP7)
218920_at	-2.07	54540	Hs.484289	family with sequence similarity 193 member B (FAM193B)
1552291_at	-2.07	54965	Hs.223296	phosphatidylinositol glycan anchor biosynthesis class X (PIGX)
206555_s_at	-2.07	55623	Hs.700004	THUMP domain containing 1 (THUMPD1)
224961_at	-2.07	55681	Hs.506481	SCY1 like pseudokinase 2 (SCYL2)
218968_s_at	-2.07	55734	Hs.473082	ZFP64 zinc finger protein (ZFP64)
227471_at	-2.07	57531	Hs.434340	HECT domain and ankyrin repeat containing E3 ubiquitin protein ligase 1 (HACE1)
221699_s_at	-2.07	79009	Hs.522984	DExD-box helicase 50 (DDX50)
222579_at	-2.07	79876	Hs.170737	ubiquitin like modifier activating enzyme 5 (UBA5)
225965_at	-2.07	80821	Hs.125525	DDHD domain containing 1 (DDHD1)
225773_at	-2.07	89970	Hs.460885	ring finger and SPRY domain containing 1 (RSPRY1)
228864_at	-2.07	115950	Hs.465928	zinc finger protein 653 (ZNF653)
228707_at	-2.07	137075	Hs.183617	claudin 23 (CLDN23)
225192_at	-2.07	143384	Hs.420024	CDK2 associated cullin domain 1 (CACUL1)
227255_at	-2.07	149420	Hs.468801	PDLIM1 interacting kinase 1 like (PDIK1L)
235258_at	-2.07	167227	Hs.443875	decapping mRNA 2 (DCP2)
227456_s_at	-2.07	221545	Hs.591787	chromosome 6 open reading frame 136 (C6orf136)
230621_at	-2.07	285148	Hs.744980	isoamyl acetate-hydrolyzing esterase 1 homolog (IAH1)
227801_at	-2.07	286827	Hs.212957	tripartite motif containing 59 (TRIM59)
230360_at	-2.07	342035	Hs.526441	gliomedin (GLDN)
229740_at	-2.07	643008	Hs.528605	small integral membrane protein 5 (SMIM5)
201579_at	-2.06	2195	Hs.481371	FAT atypical cadherin 1 (FAT1)
224629_at	-2.06	3998	Hs.465295	lectin, mannose binding 1 (LMAN1)
229322_at	-2.06	5529	Hs.334868	protein phosphatase 2 regulatory subunit B'epsilon (PPP2R5E)
224937_at	-2.06	5738	Hs.418093	prostaglandin F2 receptor inhibitor (PTGFRN)
201222_s_at	-2.06	5887	Hs.521640	RAD23 homolog B, nucleotide excision repair protein (RAD23B)
201712_s_at	-2.06	5903	Hs.199561	RAN binding protein 2 (RANBP2)
244030_at	-2.06	6815	Hs.364980	serine/threonine/tyrosine interacting protein (STYX)
216241_s_at	-2.06	6917	Hs.491745	transcription elongation factor A1 (TCEA1)
212733_at	-2.06	9711	Hs.478868	RUN and cysteine rich domain containing beclin 1 interacting protein (RUBCN)
204720_s_at	-2.06	9829	Hs.647643	DnaJ heat shock protein family (Hsp40) member C6 (DNAJC6)
208393_s_at	-2.06	10111	Hs.633509	RAD50 double strand break repair protein (RAD50)
212388_at	-2.06	23358	Hs.477009	ubiquitin specific peptidase 24 (USP24)
1569030_s_at	-2.06	51667	Hs.647082	negative regulator of ubiquitin like proteins 1 (NUB1)

226478_at	-2.06	51768	Hs.438641; Hs.539444	transmembrane 7 superfamily member 3 (TM7SF3)
201307_at	-2.06	55752	Hs.128199	septin 11 (SEPT11)
219187_at	-2.06	63943	Hs.520042	FK506 binding protein like (FKBPL)
223114_at	-2.06	84274	Hs.17250	coenzyme Q5, methyltransferase (COQ5)
201896_s_at	-2.06	84722	Hs.405925	proline and serine rich coiled-coil 1 (PSRC1)
226323_at	-2.06	91603	Hs.413678	zinc finger protein 830 (ZNF830)
238647_at	-2.06	122525	Hs.82098	chromosome 14 open reading frame 28 (C14orf28)
235433_at	-2.06	139322	Hs.512181	apolipoprotein O like (APOOL)
225123_at	-2.06	143686	Hs.120633	sestrin 3 (SESN3)
227577_at	-2.06	149371	Hs.356198	exocyst complex component 8 (EXOC8)
227767_at	-2.05	1456	Hs.129206	casein kinase 1 gamma 3 (CSNK1G3)
226374_at	-2.05	1525	Hs.627078	coxsackie virus and adenovirus receptor (CXADR)
203327_at	-2.05	3416	Hs.500546	insulin degrading enzyme (IDE)
217805_at	-2.05	3609	Hs.465885	interleukin enhancer binding factor 3 (ILF3)
202569_s_at	-2.05	4140	Hs.35828	microtubule affinity regulating kinase 3 (MARK3)
216199_s_at	-2.05	4216	Hs.390428	mitogen-activated protein kinase kinase kinase 4 (MAP3K4)
1553103_at	-2.05	4799	Hs.413074	nuclear transcription factor, X-box binding 1 (NFX1)
204933_s_at	-2.05	4982	Hs.81791	TNF receptor superfamily member 11b (TNFRSF11B)
1559052_s_at	-2.05	5062	Hs.518530	p21 (RAC1) activated kinase 2 (PAK2)
206935_at	-2.05	5100	Hs.19492	protocadherin 8 (PCDH8)
225207_at	-2.05	5166	Hs.8364	pyruvate dehydrogenase kinase 4 (PDK4)
202432_at	-2.05	5532	Hs.500067	protein phosphatase 3 catalytic subunit beta (PPP3CB)
213400_s_at	-2.05	6907	Hs.495656	transducin beta like 1X-linked (TBL1X)
213780_at	-2.05	7062	Hs.432416	trichohyalin (TCHH)
214168_s_at	-2.05	7082	Hs.743990	tight junction protein 1 (TJP1)
202703_at	-2.05	8446	Hs.14611	dual specificity phosphatase 11 (DUSP11)
202213_s_at	-2.05	8450	Hs.102914	cullin 4B (CUL4B)
207350_s_at	-2.05	8674	Hs.6651	vesicle associated membrane protein 4 (VAMP4)
202880_s_at	-2.05	9267	Hs.191215	cytohesin 1 (CYTH1)
204071_s_at	-2.05	10210	Hs.589962	TOP1 binding arginine/serine rich protein (TOPORS)
205493_s_at	-2.05	10570	Hs.100058	dihydropyrimidinase like 4 (DPYSL4)
203202_at	-2.05	11103	Hs.645517	KRR1, small subunit processome component homolog (KRR1)
212006_at	-2.05	23190	Hs.591242	UBX domain protein 4 (UBXN4)
202903_at	-2.05	23658	Hs.424908	LSM5 homolog, U6 small nuclear RNA and mRNA degradation associated (LSM5)
212112_s_at	-2.05	23673	Hs.523855	syntaxin 12 (STX12)
227107_at	-2.05	24145		pannexin 1 (PANX1)
225712_at	-2.05	25929	Hs.483921	gem nuclear organelle associated protein 5 (GEMIN5)
221776_s_at	-2.05	29117	Hs.437894	bromodomain containing 7 (BRD7)
228496_s_at	-2.05	51232	Hs.699247	cysteine rich transmembrane BMP regulator 1 (CRIM1)
218331_s_at	-2.05	54906	Hs.610717	family with sequence similarity 208 member B (FAM208B)
220171_x_at	-2.05	55425	Hs.744143	GPALPP motifs containing 1 (GPALPP1)

218724_s_at	-2.05	60436	Hs.632264	TGFB induced factor homeobox 2 (TGIF2)
219489_s_at	-2.05	64359	Hs.527989	nucleoredoxin (NXN)
218324_s_at	-2.05	65244	Hs.654826	spermatogenesis associated serine rich 2 (SPATS2)
222543_at	-2.05	79139	Hs.241576	derlin 1 (DERL1)
229810_at	-2.05	83861		radial spoke 3 homolog (RSPH3)
227412_at	-2.05	90673	Hs.601513	protein phosphatase 1 regulatory subunit 3E (PPP1R3E)
238575_at	-2.05	114880	Hs.318775	oxysterol binding protein like 6 (OSBPL6)
232181_at	-2.05	133522	Hs.483816	PPARG coactivator 1 beta (PPARGC1B)
1553106_at	-2.05	134553	Hs.708536	chromosome 5 open reading frame 24 (C5orf24)
225667_s_at	-2.05	151354	Hs.260855	family with sequence similarity 84 member A (FAM84A)
227220_at	-2.05	152518	Hs.646325	nuclear transcription factor, X-box binding like 1 (NFXL1)
229782_at	-2.05	196475		rhabdomyosarcoma 2 associated transcript (non-protein coding) (RMST)
230005_at	-2.05	258010	Hs.349096	small VCP interacting protein (SVIP)
228067_at	-2.05	343990	Hs.469398	KIAA1211 like (KIAA1211L)
226924_at	-2.05	400657	Hs.61508	long intergenic non-protein coding RNA 909 (LINC00909)
227019_at	-2.05	400793	Hs.447011	chromosome 1 open reading frame 226 (C1orf226)
225577_at	-2.05	414777	Hs.485041	HLA complex group 18 (non-protein coding) (HCG18)
230764_at	-2.05		Hs.657173	
238529_at	-2.05		Hs.528615	
240815_at	-2.05			
243405_at	-2.05		Hs.658352	
219340_s_at	-2.04	2055	Hs.127675	ceroid-lipofuscinosis, neuronal 8 (CLN8)
232909_s_at	-2.04	2186	Hs.444200	bromodomain PHD finger transcription factor (BPTF)
216958_s_at	-2.04	3712	Hs.513646	isovaleryl-CoA dehydrogenase (IVD)
202364_at	-2.04	4601	Hs.728542	MAX interactor 1, dimerization protein (MXI1)
207405_s_at	-2.04	5884	Hs.16184	RAD17 checkpoint clamp loader component (RAD17)
214519_s_at	-2.04	6019	Hs.127032	relaxin 2 (RLN2)
226660_at	-2.04	6198	Hs.463642	ribosomal protein S6 kinase B1 (RPS6KB1)
202171_at	-2.04	7716	Hs.463569	vascular endothelial zinc finger 1 (VEZF1)
204871_at	-2.04	7978	Hs.532216	mitochondrial transcription termination factor 1 (MTERF1)
202777_at	-2.04	8036	Hs.104315	SHOC2, leucine rich repeat scaffold protein (SHOC2)
238700_at	-2.04	9063	Hs.657844	protein inhibitor of activated STAT 2 (PIAS2)
212277_at	-2.04	9110	Hs.514373	myotubularin related protein 4 (MTMR4)
229064_s_at	-2.04	11123	Hs.656799	RCAN family member 3 (RCAN3)
209712_at	-2.04	23169	Hs.213642	solute carrier family 35 member D1 (SLC35D1)
229814_at	-2.04	25816		TNF alpha induced protein 8 (TNFAIP8)
212483_at	-2.04	25836	Hs.481927	NIPBL, cohesin loading factor (NIPBL)
224892_at	-2.04	26258	Hs.7037	biogenesis of lysosomal organelles complex 1 subunit 6 (BLOC1S6)
226619_at	-2.04	29843	Hs.371957	SUMO1/sentrin specific peptidase 1 (SENPI)
203122_at	-2.04	51112	Hs.252713	trafficking protein particle complex 12 (TRAPPC12)
219960_s_at	-2.04	51377	Hs.145469	ubiquitin C-terminal hydrolase L5 (UCHL5)
225665_at	-2.04	51776	Hs.444451	sterile alpha motif and leucine zipper containing kinase AZK (ZAK)

238496_at	-2.04	54904		Wolf-Hirschhorn syndrome candidate 1-like 1 (WHSC1L1)
223246_s_at	-2.04	55342	Hs.694157	spermatid perinuclear RNA binding protein (STRBP)
221096_s_at	-2.04	55374	Hs.534333	transmembrane and coiled-coil domains 6 (TMCO6)
218198_at	-2.04	55760	Hs.370292	DEAH-box helicase 32 (putative) (DHX32)
212666_at	-2.04	57154	Hs.189329	SMAD specific E3 ubiquitin protein ligase 1 (SMURF1)
213234_at	-2.04	57613	Hs.132660	family with sequence similarity 234 member B (FAM234B)
235343_at	-2.04	79805	Hs.96885	vasohibin 2 (VASH2)
228077_at	-2.04	84245	Hs.439370	methylthioribose-1-phosphate isomerase 1 (MRI1)
217540_at	-2.04	91775	Hs.595933	neurexophilin and PC-esterase domain family member 3 (NXPE3)
212250_at	-2.04	92140	Hs.377155	metadherin (MTDH)
225576_at	-2.04	116254	Hs.438872	glycoprotein integral membrane 1 (GINM1)
230964_at	-2.04	341640	Hs.253994	FRAS1 related extracellular matrix protein 2 (FREM2)
228231_at	-2.04	102465503	Hs.584900	microRNA 6836 (MIR6836)
241991_at	-2.04		Hs.659420	
201550_x_at	-2.03	60	Hs.514581	actin beta (ACTB)
205173_x_at	-2.03	965	Hs.34341	CD58 molecule (CD58)
217881_s_at	-2.03	996	Hs.463295	cell division cycle 27 (CDC27)
224847_at	-2.03	1021	Hs.119882	cyclin dependent kinase 6 (CDK6)
210361_s_at	-2.03	1998	Hs.634040	E74 like ETS transcription factor 2 (ELF2)
203988_s_at	-2.03	2530	Hs.597649	fucosyltransferase 8 (FUT8)
211375_s_at	-2.03	3609	Hs.465885	interleukin enhancer binding factor 3 (ILF3)
226969_at	-2.03	4548	Hs.498187	5-methyltetrahydrofolate-homocysteine methyltransferase (MTR)
224986_s_at	-2.03	5170	Hs.459691	3-phosphoinositide dependent protein kinase 1 (PDPK1)
201968_s_at	-2.03	5236	Hs.1869	phosphoglucomutase 1 (PGM1)
201147_s_at	-2.03	7078	Hs.644633	TIMP metalloproteinase inhibitor 3 (TIMP3)
208178_x_at	-2.03	7204	Hs.130031	trio Rho guanine nucleotide exchange factor (TRIO)
227177_at	-2.03	7464	Hs.113094	coronin 2A (CORO2A)
208775_at	-2.03	7514	Hs.370770	exportin 1 (XPO1)
219123_at	-2.03	7775	Hs.279914	zinc finger protein 232 (ZNF232)
32088_at	-2.03	8548	Hs.130746	basic leucine zipper nuclear factor 1 (BLZF1)
203372_s_at	-2.03	8835	Hs.485572; Hs.737206	suppressor of cytokine signaling 2 (SOCS2)
201582_at	-2.03	10483	Hs.369373	Sec23 homolog B, coat complex II component (SEC23B)
227539_at	-2.03	10672	Hs.515018	G protein subunit alpha 13 (GNA13)
212946_at	-2.03	23078	Hs.368282	von Willebrand factor A domain containing 8 (VWA8)
208634_s_at	-2.03	23499	Hs.472475	microtubule-actin crosslinking factor 1 (MACF1)
208425_s_at	-2.03	26115	Hs.410889	tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 2 (TANC2)
217851_s_at	-2.03	51012	Hs.656865	PRELI domain containing 3B (PRELID3B)
218056_at	-2.03	51283	Hs.435556	bifunctional apoptosis regulator (BFAR)
225174_at	-2.03	54431	Hs.516632	DnaJ heat shock protein family (Hsp40) member C10 (DNAJC10)
222399_s_at	-2.03	56889	Hs.500674	transmembrane 9 superfamily member 3 (TM9SF3)
224974_at	-2.03	64426	Hs.416630	SDS3 homolog, SIN3A corepressor complex component (SUDS3)

228115_at	-2.03	64762	Hs.444314	GRB2 associated regulator of MAPK1 subtype 1 (GAREM1)
204256_at	-2.03	79071	Hs.412939	ELOVL fatty acid elongase 6 (ELOVL6)
219526_at	-2.03	79697	Hs.509916	chromosome 14 open reading frame 169 (C14orf169)
213839_at	-2.03	79789	Hs.301478	calmin (CLMN)
225913_at	-2.03	79834	Hs.9587	pseudopodium enriched atypical kinase 1 (PEAK1)
218809_at	-2.03	80025	Hs.516859	pantothenate kinase 2 (PANK2)
226004_at	-2.03	81928	Hs.301040	Cdk5 and Abl enzyme substrate 2 (CABLES2)
221553_at	-2.03	84061	Hs.323562	magnesium transporter 1 (MAGT1)
221290_s_at	-2.03	84939	Hs.515016	melanoma associated antigen (mutated) 1 (MUM1)
226697_at	-2.03	92689	Hs.476517	family with sequence similarity 114 member A1 (FAM114A1)
243529_at	-2.03	92935	Hs.744330	methionyl-tRNA synthetase 2, mitochondrial (MARS2)
225849_s_at	-2.03	113402	Hs.487143	SFT2 domain containing 1 (SFT2D1)
204066_s_at	-2.03	116987	Hs.435039	ArfGAP with GTPase domain, ankyrin repeat and PH domain 1 (AGAP1)
235391_at	-2.03	137392	Hs.125038	family with sequence similarity 92 member A (FAM92A)
1553683_s_at	-2.03	144699	Hs.367956	F-box and leucine rich repeat protein 14 (FBXL14)
230774_at	-2.03	145482	Hs.632344	prostaglandin reductase 2 (PTGR2)
229766_at	-2.03	353274	Hs.250481	zinc finger protein 445 (ZNF445)
235356_at	-2.03	374354	Hs.369924	NHL repeat containing 2 (NHLRC2)
212114_at	-2.03	552889	Hs.744849	ataxin 7 like 3B (ATXN7L3B)
235124_at	-2.03	645212	Hs.594287	EIF3J antisense RNA 1 (head to head) (EIF3J-AS1)
227926_s_at	-2.03	100288142		neuroblastoma breakpoint family member 20 (NBPF20)
225949_at	-2.03	102466748	Hs.521926	microRNA 6845 (MIR6845)
235123_at	-2.03		Hs.661882	
243174_at	-2.03		Hs.547695	
204093_at	-2.02	902	Hs.292524	cyclin H (CCNH)
1565951_s_at	-2.02	1122	Hs.654545	CHM like, Rab escort protein 2 (CHML)
201623_s_at	-2.02	1615	Hs.503787	aspartyl-tRNA synthetase (DARS)
210091_s_at	-2.02	1837	Hs.643454	dystrobrevin alpha (DTNA)
228176_at	-2.02	1903	Hs.585118	sphingosine-1-phosphate receptor 3 (S1PR3)
31845_at	-2.02	2000	Hs.271940	E74 like ETS transcription factor 4 (ELF4)
214709_s_at	-2.02	3895	Hs.509414	kinectin 1 (KTN1)
201924_at	-2.02	4299	Hs.480190	AF4/FMR2 family member 1 (AFF1)
202677_at	-2.02	5921	Hs.664080	RAS p21 protein activator 1 (RASA1)
204001_at	-2.02	6619		small nuclear RNA activating complex polypeptide 3 (SNAPC3)
226206_at	-2.02	7975	Hs.520612	MAF bZIP transcription factor K (MAFK)
226547_at	-2.02	7994	Hs.491577	lysine acetyltransferase 6A (KAT6A)
201817_at	-2.02	9690	Hs.118351	ubiquitin protein ligase E3C (UBE3C)
207738_s_at	-2.02	10787	Hs.603732	NCK associated protein 1 (NCKAP1)
212986_s_at	-2.02	11011	Hs.445078	tousled like kinase 2 (TLK2)
223530_at	-2.02	11022	Hs.144439	tudor and KH domain containing (TDRKH)
222595_s_at	-2.02	11083	Hs.517172	death inducer-obliterators 1 (DIDO1)
203051_at	-2.02	22893	Hs.22109	bromo adjacent homology domain containing 1 (BAHD1)

205664_at	-2.02	22944	Hs.397918	Kin17 DNA and RNA binding protein (KIN)
203885_at	-2.02	23011	Hs.524590	RAB21, member RAS oncogene family (RAB21)
212573_at	-2.02	23052	Hs.167115	endonuclease domain containing 1 (ENDOD1)
212611_at	-2.02	23220	Hs.523696	deltex E3 ubiquitin ligase 4 (DTX4)
201855_s_at	-2.02	23300	Hs.16349	ATM interactor (ATMIN)
212507_at	-2.02	23505	Hs.469376	transmembrane protein 131 (TMEM131)
32032_at	-2.02	23617	Hs.517407	testis specific serine kinase 2 (TSSK2)
202786_at	-2.02	27347	Hs.276271	serine/threonine kinase 39 (STK39)
222466_s_at	-2.02	28977	Hs.199579	mitochondrial ribosomal protein L42 (MRPL42)
231870_s_at	-2.02	51068		NMD3 ribosome export adaptor (NMD3)
223352_s_at	-2.02	55028	Hs.12929	chromosome 17 open reading frame 80 (C17orf80)
212324_s_at	-2.02	55187	Hs.439381	vacuolar protein sorting 13 homolog D (VPS13D)
241364_at	-2.02	55219	Hs.189782	transmembrane protein 57 (TMEM57)
217970_s_at	-2.02	57472	Hs.608380	CCR4-NOT transcription complex subunit 6 (CNOT6)
65438_at	-2.02	57707	Hs.288274	TBC/LysM-associated domain containing 1 (TLDC1)
218991_at	-2.02	63897	Hs.591183	HEAT repeat containing 6 (HEATR6)
229433_at	-2.02	64062	Hs.732265	RNA binding motif protein 26 (RBM26)
219401_at	-2.02	64132	Hs.463416	xylosyltransferase 2 (XYLT2)
228031_at	-2.02	79183	Hs.283869	alpha tocopherol transfer protein like (TTPAL)
226931_at	-2.02	83857	Hs.401954	transmembrane and tetratricopeptide repeat containing 1 (TMTC1)
225501_at	-2.02	84295	Hs.356501	PHD finger protein 6 (PHF6)
236849_at	-2.02	143187	Hs.194554	vesicle transport through interaction with t-SNAREs 1A (VTI1A)
234985_at	-2.02	143458	Hs.745134	low density lipoprotein receptor class A domain containing 3 (LDLRAD3)
228457_at	-2.02	151742	Hs.592572	protein phosphatase, Mg2+/Mn2+ dependent 1L (PPM1L)
229250_at	-2.02	219931	Hs.131851	two pore segment channel 2 (TPCN2)
222809_x_at	-2.02	317762	Hs.709288	coiled-coil domain containing 85C (CCDC85C)
44669_at	-2.02	644096	Hs.356460	succinate dehydrogenase complex assembly factor 1 (SDHAF1)
223098_s_at	-2.02	100507577	Hs.731827	uncharacterized LOC100507577 (LOC100507577)
209073_s_at	-2.02	101928143	Hs.654609	uncharacterized LOC101928143 (LOC101928143)
228899_at	-2.02			
221607_x_at	-2.01	60	Hs.514581	actin beta (ACTB)
212254_s_at	-2.01	667	Hs.604915	dystonin (DST)
201036_s_at	-2.01	3033	Hs.438289	hydroxyacyl-CoA dehydrogenase (HADH)
203627_at	-2.01	3480	Hs.643120	insulin like growth factor 1 receptor (IGF1R)
203628_at	-2.01	3480	Hs.643120	insulin like growth factor 1 receptor (IGF1R)
202193_at	-2.01	3985	Hs.474596	LIM domain kinase 2 (LIMK2)
201384_s_at	-2.01	4077	Hs.277721	NBR1, autophagy cargo receptor (NBR1)
204326_x_at	-2.01	4501	Hs.374950	metallothionein 1X (MT1X)
204853_at	-2.01	4999	Hs.444870	origin recognition complex subunit 2 (ORC2)
223358_s_at	-2.01	5150	Hs.527119	phosphodiesterase 7A (PDE7A)
228006_at	-2.01	5728	Hs.500466	phosphatase and tensin homolog (PTEN)
212610_at	-2.01	5781	Hs.506852	protein tyrosine phosphatase, non-receptor type 11 (PTPN11)

214988_s_at	-2.01	6651	Hs.517262	SON DNA binding protein (SON)
1558136_s_at	-2.01	6882	Hs.112444	TATA-box binding protein associated factor 11 (TAF11)
201690_s_at	-2.01	7163	Hs.368433	tumor protein D52 (TPD52)
205006_s_at	-2.01	9397	Hs.60339	N-myristoyltransferase 2 (NMT2)
203465_at	-2.01	9801	Hs.44024	mitochondrial ribosomal protein L19 (MRPL19)
203035_s_at	-2.01	10401	Hs.435761	protein inhibitor of activated STAT 3 (PIAS3)
202798_at	-2.01	10427	Hs.292472	SEC24 homolog B, COPII coat complex component (SEC24B)
1568678_s_at	-2.01	11116	Hs.487175	FGFR1 oncogene partner (FGFR1OP)
213353_at	-2.01	23461	Hs.731824	ATP binding cassette subfamily A member 5 (ABCA5)
209031_at	-2.01	23705	Hs.370510	cell adhesion molecule 1 (CADM1)
223463_at	-2.01	51715	Hs.555016	RAB23, member RAS oncogene family (RAB23)
219226_at	-2.01	51755	Hs.416108	cyclin dependent kinase 12 (CDK12)
1554761_a_at	-2.01	54919	Hs.535896	dynein axonemal assembly factor 5 (DNAAF5)
224945_at	-2.01	55727	Hs.525549	BTB domain containing 7 (BTBD7)
228273_at	-2.01	55771	Hs.631750	proline rich 11 (PRR11)
220235_s_at	-2.01	55791	Hs.25245	ligand dependent nuclear receptor interacting factor 1 (LRIF1)
224280_s_at	-2.01	56181	Hs.149305	mitochondrial fission regulator 1 like (MTFR1L)
222806_s_at	-2.01	56946	Hs.352588	EMSY, BRCA2 interacting transcriptional repressor (EMSY)
225963_at	-2.01	57542	Hs.505104	kelch like family member 42 (KLHL42)
218289_s_at	-2.01	79876	Hs.170737	ubiquitin like modifier activating enzyme 5 (UBA5)
203513_at	-2.01	80208	Hs.656271	spastic paraplegia 11 (autosomal recessive) (SPG11)
224612_s_at	-2.01	80331	Hs.164419	DnaJ heat shock protein family (Hsp40) member C5 (DNAJC5)
225836_s_at	-2.01	83695	Hs.198853	RAD9-HUS1-RAD1 interacting nuclear orphan 1 (RHNO1)
209512_at	-2.01	84263	Hs.59486	hydroxysteroid dehydrogenase like 2 (HSDL2)
235165_at	-2.01	84612	Hs.589848	par-6 family cell polarity regulator beta (PARD6B)
225319_s_at	-2.01	84923	Hs.741276	family with sequence similarity 104 member A (FAM104A)
223396_at	-2.01	85025	Hs.19025	transmembrane protein 60 (TMEM60)
235168_at	-2.01	93183	Hs.552810	phosphatidylinositol glycan anchor biosynthesis class M (PIGM)
1552360_a_at	-2.01	114609	Hs.585496	TIR domain containing adaptor protein (TIRAP)
227445_at	-2.01	115509	Hs.454685	zinc finger protein 689 (ZNF689)
203015_s_at	-2.01	117178	Hs.22587	SSX family member 2 interacting protein (SSX2IP)
244569_at	-2.01	157657	Hs.548157	chromosome 8 open reading frame 37 (C8orf37)
224649_x_at	-2.01	219771	Hs.14745	cyclin Y (CCNY)
228304_at	-2.01	375287	Hs.302442	RNA binding motif protein 43 (RBM43)
224605_at	-2.01	401152	Hs.173705	chromosome 4 open reading frame 3 (C4orf3)
231517_at	-2.01	440590	Hs.658458	zyg-11 family member A, cell cycle regulator (ZYG11A)
211970_x_at	-2	60	Hs.514581	actin beta (ACTB)
204444_at	-2	3832	Hs.8878	kinesin family member 11 (KIF11)
203981_s_at	-2	5826	Hs.94395	ATP binding cassette subfamily D member 4 (ABCD4)
209580_s_at	-2	8930	Hs.35947	methyl-CpG binding domain 4, DNA glycosylase (MBD4)
1556097_at	-2	9455		homer scaffolding protein 2 (HOMER2)
219889_at	-2	10023	Hs.126057	frequently rearranged in advanced T-cell lymphomas 1 (FRAT1)
202020_s_at	-2	10314	Hs.13351	LanC like 1 (LANCL1)

205548_s_at	-2	10950	Hs.473420	BTG anti-proliferation factor 3 (BTG3)
213531_s_at	-2	22930	Hs.306327	RAB3 GTPase activating protein catalytic subunit 1 (RAB3GAP1)
212619_at	-2	23306	Hs.591040	nuclear envelope integral membrane protein 1 (NEMP1)
203730_s_at	-2	23660	Hs.110839	zinc finger with KRAB and SCAN domains 5 (ZKSCAN5)
234987_at	-2	25939		SAM and HD domain containing deoxynucleoside triphosphate triphosphohydrolase 1 (SAMHD1)
209004_s_at	-2	26234	Hs.643433; Hs.714386	F-box and leucine rich repeat protein 5 (FBXL5)
213374_x_at	-2	26275	Hs.656685	3-hydroxyisobutyryl-CoA hydrolase (HIBCH)
223457_at	-2	26958	Hs.6421	coatamer protein complex subunit gamma 2 (COPG2)
226468_at	-2	27246		ring finger protein 115 (RNF115)
209524_at	-2	50810	Hs.513954	hepatoma-derived growth factor, related protein 3 (HDGFRP3)
204237_at	-2	51454	Hs.470887	GULP, engulfment adaptor PTB domain containing 1 (GULP1)
222408_s_at	-2	51646	Hs.515890	yippee like 5 (YPEL5)
217820_s_at	-2	55740	Hs.497893	enabled homolog (Drosophila) (ENAH)
229908_s_at	-2	64718	Hs.643536	unkempt family like zinc finger (UNKL)
218546_at	-2	79762	Hs.519839	chromosome 1 open reading frame 115 (C1orf115)
239433_at	-2	80131	Hs.501511	leucine rich repeat containing 8 family member E (LRRC8E)
217745_s_at	-2	80218	Hs.372378	N (alpha)-acetyltransferase 50, NatE catalytic subunit (NAA50)
226473_at	-2	84733	Hs.368410	chromobox 2 (CBX2)
242470_at	-2	126272	Hs.135181	EP300 interacting inhibitor of differentiation 2B (EID2B)
214107_x_at	-2	440434	Hs.443837	aminopeptidase puromycin sensitive pseudogene (LOC440434)
219982_s_at	-2	728492	Hs.559428; Hs.726820	small EDRK-rich factor 1B (SERF1B)