

**Table S1 Information of differentially expressed genes in DMD samples**

Probe_id	Fold_change	FDR	GeneID	Gene symbol
34471_at	4.1246	1.04E-04	4626	MYH8
206717_at	4.3146	1.12E-04	4626	MYH8
205132_at	2.8692	1.35E-04	70	ACTC1
205940_at	4.7373	1.99E-04	4621	MYH3
203881_s_at	-2.2897	2.30E-04	1756	DMD
206304_at	1.9965	2.92E-04	4608	MYBPH
204122_at	2.2616	3.70E-04	7305	TYROBP
218678_at	1.4167	4.09E-04	10763	NES
218232_at	1.6193	5.28E-04	712	C1QA
204670_x_at	1.2350	6.11E-04	3123	HLA-DRB1
204670_x_at	1.2350	6.11E-04	3126	HLA-DRB4
204670_x_at	1.2350	6.11E-04	3123	HLA-DRB1
204670_x_at	1.2350	6.11E-04	3126	HLA-DRB4
204620_s_at	1.5496	6.12E-04	1462	VCAN
207537_at	-0.5989	6.67E-04	5207	PFKFB1
204041_at	-0.7591	6.71E-04	4129	MAOB
210395_x_at	1.0473	6.75E-04	4635	MYL4
38487_at	0.7285	6.78E-04	23166	STAB1
203186_s_at	2.0961	6.86E-04	6275	S100A4
209191_at	2.1423	6.93E-04	84617	TUBB6
220532_s_at	1.0797	7.07E-04	28959	TMEM176B
212067_s_at	1.4278	7.23E-04	715	C1R
221731_x_at	1.4918	8.02E-04	1462	VCAN
209312_x_at	1.4725	8.21E-04	3123	HLA-DRB1
209312_x_at	1.4725	8.21E-04	3126	HLA-DRB4
209312_x_at	1.4725	8.21E-04	3127	HLA-DRB5
209312_x_at	1.4725	8.21E-04	3123	HLA-DRB1
209312_x_at	1.4725	8.21E-04	3126	HLA-DRB4
209312_x_at	1.4725	8.21E-04	3127	HLA-DRB5
209312_x_at	1.4725	8.21E-04	3123	HLA-DRB1
209312_x_at	1.4725	8.21E-04	3126	HLA-DRB4
209312_x_at	1.4725	8.21E-04	3127	HLA-DRB5
201666_at	1.7629	8.50E-04	7076	TIMP1
208534_s_at	-0.9269	9.31E-04	10156	RASA4
208534_s_at	-0.9269	9.31E-04	401331	RASA4CP
208534_s_at	-0.9269	9.31E-04	10156	RASA4
208534_s_at	-0.9269	9.31E-04	401331	RASA4CP
208747_s_at	1.2256	9.35E-04	716	C1S
201743_at	1.6230	9.40E-04	929	CD14
203997_at	-0.7012	9.62E-04	5774	PTPN3
215389_s_at	1.5691	1.00E-03	7139	TNNT2
209619_at	1.3109	1.03E-03	972	CD74
211750_x_at	0.8921	1.06E-03	84790	TUBA1C
201046_s_at	-0.7789	1.07E-03	5886	RAD23A
206633_at	1.8168	1.08E-03	1134	CHRNA1
204588_s_at	0.4621	1.11E-03	9056	SLC7A7
203104_at	0.9949	1.12E-03	1436	CSF1R
213614_x_at	1.0217	1.13E-03	1915	EEF1A1
201029_s_at	0.9981	1.18E-03	4267	CD99
201279_s_at	1.1195	1.19E-03	1601	DAB2
210088_x_at	0.7891	1.20E-03	4635	MYL4
208836_at	1.3228	1.23E-03	483	ATP1B3
217478_s_at	1.3585	1.25E-03	3108	HLA-DMA
208894_at	1.7343	1.26E-03	3122	HLA-DRA
210982_s_at	1.7788	1.27E-03	3122	HLA-DRA

208306_x_at	1.0047	1.27E-03	3123	HLA-DRB1
201721_s_at	1.5559	1.28E-03	7805	LAPTM5
215051_x_at	0.5175	1.29E-03	199	AIF1
212510_at	-0.8647	1.33E-03	23171	GPD1L
211991_s_at	1.8457	1.33E-03	3113	HLA-DPA1
201677_at	-0.2982	1.35E-03	56941	C3orf37
213477_x_at	0.8164	1.37E-03	1915	EEF1A1
218345_at	0.4985	1.39E-03	55365	TMEM176A
215076_s_at	1.9129	1.40E-03	1281	COL3A1
215193_x_at	1.5265	1.40E-03	3123	HLA-DRB1
215193_x_at	1.5265	1.40E-03	3125	HLA-DRB3
215193_x_at	1.5265	1.40E-03	3126	HLA-DRB4
215193_x_at	1.5265	1.40E-03	3123	HLA-DRB1
215193_x_at	1.5265	1.40E-03	3125	HLA-DRB3
215193_x_at	1.5265	1.40E-03	3126	HLA-DRB4
215193_x_at	1.5265	1.40E-03	3123	HLA-DRB1
215193_x_at	1.5265	1.40E-03	3125	HLA-DRB3
215193_x_at	1.5265	1.40E-03	3126	HLA-DRB4
209166_s_at	0.5962	1.43E-03	4125	MAN2B1
205330_at	-0.9094	1.44E-03	4330	MN1
211763_s_at	-0.6643	1.46E-03	7320	UBE2B
201137_s_at	1.5100	1.47E-03	3115	HLA-DPB1
215049_x_at	1.1447	1.48E-03	9332	CD163
202388_at	1.4292	1.50E-03	5997	RGS2
203868_s_at	0.9594	1.51E-03	7412	VCAM1
215963_x_at	0.8813	1.53E-03	6122	RPL3
201852_x_at	1.8955	1.58E-03	1281	COL3A1
213583_x_at	0.8455	1.63E-03	1915	EEF1A1
213583_x_at	0.8455	1.63E-03	441032	EEF1A1P9
213583_x_at	0.8455	1.63E-03	1915	EEF1A1
213583_x_at	0.8455	1.63E-03	441032	EEF1A1P9
209360_s_at	0.7517	1.64E-03	861	RUNX1
218066_at	0.3802	1.67E-03	10723	SLC12A7
217767_at	1.8948	1.67E-03	718	C3
210757_x_at	0.9286	1.68E-03	1601	DAB2
215388_s_at	1.3027	1.68E-03	3075	CFH
215388_s_at	1.3027	1.68E-03	3078	CFHR1
215388_s_at	1.3027	1.68E-03	3075	CFH
215388_s_at	1.3027	1.68E-03	3078	CFHR1
213867_x_at	0.7987	1.70E-03	60	ACTB
205954_at	-0.4971	1.71E-03	6258	RXRG
219666_at	1.0998	1.72E-03	64231	MS4A6A
217984_at	0.5772	1.74E-03	8635	RNASET2
202403_s_at	1.7696	1.75E-03	1278	COL1A2
201278_at	1.2786	1.75E-03	1601	DAB2
205508_at	-0.6981	1.76E-03	6324	SCN1B
208998_at	1.1308	1.76E-03	7351	UCP2
203645_s_at	1.1311	1.76E-03	9332	CD163
200943_at	0.8852	1.77E-03	3150	HMGN1
200923_at	1.0557	1.80E-03	3959	LGALS3BP
203455_s_at	1.5303	1.81E-03	6303	SAT1
215495_s_at	-0.8643	1.81E-03	23034	SAMD4A
218168_s_at	-0.6175	1.82E-03	56997	ADCK3
212788_x_at	1.1490	1.83E-03	2512	FTL
217142_at	0.6203	1.83E-03		
217763_s_at	0.8271	1.83E-03	11031	RAB31
201212_at	1.2544	1.84E-03	5641	LGMN

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200944_s_at	1.0425	1.84E-03	3150	HMGNI
211990_at	1.9765	1.85E-03	3113	HLA-DPA1
212639_x_at	1.0502	1.86E-03	10376	TUBA1B
221729_at	1.9060	1.86E-03	1290	COL5A2
206559_x_at	1.0157	1.86E-03	1915	EEF1A1
201720_s_at	0.9716	1.86E-03	7805	LAPTM5
218417_s_at	-0.3656	1.88E-03	55652	SLC48A1
202598_at	1.2281	1.88E-03	6284	S100A13
217755_at	1.0299	1.88E-03	51155	HN1
210427_x_at	1.2929	1.91E-03	302	ANXA2
213503_x_at	1.2740	1.91E-03	302	ANXA2
209251_x_at	0.9241	1.91E-03	84790	TUBA1C
211938_at	-0.3146	1.92E-03	1975	EIF4B
209118_s_at	1.7900	1.93E-03	7846	TUBA1A
208540_x_at	0.4924	1.94E-03	6282	S100A11
202310_s_at	1.9882	1.94E-03	1277	COL1A1
209014_at	0.7492	1.95E-03	9500	MAGED1
208966_x_at	1.4704	1.96E-03	3428	IFI16
219117_s_at	0.6881	1.97E-03	51303	FKBP11
201028_s_at	0.9979	1.97E-03	4267	CD99
209721_s_at	0.6117	1.98E-03	25900	IFFO1
203858_s_at	-0.4143	1.98E-03	1352	COX10
201744_s_at	2.5596	1.99E-03	4060	LUM
217733_s_at	1.2469	2.00E-03	9168	TMSB10
204892_x_at	1.0470	2.01E-03	1915	EEF1A1
217762_s_at	0.8472	2.01E-03	11031	RAB31
205381_at	1.4762	2.03E-03	10234	LRRRC17
217728_at	1.5305	2.04E-03	6277	S100A6
200940_s_at	-0.4871	2.06E-03	473	RERE
208659_at	1.1217	2.08E-03	1192	CLIC1
202546_at	1.1218	2.08E-03	8673	VAMP8
213975_s_at	2.0495	2.09E-03	4069	LYZ
219525_at	-0.7063	2.11E-03	55244	SLC47A1
212805_at	1.4067	2.12E-03	158471	PRUNE2
201590_x_at	1.3343	2.13E-03	302	ANXA2
210147_at	-1.3265	2.14E-03	419	ART3
202404_s_at	2.3245	2.14E-03	1278	COL1A2
212276_at	-0.9497	2.16E-03	23175	LPIN1
213566_at	0.8715	2.17E-03	6039	RNASE6
201185_at	0.8482	2.19E-03	5654	HTRA1
208086_s_at	-0.4418	2.19E-03	1756	DMD
221245_s_at	-0.3795	2.19E-03	7855	FZD5
210592_s_at	1.3629	2.19E-03	6303	SAT1
204150_at	0.8914	2.22E-03	23166	STAB1
201893_x_at	0.7527	2.23E-03	1634	DCN
200660_at	1.3443	2.23E-03	6282	S100A11
211161_s_at	2.0073	2.26E-03	1281	COL3A1
214952_at	0.5824	2.27E-03	4684	NCAM1
201438_at	1.3370	2.33E-03	1293	COL6A3
202953_at	1.0802	2.33E-03	713	C1QB
200648_s_at	-1.3367	2.36E-03	2752	GLUL
206571_s_at	0.4461	2.36E-03	9448	MAP4K4
205253_at	-0.5067	2.37E-03	5087	PBX1
205145_s_at	1.7406	2.37E-03	4636	MYL5
201425_at	-0.8462	2.38E-03	217	ALDH2
201261_x_at	0.8360	2.43E-03	633	BGN
219087_at	2.2989	2.43E-03	54829	ASPN

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205208_at	-0.6983	2.45E-03	10840	ALDH1L1
204415_at	1.0344	2.45E-03	2537	IFI6
202172_at	-0.5967	2.46E-03	7716	VEZF1
205478_at	-1.1511	2.47E-03	5502	PPP1R1A
200665_s_at	1.2723	2.48E-03	6678	SPARC
213125_at	0.8863	2.49E-03	25903	OLFML2B
213646_x_at	0.9484	2.53E-03	10376	TUBA1B
211073_x_at	1.0883	2.54E-03	6122	RPL3
202291_s_at	1.6986	2.55E-03	4256	MGP
205231_s_at	-0.5594	2.60E-03	7957	EPM2A
201293_x_at	0.8341	2.64E-03	5478	PPIA
214428_x_at	0.5318	2.66E-03	100509001	
214428_x_at	0.5318	2.66E-03	720	C4A
214428_x_at	0.5318	2.66E-03	721	C4B
214428_x_at	0.5318	2.66E-03	100509001	
214428_x_at	0.5318	2.66E-03	720	C4A
214428_x_at	0.5318	2.66E-03	721	C4B
214428_x_at	0.5318	2.66E-03	100509001	
214428_x_at	0.5318	2.66E-03	720	C4A
214428_x_at	0.5318	2.66E-03	721	C4B
217983_s_at	0.9895	2.66E-03	8635	RNASET2
210609_s_at	0.4357	2.66E-03	9540	TP53I3
201007_at	-0.7384	2.66E-03	3032	HADHB
210906_x_at	-0.5887	2.68E-03	361	AQP4
202465_at	1.1369	2.69E-03	5118	PCOLCE
203567_s_at	0.5317	2.71E-03	10475	TRIM38
201141_at	1.7032	2.75E-03	10457	GNPMB
201798_s_at	1.4628	2.76E-03	26509	MYOF
211896_s_at	1.1388	2.80E-03	1634	DCN
204955_at	1.7261	2.80E-03	8406	SRPX
201217_x_at	1.0971	2.81E-03	6122	RPL3
209072_at	-0.6904	2.84E-03	4155	MBP
208837_at	0.3999	2.87E-03	23423	TMED3
220273_at	0.5784	2.88E-03	27190	IL17B
200872_at	1.4126	2.88E-03	6281	S100A10
200663_at	0.7058	2.89E-03	967	CD63
202803_s_at	0.9925	2.90E-03	3689	ITGB2
201280_s_at	1.3606	2.94E-03	1601	DAB2
200801_x_at	0.7996	2.96E-03	60	ACTB
202734_at	-0.6376	2.97E-03	9322	TRIP10
212661_x_at	0.8937	2.98E-03	5478	PPIA
211666_x_at	1.2156	3.03E-03	6122	RPL3
212813_at	0.6284	3.04E-03	83700	JAM3
203599_s_at	-0.4278	3.05E-03	11193	WBP4
203729_at	1.1634	3.08E-03	2014	EMP3
200701_at	1.0960	3.11E-03	10577	NPC2
207191_s_at	0.6883	3.13E-03	3671	ISLR
213627_at	0.6176	3.13E-03	10916	MAGED2
206584_at	1.0009	3.15E-03	23643	LY96
216438_s_at	1.1768	3.17E-03	7114	TMSB4X
216438_s_at	1.1768	3.17E-03	7117	TMSB4XP8
216438_s_at	1.1768	3.17E-03	7114	TMSB4X
216438_s_at	1.1768	3.17E-03	7117	TMSB4XP8
219011_at	0.4236	3.18E-03	57664	PLEKHA4
205479_s_at	0.6149	3.20E-03	5328	PLAU
201039_s_at	-0.9881	3.22E-03	5886	RAD23A
201422_at	0.7097	3.27E-03	10437	IFI30

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205577_at	-0.8177	3.32E-03	5837	PYGM
210066_s_at	-0.3634	3.33E-03	361	AQP4
202180_s_at	0.6955	3.34E-03	9961	MVP
206768_at	-0.6789	3.38E-03	6123	RPL3L
200986_at	1.1234	3.40E-03	710	SERPING1
211382_s_at	-0.7928	3.41E-03	10579	TACC2
201090_x_at	0.9025	3.43E-03	10376	TUBA1B
204438_at	1.2785	3.44E-03	414308	
204438_at	1.2785	3.44E-03	4360	MRC1
204438_at	1.2785	3.44E-03	414308	
204438_at	1.2785	3.44E-03	4360	MRC1
200678_x_at	0.8374	3.44E-03	2896	GRN
218223_s_at	0.7793	3.44E-03	51177	PLEKHO1
201426_s_at	1.1886	3.48E-03	7431	VIM
203416_at	0.5051	3.48E-03	963	CD53
205412_at	-0.6419	3.49E-03	38	ACAT1
209301_at	-0.6991	3.52E-03	760	CA2
213187_x_at	1.3776	3.58E-03	2512	FTL
208682_s_at	0.7285	3.61E-03	10916	MAGED2
203766_s_at	-0.9473	3.64E-03	25802	LMOD1
41047_at	0.4378	3.65E-03	79095	C9orf16
213422_s_at	0.5610	3.66E-03	54587	MXRA8
217973_at	-0.7696	3.67E-03	51181	DCXR
211378_x_at	0.8173	3.67E-03	5478	PPIA
211571_s_at	0.7544	3.68E-03	1462	VCAN
221959_at	0.3421	3.69E-03	90362	FAM110B
209901_x_at	0.5589	3.77E-03	199	AIF1
208451_s_at	0.5802	3.80E-03	100509001	
208451_s_at	0.5802	3.80E-03	720	C4A
208451_s_at	0.5802	3.80E-03	721	C4B
208451_s_at	0.5802	3.80E-03	100509001	
208451_s_at	0.5802	3.80E-03	720	C4A
208451_s_at	0.5802	3.80E-03	721	C4B
208451_s_at	0.5802	3.80E-03	100509001	
208451_s_at	0.5802	3.80E-03	720	C4A
208451_s_at	0.5802	3.80E-03	721	C4B
204912_at	0.5566	3.81E-03	3587	IL10RA
212039_x_at	1.1154	3.83E-03	6122	RPL3
205450_at	-0.7030	3.87E-03	5255	PHKA1
212488_at	1.1116	3.87E-03	1289	COL5A1
213923_at	0.7523	3.89E-03	5912	RAP2B
202171_at	-0.5362	3.93E-03	7716	VEZF1
209780_at	-0.7736	3.93E-03	57157	PHTF2
212063_at	1.6203	3.95E-03	960	CD44
209156_s_at	1.3084	3.95E-03	1292	COL6A2
211978_x_at	0.8489	3.97E-03	5478	PPIA
220948_s_at	0.7814	4.02E-03	476	ATP1A1
209687_at	1.3524	4.03E-03	6387	CXCL12
213567_at	-0.5065	4.05E-03	3840	KPNA4
210068_s_at	-0.8116	4.20E-03	361	AQP4
218856_at	0.6294	4.26E-03	27242	TNFRSF21
206227_at	0.8791	4.29E-03	8483	CILP
203404_at	0.5457	4.34E-03	9823	ARMCX2
218771_at	-0.3756	4.35E-03	55229	PANK4
204829_s_at	0.6219	4.35E-03	2350	FOLR2
211813_x_at	0.7822	4.35E-03	1634	DCN
215646_s_at	0.8242	4.36E-03	1462	VCAN

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217202_s_at	-1.1954	4.40E-03	2752	GLUL
212227_x_at	-0.4015	4.43E-03	10209	EIF1
218802_at	0.6012	4.46E-03	55013	CCDC109B
219213_at	0.6471	4.46E-03	58494	JAM2
204365_s_at	0.5739	4.48E-03	65055	REEP1
201550_x_at	0.9518	4.50E-03	71	ACTG1
208816_x_at	0.7852	4.53E-03	304	ANXA2P2
AFFX-HSAC07/X00351_3_at	0.9235	4.54E-03	60	ACTB
213733_at	0.3499	4.55E-03	4542	MYO1F
212038_s_at	-0.6489	4.55E-03	7416	VDAC1
219116_s_at	-0.5517	4.58E-03	55208	DCUN1D2
212757_s_at	-0.4909	4.59E-03	818	CAMK2G
209596_at	1.4800	4.60E-03	25878	MXRA5
221730_at	1.5036	4.64E-03	1290	COL5A2
214785_at	-0.3097	4.65E-03	23230	VPS13A
221698_s_at	0.4295	4.66E-03	64581	CLEC7A
213317_at	-0.7812	4.66E-03	53405	CLIC5
217764_s_at	1.1600	4.68E-03	11031	RAB31
213428_s_at	1.0595	4.70E-03	1291	COL6A1
221607_x_at	0.8858	4.70E-03	71	ACTG1
201954_at	0.8596	4.73E-03	10095	ARPC1B
211765_x_at	0.8137	4.73E-03	5478	PPIA
218281_at	-0.2965	4.75E-03	51642	MRPL48
207808_s_at	0.8513	4.79E-03	5627	PROS1
219358_s_at	0.5264	4.79E-03	55803	ADAP2
219563_at	1.0429	4.80E-03	79686	LINC00341
201904_s_at	0.7126	4.80E-03	10217	CTDSPL
217430_x_at	0.9408	4.82E-03	1277	COL1A1
200953_s_at	0.9600	4.85E-03	894	CCND2
200021_at	0.8095	4.86E-03	1072	CFL1
211072_x_at	0.9477	4.87E-03	10376	TUBA1B
206710_s_at	0.7098	4.88E-03	23136	EPB41L3
220968_s_at	0.3087	5.14E-03	10867	TSPAN9
214821_at	-0.3628	5.15E-03	291	SLC25A4
217274_x_at	0.3082	5.16E-03	4635	MYL4
218109_s_at	1.1369	5.19E-03	64747	MFSD1
213214_x_at	0.9477	5.20E-03	71	ACTG1
203305_at	0.8141	5.22E-03	2162	F13A1
221565_s_at	0.4081	5.28E-03	51063	CALHM2
206332_s_at	1.3228	5.32E-03	3428	IFI16
204490_s_at	0.4985	5.34E-03	960	CD44
217947_at	0.9378	5.36E-03	54918	CMTM6
212498_at	-0.3911	5.41E-03		
203854_at	0.4594	5.41E-03	3426	CFI
203476_at	0.5600	5.42E-03	7162	TPBG
212829_at	0.5105	5.43E-03	5305	PIP4K2A
211058_x_at	0.8840	5.45E-03	10376	TUBA1B
208690_s_at	-0.7062	5.46E-03	9124	PDLIM1
221063_x_at	-0.3770	5.51E-03	63891	RNF123
200703_at	1.1859	5.64E-03	8655	DYNLL1
213791_at	1.3673	5.67E-03	5179	PENK
202289_s_at	-0.8306	5.73E-03	10579	TACC2
201601_x_at	0.7802	5.77E-03	8519	IFITM1
219519_s_at	0.4019	5.81E-03	6614	SIGLEC1
204787_at	0.6566	5.81E-03	11326	VSIG4
212873_at	0.3198	5.85E-03	23526	HMHA1
208949_s_at	1.1454	5.87E-03	3958	LGALS3

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212014_x_at	0.4887	5.91E-03	960	CD44
202311_s_at	1.7457	5.91E-03	1277	COL1A1
208856_x_at	0.6156	5.94E-03	6175	RPLP0
203932_at	0.6386	5.95E-03	3109	HLA-DMB
212489_at	1.2073	5.97E-03	1289	COL5A1
202450_s_at	0.8904	6.00E-03	1513	CTSK
201968_s_at	-0.6825	6.01E-03	5236	PGM1
211562_s_at	-0.4281	6.02E-03	25802	LMOD1
215157_x_at	0.9314	6.04E-03	26986	PABPC1
200657_at	0.8967	6.08E-03	292	SLC25A5
211656_x_at	0.7955	6.09E-03	100133583	
211656_x_at	0.7955	6.09E-03	3119	HLA-DQB1
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211656_x_at	0.7955	6.09E-03	3119	HLA-DQB1
211564_s_at	0.5747	6.09E-03	8572	PDLIM4
208782_at	1.1381	6.10E-03	11167	FSTL1
211995_x_at	0.6901	6.12E-03	71	ACTG1
200075_s_at	0.7102	6.12E-03	2987	GUK1
212946_at	-0.4540	6.16E-03	23078	VWA8
203386_at	-0.6428	6.16E-03	9882	TBC1D4
212434_at	-0.2989	6.19E-03	80273	GRPEL1
214022_s_at	0.7680	6.19E-03	8519	IFITM1
215537_x_at	0.4933	6.20E-03	23564	DDAH2
212707_s_at	-0.7235	6.24E-03	100271927	RASA4B
212707_s_at	-0.7235	6.24E-03	10156	RASA4
212707_s_at	-0.7235	6.24E-03	401331	RASA4CP
212707_s_at	-0.7235	6.24E-03	100271927	RASA4B
212707_s_at	-0.7235	6.24E-03	10156	RASA4
212707_s_at	-0.7235	6.24E-03	401331	RASA4CP
212707_s_at	-0.7235	6.24E-03	100271927	RASA4B
212707_s_at	-0.7235	6.24E-03	10156	RASA4
212707_s_at	-0.7235	6.24E-03	401331	RASA4CP
213010_at	0.6039	6.27E-03	112464	PRKCDBP
210250_x_at	-0.4313	6.28E-03	158	ADSL
201004_at	0.8541	6.29E-03	6748	SSR4
216041_x_at	0.7257	6.30E-03	2896	GRN
201155_s_at	-0.4821	6.30E-03	9927	MFN2
209823_x_at	1.0177	6.31E-03	3119	HLA-DQB1
203964_at	0.5272	6.32E-03	9111	NMI
209980_s_at	-0.3511	6.32E-03	6470	SHMT1
220419_s_at	-0.5366	6.41E-03	29761	USP25
204717_s_at	-0.5665	6.42E-03	3177	SLC29A2
212884_x_at	0.5390	6.45E-03	348	APOE
221059_s_at	0.7570	6.49E-03	23406	COTL1
211970_x_at	0.8765	6.52E-03	71	ACTG1
202334_s_at	-0.5036	6.55E-03	7320	UBE2B
203381_s_at	1.1492	6.55E-03	348	APOE
210067_at	-0.3827	6.55E-03	361	AQP4
217140_s_at	-0.8403	6.60E-03	7416	VDAC1
215167_at	-0.4331	6.61E-03	9282	MED14
200708_at	-0.5483	6.63E-03	2806	GOT2
201018_at	-0.4629	6.66E-03	1964	EIF1AX
221762_s_at	-0.2495	6.67E-03	63935	PCIF1
203028_s_at	0.5684	6.70E-03	1535	CYBA
204498_s_at	-0.3875	6.70E-03	115	ADCY9
214722_at	0.7522	6.72E-03	388677	NOTCH2NL
212062_at	0.9449	6.74E-03	10079	ATP9A

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204137_at	0.3620	6.76E-03	7107	GPR137B
221019_s_at	0.8238	6.77E-03	81035	COLEC12
202144_s_at	-0.4282	6.79E-03	158	ADSL
212667_at	0.8212	6.80E-03	6678	SPARC
218025_s_at	-0.5913	6.81E-03	10455	ECI2
221486_at	-0.2213	6.85E-03	2029	ENSA
209875_s_at	2.0597	6.88E-03	6696	SPP1
210150_s_at	0.2902	6.88E-03	3911	LAMA5
202239_at	0.3796	6.90E-03	143	PARP4
219505_at	0.5535	6.98E-03	51816	CECR1
204521_at	0.3644	6.98E-03	29902	FAM216A
218080_x_at	-0.3748	6.99E-03	11124	FAF1
209398_at	-0.8859	7.11E-03	3006	HIST1H1C
203126_at	-0.7973	7.14E-03	3613	IMPA2
214770_at	0.3545	7.18E-03	4481	MSR1
212203_x_at	0.7477	7.20E-03	10410	IFITM3
202391_at	0.6887	7.22E-03	10409	BASP1
202098_s_at	0.3248	7.24E-03	3275	PRMT2
203296_s_at	-0.6684	7.26E-03	477	ATP1A2
203388_at	0.2960	7.26E-03	409	ARRB2
217992_s_at	0.5469	7.27E-03	79180	EFHD2
203335_at	-0.6140	7.31E-03	5264	PHYH
211864_s_at	0.7863	7.33E-03	26509	MYOF
207173_x_at	1.2611	7.37E-03	1009	CDH11
208146_s_at	0.9248	7.38E-03	54504	CPVL
203649_s_at	1.8721	7.39E-03	5320	PLA2G2A
201560_at	1.2611	7.45E-03	25932	CLIC4
201160_s_at	-0.4663	7.45E-03	8531	CSDA
202075_s_at	1.0206	7.50E-03	5360	PLTP
206353_at	-0.5505	7.51E-03	1339	COX6A2
201842_s_at	1.4453	7.53E-03	2202	EFEMP1
213095_x_at	0.4105	7.54E-03	199	AIF1
202446_s_at	0.7120	7.57E-03	5359	PLSCR1
201569_s_at	-0.4175	7.58E-03	25813	SAMM50
214110_s_at	0.9502	7.59E-03		
202965_s_at	1.2402	7.62E-03	827	CAPN6
205240_at	0.5070	7.62E-03	29899	GPSM2
201015_s_at	-0.5474	7.62E-03	3728	JUP
201649_at	0.4750	7.64E-03	9246	UBE2L6
201012_at	1.2471	7.65E-03	301	ANXA1
210146_x_at	0.1610	7.66E-03	10288	LILRB2
212428_at	-0.6420	7.68E-03	23392	KIAA0368
212671_s_at	1.3988	7.69E-03	3117	HLA-DQA1
212671_s_at	1.3988	7.69E-03	3118	HLA-DQA2
212671_s_at	1.3988	7.69E-03	3117	HLA-DQA1
212671_s_at	1.3988	7.69E-03	3118	HLA-DQA2
216054_x_at	0.3602	7.73E-03	4635	MYL4
200971_s_at	0.7983	7.74E-03	27230	SERP1
209683_at	0.3945	7.79E-03	81553	FAM49A
209835_x_at	0.5466	7.80E-03	960	CD44
201315_x_at	0.7176	7.81E-03	10581	IFITM2
200719_at	-0.3874	7.82E-03	6500	SKP1
213338_at	0.7848	7.83E-03	25907	TMEM158
200714_x_at	0.2363	7.88E-03	10956	OS9
217871_s_at	0.9040	7.89E-03	4282	MIF
221922_at	0.7516	7.89E-03	29899	GPSM2
201033_x_at	0.5945	7.91E-03	6175	RPLP0

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203568_s_at	0.2662	7.92E-03	10475	TRIM38
207571_x_at	0.3216	7.92E-03	9473	THEMIS2
202074_s_at	-0.9647	7.92E-03	10133	OPTN
211963_s_at	0.7048	7.94E-03	10092	ARPC5
218818_at	-0.8557	7.94E-03	2275	FHL3
204416_x_at	0.8977	7.95E-03	341	APOC1
202283_at	0.6609	7.96E-03	5176	SERPINF1
208745_at	-0.2909	8.01E-03	10632	ATP5L
200675_at	0.7643	8.01E-03	975	CD81
212082_s_at	1.1237	8.02E-03	4637	MYL6
219949_at	-0.9577	8.02E-03	79442	LRRC2
208813_at	-0.7454	8.03E-03	2805	GOT1
212130_x_at	-0.3613	8.04E-03	10209	EIF1
205812_s_at	0.6313	8.09E-03	54732	TMED9
201529_s_at	-0.3187	8.09E-03	6117	RPA1
202443_x_at	0.7520	8.10E-03	4853	NOTCH2
202860_at	-0.2284	8.10E-03	9909	DENND4B
207282_s_at	0.6583	8.17E-03	4656	MYOG
202910_s_at	0.3572	8.24E-03	976	CD97
219211_at	0.2215	8.25E-03	11274	USP18
47069_at	0.3960	8.33E-03	55615	PRR5
201570_at	-0.4383	8.34E-03	25813	SAMM50
217916_s_at	0.4203	8.35E-03	51571	FAM49B
200079_s_at	-0.2941	8.36E-03	3735	KARS
206870_at	-0.3163	8.37E-03	5465	PPARA
206771_at	-0.4525	8.38E-03	7380	UPK3A
36030_at	0.6178	8.42E-03	25900	IFFO1
34206_at	0.1699	8.47E-03	116985	ARAP1
220990_s_at	0.8612	8.47E-03	406991	MIR21
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200862_at	-0.5145	8.48E-03	1718	DHCR24
212998_x_at	1.1862	8.50E-03	100133583	
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212998_x_at	1.1862	8.50E-03	3119	HLA-DQB1
204483_at	-0.6206	8.50E-03	2027	ENO3
202502_at	-0.5457	8.51E-03	34	ACADM
212695_at	-0.3093	8.53E-03	1408	CRY2
204232_at	0.5367	8.54E-03	2207	FCER1G
200690_at	-0.3462	8.54E-03	3313	HSPA9
209906_at	0.4365	8.59E-03	719	C3AR1
213603_s_at	0.3584	8.65E-03	5880	RAC2
212551_at	-0.4605	8.66E-03	10486	CAP2
220367_s_at	-0.2010	8.66E-03	79595	SAP130
200995_at	-0.5177	8.70E-03	10527	IPO7
218876_at	1.0064	8.71E-03	51673	TPPP3
202175_at	0.1776	8.71E-03	79586	CHPF
212240_s_at	-0.8176	8.72E-03	5295	PIK3R1
211720_x_at	0.5833	8.74E-03	6175	RPLP0
203474_at	0.3825	8.76E-03	10788	IQGAP2
205485_at	-0.6341	8.78E-03	6261	RYR1
208907_s_at	-0.4871	8.80E-03	28973	MRPS18B
218552_at	-0.4983	8.88E-03	55268	ECHDC2
214797_s_at	0.3025	8.88E-03	5129	CDK18
212190_at	1.0521	8.89E-03	5270	SERPINE2

211983_x_at	0.9209	8.93E-03	71	ACTG1
211759_x_at	0.6117	9.03E-03	1155	TBCB
213247_at	0.2750	9.07E-03	79987	SVEP1
200839_s_at	1.0256	9.08E-03	1508	CTSB
209140_x_at	0.8051	9.09E-03	3106	HLA-B
201244_s_at	-0.3908	9.10E-03	5894	RAF1
200782_at	0.9078	9.11E-03	308	ANXA5
214054_at	0.2317	9.12E-03	9046	DOK2
201853_s_at	0.3908	9.13E-03	994	CDC25B
221666_s_at	0.5457	9.15E-03	29108	PYCARD
202133_at	1.3251	9.18E-03	25937	WWTR1
211654_x_at	0.7781	9.20E-03	3119	HLA-DQB1
212901_s_at	-0.3033	9.22E-03	23283	CSTF2T
202603_at	0.7485	9.23E-03	102	ADAM10
222154_s_at	0.6299	9.23E-03	26010	SPATS2L
209409_at	-0.6101	9.28E-03	2887	GRB10
200975_at	0.8375	9.32E-03	5538	PPT1
219386_s_at	0.1928	9.35E-03	56833	SLAMF8
203295_s_at	-0.8242	9.36E-03	477	ATP1A2
215001_s_at	-0.9113	9.39E-03	2752	GLUL
216264_s_at	0.6399	9.40E-03	3913	LAMB2
212274_at	-0.6114	9.42E-03	23175	LPIN1
207819_s_at	-0.3521	9.50E-03	5244	ABCB4
208944_at	0.8923	9.53E-03	7048	TGFBR2
200871_s_at	0.5114	9.53E-03	5660	PSAP
210183_x_at	0.5567	9.63E-03	5411	PNN
222288_at	0.8239	9.69E-03		
214590_s_at	-0.6604	9.74E-03	7321	UBE2D1
207275_s_at	-0.6143	9.80E-03	2180	ACSL1
211972_x_at	0.6081	9.84E-03	6175	RPLP0
201301_s_at	0.6449	9.89E-03	307	ANXA4
209500_x_at	0.3919	9.92E-03	407977	TNFSF12-TNFSF13
209500_x_at	0.3919	9.92E-03	8741	TNFSF13
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209500_x_at	0.3919	9.92E-03	8741	TNFSF13
201762_s_at	0.7069	9.92E-03	5721	PSME2
202309_at	-0.3618	1.00E-02	4522	MTHFD1
201848_s_at	-0.5160	1.01E-02	664	BNIP3
211582_x_at	0.4031	1.01E-02	7940	LST1
201859_at	1.3455	1.02E-02	5552	SRGN
213869_x_at	0.6532	1.02E-02	7070	THY1
204057_at	0.5646	1.02E-02	3394	IRF8
208296_x_at	0.4380	1.02E-02	25816	TNFAIP8
212363_x_at	0.7628	1.02E-02	71	ACTG1
201952_at	0.3739	1.02E-02	214	ALCAM
215823_x_at	0.7321	1.03E-02	26986	PABPC1
215823_x_at	0.7321	1.03E-02	51132	RLIM
215823_x_at	0.7321	1.03E-02	26986	PABPC1
215823_x_at	0.7321	1.03E-02	51132	RLIM
204480_s_at	0.6013	1.03E-02	79095	C9orf16
214045_at	-0.3187	1.04E-02	11019	LIAS
202432_at	-0.4221	1.04E-02	5532	PPP3CB
202902_s_at	0.7260	1.04E-02	1520	CTSS
219076_s_at	-0.4014	1.05E-02	5827	PXMP2
201492_s_at	0.2755	1.05E-02	6171	RPL41
208636_at	1.0415	1.05E-02	87	ACTN1
218831_s_at	0.4477	1.06E-02	2217	FCGRT

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219913_s_at	-0.3040	1.06E-02	51340	CRNKL1
217756_x_at	0.6052	1.06E-02	10169	SERF2
201847_at	1.2443	1.06E-02	3988	LIPA
212670_at	0.9687	1.07E-02	2006	ELN
218869_at	-0.6430	1.07E-02	23417	MLYCD
212988_x_at	0.8521	1.07E-02	71	ACTG1
209568_s_at	0.3858	1.07E-02	23179	RGL1
213905_x_at	0.8616	1.08E-02	633	BGN
208923_at	0.6897	1.08E-02	23191	CYFIP1
202957_at	0.5967	1.08E-02	3059	HCLS1
203523_at	0.5396	1.08E-02	4046	LSP1
204715_at	0.6908	1.09E-02	24145	PANX1
205011_at	0.3675	1.10E-02	4013	VWA5A
204112_s_at	1.0575	1.10E-02	3176	HNMT
203857_s_at	0.3294	1.10E-02	10954	PDIA5
209485_s_at	-0.4340	1.10E-02	114876	OSBPL1A
213932_x_at	0.6161	1.11E-02	3105	HLA-A
212361_s_at	-0.4967	1.12E-02	488	ATP2A2
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202417_at	-0.4409	1.12E-02	9817	KEAP1
217023_x_at	0.6225	1.12E-02	64499	TPSB2
217023_x_at	0.6225	1.12E-02	7177	TPSAB1
217023_x_at	0.6225	1.12E-02	64499	TPSB2
217023_x_at	0.6225	1.12E-02	7177	TPSAB1
221269_s_at	0.8495	1.12E-02	83442	SH3BGRL3
202733_at	0.7994	1.13E-02	8974	P4HA2
200715_x_at	0.4735	1.13E-02	23521	RPL13A
213113_s_at	0.3268	1.13E-02	29015	SLC43A3
203625_x_at	0.5043	1.13E-02	6502	SKP2
220856_x_at	0.4556	1.13E-02		
217757_at	0.8028	1.13E-02	2	A2M
215382_x_at	0.7139	1.14E-02	100507804	
215382_x_at	0.7139	1.14E-02	7177	TPSAB1
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215382_x_at	0.7139	1.14E-02	7177	TPSAB1
202073_at	-0.9737	1.14E-02	10133	OPTN
208018_s_at	0.5298	1.14E-02	3055	HCK
204067_at	-0.3362	1.14E-02	6821	SUOX
201858_s_at	1.0494	1.14E-02	5552	SRGN
214853_s_at	0.6667	1.15E-02	6464	SHC1
211575_s_at	-0.2194	1.15E-02	7337	UBE3A
202590_s_at	-0.5187	1.15E-02	5164	PDK2
209949_at	0.4767	1.15E-02	4688	NCF2
200003_s_at	0.6719	1.16E-02	6158	RPL28
205666_at	0.4043	1.16E-02	2326	FMO1
203531_at	-0.4301	1.16E-02	8065	CUL5
205775_at	-0.3284	1.16E-02	26240	FAM50B
201490_s_at	-0.5968	1.16E-02	10105	PPIF
205963_s_at	-0.2403	1.16E-02	9093	DNAJA3
208812_x_at	0.7522	1.17E-02	3107	HLA-C
201487_at	0.7622	1.17E-02	1075	CTSC
202021_x_at	-0.3957	1.17E-02	10209	EIF1
204997_at	-0.6509	1.17E-02	2819	GPD1
201471_s_at	-0.5571	1.18E-02	8878	SQSTM1
217456_x_at	0.5258	1.18E-02	3133	HLA-E
216231_s_at	0.7881	1.19E-02	567	B2M
219509_at	-0.3715	1.19E-02	58529	MYOZ1

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211700_s_at	0.3519	1.19E-02	7216	TRO
212456_at	-0.3432	1.20E-02	23277	KIAA0664
213762_x_at	-0.2946	1.21E-02	27316	RBMX
200838_at	0.7279	1.21E-02	1508	CTSB
213062_at	0.4844	1.21E-02	123803	NTAN1
213708_s_at	-0.2375	1.21E-02	6945	MLX
210084_x_at	0.6673	1.21E-02	7177	TPSAB1
210870_s_at	-0.4327	1.21E-02	7957	EPM2A
205073_at	0.6122	1.22E-02	1573	CYP2J2
212730_at	-0.4443	1.22E-02	23336	SYNM
209936_at	-0.2697	1.22E-02	10181	RBM5
213798_s_at	0.5954	1.24E-02	10487	CAP1
218412_s_at	-0.4471	1.24E-02	9569	GTF2IRD1
202664_at	0.6268	1.24E-02	7456	WIPF1
209681_at	-1.0573	1.25E-02	10560	SLC19A2
203085_s_at	0.7407	1.25E-02	7040	TGFB1
221497_x_at	-0.3548	1.25E-02	54583	EGLN1
207677_s_at	0.3480	1.25E-02	4689	NCF4
213225_at	-0.5536	1.25E-02	5495	PPM1B
203387_s_at	-0.5376	1.26E-02	9882	TBC1D4
201162_at	0.8974	1.26E-02	3490	IGFBP7
204775_at	-0.3150	1.26E-02	8208	CHAF1B
209435_s_at	0.2627	1.26E-02	9181	ARHGEF2
202779_s_at	0.5296	1.26E-02	27338	UBE2S
201944_at	0.8684	1.26E-02	3074	HEXB
212249_at	-0.4430	1.27E-02	5295	PIK3R1
31845_at	0.2432	1.27E-02	2000	ELF4
212509_s_at	0.7061	1.27E-02	439921	MXRA7
217975_at	0.9682	1.27E-02	51186	WBP5
218543_s_at	0.4410	1.27E-02	64761	PARP12
203549_s_at	-1.2413	1.27E-02	4023	LPL
202069_s_at	-0.4600	1.28E-02	3419	IDH3A
215313_x_at	0.8974	1.29E-02	3105	HLA-A
203139_at	0.4583	1.29E-02	1612	DAPK1
202454_s_at	0.6987	1.29E-02	2065	ERBB3
206682_at	0.5148	1.29E-02	10462	CLEC10A
210785_s_at	0.4192	1.29E-02	9473	THEMIS2
221253_s_at	0.8394	1.30E-02	63915	BLOC1S5
221253_s_at	0.8394	1.30E-02	81567	TXNDC5
221253_s_at	0.8394	1.30E-02	63915	BLOC1S5
221253_s_at	0.8394	1.30E-02	81567	TXNDC5
208612_at	0.7729	1.30E-02	2923	PDIA3
217226_s_at	0.2717	1.30E-02	81855	SFXN3
211762_s_at	0.5590	1.30E-02	3838	KPNA2
206742_at	-0.4231	1.31E-02	2277	FIGF
214749_s_at	0.6386	1.32E-02	54470	ARMCX6
205399_at	1.0500	1.32E-02	9201	DCLK1
200789_at	-0.5024	1.32E-02	1891	ECH1
211764_s_at	-0.6939	1.32E-02	7321	UBE2D1
202086_at	0.4998	1.32E-02	4599	MX1
211366_x_at	0.2036	1.33E-02	834	CASP1
203050_at	0.1645	1.33E-02	7158	TP53BP1
203561_at	0.3889	1.33E-02	2212	FCGR2A
207831_x_at	-0.3231	1.33E-02	1725	DHPS
201880_at	-0.3331	1.33E-02	25820	ARIH1
207134_x_at	0.7453	1.33E-02	64499	TPSB2
201885_s_at	0.5854	1.35E-02	1727	CYB5R3

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204352_at	0.3271	1.35E-02	7188	TRAF5
217771_at	0.2771	1.35E-02	51280	GOLM1
220937_s_at	0.3898	1.35E-02	27090	ST6GALNAC4
202096_s_at	0.4758	1.35E-02	706	TSPO
217362_x_at	0.3219	1.36E-02	3128	HLA-DRB6
200916_at	0.4452	1.36E-02	8407	TAGLN2
205683_x_at	0.8025	1.36E-02	7177	TPSAB1
207317_s_at	0.8424	1.37E-02	845	CASQ2
202825_at	-0.5836	1.37E-02	291	SLC25A4
211284_s_at	0.5898	1.37E-02	2896	GRN
212459_x_at	-0.4774	1.37E-02	8801	SUCLG2
202142_at	-0.1501	1.37E-02	10920	COPS8
201587_s_at	0.4859	1.38E-02	3654	IRAK1
AFFX-HSAC07/X00351_M_at	0.5756	1.38E-02	60	ACTB
210038_at	-0.4433	1.39E-02	5588	PRKCC
217672_x_at	-0.3037	1.39E-02	10209	EIF1
203659_s_at	-0.2523	1.39E-02	10206	TRIM13
219607_s_at	0.9798	1.40E-02	51338	MS4A4A
202994_s_at	0.8342	1.41E-02	2192	FBLN1
211725_s_at	0.3534	1.41E-02	637	BID
201506_at	1.0142	1.41E-02	7045	TGFBI
200886_s_at	0.7840	1.42E-02	5223	PGAM1
209417_s_at	0.2792	1.43E-02	3430	IFI35
203382_s_at	1.0902	1.43E-02	348	APOE
210916_s_at	0.3408	1.43E-02	960	CD44
204187_at	-0.7000	1.43E-02	2766	GMPR
212737_at	0.5367	1.43E-02	2760	GM2A
202436_s_at	0.4551	1.44E-02	1545	CYP1B1
200793_s_at	-0.5427	1.44E-02	50	ACO2
201900_s_at	0.4684	1.44E-02	10327	AKR1A1
203548_s_at	-1.3700	1.44E-02	4023	LPL
35626_at	0.2867	1.44E-02	6448	SGSH
215772_x_at	-0.4747	1.44E-02	8801	SUCLG2
213476_x_at	0.7796	1.44E-02	10381	TUBB3
202766_s_at	1.1327	1.44E-02	2200	FBN1
203087_s_at	0.4774	1.45E-02	3796	KIF2A
217963_s_at	0.6507	1.45E-02	27018	NGFRAP1
204740_at	-0.3557	1.46E-02	10256	CNKSR1
205053_at	-0.3751	1.46E-02	5557	PRIM1
218441_s_at	-0.3027	1.46E-02	26015	RPAP1
203083_at	0.6714	1.46E-02	7058	THBS2
200038_s_at	0.5947	1.46E-02	6139	RPL17
202686_s_at	0.6300	1.46E-02	558	AXL
208637_x_at	0.4898	1.47E-02	87	ACTN1
212779_at	-0.6031	1.47E-02	84162	KIAA1109
218346_s_at	-0.7792	1.47E-02	27244	SESN1
220116_at	-0.2128	1.48E-02	3781	KCNN2
212890_at	0.2757	1.48E-02	124565	SLC38A10
208660_at	-0.3646	1.48E-02	1431	CS
217125_at	-0.2378	1.48E-02		
212669_at	-0.4655	1.48E-02	818	CAMK2G
220992_s_at	-0.2404	1.48E-02	81627	TRMT1L
221837_at	-0.2172	1.49E-02	84861	KLHL22
201906_s_at	0.7069	1.50E-02	10217	CTDSPL
216032_s_at	0.5316	1.50E-02	51614	ERGIC3
213101_s_at	0.9528	1.51E-02	10096	ACTR3
44673_at	0.2223	1.51E-02	6614	SIGLEC1

208978_at	0.7370	1.51E-02	1397	CRIP2
204192_at	0.3176	1.51E-02	951	CD37
221551_x_at	0.3165	1.51E-02	27090	ST6GALNAC4
201891_s_at	0.6697	1.52E-02	567	B2M
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211289_x_at	-0.3108	1.52E-02	728642	CDK11A
211289_x_at	-0.3108	1.52E-02	984	CDK11B
211289_x_at	-0.3108	1.52E-02	728642	CDK11A
211289_x_at	-0.3108	1.52E-02	984	CDK11B
218273_s_at	-0.5680	1.52E-02	54704	PDP1
213800_at	1.0148	1.53E-02	3075	CFH
202165_at	-0.4012	1.53E-02	5504	PPP1R2
202245_at	-0.2415	1.53E-02	4047	LSS
216474_x_at	0.7511	1.54E-02	64499	TPSB2
216474_x_at	0.7511	1.54E-02	7177	TPSAB1
216474_x_at	0.7511	1.54E-02	64499	TPSB2
216474_x_at	0.7511	1.54E-02	7177	TPSAB1
202026_at	-0.3015	1.54E-02	6392	SDHD
211248_s_at	0.1800	1.54E-02	8646	CHRD
202043_s_at	0.4951	1.54E-02	6611	SMS
204491_at	-0.5898	1.54E-02	5144	PDE4D
202802_at	-0.4901	1.54E-02	1725	DHPS
201427_s_at	0.9549	1.55E-02	6414	SEPP1
208921_s_at	0.6337	1.55E-02	6717	SRI
205944_s_at	-0.4495	1.56E-02	8218	CLTCL1
202449_s_at	-0.3741	1.56E-02	6256	RXRA
204806_x_at	0.6115	1.56E-02	3134	HLA-F
202333_s_at	-0.4112	1.57E-02	7320	UBE2B
209043_at	0.4738	1.57E-02	9061	PAPSS1
203182_s_at	0.3949	1.57E-02	6733	SRPK2
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217549_at	0.3015	1.57E-02		
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218231_at	0.4495	1.58E-02	55577	NAGK
209879_at	0.3286	1.58E-02	6404	SELPLG
218550_s_at	-0.4882	1.58E-02	55222	LRRC20
202056_at	-0.5035	1.59E-02	3836	KPNA1
215933_s_at	0.1840	1.59E-02	3087	HHEX
204908_s_at	0.6407	1.60E-02	602	BCL3
205081_at	0.8039	1.60E-02	1396	CRIP1
221923_s_at	0.4674	1.60E-02	4869	NPM1
218304_s_at	-0.6024	1.60E-02	114885	OSBPL11
201508_at	0.8168	1.61E-02	3487	IGFBP4
200958_s_at	0.8423	1.61E-02	6386	SDCBP
200618_at	0.6257	1.61E-02	3927	LASP1
218226_s_at	-0.3394	1.61E-02	4710	NDUFB4
212233_at	0.5135	1.62E-02	4131	MAP1B
208634_s_at	0.6761	1.63E-02	23499	MACF1
203063_at	0.2644	1.63E-02	9647	PPM1F
209620_s_at	-0.2854	1.63E-02	22	ABCB7
209410_s_at	-0.6637	1.64E-02	2887	GRB10
218251_at	-0.5330	1.64E-02	58526	MID1IP1
213988_s_at	0.5337	1.65E-02	6303	SAT1
212704_at	-0.2226	1.65E-02	23318	ZCCHC11
37005_at	0.4397	1.65E-02	4681	NBL1
200967_at	1.1680	1.65E-02	5479	PIIB
213217_at	-0.4317	1.65E-02	108	ADCY2

203131_at	1.1518	1.66E-02	5156	PDGFRA
209170_s_at	0.6479	1.66E-02	2824	GPM6B
202295_s_at	0.4969	1.66E-02	1512	CTSH
205736_at	-0.7125	1.66E-02	5224	PGAM2
200968_s_at	1.2503	1.66E-02	5479	PIIB
202145_at	0.4033	1.66E-02	4061	LY6E
203140_at	-0.5155	1.67E-02	604	BCL6
201938_at	0.7934	1.67E-02	8099	CDK2AP1
202708_s_at	-0.4315	1.67E-02	8349	HIST2H2BE
204834_at	0.9434	1.67E-02	10875	FGL2
209960_at	0.2818	1.67E-02	3082	HGF
221480_at	-0.1280	1.67E-02	3184	HNRNPD
202055_at	-0.3669	1.68E-02	3836	KPNA1
209747_at	0.2797	1.69E-02	7043	TGFB3
208729_x_at	0.7569	1.69E-02	3106	HLA-B
201368_at	0.8175	1.69E-02	678	ZFP36L2
205444_at	-0.4863	1.69E-02	487	ATP2A1
205269_at	0.2415	1.69E-02	3937	LCP2
219700_at	0.5841	1.69E-02	57125	PLXDC1
217628_at	-0.5143	1.70E-02	53405	CLIC5
212085_at	0.8175	1.70E-02	293	SLC25A6
201494_at	0.6178	1.70E-02	5547	PRCP
201553_s_at	0.8061	1.70E-02	3916	LAMP1
201370_s_at	-0.2347	1.70E-02	8452	CUL3
201231_s_at	0.7233	1.71E-02	2023	ENO1
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222073_at	-1.0917	1.72E-02	1285	COL4A3
218530_at	-0.5079	1.73E-02	29109	FHOD1
201645_at	1.0173	1.73E-02	3371	TNC
204790_at	-0.2743	1.74E-02	4092	SMAD7
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201312_s_at	1.3086	1.75E-02	6451	SH3BGRL
201849_at	-0.5453	1.75E-02	664	BNIP3
211787_s_at	0.7710	1.75E-02	1973	EIF4A1
203923_s_at	0.4103	1.75E-02	1536	CYBB
209318_x_at	1.2782	1.75E-02	5325	PLAGL1
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202252_at	0.7005	1.76E-02	5872	RAB13
207000_s_at	-0.3574	1.76E-02	5533	PPP3CC
203360_s_at	0.2922	1.76E-02	26292	MYCBP
203052_at	0.2358	1.76E-02	717	C2
215303_at	0.3691	1.77E-02	9201	DCLK1
212820_at	0.4717	1.77E-02	23312	DMXL2
203685_at	-0.4648	1.78E-02	596	BCL2
200868_s_at	-0.2767	1.78E-02	55905	RNF114
202194_at	-0.3582	1.78E-02	50999	TMED5
212215_at	0.9423	1.78E-02	9581	PREPL
200905_x_at	0.6060	1.79E-02	3133	HLA-E
201876_at	0.5990	1.80E-02	5445	PON2
218094_s_at	-0.4764	1.80E-02	55861	DBNDD2
218094_s_at	-0.4764	1.80E-02	767557	SYS1-DBNDD2
218094_s_at	-0.4764	1.80E-02	90196	SYS1
218094_s_at	-0.4764	1.80E-02	55861	DBNDD2
218094_s_at	-0.4764	1.80E-02	767557	SYS1-DBNDD2
218094_s_at	-0.4764	1.80E-02	90196	SYS1
218094_s_at	-0.4764	1.80E-02	55861	DBNDD2

218094_s_at	-0.4764	1.80E-02	767557	SYS1-DBNDD2
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202016_at	1.1396	1.81E-02	4232	MEST
210840_s_at	0.3722	1.82E-02	8826	IQGAP1
204222_s_at	0.4518	1.82E-02	11010	GLIPR1
200934_at	-0.3313	1.82E-02	7913	DEK
219866_at	-0.6565	1.83E-02	53405	CLIC5
202626_s_at	0.3393	1.83E-02	4067	LYN
208890_s_at	0.7064	1.83E-02	23654	PLXNB2
201040_at	0.2021	1.83E-02	2771	GNAI2
64942_at	0.1681	1.84E-02	387509	GPR153
201053_s_at	-0.2530	1.84E-02	9491	PSMF1
200791_s_at	0.6442	1.84E-02	8826	IQGAP1
211776_s_at	0.4724	1.84E-02	23136	EPB41L3
206277_at	-0.3302	1.84E-02	5029	P2RY2
33494_at	-0.3868	1.84E-02	2110	ETFDH
209994_s_at	-0.2085	1.85E-02	5243	ABCB1
209994_s_at	-0.2085	1.85E-02	5244	ABCB4
209994_s_at	-0.2085	1.85E-02	5243	ABCB1
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200625_s_at	0.7407	1.86E-02	10487	CAP1
212427_at	-0.2960	1.86E-02	23392	KIAA0368
218205_s_at	-0.6179	1.86E-02	2872	MKNK2
202464_s_at	-1.4572	1.86E-02	5209	PFKFB3
37408_at	0.4606	1.86E-02	9902	MRC2
212904_at	-0.3947	1.87E-02	57470	LRRRC47
201161_s_at	-0.6080	1.87E-02	8531	CSDA
213451_x_at	0.5937	1.87E-02	7146	TNXA
213451_x_at	0.5937	1.87E-02	7148	TNXB
213451_x_at	0.5937	1.87E-02	7146	TNXA
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211395_x_at	0.2571	1.87E-02	9103	FCGR2C
200743_s_at	0.4965	1.88E-02	1200	TPP1
203799_at	0.7251	1.88E-02	9936	CD302
200028_s_at	-0.3403	1.88E-02	56910	STARD7
205573_s_at	0.8017	1.88E-02	51375	SNX7
202982_s_at	-0.4992	1.89E-02	10965	ACOT2
202982_s_at	-0.4992	1.89E-02	641371	ACOT1
202982_s_at	-0.4992	1.89E-02	10965	ACOT2
202982_s_at	-0.4992	1.89E-02	641371	ACOT1
218574_s_at	-0.5728	1.89E-02	29995	LMCD1
204959_at	0.4683	1.89E-02	4332	MNDA
201786_s_at	0.5258	1.89E-02	103	ADAR
200677_at	0.6970	1.91E-02	754	PTTG1IP
46665_at	0.2337	1.91E-02	54910	SEMA4C
204810_s_at	-0.2961	1.91E-02	1158	CKM
204489_s_at	0.4572	1.91E-02	960	CD44
213109_at	-0.3011	1.91E-02	23043	TNIK
201530_x_at	0.7519	1.92E-02	1973	EIF4A1
201443_s_at	1.1531	1.93E-02	10159	ATP6AP2
207382_at	-0.4604	1.93E-02	8626	TP63
200966_x_at	-0.4260	1.93E-02	226	ALDOA
212760_at	-0.2463	1.94E-02	23304	UBR2
212854_x_at	0.6611	1.94E-02	100132406	NBPF10
211732_x_at	0.2827	1.94E-02	3176	HNMT
200742_s_at	0.4571	1.94E-02	1200	TPP1
208864_s_at	1.0061	1.95E-02	7295	TXN



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218008_at	0.4205	1.95E-02	55069	TMEM248
200713_s_at	0.4578	1.96E-02	22919	MAPRE1
204278_s_at	-0.2510	1.96E-02	9166	EBAG9
201409_s_at	-0.3572	1.96E-02	5500	PPP1CB
211527_x_at	-0.4222	1.97E-02	7422	VEGFA
201331_s_at	0.3271	1.97E-02	6778	STAT6
203230_at	-0.3965	1.97E-02	1855	DVL1
213815_x_at	-0.2169	1.98E-02	58509	CACTIN
212432_at	-0.2459	1.98E-02	80273	GRPEL1
212231_at	-0.3178	1.98E-02	23014	FBXO21
218376_s_at	0.5241	2.00E-02	64780	MICAL1
209785_s_at	-0.4060	2.00E-02	8605	PLA2G4C
208997_s_at	0.6073	2.00E-02	7351	UCP2
214475_x_at	-0.6512	2.00E-02	825	CAPN3
204220_at	0.4457	2.00E-02	9535	GMFG
201963_at	-0.5844	2.01E-02	2180	ACSL1
203167_at	0.2494	2.01E-02	7077	TIMP2
203485_at	0.2923	2.01E-02	6252	RTN1
221502_at	-0.4802	2.02E-02	3839	KPNA3
207002_s_at	0.8930	2.02E-02	5325	PLAGL1
219118_at	0.1543	2.02E-02	51303	FKBP11
218684_at	0.3963	2.03E-02	55144	LRRRC8D
205934_at	-0.3938	2.04E-02	5334	PLCL1
206275_s_at	-0.2187	2.04E-02	9645	MICAL2
211529_x_at	0.4381	2.05E-02	3135	HLA-G
212377_s_at	0.5360	2.05E-02	4853	NOTCH2
212217_at	0.9326	2.05E-02	9581	PREPL
201642_at	0.4038	2.06E-02	3460	IFNGR2
201017_at	-0.2915	2.06E-02	1964	EIF1AX
203598_s_at	-0.2132	2.06E-02	11193	WBP4
208845_at	-0.2790	2.07E-02	7419	VDAC3
213423_x_at	0.7560	2.07E-02	7991	TUSC3
205786_s_at	0.5504	2.08E-02	3684	ITGAM
209513_s_at	-0.3947	2.08E-02	84263	HSDL2
209296_at	-0.3576	2.08E-02	5495	PPM1B
211596_s_at	-0.3716	2.09E-02	26018	LRIG1
217961_at	-0.2429	2.09E-02	54977	SLC25A38
204607_at	-1.3623	2.09E-02	3158	HMGCS2
208012_x_at	0.1556	2.10E-02	3431	SP110
213333_at	-0.3169	2.10E-02	4191	MDH2
212843_at	0.4574	2.10E-02	4684	NCAM1
203180_at	0.2418	2.10E-02	220	ALDH1A3
222275_at	-0.4220	2.11E-02		
212151_at	-0.3357	2.11E-02	5087	PBX1
206214_at	0.2244	2.12E-02	7941	PLA2G7
219983_at	-0.3712	2.12E-02	57110	HRASLS
209489_at	0.2016	2.12E-02	10658	CELF1
217805_at	-0.2939	2.13E-02	3609	ILF3
207349_s_at	-1.3533	2.13E-02	7352	UCP3
200989_at	1.0362	2.13E-02	3091	HIF1A
200999_s_at	0.9169	2.13E-02	10970	CKAP4
202919_at	-0.1477	2.14E-02	25843	MOB4
213291_s_at	-0.2521	2.14E-02	7337	UBE3A
202201_at	-0.4028	2.15E-02	645	BLVRB
201656_at	0.5152	2.15E-02	3655	ITGA6
210999_s_at	-0.8660	2.16E-02	2887	GRB10
212992_at	0.7391	2.16E-02	113146	AHNAK2

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201010_s_at	-0.4733	2.16E-02	10628	TXNIP
201489_at	-0.3808	2.16E-02	10105	PIIF
203570_at	1.1445	2.16E-02	4016	LOXL1
200600_at	0.8100	2.16E-02	4478	MSN
205773_at	-0.4313	2.17E-02	22849	CPEB3
203320_at	0.4542	2.17E-02	10019	SH2B3
202122_s_at	0.6166	2.17E-02	10226	PLIN3
209524_at	0.6131	2.17E-02	50810	HDGFRP3
212159_x_at	0.3502	2.17E-02	161	AP2A2
215030_at	-0.2736	2.18E-02	2926	GRSF1
219827_at	-0.9352	2.19E-02	7352	UCP3
210186_s_at	0.4800	2.19E-02	2280	FKBP1A
211273_s_at	-0.5113	2.19E-02	6899	TBX1
203339_at	-0.2854	2.20E-02	8604	SLC25A12
213698_at	0.4600	2.20E-02	100130633	
213698_at	0.4600	2.20E-02	9204	ZMYM6
213698_at	0.4600	2.20E-02	100130633	
213698_at	0.4600	2.20E-02	9204	ZMYM6
202820_at	0.4519	2.20E-02	196	AHR
213329_at	0.2299	2.21E-02	23380	SRGAP2
209335_at	0.9604	2.21E-02	1634	DCN
204881_s_at	0.9503	2.22E-02	7357	UGCG
213068_at	1.1290	2.22E-02	1805	DPT
203516_at	-0.5347	2.23E-02	6640	SNTA1
212681_at	0.4387	2.23E-02	23136	EPB41L3
49452_at	-0.5668	2.24E-02	32	ACACB
218095_s_at	0.3578	2.24E-02	55858	TMEM165
201372_s_at	-0.1403	2.25E-02	8452	CUL3
206844_at	-0.8734	2.26E-02	8789	FBP2
213624_at	-0.4148	2.26E-02	10924	SMPDL3A
221588_x_at	-0.5633	2.26E-02	4329	ALDH6A1
201565_s_at	0.8142	2.27E-02	3398	ID2
201288_at	0.7756	2.28E-02	397	ARHGDIB
203863_at	-0.5218	2.28E-02	88	ACTN2
209350_s_at	-0.3307	2.28E-02	2874	GPS2
208626_s_at	0.1825	2.29E-02	10493	VAT1
217908_s_at	-0.4050	2.29E-02	55827	DCAF6
201260_s_at	-0.3730	2.29E-02	6856	SYPL1
212537_x_at	0.6583	2.31E-02	6139	RPL17
201095_at	0.2685	2.31E-02	1611	DAP
218130_at	0.3166	2.33E-02	79415	C17orf62
212192_at	1.3687	2.33E-02	115207	KCTD12
201180_s_at	0.6957	2.33E-02	2773	GNAI3
214167_s_at	0.6593	2.34E-02	220717	RPLP0P6
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214167_s_at	0.6593	2.34E-02	220717	RPLP0P6
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204290_s_at	-0.5571	2.34E-02	4329	ALDH6A1
206895_at	-0.5091	2.35E-02	5506	PPP1R3A
202117_at	0.4364	2.35E-02	392	ARHGAP1
212354_at	0.4072	2.35E-02	23213	SULF1
205026_at	-0.2343	2.35E-02	6777	STAT5B
214687_x_at	-0.4210	2.36E-02	226	ALDOA
209026_x_at	0.5314	2.37E-02	203068	TUBB
221840_at	0.3669	2.37E-02	5791	PTPRE
209228_x_at	0.4948	2.38E-02	7991	TUSC3

209888_s_at	0.1575	2.38E-02	4632	MYL1
41220_at	0.2438	2.38E-02	10801	9-Sep
208130_s_at	0.2070	2.38E-02	6916	TBXAS1
205226_at	0.7991	2.38E-02	5157	PDGFRL
209605_at	-0.4288	2.38E-02	7263	TST
209244_s_at	-0.4140	2.39E-02	10749	KIF1C
208335_s_at	0.6408	2.39E-02	2532	DARC
222113_s_at	-0.3273	2.40E-02	58513	EPS15L1
216205_s_at	-0.5309	2.41E-02	9927	MFN2
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201282_at	-0.4752	2.41E-02	4967	OGDH
213306_at	-0.1730	2.41E-02	8777	MPDZ
211921_x_at	0.8442	2.41E-02	5757	PTMA
218418_s_at	0.6252	2.42E-02	25959	KANK2
208886_at	-0.2873	2.42E-02	3005	H1F0
206315_at	-0.2248	2.42E-02	9244	CRLF1
203855_at	-0.3821	2.42E-02	22911	WDR47
221564_at	0.2736	2.43E-02	3275	PRMT2
202811_at	-0.2906	2.44E-02	10617	STAMBP
200955_at	-0.3512	2.44E-02	10989	IMMT
212012_at	0.7093	2.44E-02	7837	PXDN
204117_at	-0.3300	2.45E-02	5550	PREP
203846_at	-0.3450	2.45E-02	22954	TRIM32
214769_at	-0.3031	2.46E-02	1183	CLCN4
202237_at	1.4306	2.46E-02	4837	NNMT
203041_s_at	0.5037	2.46E-02	3920	LAMP2
202357_s_at	0.2649	2.46E-02	629	CFB
221355_at	0.2155	2.47E-02	1146	CHRNA7
215010_s_at	-0.2638	2.48E-02	9024	BRSK2
217795_s_at	0.2941	2.48E-02	79188	TMEM43
204114_at	0.9039	2.48E-02	22795	NID2
200634_at	0.8023	2.48E-02	5216	PFN1
38241_at	0.2580	2.48E-02	10384	BTN3A3
208113_x_at	0.8123	2.49E-02	5042	PABPC3
212796_s_at	0.4988	2.49E-02	23102	TBC1D2B
65718_at	0.1606	2.49E-02	25960	GPR124
206981_at	-0.2708	2.49E-02	6329	SCN4A
202284_s_at	0.8849	2.50E-02	1026	CDKN1A
202962_at	0.2975	2.51E-02	23303	KIF13B
221739_at	0.2873	2.51E-02	56005	C19orf10
222116_s_at	0.3957	2.51E-02	125058	TBC1D16
217289_s_at	-0.3382	2.51E-02	2542	SLC37A4
213598_at	0.2530	2.51E-02		
202486_at	-0.2898	2.52E-02	10939	AFG3L2
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46270_at	-0.1629	2.52E-02	51271	UBAP1
222099_s_at	-0.2010	2.53E-02	26065	LSM14A
209732_at	0.7420	2.53E-02	9976	CLEC2B
217838_s_at	0.4702	2.53E-02	51466	EVL
219728_at	-0.3790	2.53E-02	9499	MYOT
210830_s_at	0.6272	2.54E-02	5445	PON2
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217623_at	-0.3597	2.55E-02	91807	MYLK3
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202111_at	0.2780	2.57E-02	6522	SLC4A2
208620_at	-0.2834	2.57E-02	5093	PCBP1
217766_s_at	0.3219	2.58E-02	23585	TMEM50A

213293_s_at	0.8216	2.58E-02	10346	TRIM22
211558_s_at	-0.2395	2.58E-02	1725	DHPS
215039_at	0.4117	2.59E-02	339524	LOC339524
215039_at	0.4117	2.59E-02	9653	HS2ST1
215039_at	0.4117	2.59E-02	339524	LOC339524
215039_at	0.4117	2.59E-02	9653	HS2ST1
212658_at	0.2659	2.59E-02	10184	LHFPL2
208851_s_at	0.5255	2.60E-02	7070	THY1
214978_s_at	0.4300	2.60E-02	8497	PPFIA4
210314_x_at	0.3138	2.61E-02	8741	TNFSF13
202741_at	0.6097	2.61E-02	5567	PRKACB
205163_at	0.3770	2.61E-02	29895	MYLPF
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209083_at	0.3784	2.61E-02	11151	CORO1A
212504_at	-0.2799	2.62E-02	22982	DIP2C
202306_at	0.3180	2.62E-02	5436	POLR2G
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221648_s_at	-0.6501	2.64E-02	100507192	
217867_x_at	0.3157	2.64E-02	25825	BACE2
221027_s_at	-0.2279	2.65E-02	81579	PLA2G12A
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218162_at	0.5348	2.65E-02	56944	OLFML3
212588_at	0.7880	2.65E-02	5788	PTPRC
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208615_s_at	-0.3588	2.66E-02	8073	PTP4A2
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204173_at	0.7506	2.66E-02	140465	MYL6B
211075_s_at	0.5834	2.67E-02	961	CD47
213149_at	-0.3834	2.67E-02	1737	DLAT
210105_s_at	0.7169	2.68E-02	2534	FYN
200599_s_at	0.7152	2.68E-02	7184	HSP90B1
210817_s_at	-0.2475	2.68E-02	10241	CALCOCO2
213135_at	0.4435	2.69E-02	7074	TIAM1
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202605_at	0.5489	2.69E-02	2990	GUSB
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221578_at	0.2572	2.72E-02	83937	RASSF4
218084_x_at	0.2915	2.72E-02	53827	FXYD5
203678_at	-0.2181	2.72E-02	22909	FAN1
221056_x_at	-0.2552	2.73E-02	58513	EPS15L1
201535_at	-0.2421	2.73E-02	5412	UBL3
214459_x_at	0.5599	2.73E-02	3107	HLA-C
211528_x_at	0.4926	2.73E-02	3135	HLA-G
202000_at	-0.2463	2.73E-02	4700	NDUFA6
207614_s_at	-0.2494	2.73E-02	8454	CUL1
202375_at	0.3530	2.73E-02	9871	SEC24D
212320_at	0.7061	2.74E-02	203068	TUBB
208858_s_at	0.4876	2.74E-02	23344	ESYT1
203725_at	0.9874	2.75E-02	1647	GADD45A
221760_at	0.7430	2.75E-02	4121	MAN1A1
202394_s_at	-0.2013	2.75E-02	55324	ABCF3
203542_s_at	-0.5796	2.76E-02	687	KLF9
202363_at	0.3638	2.77E-02	6695	SPOCK1
221693_s_at	-0.2284	2.78E-02	55168	MRPS18A
211952_at	-0.1827	2.79E-02	3843	IPO5
219944_at	-0.2475	2.79E-02	79745	CLIP4

212907_at	0.5344	2.79E-02	7779	SLC30A1
202897_at	0.4347	2.80E-02	140885	SIRPA
203864_s_at	-0.4735	2.81E-02	88	ACTN2
204934_s_at	-0.4205	2.81E-02	3249	HPN
201669_s_at	1.2201	2.81E-02	4082	MARCKS
202772_at	-0.3219	2.81E-02	3155	HMGCL
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212451_at	-0.2429	2.81E-02	9728	SECISBP2L
209436_at	0.4286	2.81E-02	10418	SPON1
203327_at	-0.2611	2.82E-02	3416	IDE
218096_at	0.5837	2.82E-02	55326	AGPAT5
207655_s_at	0.2570	2.83E-02	29760	BLNK
213801_x_at	0.5435	2.83E-02	3921	RPSA
214835_s_at	-0.3773	2.83E-02	8801	SUCLG2
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204584_at	0.2126	2.84E-02	3897	L1CAM
212268_at	0.5490	2.84E-02	1992	SERPINB1
201080_at	-0.2003	2.84E-02	8396	PIP4K2B
209141_at	-0.3864	2.85E-02	7326	UBE2G1
209002_s_at	-0.3492	2.86E-02	57658	CALCOCO1
203879_at	0.2517	2.86E-02	5293	PIK3CD
201621_at	0.3333	2.86E-02	4681	NBL1
202577_s_at	-0.2574	2.86E-02	55308	DDX19A
218959_at	-0.3319	2.87E-02	3226	HOXC10
46256_at	-0.1930	2.88E-02	90864	SPSB3
202609_at	0.7406	2.88E-02	2059	EPS8
200773_x_at	0.5750	2.89E-02	5757	PTMA
203758_at	0.3417	2.89E-02	1519	CTSO
202963_at	0.2364	2.89E-02	5993	RFX5
217515_s_at	-0.5003	2.89E-02	779	CACNA1S
203279_at	0.1585	2.89E-02	9695	EDEM1
203044_at	0.6127	2.91E-02	22856	CHSY1
201577_at	0.5296	2.91E-02	4830	NME1
209124_at	0.2490	2.92E-02	4615	MYD88
201445_at	0.8448	2.93E-02	1266	CNN3
202966_at	0.7188	2.93E-02	827	CAPN6
218841_at	-0.3112	2.93E-02	140461	ASB8
211994_at	-0.2216	2.94E-02	65125	WNK1
201067_at	-0.3020	2.95E-02	5701	PSMC2
201063_at	0.5078	2.95E-02	5954	RCN1
204497_at	-0.3935	2.95E-02	115	ADCY9
216379_x_at	0.5784	2.95E-02	100133941	CD24
212701_at	-0.2625	2.96E-02	83660	TLN2
212350_at	0.3713	2.96E-02	23216	TBC1D1
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205530_at	-0.4367	2.97E-02	2110	ETFDH
219354_at	-0.2657	2.97E-02	55295	KLHL26
201069_at	0.6012	2.98E-02	4313	MMP2
204868_at	-0.3520	2.98E-02	3396	ICT1
211715_s_at	-0.3938	2.98E-02	622	BDH1
201909_at	1.0829	2.98E-02	6192	RPS4Y1
209955_s_at	0.5172	2.98E-02	2191	FAP
221746_at	-0.2736	2.98E-02	8266	UBL4A
214919_s_at	-0.6018	2.99E-02	404734	ANKHD1-EIF4EBP3
214919_s_at	-0.6018	2.99E-02	8637	EIF4EBP3
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218387_s_at	0.5111	2.99E-02	25796	PGLS
204915_s_at	0.2759	3.01E-02	6664	SOX11
213496_at	0.3021	3.02E-02	9890	LPPR4
207358_x_at	0.7226	3.02E-02	23499	MACF1
205098_at	0.3839	3.02E-02	1230	CCR1
204742_s_at	-0.2058	3.03E-02	23047	PDS5B
57715_at	0.3576	3.03E-02	51063	CALHM2
205498_at	-0.5018	3.04E-02	2690	GHR
203795_s_at	-0.2681	3.04E-02	605	BCL7A
214170_x_at	-0.3140	3.04E-02	2271	FH
201103_x_at	0.6491	3.05E-02	100132406	NBPF10
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201103_x_at	0.6491	3.05E-02	284565	NBPF15
201103_x_at	0.6491	3.05E-02	400818	NBPF9
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201103_x_at	0.6491	3.05E-02	728912	NBPF24
201103_x_at	0.6491	3.05E-02	728936	NBPF16
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212894_at	-0.3162	3.07E-02	6832	SUPV3L1
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221218_s_at	0.1950	3.08E-02	27010	TPK1
201398_s_at	0.7602	3.08E-02	23471	TRAM1
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201609_x_at	0.5849	3.26E-02	23463	ICMT
201455_s_at	-0.2451	3.27E-02	9520	NPEPPS
204776_at	1.4258	3.27E-02	7060	THBS4
207110_at	-0.4348	3.27E-02	3768	KCNJ12
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201163_s_at	0.8796	3.29E-02	3490	IGFBP7
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210716_s_at	-0.4775	3.30E-02	6249	CLIP1
43427_at	-0.4627	3.31E-02	32	ACACB
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210926_at	0.2038	3.33E-02	440915	POTEKP
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203739_at	0.1857	3.37E-02	7764	ZNF217
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216515_x_at	0.5248	3.39E-02	5757	PTMA
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211270_x_at	0.5185	3.47E-02	5725	PTBP1
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214894_x_at	0.6165	3.52E-02	23499	MACF1
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218432_at	-0.3720	3.53E-02	26273	FBXO3
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40465_at	-0.1422	3.54E-02	9416	DDX23
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212826_s_at	0.7140	3.55E-02	293	SLC25A6
220559_at	-0.2691	3.55E-02	2019	EN1
201828_x_at	0.4732	3.56E-02	8933	FAM127A
217899_at	0.3255	3.58E-02	54867	TMEM214
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212309_at	-0.3413	3.59E-02	23122	CLASP2
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205859_at	0.2572	3.59E-02	9450	LY86
202995_s_at	0.8720	3.60E-02	2192	FBLN1
204439_at	0.8954	3.60E-02	10964	IFI44L
209306_s_at	0.5014	3.62E-02	23075	SWAP70
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211714_x_at	0.5784	3.64E-02	203068	TUBB
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201622_at	0.3033	3.68E-02	27044	SND1
57163_at	0.2429	3.68E-02	64834	ELOVL1
201697_s_at	0.5683	3.69E-02	1786	DNMT1
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211071_s_at	0.8527	3.70E-02	10962	MLLT11
211752_s_at	-0.6012	3.71E-02	374291	NDUFS7
202769_at	0.7446	3.71E-02	901	CCNG2
209444_at	0.2910	3.72E-02	5910	RAP1GDS1
207781_s_at	-0.0918	3.72E-02	7552	ZNF711
208033_s_at	-0.2131	3.72E-02	463	ZFHX3
218461_at	-0.1381	3.73E-02	51184	GPN3
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211711_s_at	0.2636	3.76E-02	5728	PTEN
217865_at	0.4256	3.76E-02	55819	RNF130
202070_s_at	-0.2903	3.77E-02	3419	IDH3A
212171_x_at	-0.4449	3.77E-02	7422	VEGFA
219599_at	-0.4077	3.77E-02	1975	EIF4B
202262_x_at	0.4262	3.77E-02	23564	DDAH2
213160_at	0.2793	3.78E-02	1794	DOCK2
220731_s_at	0.3140	3.78E-02	55707	NECAP2
208374_s_at	0.6069	3.78E-02	829	CAPZA1
217830_s_at	-0.2594	3.78E-02	55968	NSFL1C
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204070_at	0.8095	3.79E-02	5920	RARRES3
221643_s_at	-0.4719	3.80E-02	473	RERE
200771_at	0.5098	3.80E-02	3915	LAMC1
203006_at	-0.2465	3.80E-02	3632	INPP5A
221447_s_at	0.2665	3.81E-02	83468	GLT8D2
213001_at	0.5745	3.81E-02	23452	ANGPTL2
37384_at	0.1789	3.81E-02	9647	PPM1F
213546_at	0.4261	3.82E-02	222161	DKFZP586I1420
210976_s_at	-0.4574	3.84E-02	5213	PFKM
210719_s_at	0.4422	3.84E-02	10362	HMG20B
214285_at	-0.5861	3.85E-02	2170	FABP3
214574_x_at	0.2315	3.86E-02	7940	LST1
221078_s_at	0.1527	3.86E-02	55704	CCDC88A
202329_at	0.2054	3.86E-02	1445	CSK
218320_s_at	-0.3682	3.87E-02	54539	NDUFB11
201636_at	-0.3131	3.87E-02	8087	FXR1
201818_at	0.2084	3.87E-02	79888	LPCAT1
210794_s_at	1.0202	3.87E-02	55384	MEG3
208563_x_at	-0.2005	3.88E-02	5455	POU3F3
204789_at	0.2316	3.88E-02	752	FMNL1
219984_s_at	-0.3676	3.88E-02	57110	HRASLS
217979_at	0.6369	3.88E-02	27075	TSPAN13
203741_s_at	0.4025	3.89E-02	113	ADCY7
209261_s_at	-0.3494	3.91E-02	2063	NR2F6
220291_at	-0.2891	3.91E-02	54857	GDPD2
207312_at	-0.5344	3.92E-02	5260	PHKG1
219041_s_at	-0.2585	3.92E-02	29803	REPIN1
218694_at	0.6650	3.93E-02	51309	ARMCX1
221676_s_at	0.4394	3.93E-02	23603	CORO1C
203020_at	0.3584	3.94E-02	9910	RABGAP1L
218001_at	-0.2632	3.94E-02	51116	MRPS2
201800_s_at	-0.2143	3.94E-02	5007	OSBP
209759_s_at	-0.4085	3.94E-02	1632	ECI1
201579_at	0.4230	3.95E-02	2195	FAT1
205354_at	-0.5213	3.95E-02	2593	GAMT
212148_at	-0.2094	3.96E-02	5087	PBX1
210260_s_at	0.3924	3.96E-02	25816	TNFAIP8
208030_s_at	-0.2172	3.96E-02	118	ADD1
209512_at	-0.4489	3.96E-02	84263	HSDL2
203508_at	0.2680	3.97E-02	7133	TNFRSF1B
214912_at	-0.3475	3.98E-02		
203939_at	0.4253	3.98E-02	4907	NT5E
209200_at	0.6837	3.98E-02	4208	MEF2C
207323_s_at	-0.3455	3.98E-02	4155	MBP
208999_at	0.3882	3.99E-02	23176	8-Sep
200996_at	0.8167	3.99E-02	10096	ACTR3
212096_s_at	-0.4031	4.00E-02	57509	MTUS1
209475_at	-0.2435	4.00E-02	9958	USP15
212715_s_at	-0.2504	4.01E-02	57553	MICAL3
203610_s_at	0.3570	4.01E-02	10475	TRIM38
213418_at	0.3504	4.01E-02	3310	HSPA6
212216_at	0.7420	4.01E-02	9581	PREPL
218016_s_at	-0.2185	4.04E-02	55718	POLR3E
212334_at	0.5530	4.04E-02	2799	GNS
203693_s_at	0.2336	4.05E-02	1871	E2F3
213994_s_at	0.2559	4.05E-02	10418	SPON1
205610_at	-0.4037	4.05E-02	8736	MYOM1

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203417_at	0.2792	4.06E-02	4237	MFAP2
203423_at	0.4670	4.07E-02	5947	RBP1
205030_at	-0.4680	4.07E-02	2173	FABP7
213716_s_at	0.2369	4.08E-02	6398	SECTM1
217874_at	-0.2924	4.08E-02	8802	SUCLG1
201683_x_at	-0.2464	4.08E-02	9878	TOX4
216033_s_at	0.3546	4.08E-02	2534	FYN
202763_at	0.2742	4.09E-02	836	CASP3
210517_s_at	0.5366	4.09E-02	9590	AKAP12
212388_at	-0.2724	4.10E-02	23358	USP24
208809_s_at	0.7091	4.12E-02	81688	C6orf62
201201_at	0.7097	4.12E-02	1476	CSTB
204217_s_at	-0.4666	4.13E-02	6253	RTN2
206050_s_at	0.3830	4.13E-02	6050	RNH1
41512_at	-0.1475	4.13E-02	8315	BRAP
201406_at	0.5228	4.14E-02	6173	RPL36A
207217_s_at	-0.2427	4.14E-02	27035	NOX1
200912_s_at	-0.2572	4.15E-02	1974	EIF4A2
209550_at	0.5447	4.15E-02	4692	NDN
212308_at	-0.1300	4.16E-02	23122	CLASP2
208666_s_at	-0.2231	4.16E-02	6767	ST13
209627_s_at	-0.3896	4.17E-02	26031	OSBPL3
217892_s_at	0.5808	4.17E-02	51474	LIMA1
211719_x_at	0.9524	4.17E-02	2335	FN1
200000_s_at	-0.3731	4.17E-02	10594	PRPF8
221490_at	-0.2173	4.18E-02	51271	UBAP1
209356_x_at	0.5115	4.18E-02	30008	EFEMP2
219918_s_at	0.1331	4.19E-02	259266	ASPM
205353_s_at	-0.2724	4.19E-02	5037	PEBP1
201088_at	0.6074	4.21E-02	3838	KPNA2
207809_s_at	0.2569	4.22E-02	537	ATP6AP1
213738_s_at	-0.2641	4.22E-02	498	ATP5A1
212165_at	0.2640	4.22E-02	653659	TMEM183B
212165_at	0.2640	4.22E-02	92703	TMEM183A
212165_at	0.2640	4.22E-02	653659	TMEM183B
212165_at	0.2640	4.22E-02	92703	TMEM183A
213658_at	-0.2329	4.22E-02		
218946_at	-0.2857	4.22E-02	27247	NFU1
219799_s_at	0.1304	4.22E-02	10170	DHRS9
201444_s_at	0.5992	4.23E-02	10159	ATP6AP2
214058_at	0.2361	4.23E-02	4610	MYCL1
200611_s_at	0.3850	4.23E-02	9948	WDR1
48106_at	-0.1956	4.23E-02	55652	SLC48A1
203185_at	0.4451	4.23E-02	9770	RASSF2
200788_s_at	0.4962	4.24E-02	8682	PEA15
218544_s_at	-0.3320	4.24E-02	10171	RCL1
206074_s_at	-0.3372	4.25E-02	3159	HMGA1
203313_s_at	0.2999	4.26E-02	7050	TGIF1
208683_at	0.6311	4.26E-02	824	CAPN2
212285_s_at	0.2309	4.27E-02	375790	AGRN
220918_at	0.5064	4.27E-02	80215	RUNX1-IT1
210070_s_at	-0.4953	4.27E-02	1375	CPT1B
210070_s_at	-0.4953	4.27E-02	386593	CHKB-CPT1B
210070_s_at	-0.4953	4.27E-02	1375	CPT1B
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215446_s_at	0.4441	4.27E-02	4015	LOX
211976_at	-0.1481	4.27E-02	100507620	

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203603_s_at	0.6325	4.28E-02	9839	ZEB2
216004_s_at	0.0506	4.28E-02	5316	PKNOX1
32541_at	-0.1687	4.29E-02	5533	PPP3CC
213416_at	0.1875	4.29E-02	3676	ITGA4
206068_s_at	-0.1878	4.30E-02	33	ACADL
202804_at	-0.2996	4.30E-02	4363	ABCC1
204158_s_at	0.2560	4.30E-02	10312	TCIRG1
208609_s_at	0.4663	4.31E-02	7148	TNXB
212002_at	-0.1785	4.31E-02	26099	SZRD1
209970_x_at	0.2500	4.31E-02	834	CASP1
219410_at	0.3630	4.31E-02	55076	TMEM45A
217617_at	-0.5432	4.32E-02		
211911_x_at	0.6751	4.33E-02	3106	HLA-B
200710_at	-0.6061	4.33E-02	37	ACADVL
211538_s_at	-0.5929	4.33E-02	3306	HSPA2
216693_x_at	0.4390	4.33E-02	50810	HDGFRP3
221766_s_at	0.5925	4.35E-02	55603	FAM46A
213081_at	0.1211	4.37E-02	9278	ZBTB22
221538_s_at	0.6018	4.38E-02	5361	PLXNA1
218851_s_at	-0.1914	4.38E-02	55339	WDR33
213203_at	-0.2110	4.38E-02	10302	SNAPC5
203662_s_at	-0.2878	4.39E-02	7111	TMOD1
216526_x_at	0.6590	4.39E-02	3107	HLA-C
211742_s_at	0.3936	4.39E-02	2124	EVI2B
211373_s_at	0.2648	4.39E-02	5664	PSEN2
222021_x_at	-0.3304	4.39E-02	255812	SDHAP1
40829_at	-0.2019	4.40E-02	23038	WDTC1
218388_at	0.3466	4.40E-02	25796	PGLS
218730_s_at	0.8379	4.40E-02	4969	OGN
206707_x_at	-0.3055	4.41E-02	9750	FAM65B
202863_at	0.4109	4.41E-02	6672	SP100
201921_at	0.7786	4.41E-02	2790	GNG10
200939_s_at	-0.2081	4.41E-02	473	RERE
220058_at	-0.2914	4.42E-02	79018	GID4
201152_s_at	-0.2784	4.42E-02	4154	MBNL1
209283_at	-0.3558	4.42E-02	1410	CRYAB
203148_s_at	0.2226	4.42E-02	9830	TRIM14
221866_at	-0.3532	4.42E-02	7942	TFEB
208872_s_at	0.4998	4.43E-02	7905	REEP5
217942_at	-0.1986	4.44E-02	60488	MRPS35
221902_at	0.2007	4.44E-02	387509	GPR153
201216_at	0.3608	4.44E-02	10961	ERP29
222243_s_at	-0.4183	4.45E-02	10766	TOB2
219506_at	0.6339	4.46E-02	79630	C1orf54
207494_s_at	-0.2858	4.47E-02	7629	ZNF76
206101_at	0.7146	4.47E-02	1842	ECM2
213553_x_at	0.4201	4.47E-02	341	APOC1
215075_s_at	0.4371	4.48E-02	2885	GRB2
202442_at	0.6043	4.48E-02	1176	AP3S1
214764_at	-0.1543	4.49E-02	51018	RRP15
208956_x_at	0.6615	4.49E-02	1854	DUT
217931_at	0.2038	4.50E-02	10695	CNPY3
202001_s_at	-0.2888	4.50E-02	4700	NDUFA6
209112_at	-0.3030	4.50E-02	1027	CDKN1B
209762_x_at	0.2093	4.51E-02	3431	SP110
203533_s_at	-0.1785	4.51E-02	8065	CUL5
211662_s_at	-0.2200	4.51E-02	7417	VDAC2

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202503_s_at	0.6514	4.51E-02	9768	KIAA0101
212482_at	-0.3193	4.52E-02	64795	RMND5A
220305_at	-0.2356	4.53E-02	57506	MAVS
202765_s_at	0.6565	4.53E-02	2200	FBN1
210275_s_at	-0.5298	4.53E-02	7763	ZFAND5
201243_s_at	-0.4364	4.54E-02	481	ATP1B1
200001_at	0.4866	4.54E-02	826	CAPNS1
204051_s_at	1.1028	4.55E-02	6424	SFRP4
201424_s_at	-0.1918	4.55E-02	8451	CUL4A
211751_at	-0.3938	4.55E-02	653513	LOC653513
211751_at	-0.3938	4.55E-02	9659	PDE4DIP
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212295_s_at	0.2853	4.56E-02	6541	SLC7A1
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221539_at	-0.5753	4.56E-02	1978	EIF4EBP1
212914_at	-0.4666	4.58E-02	23492	CBX7
201611_s_at	0.6252	4.58E-02	23463	ICMT
202780_at	0.6846	4.58E-02	5019	OXCT1
205483_s_at	0.9269	4.59E-02	9636	ISG15
200777_s_at	0.8165	4.59E-02	9689	BZW1
201109_s_at	0.3653	4.60E-02	7057	THBS1
202437_s_at	0.6176	4.61E-02	1545	CYP1B1
211954_s_at	-0.2002	4.61E-02	3843	IPO5
207717_s_at	-0.1784	4.62E-02	5318	PKP2
211956_s_at	-0.2081	4.62E-02	10209	EIF1
202088_at	0.6647	4.63E-02	25800	SLC39A6
219207_at	-0.1961	4.63E-02	80153	EDC3
212554_at	-0.3727	4.64E-02	10486	CAP2
202288_at	-0.2374	4.65E-02	2475	MTOR
218224_at	0.6317	4.65E-02	9240	PNMA1
212252_at	0.2799	4.65E-02	10645	CAMKK2
207027_at	-0.1933	4.65E-02	3083	HGFAC
218311_at	-0.2299	4.66E-02	8491	MAP4K3
200692_s_at	-0.3129	4.66E-02	3313	HSPA9
218536_at	-0.2617	4.67E-02	57380	MRS2
221868_at	-0.7222	4.68E-02	400961	PAIP2B
210946_at	0.6393	4.68E-02	8611	PPAP2A
221203_s_at	0.2272	4.70E-02	55689	YEATS2
216885_s_at	-0.2488	4.72E-02	50717	DCAF8
201700_at	0.2441	4.72E-02	896	CCND3
218545_at	-0.2164	4.72E-02	55297	CCDC91
204088_at	0.2551	4.73E-02	5025	P2RX4
202393_s_at	-0.5997	4.73E-02	7071	KLF10
213995_at	-0.2782	4.74E-02	27109	ATP5S
214241_at	-0.2397	4.74E-02	4714	NDUFB8
213052_at	-0.3328	4.74E-02	5576	PRKAR2A
218569_s_at	-0.1675	4.74E-02	55709	KBTBD4
220088_at	0.1975	4.75E-02	728	C5AR1
204938_s_at	-0.6567	4.76E-02	5350	PLN
201663_s_at	0.3030	4.76E-02	10051	SMC4
207088_s_at	-0.4273	4.77E-02	8402	SLC25A11
214101_s_at	-0.2770	4.77E-02	9520	NPEPPS
214263_x_at	-0.2009	4.77E-02	5432	POLR2C
201453_x_at	-0.1730	4.77E-02	6009	RHEB
216306_x_at	0.5936	4.78E-02	5725	PTBP1
201889_at	0.8578	4.78E-02	10447	FAM3C

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201387_s_at	0.4258	4.79E-02	7345	UCHL1
221994_at	-0.3079	4.81E-02	10611	PDLIM5
202202_s_at	0.8671	4.81E-02	3910	LAMA4
203620_s_at	0.3585	4.82E-02	9873	FCHSD2
201887_at	0.5961	4.82E-02	3597	IL13RA1
201049_s_at	0.4274	4.82E-02	6222	RPS18
221217_s_at	-0.3500	4.82E-02	54715	RBFOX1
212015_x_at	0.3637	4.82E-02	5725	PTBP1
210944_s_at	-0.3899	4.84E-02	825	CAPN3
203885_at	-0.3185	4.84E-02	23011	RAB21
221210_s_at	0.4017	4.85E-02	80896	NPL
214941_s_at	-0.1932	4.85E-02	55660	PRPF40A
208985_s_at	-0.2624	4.86E-02	8669	EIF3J
202457_s_at	-0.3094	4.86E-02	5530	PPP3CA
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203700_s_at	0.1765	4.87E-02	1734	DIO2
204994_at	0.2522	4.88E-02	4600	MX2
210280_at	-0.3474	4.88E-02	4359	MPZ
217913_at	-0.2377	4.88E-02	27183	VPS4A
202706_s_at	0.2039	4.89E-02	7372	UMPS
202544_at	0.5638	4.90E-02	2764	GMFB
206703_at	-0.2579	4.90E-02	1140	CHRNA1
203660_s_at	-0.4923	4.90E-02	5116	PCNT
205548_s_at	0.4385	4.90E-02	10950	BTG3
200698_at	0.6722	4.91E-02	11014	KDELR2
210992_x_at	0.1388	4.92E-02	9103	FCGR2C
209321_s_at	0.1626	4.92E-02	109	ADCY3
208623_s_at	0.6640	4.93E-02	7430	EZR
207453_s_at	-0.4823	4.93E-02	25822	DNAJB5
201706_s_at	-0.1834	4.93E-02	5824	PEX19
212256_at	0.2453	4.94E-02	55568	GALNT10
203244_at	-0.1306	4.95E-02	5830	PEX5
200045_at	-0.2248	4.96E-02	23	ABCF1
202366_at	-0.3270	4.96E-02	35	ACADS
205474_at	0.2660	4.97E-02	51379	CRLF3
200925_at	0.7083	4.97E-02	1337	COX6A1
201519_at	-0.2253	4.98E-02	9868	TOMM70A
204619_s_at	0.5880	4.99E-02	1462	VCAN
218018_at	0.1549	4.99E-02	8566	PDXK
217028_at	0.4391	4.99E-02	7852	CXCR4
221496_s_at	-0.3825	5.00E-02	10766	TOB2
208250_s_at	0.2330	5.00E-02	1755	DMBT1

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