

Supplemental Document S4

Excel Dataset 1 - SDK down-regulated genes

Probe Set ID	Gene Symbol	d.value	q.value	p.value	R.fold	fold change
203739_at	ZNF217	-3.3966423	0.01692722	9.04E-06	0.1321153	7.569146041
232797_at	---	-2.3783294	0.01703643	1.00E-03	0.1486546	6.727003403
204011_at	SPRY2	-2.5834622	0.01692722	4.16E-04	0.1545323	6.471139043
201773_at	ADNP	-2.675577	0.01692722	2.71E-04	0.1604221	6.233555102
204602_at	DKK1	-2.6451493	0.01692722	2.89E-04	0.1621968	6.165349748
202431_s_at	MYC	-2.433317	0.01703643	8.32E-04	0.1632136	6.126940402
212558_at	SPRY1	-2.5453129	0.01692722	5.52E-04	0.167535	5.96890202
201166_s_at	PUM1	-2.5712729	0.01692722	4.52E-04	0.1729298	5.782693324
204491_at	PDE4D	-2.861701	0.01692722	1.18E-04	0.1740227	5.746376766
202521_at	CTCF	-2.6243959	0.01692722	3.35E-04	0.1740377	5.745881496
212614_at	ARID5B	-3.0119496	0.01692722	7.24E-05	0.1779867	5.61839733
241769_at	---	-2.5282955	0.01692722	6.06E-04	0.1802986	5.546354769
202097_at	NUP153	-2.7089128	0.01692722	2.44E-04	0.1838139	5.440284984
209033_s_at	DYRK1A	-2.6283217	0.01692722	3.17E-04	0.1840752	5.432562344
212124_at	RAI17	-2.8056929	0.01692722	1.36E-04	0.1862577	5.368905554
217996_at	PHLDA1	-2.5174732	0.01692722	6.51E-04	0.1866114	5.358729424
202149_at	NEDD9	-3.2364996	0.01692722	1.81E-05	0.1922852	5.200608263
200798_x_at	MCL1	-2.5635961	0.01692722	4.97E-04	0.1924107	5.197216163
218696_at	EIF2AK3	-2.7134902	0.01692722	2.35E-04	0.1935827	5.165750865
212458_at	SPRE2D	-2.4939897	0.01703643	7.24E-04	0.1946745	5.136779599
204094_s_at	TSC22D2	-2.7895371	0.01692722	1.54E-04	0.1954308	5.116900714
218733_at	RNF184	-2.5509089	0.01692722	5.34E-04	0.1964672	5.089908137
218041_x_at	SLC38A2	-2.309755	0.01703643	1.28E-03	0.1992375	5.019135454
207826_s_at	ID3	-2.2834698	0.01703643	1.41E-03	0.2003425	4.991452138
224692_at	PPP1R15B	-2.4345384	0.01703643	8.23E-04	0.2005619	4.985991856
221517_s_at	CRSP6	-2.62554	0.01692722	3.26E-04	0.2029753	4.926707831
213390_at	C19orf7	-2.5864045	0.01692722	4.07E-04	0.2030281	4.925426579
203313_s_at	TGIF	-2.9205355	0.01692722	9.04E-05	0.2031499	4.922473504
201493_s_at	PUM2	-2.5054858	0.01703643	6.96E-04	0.2047158	4.88482081
203957_at	E2F6	-2.6011878	0.01692722	3.89E-04	0.2092359	4.779294567
217742_s_at	WAC	-2.553117	0.01692722	5.16E-04	0.2104552	4.751605092
204258_at	CHD1	-1.692707	0.01750708	7.09E-03	0.2117486	4.722581401
221489_s_at	SPRY4	-2.3943237	0.01703643	9.50E-04	0.2123302	4.709645637
202393_s_at	KLF10	-2.7169686	0.01692722	2.17E-04	0.2131193	4.692207604
221230_s_at	ARID4B	-1.6318719	0.01764668	7.84E-03	0.2141124	4.670444122
212441_at	KIAA0232	-2.478809	0.01703643	7.42E-04	0.2151915	4.647023697
212267_at	KIAA0261	-2.356505	0.01703643	1.08E-03	0.2175778	4.596057135
218478_s_at	ZCCHC8	-2.4132491	0.01703643	8.95E-04	0.2190382	4.565413704
203250_at	RBM16	-2.7158347	0.01692722	2.26E-04	0.2202015	4.541295132
209431_s_at	ZNF278	-2.5375638	0.01692722	5.79E-04	0.2213106	4.518536392
213694_at	RSNB1	-2.6119965	0.01692722	3.71E-04	0.2237642	4.468990124
224769_at	---	-2.3966664	0.01703643	9.32E-04	0.2241013	4.462267733
220924_s_at	SLC38A2	-2.1244143	0.01726289	2.62E-03	0.2265304	4.41441855
222982_x_at	SLC38A2	-2.0793588	0.01726289	2.93E-03	0.2267476	4.410190009
200768_s_at	MAT2A	-2.5188155	0.01692722	6.42E-04	0.2274277	4.397001772
227335_at	C20orf158	-2.3449041	0.01703643	1.16E-03	0.2282641	4.380890381
224315_at	DDX20	-2.5098737	0.01692722	6.69E-04	0.2286696	4.373121744
202657_s_at	SERTAD2	-2.6216963	0.01692722	3.44E-04	0.2286923	4.372687668
218263_s_at	LOC58486	-2.2107812	0.01715192	1.94E-03	0.2305707	4.33706451
226360_at	ZNRF3	-2.4103456	0.01703643	9.14E-04	0.2339505	4.274408475
202146_at	IFRD1	-3.0243306	0.01692722	6.33E-05	0.2340597	4.27241426
201170_s_at	BHLHB2	-2.2655116	0.01710084	1.57E-03	0.2345882	4.262789006
202798_at	SEC24B	-2.599237	0.01692722	3.98E-04	0.2348893	4.257324621
202912_at	ADM	-2.1970655	0.01715192	2.06E-03	0.2355673	4.245071366
228347_at	SIX1	-2.3395983	0.01703643	1.18E-03	0.2359211	4.238705228
209501_at	CDR2	-2.7894474	0.01692722	1.63E-04	0.2360278	4.236789056
221763_at	JMJD1C	-1.3459198	0.01864307	1.38E-02	0.2373952	4.212385086
207147_at	DLX2	-2.5319686	0.01692722	5.88E-04	0.2382163	4.197865553
210512_s_at	VEGF	-2.4974036	0.01703643	7.05E-04	0.2385404	4.192161999
226547_at	MYST3	-2.6573341	0.01692722	2.80E-04	0.2391203	4.181995422
230078_at	KIAA1961	-2.1820199	0.01720934	2.21E-03	0.2426386	4.121355794
224570_s_at	IRF2BP2	-2.0752562	0.01726289	2.97E-03	0.2429477	4.116112233
208937_s_at	ID1	-2.5487339	0.01692722	5.43E-04	0.2435473	4.105978592
223331_s_at	DDX20	-2.5312964	0.01692722	5.97E-04	0.2435646	4.105686951
235791_x_at	CHD1	-2.0118696	0.01726353	3.55E-03	0.2436986	4.1034294
218917_s_at	ARID1A	-2.376568	0.01703643	1.01E-03	0.2445488	4.08916339
202724_s_at	FOXO1A	-3.0501021	0.01692722	5.43E-05	0.2468564	4.050938116
222390_at	WAC	-2.564401	0.01692722	4.79E-04	0.2473463	4.042914731
214965_at	MGC26885	-2.0997727	0.01726289	2.74E-03	0.2480436	4.031549292
226479_at	KBTB6	-2.15642	0.01726289	2.37E-03	0.2487256	4.020494875
223297_at	MGC4268	-2.2179049	0.01715192	1.89E-03	0.2487327	4.020380111
200796_s_at	MCL1	-2.7270931	0.01692722	2.08E-04	0.2502645	3.995772473
210275_s_at	ZA20D2	-2.383542	0.01703643	9.68E-04	0.2513691	3.97821371
228776_at	GJA7	-2.2484984	0.01710084	1.66E-03	0.2516733	3.973405204
242918_at	NASP	-2.5649032	0.01692722	4.70E-04	0.2529357	3.953573972
219433_at	BCOR	-2.1849401	0.01720934	2.19E-03	0.2538414	3.939467715
228698_at	SOX7	-2.3546045	0.01703643	1.09E-03	0.255255	3.917650976
210836_x_at	PDE4D	-2.8654444	0.01692722	1.09E-04	0.2556218	3.912029412
202221_s_at	EP300	-2.886973	0.01692722	9.95E-05	0.2559664	3.906762763
228046_at	LOC152485	-2.2419207	0.01710084	1.69E-03	0.2561898	3.903356027
212501_at	CEBPB	-2.2046095	0.01715192	2.00E-03	0.2562496	3.902445116
225687_at	C20orf129	-2.3079762	0.01703643	1.28E-03	0.2573443	3.885844761
236251_at	---	-2.2763605	0.01710084	1.47E-03	0.2575746	3.882370389
222623_s_at	ZNF639	-2.2070417	0.01715192	1.96E-03	0.2579726	3.87638067
203706_s_at	FZD7	-2.2957712	0.01703643	1.37E-03	0.2598452	3.848445151
235165_at	PARDB6	-2.2193767	0.01715192	1.87E-03	0.2613495	3.826293909
236610_at	PDE4D	-1.7485455	0.01747098	6.37E-03	0.2615432	3.82346014
203044_at	CHSY1	-2.5514636	0.01692722	5.25E-04	0.2619071	3.818147733
202160_at	CREBBP	-2.5610249	0.01692722	5.07E-04	0.2623952	3.811045324
226837_at	SPRE2D	-2.2722371	0.01710084	1.50E-03	0.2624054	3.810897184
222630_at	FLJ12994	-2.3718083	0.01703643	1.03E-03	0.2624516	3.810226343
224956_at	182-FIP	-2.2776802	0.01710084	1.46E-03	0.2626332	3.807591729
225308_s_at	TANC	-2.2373679	0.01710084	1.75E-03	0.2631102	3.800688837
203992_s_at	UTX	-3.1140375	0.01692722	4.52E-05	0.2631453	3.800181877
210053_at	TAF5	-2.6808742	0.01692722	2.62E-04	0.2634484	3.79580973
225183_at	PROO149	-2.5705366	0.01692722	4.61E-04	0.2637078	3.792075926
212966_at	HIC2	-2.7402846	0.01692722	1.90E-04	0.2640277	3.787481389
218761_at	RNF111	-2.4208506	0.01703643	8.50E-04	0.2641691	3.78545409
202599_s_at	NRIP1	-1.7126513	0.01750455	6.85E-03	0.2643101	3.783434685

212885_at	MPHOSPH10	-1.4058609	0.01835383	1.21E-02	0.2653427	3.76871118
203704_s_at	RREB1	-2.2927811	0.01703643	1.37E-03	0.2656625	3.764174469
200666_s_at	DNAJB1	-2.2693283	0.01710084	1.55E-03	0.2657549	3.762856708
200797_s_at	MCL1	-2.2997644	0.01703643	1.33E-03	0.2676261	3.736556337
225572_at	CREB1	-2.1546226	0.01726289	2.39E-03	0.2677144	3.735323912
201417_at	SOX4	-2.456246	0.01703643	8.05E-04	0.2681027	3.729913947
212533_at	WEF1	-2.3271116	0.01703643	1.21E-03	0.2682061	3.728475974
225455_at	STAF42	-2.1621117	0.01726289	2.34E-03	0.268378	3.726087831
212597_s_at	HMG2L1	-2.5266228	0.01692722	6.15E-04	0.2687706	3.720645041
224571_at	IRF2BP2	-2.3043577	0.01703643	1.31E-03	0.2698015	3.706428615
228373_at	PROO149	-2.2759292	0.01710084	1.47E-03	0.2705751	3.695831582
226143_at	RAI1	-2.0337769	0.01726353	3.36E-03	0.2712421	3.686743319
209510_at	RNF139	-2.456397	0.01703643	7.96E-04	0.2732752	3.659314859
217803_at	GOLPH3	-2.4706831	0.01703643	7.51E-04	0.2736305	3.654563362
202654_x_at	---	-2.1621702	0.01726289	2.33E-03	0.2737022	3.653606
240452_at	GSPT1	-2.4668517	0.01703643	7.78E-04	0.2749909	3.636483971
225649_s_at	STK35	-2.2011411	0.01715192	2.05E-03	0.2752249	3.633392182
210837_s_at	PDE4D	-2.6143892	0.01692722	3.62E-04	0.2752871	3.632571232
212264_s_at	KIAA0261	-2.4627689	0.01703643	7.87E-04	0.2753811	3.631331271
211063_s_at	NCK1	-2.6190156	0.01692722	3.53E-04	0.2767867	3.612890359
204566_at	PPM1D	-2.3994526	0.01703643	9.23E-04	0.2775688	3.602710391
222870_s_at	B3GNT1	-2.1935124	0.01720934	2.09E-03	0.2783309	3.592845782
229273_at	SALL1	-2.019187	0.01726353	3.44E-03	0.2783604	3.59246502
227443_at	C9orf150	-2.3524592	0.01703643	1.11E-03	0.2784837	3.590874439
227577_at	EXOC8	-2.5250527	0.01692722	6.24E-04	0.2785592	3.589901177
225256_at	---	-2.3363621	0.01703643	1.19E-03	0.2786019	3.58935097
229218_at	COL1A2	-2.2427717	0.01710084	1.68E-03	0.2793298	3.579997551
218611_at	IER5	-2.2386431	0.01710084	1.72E-03	0.2797417	3.574726256
205135_s_at	NUFIP1	-2.2259389	0.01715192	1.83E-03	0.279902	3.572679009
221821_s_at	FLJ20436	-2.2975228	0.01703643	1.36E-03	0.2800215	3.571154358
213417_at	TBX2	-2.0588179	0.01726289	3.09E-03	0.2802344	3.568441276
222839_s_at	PAPOLG	-2.3449977	0.01703643	1.15E-03	0.2802754	3.567919268
212367_at	FEM1B	-2.3793079	0.01703643	9.86E-04	0.2804277	3.565891535
227200_at	---	-2.1172618	0.01726289	2.65E-03	0.2804355	3.565882351
202147_s_at	IFRD1	-2.4703056	0.01703643	7.60E-04	0.2807772	3.561542746
203574_at	NFIL3	-2.7589862	0.01692722	1.81E-04	0.2809265	3.559649944
227798_at	SMAD1	-2.3525195	0.01703643	1.10E-03	0.2828054	3.536000373
201165_s_at	PUM1	-2.564293	0.01692722	4.88E-04	0.2829862	3.533741221
213139_at	SNAI2	-2.4151995	0.01703643	8.77E-04	0.2836183	3.525865574
218259_at	MKL2	-2.0137327	0.01726353	3.50E-03	0.284061	3.520370625
32069_at	N4BP1	-2.9578983	0.01692722	8.14E-05	0.2874279	3.479133376
204794_at	DUSP2	-2.2494638	0.01710084	1.65E-03	0.2877709	3.474986526
213794_s_at	C14orf120	-2.6923203	0.01692722	2.53E-04	0.2880505	3.471613484
222794_x_at	PAPD1	-2.1471495	0.01726289	2.46E-03	0.2885668	3.465402118
227621_at	WTAP	-1.9634892	0.01726353	3.93E-03	0.2891706	3.458166217
202535_at	FADD	-2.2756275	0.01710084	1.48E-03	0.2898046	3.450600853
230270_at	FLJ10330	-2.2366466	0.01710084	1.76E-03	0.2903896	3.443649497
227624_at	KIAA1546	-1.9665243	0.01726353	3.90E-03	0.2905206	3.442096705
218875_s_at	FBXO5	-2.3553104	0.01703643	1.09E-03	0.292477	3.419072269
223566_s_at	BCOR	-2.2126143	0.01715192	1.92E-03	0.2927128	3.416317974
225005_at	PHF13	-2.1363994	0.01726289	2.53E-03	0.2935829	3.406192936
218726_at	DKFZp762E1312	-2.4177471	0.01703643	8.68E-04	0.2936554	3.405351987
239710_at	---	-1.7841216	0.0174521	5.99E-03	0.2946169	3.394238416
227527_at	MLL2	-2.0508232	0.01726289	3.15E-03	0.2946892	3.393405663
213145_at	FBXL14	-2.4275645	0.01703643	8.41E-04	0.2951731	3.387842591
203846_at	TRIM32	-2.044362	0.01726289	3.24E-03	0.2973243	3.363330881
218428_s_at	REV1L	-2.0364258	0.01726353	3.32E-03	0.2982271	3.353149328
214662_at	WDR43	-2.3172917	0.01703643	1.25E-03	0.2983893	3.351326606
226015_at	ZNF12	-1.8510762	0.01732618	5.07E-03	0.2992441	3.341753438
222811_at	FLJ11171	-2.1315147	0.01726289	2.56E-03	0.2995043	3.338850227
224569_s_at	IRF2BP2	-2.2679787	0.01710084	1.56E-03	0.3007716	3.324781994
218472_s_at	PELO	-2.2056632	0.01715192	1.99E-03	0.3012866	3.319098825
213848_at	DUSP7	-2.5383885	0.01692722	5.70E-04	0.3014734	3.317042233
222430_s_at	YTHDF2	-2.0131287	0.01726353	3.51E-03	0.3015204	3.316525184
218311_at	MAP4K3	-1.9658758	0.01726353	3.91E-03	0.3015267	3.316455889
209291_at	ID4	-2.5200806	0.01692722	6.33E-04	0.3026603	3.304034259
222203_s_at	RDH14	-2.3045308	0.01703643	1.30E-03	0.3027625	3.302918955
227517_s_at	GAS5	-2.0178207	0.01726353	3.45E-03	0.3031817	3.298352111
216221_s_at	PUM2	-2.2378538	0.01710084	1.75E-03	0.3031871	3.298293364
213090_s_at	TAF4	-2.6342118	0.01692722	2.98E-04	0.3036104	3.293694814
229265_at	DRPLA	-2.1750523	0.01726289	2.24E-03	0.30392	3.290339563
227477_at	ZMYND19	-2.0016527	0.01726353	3.64E-03	0.3041506	3.287844903
211297_s_at	CDK7	-2.1903054	0.01720934	2.12E-03	0.3043249	3.285961813
223474_at	C14orf4	-2.0092517	0.01726353	3.58E-03	0.3050779	3.277851329
201368_at	ZFP3642	-2.2716063	0.01710084	1.52E-03	0.3059885	3.268096677
222580_at	ZNF644	-1.353116	0.01861502	1.36E-02	0.3063503	3.264237052
204847_at	ZBTB11	-1.9397044	0.01726353	4.16E-03	0.3075908	3.251072529
226883_at	KLHL11	-2.0481035	0.01726289	3.18E-03	0.3079063	3.247741277
215111_s_at	TSC22D1	-2.2568001	0.01710084	1.60E-03	0.3084479	3.242038607
201997_s_at	SPEN	-2.25429	0.01710084	1.62E-03	0.308531	3.241165393
212723_at	PTDSR	-2.2407403	0.01710084	1.71E-03	0.3086955	3.239438217
203312_x_at	ARF6	-2.1399654	0.01726289	2.49E-03	0.308744	3.23892934
226000_at	DKFZp547A023	-2.412483	0.01703643	9.04E-04	0.3088866	3.237434062
227013_at	LATS2	-2.1866746	0.01720934	2.16E-03	0.3094243	3.231808232
222843_at	FIGL1	-2.1216041	0.01726289	2.63E-03	0.3100151	3.225649331
40560_at	TBX2	-1.9416765	0.01726353	4.14E-03	0.3102468	3.223240336
222889_at	DCLRE1B	-2.238376	0.01710084	1.74E-03	0.3102963	3.222726149
203654_s_at	COIL	-2.054619	0.01726289	3.10E-03	0.3105506	3.220087161
202150_s_at	NEDD9	-2.578668	0.01692722	4.25E-04	0.3107427	3.218096515
227897_at	RAP2B	-2.3663373	0.01703643	1.07E-03	0.3114338	3.210955266
219166_at	C14orf104	-2.2273633	0.01715192	1.81E-03	0.3114812	3.210466635
228455_at	SLC16A4	-2.1673761	0.01726289	2.31E-03	0.3116801	3.208417862
204962_s_at	CENPA	-2.4543175	0.01703643	8.14E-04	0.3117149	3.208059672
212373_at	FEM1B	-2.3717583	0.01703643	1.04E-03	0.3121338	3.203754287
207318_s_at	CDC2L5	-2.7764198	0.01692722	1.72E-04	0.3123094	3.201952935
227304_at	SHMT1	-2.0086855	0.01726353	3.60E-03	0.312808	3.196849185
201289_at	CYR61	-2.1489738	0.01726289	2.42E-03	0.3128622	3.196295366
206893_at	SALL1	-2.3857663	0.01703643	9.59E-04	0.3130702	3.194171786
223145_s_at	C6orf166	-2.2071663	0.01715192	1.95E-03	0.3136982	3.187772797
203064_s_at	FOXK2	-2.2252586	0.01715192	1.84E-03	0.3139565	3.185154631

202171_at	ZNF161	-2.1126736	0.01726289	2.67E-03	0.31429	3.181774794
204823_at	NAV3	-1.9449676	0.01726353	4.11E-03	0.3143563	3.181103735
202324_s_at	ACBD3	-2.2022046	0.01715192	2.04E-03	0.3145329	3.179317648
207643_s_at	TNFRSF1A	-2.3428661	0.01703643	1.18E-03	0.3155595	3.168974472
228487_s_at	RREB1	-1.9595068	0.01726353	3.97E-03	0.3156372	3.16819437
203624_at	DXYS155E	-2.1186515	0.01726289	2.64E-03	0.3157255	3.167308311
232889_at	LOC153561	-1.9834047	0.01726353	3.78E-03	0.3160987	3.163568847
228073_at	---	-2.2675346	0.01710084	1.56E-03	0.3161192	3.163363693
222700_at	ARL6IP2	-2.0095294	0.01726353	3.57E-03	0.3161616	3.162939459
223081_at	MGC2941	-2.0383935	0.01726353	3.31E-03	0.317087	3.153708604
209481_at	SNRK	-2.0685884	0.01726289	3.00E-03	0.3180165	3.144490931
217779_s_at	PNRC2	-2.2038906	0.01715192	2.02E-03	0.3195378	3.129520201
208938_at	PRCC	-2.2023424	0.01715192	2.03E-03	0.3199616	3.125375045
201502_s_at	NFKBIA	-2.3451706	0.01703643	1.14E-03	0.320136	3.123672439
227558_at	CBX4	-2.0143767	0.01726353	3.49E-03	0.3212282	3.113051718
204451_at	FZD1	-2.5753261	0.01692722	4.43E-04	0.321815	3.107375355
226191_at	GSK3B	-2.5452009	0.01692722	5.61E-04	0.3225376	3.100413719
201631_s_at	IER3	-2.1286808	0.01726289	2.59E-03	0.3227982	3.097910707
202979_s_at	ZF	-3.230796	0.01692722	2.71E-05	0.3236719	3.089548398
206373_at	ZIC1	-2.224457	0.01715192	1.85E-03	0.3237874	3.088446308
227034_at	C2orf26	-2.0390201	0.01726353	3.27E-03	0.3240267	3.08616543
203659_s_at	RFP2	-2.5158067	0.01692722	6.60E-04	0.324459	3.082053511
202653_s_at	---	-2.1738972	0.01726289	2.25E-03	0.3246019	3.080696693
227220_at	NFXL1	-2.0128708	0.01726353	3.52E-03	0.3249333	3.077554686
225731_at	KIAA1223	-2.084587	0.01726289	2.90E-03	0.3250443	3.076503726
212993_at	---	-2.0333987	0.01726353	3.36E-03	0.3251561	3.075445917
203347_s_at	M96	-1.7574091	0.01747098	6.27E-03	0.3255161	3.07204467
213165_at	CAP350	-1.4321996	0.01819389	1.14E-02	0.3255219	3.071989934
234295_at	DBR1	-2.0726851	0.01726289	2.98E-03	0.3258619	3.06878466
223144_s_at	C6orf166	-2.260783	0.01710084	1.58E-03	0.3258623	3.068780893
202081_at	IER2	-2.0385144	0.01726353	3.29E-03	0.3261447	3.066123717
212180_at	CRKL	-2.1247902	0.01726289	2.61E-03	0.3274583	3.053823953
242138_at	DLX1	-1.9673648	0.01726353	3.88E-03	0.328418	3.044900097
212964_at	HIC2	-2.4135332	0.01703643	8.86E-04	0.3285095	3.044051998
209004_s_at	FBXL5	-2.2831045	0.01710084	1.43E-03	0.3292386	3.037310935
227542_at	SOCS6	-2.1805342	0.01726289	2.23E-03	0.3315632	3.016016253
242068_at	BIRC6	-1.7843108	0.0174521	5.98E-03	0.3317982	3.013880124
230618_s_at	XTP2	-1.5364532	0.01771137	9.23E-03	0.3325505	3.007062085
243529_at	MARS2	-2.1043139	0.01726289	2.72E-03	0.3326005	3.006610032
209049_s_at	PRKCBP1	-2.1477777	0.01726289	2.44E-03	0.333084	3.00224568
212761_at	TCF7L2	-2.2591347	0.01710084	1.59E-03	0.333102	3.002083446
219900_at	FLJ23311	-2.0064392	0.01726353	3.62E-03	0.3331582	3.001577029
209654_at	KIAA0947	-1.6350579	0.01764668	7.79E-03	0.3338353	2.995489093
226284_at	ZBTB2	-2.1316303	0.01726289	2.55E-03	0.3343036	2.991292944
235022_at	C18orf19	-2.2537277	0.01710084	1.63E-03	0.3350227	2.984872368
221596_s_at	DKFZP56400523	-2.7367772	0.01692722	1.99E-04	0.3352795	2.982586171
226649_at	PANK1	-2.3811001	0.01703643	9.77E-04	0.3358008	2.977955979
226194_at	C13orf8	-1.9596853	0.01726353	3.96E-03	0.3358092	2.977881487
222243_s_at	TOB2	-2.1602854	0.01726289	2.36E-03	0.3362366	2.974096217
226298_at	RUND1	-2.0613657	0.01726289	3.05E-03	0.3362511	2.973967966
225478_at	MFHAS1	-2.2408383	0.01710084	1.70E-03	0.3363023	2.973515197
219330_at	VANG1	-2.1285652	0.01726289	2.60E-03	0.3380414	2.958217544
200664_s_at	DNAJB1	-2.2224584	0.01715192	1.85E-03	0.3401262	2.94008518
218897_at	MGC10993	-2.3000274	0.01703643	1.32E-03	0.3404348	2.937420029
213038_at	IBRD3	-2.0254102	0.01726353	3.38E-03	0.3405938	2.936048748
204725_s_at	NCK1	-2.2056725	0.01715192	1.98E-03	0.3407489	2.934712335
224492_s_at	ZNF627	-2.1821185	0.01720934	2.20E-03	0.3414876	2.928364017
221741_s_at	YTHDF1	-2.2365535	0.01710084	1.77E-03	0.3416423	2.927038016
225992_at	MLLT10	-1.8309215	0.01732618	5.29E-03	0.342099	2.923130439
225443_at	---	-2.0390104	0.01726353	3.28E-03	0.3423606	2.920896856
227197_at	SGEF	-1.8905813	0.01727396	4.64E-03	0.3438291	2.908421655
203823_at	RG53	-2.3219379	0.01703643	1.23E-03	0.3441003	2.906129405
226117_at	TIFA	-2.0711132	0.01726289	2.99E-03	0.3447531	2.900626564
225091_at	ZCCHC3	-1.958462	0.01726353	3.98E-03	0.3451319	2.897442978
209572_s_at	EED	-2.1495477	0.01726289	2.41E-03	0.3452779	2.8962178
225458_at	DKFZP56411171	-1.8805668	0.01727396	4.78E-03	0.3452816	2.896186765
213262_at	SACS	-0.858277	0.02650922	5.78E-02	0.3457194	2.892519193
217812_at	YTHDF2	-2.2192186	0.01715192	1.88E-03	0.3457712	2.892085865
218878_s_at	SIRT1	-2.1052867	0.01726289	2.70E-03	0.3459595	2.890511751
223288_at	USP38	-2.0433204	0.01726289	3.25E-03	0.3464158	2.886704359
220559_at	EN1	-2.2040704	0.01715192	2.01E-03	0.3464861	2.886118664
207830_s_at	PPP1R8	-2.3238323	0.01703643	1.22E-03	0.3469707	2.882087738
225806_at	JUB	-1.8879817	0.01727396	4.72E-03	0.3470672	2.881286391
203057_s_at	PRDM2	-2.3676135	0.01703643	1.06E-03	0.3474304	2.878274325
225980_at	C14orf43	-2.3743347	0.01703643	1.02E-03	0.3475714	2.877106689
223228_at	LDOC1L	-2.3511091	0.01703643	1.12E-03	0.3476869	2.876150928
225567_at	---	-1.8507323	0.01732618	5.08E-03	0.3478375	2.874905667
244439_at	SPRED1	-2.2982487	0.01703643	1.34E-03	0.3478457	2.874837895
244103_at	FLJ35382	-1.820629	0.01732618	5.46E-03	0.3484125	2.870161088
213360_s_at	POM121 /// LOC3403	-2.0885303	0.01726289	2.87E-03	0.3491338	2.864231421
225227_at	---	-1.7548546	0.01747098	6.30E-03	0.349149	2.864106728
213005_s_at	ANKRD15	-2.2975487	0.01703643	1.35E-03	0.349354	2.862426078
203737_s_at	PPRC1	-2.0466752	0.01726289	3.21E-03	0.3497657	2.859056791
218968_s_at	ZFP64	-2.1303694	0.01726289	2.57E-03	0.3502431	2.855159745
226524_at	MGC26717	-1.9741407	0.01726353	3.84E-03	0.3505539	2.852628369
214182_at	ARF6	-2.2446278	0.01710084	1.67E-03	0.3509847	2.849127042
201549_x_at	JARID1B	-2.4970232	0.01703643	7.15E-04	0.3511231	2.848004019
222815_at	RNF12	-2.3682438	0.01703643	1.05E-03	0.3513286	2.846338157
204695_at	CDC25A	-2.0239659	0.01726353	3.41E-03	0.3513905	2.845836754
212260_at	TNRC15	-2.0969766	0.01726289	2.80E-03	0.3517268	2.843115736
235542_at	MGC22014	-2.0157128	0.01726353	3.46E-03	0.3518765	2.84190618
206015_s_at	FOXJ3	-1.9505403	0.01726353	4.04E-03	0.3518897	2.841799575
218303_x_at	LOC51315	-2.1881097	0.01720934	2.13E-03	0.3520588	2.840434609
219062_s_at	ZCCHC2	-2.2496701	0.01710084	1.64E-03	0.3528785	2.833836575
229238_at	LOC400566	-2.2266656	0.01715192	1.82E-03	0.3529253	2.833460792
226541_at	FBXO30	-2.1074793	0.01726289	2.70E-03	0.3540324	2.824600234
222415_at	MLL3	-1.8436413	0.01732618	5.16E-03	0.3540943	2.824106446
227538_at	CRSP7	-2.1945172	0.01715192	2.07E-03	0.354908	2.817631612
200816_s_at	PAFAH1B1	-1.9267958	0.01727396	4.27E-03	0.3549714	2.817128366
218929_at	CARF	-2.3787908	0.01703643	9.95E-04	0.3551715	2.815541224

234863_x_at	FBXO5	-1.88166	0.01727396	4.78E-03	0.3554103	2.813649464
202969_at	DYRK2	-2.285947	0.01703643	1.40E-03	0.3562745	2.806824513
220949_s_at	MGC5242	-2.1709821	0.01726289	2.29E-03	0.3563358	2.806341659
208891_at	DUSP6	-2.1919064	0.01720934	2.11E-03	0.3564493	2.805448068
226566_at	TRIM11	-1.7736663	0.01746419	6.12E-03	0.3566842	2.803600496
200050_at	ZNF146	-1.1238175	0.02026854	2.33E-02	0.3569671	2.801378614
218604_at	LEMD3	-2.1734412	0.01726289	2.27E-03	0.3572239	2.799364768
210541_s_at	RFP	-2.0353779	0.01726353	3.35E-03	0.3574919	2.797266176
225477_s_at	MRPS25	-2.0481651	0.01726289	3.17E-03	0.3579616	2.793595738
215460_x_at	BRD1	-2.2362678	0.01710084	1.78E-03	0.3584944	2.789443852
226795_at	LRCH1	-2.0512806	0.01726289	3.14E-03	0.3589325	2.786039158
203311_s_at	ARF6	-2.0359569	0.01726353	3.33E-03	0.3589937	2.785564203
203097_s_at	RAPGEF2	-2.0745166	0.01726289	2.98E-03	0.3590297	2.785284894
218398_at	MRPS30	-2.4862427	0.01703643	7.33E-04	0.359416	2.782291273
201830_s_at	NET1	-2.5757848	0.01692722	4.34E-04	0.3597303	2.779860356
212099_at	RHOB	-1.7885712	0.0174521	5.94E-03	0.3599215	2.77838362
203600_s_at	C4orf8	-2.2166224	0.01715192	1.90E-03	0.3605314	2.773683513
222662_at	LOC286044	-2.0646142	0.01726289	3.03E-03	0.3605416	2.773605043
218539_at	FBXO34	-2.3430272	0.01703643	1.17E-03	0.3607233	2.77220795
223650_s_at	NRBF2	-1.7854128	0.0174521	5.97E-03	0.3610457	2.769732474
215933_s_at	HHEX	-2.2868037	0.01703643	1.39E-03	0.36107	2.769546071
207941_s_at	RNPC2	-1.8507167	0.01732618	5.09E-03	0.3613011	2.767774579
226337_at	FLJ11752	-1.6852633	0.01754276	7.21E-03	0.362266	2.760402577
227105_at	CSPP	-1.5192526	0.01774763	9.52E-03	0.3626959	2.757130698
222119_s_at	FBXO11	-2.047878	0.01726289	3.19E-03	0.3627021	2.757083568
223085_at	RNF19	-2.2482214	0.01710084	1.66E-03	0.3629286	2.755362901
203990_s_at	UTX	-2.6332902	0.01692722	3.08E-04	0.3633223	2.752377159
223282_at	SDCCAG33	-2.0896085	0.01726289	2.85E-03	0.3633309	2.752312011
225188_at	RAPH1	-2.0487474	0.01726289	3.17E-03	0.3633935	2.751837884
226447_at	ASH1L	-1.4369621	0.01817358	1.13E-02	0.3634646	2.751299576
201394_s_at	RBM5	-1.9419894	0.01726353	4.12E-03	0.3635237	2.750852283
236115_at	KIAA1467	-2.0995029	0.01726289	2.78E-03	0.363643	2.749949813
222624_s_at	ZNF639	-1.8162842	0.0173504	5.53E-03	0.3653703	2.736949336
202846_s_at	PIGC	-2.2697791	0.01710084	1.53E-03	0.3653962	2.736755336
205541_s_at	GSPT2	-1.9455432	0.01726353	4.10E-03	0.3656878	2.734573043
225402_at	TP53RK	-2.0151036	0.01726353	3.47E-03	0.3658393	2.733440612
226951_at	---	-1.8129563	0.01737787	5.58E-03	0.3659113	2.732902755
210269_s_at	DXYS155E	-1.7408864	0.01747098	6.48E-03	0.3662561	2.730329952
219571_s_at	ZNF12 /// ZNF325	-1.5509406	0.01768701	8.99E-03	0.3664464	2.728912059
203100_s_at	CDYL	-2.2697543	0.01710084	1.54E-03	0.3672451	2.722977107
221963_x_at	---	-2.1417681	0.01726289	2.47E-03	0.3679115	2.718044965
219376_at	ZNF322B	-2.0427163	0.01726289	3.26E-03	0.3679116	2.718044226
239377_at	MGC11102	-1.8397439	0.01732618	5.25E-03	0.3681065	2.716605113
213605_s_at	MGC22265	-1.575664	0.01766633	8.69E-03	0.3687939	2.711541595
226513_at	LOC145758	-1.8546789	0.01730062	5.02E-03	0.3688844	2.710876361
225838_at	EPC2	-1.9513996	0.01726353	4.03E-03	0.3694342	2.706841976
209681_at	SLC19A2	-2.3275797	0.01703643	1.20E-03	0.3698129	2.704070085
205251_at	PER2	-2.2718056	0.01710084	1.51E-03	0.369922	2.703272582
212945_s_at	MGA	-1.6891248	0.01754276	7.16E-03	0.3707791	2.697203646
225848_at	FLJ31413	-2.0824414	0.01726289	2.91E-03	0.3707832	2.696993823
210560_at	GBX2	-2.0992652	0.01726289	2.79E-03	0.3708155	2.6967589
228065_at	BCL9L	-1.866435	0.01727396	4.90E-03	0.3711214	2.694536074
227404_s_at	EGR1	-1.7528513	0.01747098	6.32E-03	0.372229	2.686518245
225519_at	PPP4R2	-1.7779944	0.01746419	6.03E-03	0.3727631	2.682668966
205993_s_at	TBX2	-1.8012544	0.01744848	5.75E-03	0.3732126	2.67943794
227305_s_at	SHMT1	-1.8699554	0.01727396	4.86E-03	0.3739103	2.674438228
216511_s_at	TCF7L2	-2.1292227	0.01726289	2.58E-03	0.3742067	2.67231987
208066_s_at	GTF2B	-1.9876037	0.01726353	3.73E-03	0.3748141	2.667989278
223289_s_at	USP38	-1.8263397	0.01732618	5.36E-03	0.3748866	2.667473311
219123_at	ZNF232	-2.2383773	0.01710084	1.73E-03	0.3751765	2.665412146
202600_s_at	NR1P1	-1.2189549	0.01930567	1.81E-02	0.3753037	2.66450877
203068_at	KLHL21	-1.9318993	0.01727396	4.23E-03	0.3768146	2.653824984
214766_s_at	ELYS	-0.9614288	0.02377444	3.94E-02	0.3768912	2.653285617
209815_at	PTCH	-2.2910272	0.01703643	1.38E-03	0.377148	2.651478995
202302_s_at	FLJ11021	-1.3451502	0.01864307	1.38E-02	0.3776942	2.647644576
203098_at	CDYL	-1.9563996	0.01726353	3.99E-03	0.3777431	2.64730183
212232_at	FNBP4	-1.7870542	0.0174521	5.96E-03	0.3778182	2.646775619
208892_s_at	DUSP6	-2.1737792	0.01726289	2.26E-03	0.3782916	2.643463402
227551_at	C9orf77	-2.3501986	0.01703643	1.13E-03	0.3785016	2.641996758
202068_s_at	LDLR	-2.2804114	0.01710084	1.45E-03	0.3791037	2.637800686
226100_at	MLL5	-1.799188	0.0174521	5.78E-03	0.3795098	2.634978069
206860_s_at	FLJ20323	-1.8124335	0.01743251	5.62E-03	0.3798049	2.632930749
229460_at	---	-1.9353527	0.01727396	4.20E-03	0.380039	2.631308892
216199_s_at	MAP3K4	-1.7426111	0.01747098	6.45E-03	0.3802963	2.629528607
205366_s_at	HOXB6	-2.0527875	0.01726289	3.11E-03	0.3803466	2.629180858
228963_at	---	-2.1517699	0.01726289	2.40E-03	0.380449	2.628473199
213034_at	KIAA0999	-2.1002173	0.01726289	2.73E-03	0.380821	2.625905609
213376_at	ZBTB1	-2.0666507	0.01726289	3.01E-03	0.381302	2.622593115
222789_at	RSBN1	-2.0995393	0.01726289	2.76E-03	0.3813911	2.621980429
233329_s_at	LOC51315	-2.0775523	0.01726289	2.96E-03	0.3814508	2.621570069
231940_at	ZNF529	-2.0211033	0.01726353	3.42E-03	0.381547	2.620909089
222239_s_at	DDX26	-1.9949408	0.01726353	3.66E-03	0.3818519	2.618816353
221803_s_at	NRBF2	-2.2083667	0.01715192	1.94E-03	0.3818622	2.618745715
202985_s_at	BAG5	-2.282644	0.01710084	1.44E-03	0.3820266	2.617618773
209839_at	DNM3	-1.5836197	0.01766633	8.59E-03	0.3822703	2.615950023
224705_s_at	TNRC6A	-1.6115034	0.01765749	8.16E-03	0.3825279	2.614188403
203372_s_at	SOCS2	-2.0244313	0.01726353	3.39E-03	0.3828034	2.612306996
208079_s_at	STK6	-2.1046831	0.01726289	2.71E-03	0.3839139	2.604750701
226251_at	ASXL2	-1.9491903	0.01726353	4.05E-03	0.3839284	2.604652326
217741_s_at	ZA20D2	-2.0863142	0.01726289	2.88E-03	0.3839739	2.604343681
209446_s_at	---	-2.1378847	0.01726289	2.51E-03	0.3841805	2.602943148
213578_at	BMPR1A	-1.9039614	0.01727396	4.46E-03	0.3844351	2.601219296
228785_at	ZNF281	-1.8844165	0.01727396	4.74E-03	0.3844577	2.601066385
219286_s_at	RBM15	-2.0863008	0.01726289	2.89E-03	0.3847545	2.59905992
228662_at	SOCS7	-1.8978019	0.01727396	4.59E-03	0.3849697	2.597607032
203643_at	ERF	-2.1078832	0.01726289	2.69E-03	0.3852692	2.595587709
230791_at	NFIB	-1.1104793	0.02054142	2.44E-02	0.3853242	2.595217222
218229_s_at	POGK	-2.114389	0.01726289	2.66E-03	0.3857255	2.592517218
205981_s_at	ING2	-2.0384859	0.01726353	3.30E-03	0.385906	2.591304618
202706_s_at	UMPS	-2.1389353	0.01726289	2.50E-03	0.3862973	2.588679755

219053_s_at	VPS37C	-2.0849466	0.01726289	2.89E-03	0.3864472	2.587675626
209141_at	UBE2G1	-2.3054684	0.01703643	1.29E-03	0.3864665	2.587546398
204593_s_at	FLJ20232	-2.1922754	0.01720934	2.10E-03	0.3866032	2.586631461
235233_s_at	---	-1.9939624	0.01726353	3.69E-03	0.3868086	2.585257929
222471_s_at	KCMF1	-1.9666787	0.01726353	3.89E-03	0.3872415	2.582367851
212116_at	RFP	-1.9792416	0.01726353	3.80E-03	0.3875161	2.580537944
240432_x_at	---	-1.8903092	0.01727396	4.66E-03	0.3876253	2.579810967
212612_at	RCOR1	-2.0527157	0.01726289	3.12E-03	0.3876542	2.579618639
217798_at	CNOT2	-1.946614	0.01726353	4.08E-03	0.3878829	2.578097668
204516_at	ATXN7	-1.7958173	0.0174521	5.82E-03	0.3881343	2.576427798
203693_s_at	E2F3	-2.1875173	0.01720934	2.14E-03	0.3886364	2.573099174
202495_at	TBCO	-2.1485524	0.01726289	2.43E-03	0.3889314	2.571147508
227373_at	LOC146517	-1.8646595	0.01727396	4.93E-03	0.3890128	2.570609502
226661_at	CDCA2	-1.8274766	0.01732618	5.33E-03	0.3897345	2.565849315
216017_s_at	NAB2	-1.8025133	0.01744848	5.73E-03	0.3897454	2.565777556
205562_at	RPP38	-2.2561937	0.01710084	1.61E-03	0.3902133	2.562700964
216593_s_at	PIGC	-2.1386426	0.01726289	2.51E-03	0.3902866	2.562219661
223916_s_at	BCOR	-1.8723985	0.01727396	4.84E-03	0.3904693	2.561020802
232065_x_at	dJ3834.3	-1.7744673	0.01746419	6.09E-03	0.3904925	2.560868647
209101_at	CTGF	-1.9889836	0.01726353	3.71E-03	0.3906699	2.559705777
222201_s_at	CASPBAP2	-1.2802291	0.01893406	1.57E-02	0.3909145	2.558104138
227697_at	SOCS3	-1.8435258	0.01732618	5.17E-03	0.3911403	2.556627379
209944_at	ZNF410	-2.149864	0.01726289	2.41E-03	0.3916612	2.553227126
232181_at	LOC153346	-1.9870681	0.01726353	3.74E-03	0.391886	2.551762502
227539_at	GNA13	-2.0073018	0.01726353	3.61E-03	0.3919833	2.551129091
202923_s_at	GCLC	-2.0983901	0.01726289	2.79E-03	0.3920465	2.550717836
204234_s_at	ZNF195	-1.1464465	0.02000566	2.17E-02	0.3922973	2.549087134
215685_s_at	DLX2	-2.3214757	0.01703643	1.24E-03	0.392313	2.548985122
203288_at	KIAA0355	-2.1477296	0.01726289	2.45E-03	0.3930122	2.544450274
213410_at	C10orf137	-2.1550234	0.01726289	2.38E-03	0.3932332	2.543020274
209142_s_at	UBE2G1	-2.1261561	0.01726289	2.60E-03	0.3940278	2.537891996
225878_at	KIF1B	-1.9393789	0.01726353	4.17E-03	0.3941398	2.537170821
227273_at	---	-1.8894107	0.01727396	4.70E-03	0.3942104	2.536716434
223705_s_at	DKFZp761C169	-1.4706991	0.0179658	1.04E-02	0.3942463	2.536485441
225457_s_at	DKFZP564I1171	-1.9201784	0.01727396	4.31E-03	0.3951316	2.530802396
202775_s_at	SFRS8	-1.8467794	0.01732618	5.15E-03	0.3951662	2.530580804
226732_at	LOC155435	-1.8896122	0.01727396	4.69E-03	0.3952376	2.530123652
211202_s_at	JARID1B	-1.9241844	0.01727396	4.30E-03	0.3955886	2.52787871
228145_s_at	ZNF398	-2.1696553	0.01726289	2.30E-03	0.3956722	2.527344605
228238_at	GAS5	-1.9336131	0.01727396	4.21E-03	0.3957676	2.526735387
206510_at	SIX2	-1.8230805	0.01732618	5.41E-03	0.3962144	2.523886058
225133_at	KLF3	-1.8648557	0.01727396	4.92E-03	0.3962371	2.523741467
202413_s_at	USP1	-1.2928325	0.01886878	1.53E-02	0.3965574	2.521703037
204790_at	SMAD7	-1.791258	0.0174521	5.90E-03	0.3967306	2.520602142
224945_at	BTBD7	-1.851646	0.01732618	5.06E-03	0.3970505	2.518571315
226711_at	HTLF	-1.6313101	0.01764668	7.86E-03	0.3970597	2.518512959
225834_at	MGC57827	-1.7560747	0.01747098	6.29E-03	0.3970763	2.518407671
224917_at	---	-2.1862569	0.01720934	2.17E-03	0.3970972	2.518275123
212051_at	WIRE	-1.9439462	0.01726353	4.12E-03	0.3972252	2.517463645
212696_s_at	RNF4	-2.1610785	0.01726289	2.35E-03	0.397227	2.517452238
231975_s_at	---	-1.647291	0.01761431	7.63E-03	0.3972629	2.51722474
205527_s_at	GEMIN4	-2.0995239	0.01726289	2.77E-03	0.397297	2.517008686
212655_at	ZCCHC14	-1.918859	0.01727396	4.34E-03	0.397565	2.515311962
227481_at	CNKSR3	-1.756811	0.01747098	6.28E-03	0.3977789	2.513959388
213387_at	KIAA1240	-1.3656739	0.01857399	1.32E-02	0.3980867	2.512015599
228778_at	ANGPT2	-1.9313018	0.01727396	4.24E-03	0.3981393	2.511683725
225117_at	LOC284058	-2.059124	0.01726289	3.08E-03	0.398165	2.511521605
228571_at	RBAK	-1.0802235	0.02098182	2.68E-02	0.3982827	2.510779404
210023_s_at	PCGF1	-2.0501872	0.01726289	3.16E-03	0.3984759	2.509562059
200851_s_at	KIAA0174	-1.9752738	0.01726353	3.82E-03	0.3986309	2.508586264
207338_s_at	ZNF200	-1.9110313	0.01727396	4.39E-03	0.3991452	2.505353941
203026_at	ZBTB5	-1.8908319	0.01727396	4.63E-03	0.3993511	2.504062215