

Supplementary Table S1. A list of transcriptome probes based on ALDOC knockdown.

Probe Set ID	FC (U87)	Log FC (U87)	FC (abs) (U87)	Regulation	FC (U87)	Log FC (U87)	FC (abs) (U87)	Regulation	U87 con.C	U87 shAL	U87 shAL	Gene Symbol
1565823 at	-1.54968	-0.63197	1.549677	down	-1.58271	-0.66239	1.582705	down	0	-0.63197	-0.66239	7-Sep
230071 at	-1.52074	-0.60477	1.520735	down	-1.70225	-0.76745	1.702254	down	0	-0.60477	-0.76745	11-Sep
222689 at	-1.67461	-0.74383	1.67461	down	-1.52749	-0.61116	1.52749	down	0	-0.74383	-0.61116	ACER3
1557418 at	-1.56662	-0.64766	1.566623	down	-1.88563	-0.91505	1.885634	down	0	-0.64766	-0.91505	ACSL4
202666 s at	-1.65061	-0.723	1.650608	down	-1.74966	-0.80708	1.749661	down	0	-0.723	-0.80708	ACTL6A
213411 at	-1.82796	-0.87024	1.827963	down	-1.65001	-0.72248	1.650012	down	0	-0.87024	-0.72248	ADAM22
232395 x at	-1.91252	-0.93547	1.912519	down	-1.67225	-0.74179	1.672251	down	0	-0.93547	-0.74179	AGBL3
228932 at	-1.55388	-0.63588	1.55388	down	-1.5903	-0.6693	1.5903	down	0	-0.63588	-0.6693	AGO3
205002 at	-1.50088	-0.58581	1.500881	down	-1.50088	-0.58581	1.500881	down	0	-0.58581	-0.58581	AHDC1
226665 at	-1.70974	-0.77378	1.709744	down	-1.52145	-0.60545	1.521449	down	0	-0.77378	-0.60545	AHSA2
225342 at	-1.50849	-0.5931	1.508487	down	-1.73787	-0.79732	1.737871	down	0	-0.5931	-0.79732	AK4
209160 at	-1.58184	-0.6616	1.581836	down	-1.7802	-0.83204	1.780199	down	0	-0.6616	-0.83204	AKR1C3
202022 at	-2.7126	-1.43968	2.712603	down	-1.71941	-0.78191	1.719406	down	0	-1.43968	-0.78191	ALDOC
228941 at	-1.95323	-0.96586	1.953233	down	-2.08693	-1.06138	2.086932	down	0	-0.96586	-1.06138	ALG10B
242900 at	-1.7421	-0.80083	1.7421	down	-1.91807	-0.93965	1.918068	down	0	-0.80083	-0.93965	ALG10B
235926 at	-1.74437	-0.8027	1.744366	down	-1.74687	-0.80477	1.746869	down	0	-0.8027	-0.80477	ANAPC5
220076 at	-1.87975	-0.91054	1.87975	down	-1.74166	-0.80046	1.741661	down	0	-0.91054	-0.80046	ANKH
220940 at	-2.04122	-1.02943	2.041221	down	-2.08482	-1.05993	2.084824	down	0	-1.02943	-1.05993	ANKRD36B
226641 at	-2.94408	-1.55782	2.944081	down	-1.65192	-0.72414	1.651921	down	0	-1.55782	-0.72414	ANKRD44
228471 at	-2.01536	-1.01104	2.015358	down	-1.66771	-0.73787	1.667707	down	0	-1.01104	-0.73787	ANKRD44
201038 s at	-1.55073	-0.63295	1.550734	down	-1.57873	-0.65876	1.578727	down	0	-0.63295	-0.65876	ANP32A
230652 at	-1.60292	-0.6807	1.602919	down	-1.50981	-0.59436	1.509805	down	0	-0.6807	-0.59436	ARAF
204492 at	-1.50088	-0.58581	1.500881	down	-1.5622	-0.64358	1.562196	down	0	-0.58581	-0.64358	ARHGAP11A
1558750 a at	-1.55425	-0.63622	1.554253	down	-1.54585	-0.6284	1.545849	down	0	-0.63622	-0.6284	ARHGAP11B//LOC100288637
226576 at	-1.50539	-0.59014	1.505388	down	-2.03145	-1.02251	2.031451	down	0	-0.59014	-1.02251	ARHGAP26
233903 s at	-1.6804	-0.7488	1.680399	down	-1.6804	-0.7488	1.680399	down	0	-0.7488	-0.7488	ARHGEP26
224797 at	-1.63489	-0.7092	1.634894	down	-1.73138	-0.79192	1.731377	down	0	-0.7092	-0.79192	ARRDC3
219973 at	-1.6216	-0.69742	1.621604	down	-1.63202	-0.70666	1.632021	down	0	-0.69742	-0.70666	ARSJ
237968 at	-1.51151	-0.59599	1.511512	down	-1.74206	-0.80079	1.742059	down	0	-0.59599	-0.80079	ATL2
226302 at	-1.76009	-0.81565	1.760086	down	-2.03761	-1.02688	2.037613	down	0	-0.81565	-1.02688	ATP8B1
235240 at	-1.51387	-0.59824	1.513873	down	-1.54982	-0.6321	1.549815	down	0	-0.59824	-0.6321	ATXN3
211379 x at	-1.55838	-0.64005	1.558383	down	-1.51749	-0.60168	1.517485	down	0	-0.64005	-0.60168	B3GALNT1
227051 at	-1.81608	-0.86083	1.816081	down	-2.18275	-1.12615	2.182749	down	0	-0.86083	-1.12615	BACE2
232442 at	-2.03501	-1.02503	2.035007	down	-2.16185	-1.11226	2.161847	down	0	-1.02503	-1.11226	BCAR1
230722 at	-1.55148	-0.63364	1.55148	down	-1.62354	-0.69914	1.623539	down	0	-0.63364	-0.69914	BNC2
224471 s at	-1.52005	-0.60412	1.520053	down	-1.75742	-0.81346	1.75742	down	0	-0.60412	-0.81346	BTRC
237245 at	-2.08478	-1.0599	2.084781	down	-1.86744	-0.90106	1.86744	down	0	-1.0599	-0.90106	BUB3
209183 s at	-2.24911	-1.16936	2.249115	down	-2.99616	-1.58312	2.996161	down	0	-1.16936	-1.58312	C10orf10
65472 at	-1.80608	-0.85286	1.806079	down	-1.66215	-0.73305	1.662145	down	0	-0.85286	-0.73305	C2orf68
224605 at	-1.75364	-0.81035	1.753639	down	-2.13956	-1.09731	2.139556	down	0	-0.81035	-1.09731	C4orf3
224875 at	-1.51455	-0.59889	1.514551	down	-1.96219	-0.97246	1.962186	down	0	-0.59889	-0.97246	C5orf24
205199 at	-1.92592	-0.94554	1.925915	down	-2.39351	-1.25913	2.393508	down	0	-0.94554	-1.25913	CA9

64408	s at	-1.77359	-0.82667	1.773588	down	-1.76563	-0.82019	1.765635	down	0	-0.82667	-0.82019	CALML4
1568600	at	-1.90276	-0.92809	1.902758	down	-1.94166	-0.95729	1.941658	down	0	-0.92809	-0.95729	CALML4
229549	at	-2.19972	-1.13732	2.199722	down	-1.6623	-0.73318	1.662296	down	0	-1.13732	-0.73318	CALU
226382	at	-1.53649	-0.61964	1.53649	down	-1.54427	-0.62692	1.544269	down	0	-0.61964	-0.62692	CAMK1D
1552701	a at	-1.51258	-0.59701	1.512576	down	-2.60954	-1.3838	2.609542	down	0	-0.59701	-1.3838	CARD16
207006	s at	-1.51848	-0.60263	1.518483	down	-1.51848	-0.60263	1.518483	down	0	-0.60263	-0.60263	CCDC106
228081	at	-1.52475	-0.60857	1.524749	down	-1.52475	-0.60857	1.524749	down	0	-0.60857	-0.60857	CCNG2
217523	at	-1.54317	-0.62589	1.543165	down	-1.73188	-0.79234	1.731885	down	0	-0.62589	-0.79234	CD44
201005	at	-1.69321	-0.75976	1.693208	down	-1.71919	-0.78172	1.719185	down	0	-0.75976	-0.78172	CD9
209112	at	-1.51395	-0.59832	1.513955	down	-1.66823	-0.73832	1.668228	down	0	-0.59832	-0.73832	CDKN1B
209172	s at	-1.55736	-0.6391	1.557358	down	-1.51664	-0.60088	1.516642	down	0	-0.6391	-0.60088	CENPF
222848	at	-1.60512	-0.68268	1.60512	down	-1.55081	-0.63302	1.550808	down	0	-0.68268	-0.63302	CENPK
239322	at	-1.7774	-0.82977	1.777399	down	-1.72186	-0.78397	1.72186	down	0	-0.82977	-0.78397	CEP41
209763	at	-2.10335	-1.07269	2.103347	down	-1.99245	-0.99454	1.992447	down	0	-1.07269	-0.99454	CHRDL1
226686	at	-1.6075	-0.68482	1.607497	down	-1.8038	-0.85104	1.803801	down	0	-0.68482	-0.85104	CISD2
241696	at	-1.54326	-0.62598	1.543261	down	-1.91026	-0.93377	1.91026	down	0	-0.62598	-0.93377	CNTLN
206497	at	-1.90286	-0.92817	1.902863	down	-2.1221	-1.08549	2.122095	down	0	-0.92817	-1.08549	COA1
202311	s at	-2.23578	-1.16078	2.235778	down	-2.46612	-1.30224	2.466123	down	0	-1.16078	-1.30224	COL1A1
213846	at	-1.50822	-0.59284	1.508216	down	-1.64134	-0.71488	1.641344	down	0	-0.59284	-0.71488	COX7C
205832	at	-2.01715	-1.01232	2.017152	down	-2.66247	-1.41276	2.662467	down	0	-1.01232	-1.41276	CPA4
217564	s at	-2.12998	-1.09084	2.129979	down	-1.81051	-0.8564	1.810514	down	0	-1.09084	-0.8564	CPS1
238914	at	-1.59251	-0.67131	1.592514	down	-2.1329	-1.09281	2.132897	down	0	-0.67131	-1.09281	DCC
212690	at	-1.68118	-0.74947	1.681179	down	-1.54926	-0.63158	1.549261	down	0	-0.74947	-0.63158	DDHD2
218362	s at	-1.52091	-0.60493	1.520906	down	-1.5917	-0.67057	1.591704	down	0	-0.60493	-0.67057	DIS3
1556821	x at	-1.56404	-0.64528	1.564041	down	-1.56404	-0.64528	1.564041	down	0	-0.64528	-0.64528	DLEU2
229588	at	-1.5482	-0.63059	1.548195	down	-1.78135	-0.83297	1.781351	down	0	-0.63059	-0.83297	DNAJC10
201843	s at	-2.1422	-1.09909	2.142202	down	-2.33589	-1.22397	2.335889	down	0	-1.09909	-1.22397	EFEMP1
230479	at	-1.77526	-0.82803	1.775256	down	-1.77526	-0.82803	1.775256	down	0	-0.82803	-0.82803	EIF3F
213570	at	-1.51162	-0.5961	1.511624	down	-1.8415	-0.88088	1.841496	down	0	-0.5961	-0.88088	EIF4E2
230178	s at	-1.51473	-0.59906	1.514727	down	-1.68711	-0.75456	1.687113	down	0	-0.59906	-0.75456	ELP2
1569349	at	-1.50418	-0.58898	1.504184	down	-1.50418	-0.58898	1.504184	down	0	-0.58898	-0.58898	EMSY
204161	s at	-1.56496	-0.64613	1.564963	down	-1.73161	-0.79211	1.731609	down	0	-0.64613	-0.79211	ENPP4
227803	at	-1.67406	-0.74335	1.674056	down	-2.01872	-1.01344	2.018717	down	0	-0.74335	-1.01344	ENPP5
237054	at	-1.89966	-0.92574	1.899658	down	-2.35141	-1.23353	2.35141	down	0	-0.92574	-1.23353	ENPP5
1562921	at	-1.51634	-0.60059	1.516339	down	-1.58213	-0.66187	1.58213	down	0	-0.60059	-0.66187	EP300-AS1
206070	s at	-1.94139	-0.95709	1.941392	down	-2.05777	-1.04108	2.057766	down	0	-0.95709	-1.04108	EPHA3
231926	at	-1.50646	-0.59116	1.506455	down	-1.67816	-0.74688	1.678165	down	0	-0.59116	-0.74688	EPS15L1
226418	at	-1.55412	-0.6361	1.554117	down	-1.55412	-0.6361	1.554117	down	0	-0.6361	-0.6361	ERGIC2
224698	at	-1.54027	-0.62319	1.540274	down	-1.54027	-0.62319	1.540274	down	0	-0.62319	-0.62319	ESYT2
203989	x at	-1.55083	-0.63304	1.550832	down	-1.96302	-0.97308	1.963023	down	0	-0.63304	-0.97308	F2R
213506	at	-1.50939	-0.59397	1.509393	down	-1.82997	-0.87182	1.829974	down	0	-0.59397	-0.87182	F2RL1
230147	at	-1.55788	-0.63958	1.557879	down	-1.58145	-0.66125	1.581449	down	0	-0.63958	-0.66125	F2RL2
228441	s at	-1.5367	-0.61984	1.536704	down	-1.82661	-0.86917	1.826606	down	0	-0.61984	-0.86917	FAM160A1
235850	at	-1.7047	-0.76951	1.704696	down	-1.75146	-0.80856	1.751461	down	0	-0.76951	-0.80856	FAM162A

36612	at	-2.01993	-1.0143	2.019928	down	-2.43153	-1.28186	2.431527	down	0	-1.0143	-1.28186	FAM168A
224973	at	-1.50936	-0.59394	1.509359	down	-1.64288	-0.71623	1.642879	down	0	-0.59394	-0.71623	FAM46A
226811	at	-1.73645	-0.79614	1.736448	down	-1.92451	-0.94449	1.924513	down	0	-0.79614	-0.94449	FAM46C
228987	at	-1.91419	-0.93673	1.914188	down	-1.57191	-0.65251	1.571906	down	0	-0.93673	-0.65251	FAM49B
226062	x at	-1.51958	-0.60367	1.519581	down	-1.64349	-0.71676	1.643487	down	0	-0.60367	-0.71676	FAM63A
235125	x at	-1.52991	-0.61345	1.529914	down	-1.70903	-0.77318	1.70903	down	0	-0.61345	-0.77318	FAM73A
235318	at	-1.66302	-0.7338	1.663017	down	-2.05731	-1.04076	2.057312	down	0	-0.7338	-1.04076	FBN1
221123	x at	-1.50359	-0.58842	1.503595	down	-1.56494	-0.64611	1.56494	down	0	-0.58842	-0.64611	FBXO16///ZNF395
232693	s at	-1.58804	-0.66725	1.588044	down	-1.68266	-0.75075	1.682664	down	0	-0.66725	-0.75075	FBXO16///ZNF395
1559096	x at	-1.59847	-0.67669	1.598469	down	-1.70845	-0.77268	1.708446	down	0	-0.67669	-0.77268	FBXO9
235311	at	-1.58872	-0.66787	1.588721	down	-1.86201	-0.89686	1.862009	down	0	-0.66787	-0.89686	FKBP14
223667	at	-1.83911	-0.87901	1.839108	down	-2.22977	-1.15689	2.229767	down	0	-0.87901	-1.15689	FKBP7
1558199	at	-1.55128	-0.63346	1.551283	down	-1.75359	-0.81031	1.753585	down	0	-0.63346	-0.81031	FN1
207653	at	-1.55375	-0.63575	1.55375	down	-1.55375	-0.63575	1.55375	down	0	-0.63575	-0.63575	FOXD2
243409	at	-1.64522	-0.71828	1.645221	down	-1.77892	-0.831	1.778921	down	0	-0.71828	-0.831	FOXL1
235535	x at	-1.57515	-0.65549	1.575148	down	-1.57515	-0.65549	1.575148	down	0	-0.65549	-0.65549	FRG1///FRG1BP///FRG1CP
230904	at	-1.67839	-0.74708	1.678395	down	-1.61946	-0.69551	1.619456	down	0	-0.74708	-0.69551	FSD1L
236035	at	-1.66701	-0.73727	1.667014	down	-1.66701	-0.73727	1.667014	down	0	-0.73727	-0.73727	FZD1
204875	s at	-1.50886	-0.59346	1.508859	down	-1.59322	-0.67195	1.593223	down	0	-0.59346	-0.67195	GMDS
242404	at	-1.82244	-0.86587	1.822444	down	-1.82244	-0.86587	1.822444	down	0	-0.86587	-0.86587	GNB5
213212	x at	-1.51211	-0.59656	1.512106	down	-1.61944	-0.6955	1.61944	down	0	-0.59656	-0.6955	GOLGA6L4///GOLGA6L5P
243880	at	-1.76339	-0.81835	1.763387	down	-1.68459	-0.7524	1.684589	down	0	-0.81835	-0.7524	GOSR2
219313	at	-1.9285	-0.94748	1.9285	down	-1.66701	-0.73727	1.667014	down	0	-0.94748	-0.73727	GRAMD1C
240452	at	-1.5936	-0.67229	1.593603	down	-1.54683	-0.62931	1.546826	down	0	-0.67229	-0.62931	GSPT1
215599	at	-1.93964	-0.95579	1.939636	down	-1.96419	-0.97393	1.964188	down	0	-0.95579	-0.97393	GUSBP3
213054	at	-1.84358	-0.88251	1.843582	down	-1.5177	-0.60189	1.517699	down	0	-0.88251	-0.60189	HAUS5
227350	at	-1.86416	-0.89852	1.864159	down	-1.71598	-0.77903	1.715982	down	0	-0.89852	-0.77903	HELLS
208576	s at	-2.06254	-1.04442	2.062541	down	-1.8115	-0.85719	1.811504	down	0	-1.04442	-0.85719	HIST1H3B
238900	at	-1.5622	-0.64358	1.562196	down	-1.59561	-0.67411	1.595607	down	0	-0.64358	-0.67411	HLA-DRB1///HLA-DRB3
225786	at	-1.8609	-0.896	1.860901	down	-1.58739	-0.66666	1.587394	down	0	-0.896	-0.66666	HNRNPU
235603	at	-1.61642	-0.69281	1.616424	down	-1.80151	-0.8492	1.801507	down	0	-0.69281	-0.8492	HNRNPU
244442	at	-1.52018	-0.60424	1.520178	down	-1.51367	-0.59805	1.513666	down	0	-0.60424	-0.59805	HORMAD2
230031	at	-1.63297	-0.7075	1.632967	down	-1.73712	-0.7967	1.737121	down	0	-0.7075	-0.7967	HSPA5
242639	at	-1.99369	-0.99544	1.993693	down	-1.65001	-0.72248	1.650014	down	0	-0.99544	-0.72248	ICE2
213931	at	-1.67725	-0.7461	1.677254	down	-1.80022	-0.84818	1.800224	down	0	-0.7461	-0.84818	ID2///ID2B
236823	at	-1.88591	-0.91526	1.885907	down	-1.88591	-0.91526	1.885907	down	0	-0.91526	-0.91526	IDS
204415	at	-2.11077	-1.07777	2.11077	down	-2.131	-1.09153	2.130995	down	0	-1.07777	-1.09153	IFI6
210095	s at	-1.56667	-0.6477	1.566667	down	-1.57268	-0.65323	1.572684	down	0	-0.6477	-0.65323	IGFBP3
212143	s at	-1.89378	-0.92127	1.893781	down	-2.01906	-1.01368	2.019058	down	0	-0.92127	-1.01368	IGFBP3
1562848	at	-1.67652	-0.74547	1.676522	down	-1.63096	-0.70572	1.63096	down	0	-0.74547	-0.70572	IST1
201474	s at	-1.527	-0.6107	1.527004	down	-1.57061	-0.65133	1.570612	down	0	-0.6107	-0.65133	ITGA3
205885	s at	-1.88473	-0.91436	1.884727	down	-1.61644	-0.69282	1.616439	down	0	-0.91436	-0.69282	ITGA4
213416	at	-1.67503	-0.74419	1.675032	down	-2.24266	-1.16521	2.242657	down	0	-0.74419	-1.16521	ITGA4
223412	at	-1.60812	-0.68538	1.608122	down	-2.11021	-1.07739	2.110213	down	0	-0.68538	-1.07739	KBTBD7

229298	at	-1.81926	-0.86335	1.819257	down	-1.81926	-0.86335	1.819257	down	0	-0.86335	-0.86335	KBTBD7
229970	at	-1.59508	-0.67363	1.595078	down	-1.59508	-0.67363	1.595078	down	0	-0.67363	-0.67363	KBTBD7
229850	at	-1.60044	-0.67847	1.60044	down	-1.82283	-0.86618	1.82283	down	0	-0.67847	-0.86618	KDSR
238659	at	-2.06618	-1.04697	2.066182	down	-1.95786	-0.96928	1.957858	down	0	-1.04697	-0.96928	KIAA0141
213316	at	-1.63321	-0.70771	1.633206	down	-1.80131	-0.84904	1.801306	down	0	-0.70771	-0.84904	KIAA1462
236887	at	-1.71683	-0.77975	1.716832	down	-1.62269	-0.69839	1.622688	down	0	-0.77975	-0.69839	KIN
226158	at	-1.67251	-0.74201	1.67251	down	-1.83306	-0.87426	1.833063	down	0	-0.74201	-0.87426	KLHL24
201795	at	-1.6681	-0.7382	1.668097	down	-1.76147	-0.81678	1.761467	down	0	-0.7382	-0.81678	LBR
225571	at	-1.80146	-0.84917	1.801462	down	-1.69723	-0.76318	1.697226	down	0	-0.84917	-0.76318	LJFR
222456	s at	-1.75957	-0.81522	1.759568	down	-1.85216	-0.88921	1.852157	down	0	-0.81522	-0.88921	LJMA1
213703	at	-2.18387	-1.12688	2.183866	down	-2.45683	-1.2968	2.456833	down	0	-1.12688	-1.2968	LINC00342
204249	s at	-2.187	-1.12896	2.187005	down	-2.1903	-1.13113	2.190304	down	0	-1.12896	-1.13113	LMO2
235060	at	-1.58035	-0.66024	1.580347	down	-1.82953	-0.87148	1.829533	down	0	-0.66024	-0.87148	LOC100190986
240467	at	-1.54592	-0.62847	1.545925	down	-1.66044	-0.73156	1.660438	down	0	-0.62847	-0.73156	LOC105373341
235151	at	-1.63886	-0.71269	1.63886	down	-1.98069	-0.986	1.980692	down	0	-0.71269	-0.986	LOC283357
229007	at	-1.65436	-0.72627	1.654357	down	-1.82856	-0.87071	1.82856	down	0	-0.72627	-0.87071	LOC283788
231478	at	-1.5234	-0.6073	1.523404	down	-1.5234	-0.6073	1.523404	down	0	-0.6073	-0.6073	LOC729966//PDE4C
1561180	at	-1.69667	-0.76271	1.696673	down	-1.75906	-0.8148	1.759055	down	0	-0.76271	-0.8148	LRP11
231840	x at	-1.50211	-0.58699	1.502114	down	-1.61823	-0.69442	1.618229	down	0	-0.58699	-0.69442	LYRM7
221261	x at	-1.57791	-0.65801	1.577908	down	-1.52804	-0.61168	1.528036	down	0	-0.65801	-0.61168	MAGED4//MAGED4B
223313	s at	-1.6238	-0.69937	1.623796	down	-1.67247	-0.74198	1.672471	down	0	-0.69937	-0.74198	MAGED4//MAGED4B
228925	at	-1.61323	-0.68995	1.613227	down	-1.56315	-0.64445	1.563147	down	0	-0.68995	-0.64445	MAPKAPK5
1553759	at	-1.5341	-0.61739	1.534097	down	-1.68956	-0.75665	1.689558	down	0	-0.61739	-0.75665	MCM9
202611	s at	-1.6127	-0.68948	1.612703	down	-1.73736	-0.7969	1.737364	down	0	-0.68948	-0.7969	MED14
202016	at	-1.52778	-0.61143	1.527778	down	-2.11178	-1.07846	2.11178	down	0	-0.61143	-1.07846	MEST
236480	at	-2.03393	-1.02427	2.033932	down	-2.39152	-1.25793	2.391519	down	0	-1.02427	-1.25793	MIR210HG
229734	at	-1.5057	-0.59043	1.505696	down	-1.69517	-0.76143	1.695167	down	0	-0.59043	-0.76143	MIR4697HG
232071	at	-1.6505	-0.7229	1.650496	down	-1.68134	-0.74961	1.681341	down	0	-0.7229	-0.74961	MRPL19
242289	at	-1.64295	-0.71628	1.642946	down	-1.64295	-0.71628	1.642946	down	0	-0.71628	-0.71628	MRPL42
209146	at	-1.52642	-0.61015	1.52642	down	-1.54412	-0.62678	1.544117	down	0	-0.61015	-0.62678	MSMO1
212338	at	-1.58488	-0.66437	1.584876	down	-1.52562	-0.60939	1.525615	down	0	-0.66437	-0.60939	MYO1D
221899	at	-1.50871	-0.59331	1.508709	down	-1.59752	-0.67583	1.597518	down	0	-0.59331	-0.67583	N4BP2L2
201774	s at	-1.61844	-0.6946	1.618436	down	-1.79683	-0.84545	1.796828	down	0	-0.6946	-0.84545	NCAPD2
200632	s at	-1.61889	-0.69501	1.618892	down	-1.76478	-0.81949	1.76478	down	0	-0.69501	-0.81949	NDRG1
229235	at	-1.53124	-0.6147	1.531243	down	-1.55779	-0.6395	1.55779	down	0	-0.6147	-0.6395	NFATC2IP
213032	at	-1.65799	-0.72943	1.657989	down	-1.85143	-0.88864	1.851431	down	0	-0.72943	-0.88864	NFIB
235432	at	-1.50858	-0.59319	1.508581	down	-1.86312	-0.89772	1.863115	down	0	-0.59319	-0.89772	NPHP3
215921	at	-1.5982	-0.67645	1.598203	down	-1.52444	-0.60828	1.524439	down	0	-0.67645	-0.60828	NPIP11//NPIP3
229956	at	-1.56984	-0.65062	1.569839	down	-1.57359	-0.65406	1.573586	down	0	-0.65062	-0.65406	NR2C1
209505	at	-1.86139	-0.89638	1.861385	down	-2.03769	-1.02693	2.03769	down	0	-0.89638	-1.02693	NR2F1
241962	at	-1.73341	-0.79362	1.733415	down	-1.99117	-0.99361	1.991166	down	0	-0.79362	-0.99361	NT5DC1
1569030	s at	-1.55135	-0.63352	1.551351	down	-1.58611	-0.66549	1.586108	down	0	-0.63352	-0.66549	NUB1
225438	at	-1.51622	-0.60048	1.516225	down	-1.61073	-0.68771	1.61073	down	0	-0.60048	-0.68771	NUDCD1
213075	at	-1.64399	-0.7172	1.643988	down	-1.67801	-0.74675	1.678008	down	0	-0.7172	-0.74675	OLFML2A

200816	s at	-1.50204	-0.58693	1.502043	down	-1.54056	-0.62345	1.540559	down	0	-0.58693	-0.62345	PFAFH1B1
230100	x at	-1.5616	-0.64302	1.561598	down	-1.50209	-0.58697	1.502085	down	0	-0.64302	-0.58697	PAK1
224212	s at	-1.52871	-0.61231	1.528708	down	-1.52871	-0.61231	1.528708	down	0	-0.61231	-0.61231	PCDHA1///PCDHA10///PCDHA1
231726	at	-1.50769	-0.59234	1.507693	down	-1.74787	-0.80559	1.747866	down	0	-0.59234	-0.80559	PCDHB14
232099	at	-1.5041	-0.5889	1.504098	down	-1.76894	-0.82289	1.768942	down	0	-0.5889	-0.82289	PCDHB16
228905	at	-1.70272	-0.76784	1.70272	down	-1.70887	-0.77304	1.708868	down	0	-0.76784	-0.77304	PCM1
226119	at	-1.69442	-0.7608	1.694424	down	-1.58565	-0.66507	1.585647	down	0	-0.7608	-0.66507	PCMTD1
232521	at	-1.57115	-0.65182	1.571154	down	-1.57115	-0.65182	1.571154	down	0	-0.65182	-0.65182	PCSK7
229453	at	-1.60715	-0.68451	1.607154	down	-1.96805	-0.97677	1.968049	down	0	-0.68451	-0.97677	PDIA3
226452	at	-1.5594	-0.64099	1.559401	down	-1.92952	-0.94824	1.929519	down	0	-0.64099	-0.94824	PDK1
228499	at	-1.80495	-0.85196	1.804949	down	-1.9545	-0.9668	1.954498	down	0	-0.85196	-0.9668	PFKFB4
1558365	at	-2.13061	-1.09127	2.130613	down	-2.42954	-1.28069	2.429544	down	0	-1.09127	-1.28069	PGK1
229705	at	-1.57392	-0.65436	1.573923	down	-1.99718	-0.99797	1.997183	down	0	-0.65436	-0.99797	PIK3C3
239300	at	-1.57663	-0.65685	1.576631	down	-1.60698	-0.68435	1.606979	down	0	-0.65685	-0.68435	PIK3C3
213700	s at	-1.50055	-0.58549	1.500547	down	-1.50055	-0.58549	1.500547	down	0	-0.58549	-0.58549	PKM
238992	at	-1.50264	-0.5875	1.502643	down	-1.64078	-0.71438	1.640778	down	0	-0.5875	-0.71438	POLI
214978	s at	-1.51806	-0.60223	1.518058	down	-1.86112	-0.89617	1.861122	down	0	-0.60223	-0.89617	PPFIA4
203407	at	-2.25697	-1.17439	2.256974	down	-3.29695	-1.72113	3.296954	down	0	-1.17439	-1.72113	PPL
201407	s at	-1.54794	-0.63035	1.547939	down	-1.71707	-0.77995	1.717074	down	0	-0.63035	-0.77995	PPP1CB
201408	at	-1.68433	-0.75218	1.684333	down	-2.08821	-1.06227	2.088212	down	0	-0.75218	-1.06227	PPP1CB
214917	at	-1.75382	-0.8105	1.753822	down	-1.76093	-0.81633	1.760926	down	0	-0.8105	-0.81633	PRKAA1
225984	at	-1.65289	-0.72499	1.652893	down	-1.52356	-0.60745	1.523563	down	0	-0.72499	-0.60745	PRKAA1
238441	at	-1.60667	-0.68408	1.606672	down	-1.62481	-0.70027	1.624811	down	0	-0.68408	-0.70027	PRKAA2
219383	at	-1.89067	-0.9189	1.890667	down	-1.72073	-0.78302	1.72073	down	0	-0.9189	-0.78302	PRR5L
241774	at	-2.34723	-1.23096	2.347229	down	-2.12761	-1.08923	2.127607	down	0	-1.23096	-1.08923	PSMA3-AS1
227944	at	-1.52363	-0.60751	1.52363	down	-1.52896	-0.61255	1.528962	down	0	-0.60751	-0.61255	PTPN3
225396	at	-1.5059	-0.59063	1.505899	down	-1.62214	-0.6979	1.622138	down	0	-0.59063	-0.6979	RBBP4
228455	at	-1.91221	-0.93524	1.912207	down	-1.51497	-0.59929	1.514969	down	0	-0.93524	-0.59929	RBM15
205158	at	-1.71345	-0.77691	1.713455	down	-1.63437	-0.70873	1.634366	down	0	-0.77691	-0.70873	RNASE4
213397	x at	-2.20659	-1.14182	2.206586	down	-2.41841	-1.27406	2.418408	down	0	-1.14182	-1.27406	RNASE4
238949	at	-1.59512	-0.67366	1.595118	down	-1.74374	-0.80218	1.743737	down	0	-0.67366	-0.80218	RNF145
1556062	at	-1.77622	-0.82881	1.776222	down	-1.81363	-0.85888	1.813631	down	0	-0.82881	-0.85888	RPP30
209006	s at	-1.70075	-0.76617	1.700749	down	-1.52504	-0.60885	1.525044	down	0	-0.76617	-0.60885	RSRP1
219957	at	-1.5444	-0.62704	1.544396	down	-1.50646	-0.59116	1.506455	down	0	-0.62704	-0.59116	RUFY2
219691	at	-1.59416	-0.67279	1.594155	down	-1.54881	-0.63116	1.548812	down	0	-0.67279	-0.63116	SAMD9
234987	at	-1.6147	-0.69126	1.614696	down	-1.8903	-0.91862	1.890302	down	0	-0.69126	-0.91862	SAMHD1
200832	s at	-2.27369	-1.18504	2.273692	down	-2.24835	-1.16886	2.248346	down	0	-1.18504	-1.16886	SCD
202375	at	-1.63039	-0.70521	1.630387	down	-1.57756	-0.65769	1.577559	down	0	-0.70521	-0.65769	SEC24D
215641	at	-1.67374	-0.74308	1.673744	down	-2.1663	-1.11523	2.1663	down	0	-0.74308	-1.11523	SEC24D
1552789	at	-1.54037	-0.62327	1.540367	down	-1.71354	-0.77698	1.713542	down	0	-0.62327	-0.77698	SEC62
1552790	a at	-1.50967	-0.59423	1.509669	down	-1.559	-0.64062	1.559001	down	0	-0.59423	-0.64062	SEC62
235395	at	-1.53755	-0.62063	1.537546	down	-1.53755	-0.62063	1.537546	down	0	-0.62063	-0.62063	SEC63
221768	at	-1.83077	-0.87245	1.830769	down	-2.0528	-1.0376	2.052804	down	0	-0.87245	-1.0376	SFPQ
1553292	s at	-2.0201	-1.01443	2.020098	down	-1.64295	-0.71629	1.642946	down	0	-1.01443	-0.71629	SGK494

231938	at	-1.61889	-0.69501	1.618892	down	-1.61889	-0.69501	1.618892	down	0	-0.69501	-0.69501	SGOL1
202856	s at	-1.63076	-0.70554	1.630759	down	-1.90984	-0.93346	1.909845	down	0	-0.70554	-0.93346	SLC16A3
223698	at	-1.88805	-0.91689	1.888045	down	-1.56361	-0.64488	1.563611	down	0	-0.91689	-0.64488	SLC25A36
201250	s at	-1.57217	-0.65276	1.572169	down	-1.80537	-0.8523	1.805372	down	0	-0.65276	-0.8523	SLC2A1
202498	s at	-1.53214	-0.61554	1.532136	down	-1.7129	-0.77644	1.712899	down	0	-0.61554	-0.77644	SLC2A3
202499	s at	-1.63066	-0.70546	1.630661	down	-2.01043	-1.00751	2.010433	down	0	-0.70546	-1.00751	SLC2A3
243166	at	-1.58099	-0.66083	1.580987	down	-1.78054	-0.83231	1.780538	down	0	-0.66083	-0.83231	SLC30A5
227620	at	-1.78587	-0.83663	1.785874	down	-2.07835	-1.05544	2.07835	down	0	-0.83663	-1.05544	SLC44A1
235725	at	-1.70804	-0.77234	1.708037	down	-1.70804	-0.77234	1.708037	down	0	-0.77234	-0.77234	SMAD4
1565703	at	-1.93867	-0.95507	1.938674	down	-1.59515	-0.67369	1.595153	down	0	-0.95507	-0.67369	SMAD4
236535	at	-1.66741	-0.73761	1.667408	down	-1.82397	-0.86708	1.823969	down	0	-0.73761	-0.86708	SMC6
212579	at	-1.58249	-0.6622	1.582493	down	-1.6499	-0.72238	1.649897	down	0	-0.6622	-0.72238	SMCHD1
212921	at	-1.86534	-0.89944	1.865335	down	-1.50646	-0.59116	1.506455	down	0	-0.89944	-0.59116	SMYD2
1556629	a at	-1.73994	-0.79904	1.739941	down	-2.057	-1.04054	2.056996	down	0	-0.79904	-1.04054	SNAP25
222286	at	-1.83953	-0.87934	1.839529	down	-1.8331	-0.87428	1.833098	down	0	-0.87934	-0.87428	SNAPC3
229712	at	-2.03234	-1.02315	2.032345	down	-2.15605	-1.10839	2.156048	down	0	-1.02315	-1.10839	SNAPC3
242146	at	-1.60692	-0.6843	1.606918	down	-2.00405	-1.00292	2.004053	down	0	-0.6843	-1.00292	SNRPA1
213364	s at	-1.57889	-0.65892	1.578895	down	-1.67045	-0.74024	1.670454	down	0	-0.65892	-0.74024	SNX1
232049	at	-1.89201	-0.91992	1.892014	down	-1.86118	-0.89621	1.861176	down	0	-0.91992	-0.89621	SNX2
207711	at	-1.68215	-0.7503	1.682146	down	-1.81337	-0.85867	1.813372	down	0	-0.7503	-0.85867	SOGA1
229075	at	-1.50597	-0.59069	1.50597	down	-1.59087	-0.66982	1.590871	down	0	-0.59069	-0.66982	SPATA5
230885	at	-1.5999	-0.67798	1.599898	down	-1.63375	-0.70818	1.633746	down	0	-0.67798	-0.70818	SPG7
235611	at	-1.58484	-0.66433	1.584837	down	-1.61375	-0.69041	1.613746	down	0	-0.66433	-0.69041	SREK1
200685	at	-1.62067	-0.69659	1.620668	down	-1.68187	-0.75006	1.681866	down	0	-0.69659	-0.75006	SRSF11
213742	at	-1.7484	-0.80604	1.7484	down	-1.78543	-0.83627	1.785431	down	0	-0.80604	-0.83627	SRSF11
238483	at	-1.74642	-0.8044	1.746424	down	-2.26037	-1.17656	2.260368	down	0	-0.8044	-1.17656	SSBP2
238484	s at	-1.55848	-0.64014	1.55848	down	-1.79687	-0.84549	1.79687	down	0	-0.64014	-0.84549	SSBP2
238861	at	-1.54749	-0.62993	1.547491	down	-1.65223	-0.72442	1.652234	down	0	-0.62993	-0.72442	SSBP2
1558604	a at	-1.61142	-0.68834	1.611424	down	-1.69303	-0.75961	1.693028	down	0	-0.68834	-0.75961	SSBP2
225435	at	-1.60409	-0.68175	1.60409	down	-1.66709	-0.73733	1.667088	down	0	-0.68175	-0.73733	SSR1
226390	at	-1.772	-0.82538	1.772	down	-1.62564	-0.70101	1.625639	down	0	-0.82538	-0.70101	STARD4
229513	at	-1.55674	-0.63853	1.556745	down	-1.7011	-0.76647	1.701098	down	0	-0.63853	-0.76647	STRBP
215287	at	-1.5694	-0.65021	1.569401	down	-1.77161	-0.82506	1.771613	down	0	-0.65021	-0.82506	STRN
202761	s at	-2.08828	-1.06232	2.088283	down	-1.73986	-0.79897	1.739858	down	0	-1.06232	-0.79897	SYNE2
228483	s at	-1.84723	-0.88536	1.847228	down	-2.13436	-1.0938	2.134358	down	0	-0.88536	-1.0938	TAF9B
238067	at	-1.55667	-0.63847	1.556674	down	-1.85467	-0.89117	1.854674	down	0	-0.63847	-0.89117	TBC1D8B
235890	at	-1.63941	-0.71318	1.63941	down	-1.53798	-0.62103	1.537976	down	0	-0.71318	-0.62103	TBL1XR1
201449	at	-1.50456	-0.58934	1.504556	down	-1.98371	-0.9882	1.98371	down	0	-0.58934	-0.9882	TIA1
224560	at	-1.9816	-0.98666	1.981597	down	-2.23237	-1.15858	2.23237	down	0	-0.98666	-1.15858	TIMP2
201150	s at	-2.31234	-1.20935	2.312337	down	-2.63954	-1.40029	2.639539	down	0	-1.20935	-1.40029	TIMP3
217974	at	-1.60913	-0.68628	1.609133	down	-1.61469	-0.69126	1.614689	down	0	-0.68628	-0.69126	TM7SF3
235798	at	-1.53789	-0.62095	1.537887	down	-1.7403	-0.79934	1.740303	down	0	-0.62095	-0.79934	TMEM170B
228255	at	-1.63677	-0.71086	1.636774	down	-1.67263	-0.74212	1.672631	down	0	-0.71086	-0.74212	TMEM237
234980	at	-1.62791	-0.70302	1.627913	down	-1.56019	-0.64172	1.560193	down	0	-0.70302	-0.64172	TMEM56

237515	at	-2.01951	-1.014	2.019506	down	-1.50759	-0.59225	1.507592	down	0	-1.014	-0.59225	TMEM56
232023	at	-1.51801	-0.60218	1.518005	down	-1.62817	-0.70325	1.628171	down	0	-0.60218	-0.70325	TMEM67
237169	at	-1.73134	-0.79189	1.731342	down	-2.21179	-1.14521	2.211785	down	0	-0.79189	-1.14521	TNC
241858	at	-1.51403	-0.59839	1.514029	down	-1.75193	-0.80895	1.751933	down	0	-0.59839	-0.80895	TNNI3K
230779	at	-1.56556	-0.64668	1.56556	down	-1.88628	-0.91554	1.886277	down	0	-0.64668	-0.91554	TNRC6B
230241	at	-1.57285	-0.65338	1.572846	down	-1.77399	-0.827	1.773992	down	0	-0.65338	-0.827	TOR1AIP2
201691	s at	-1.93721	-0.95398	1.937206	down	-1.80768	-0.85414	1.807676	down	0	-0.95398	-0.85414	TPD52
230211	at	-1.74956	-0.80699	1.749557	down	-1.6183	-0.69448	1.618299	down	0	-0.80699	-0.69448	TRIP11
235561	at	-2.54403	-1.34711	2.544026	down	-2.02943	-1.02107	2.029428	down	0	-1.34711	-1.02107	TXNL1
238868	at	-1.60692	-0.6843	1.606917	down	-2.31538	-1.21125	2.315384	down	0	-0.6843	-1.21125	UACA
1555560	at	-2.1536	-1.10675	2.153603	down	-2.36034	-1.23899	2.360339	down	0	-1.10675	-1.23899	UGGT2
229573	at	-1.74642	-0.8044	1.746416	down	-2.03769	-1.02693	2.037686	down	0	-0.8044	-1.02693	USP9X
213686	at	-1.61878	-0.69491	1.618784	down	-1.61232	-0.68914	1.61232	down	0	-0.69491	-0.68914	VPS13A
235625	at	-1.73055	-0.79123	1.730551	down	-2.22683	-1.15499	2.226831	down	0	-0.79123	-1.15499	VPS41
230267	at	-1.77877	-0.83088	1.77877	down	-2.11434	-1.08021	2.114338	down	0	-0.83088	-1.08021	WSB1
206698	at	-1.51151	-0.59599	1.511512	down	-1.69761	-0.76351	1.69761	down	0	-0.59599	-0.76351	XK
242443	at	-1.76256	-0.81768	1.762565	down	-1.60518	-0.68273	1.605179	down	0	-0.81768	-0.68273	ZC3H14
206169	x at	-1.53072	-0.61421	1.530725	down	-1.9016	-0.92721	1.901599	down	0	-0.61421	-0.92721	ZC3H7B
212366	at	-1.5144	-0.59874	1.514398	down	-1.68336	-0.75135	1.683363	down	0	-0.59874	-0.75135	ZNF292
218149	s at	-1.58914	-0.66825	1.589144	down	-1.74512	-0.80333	1.74512	down	0	-0.66825	-0.80333	ZNF395
219848	s at	-1.58716	-0.66645	1.587162	down	-1.67298	-0.74242	1.672977	down	0	-0.66645	-0.74242	ZNF432
228630	at	-1.50008	-0.58504	1.500079	down	-1.50906	-0.59365	1.509057	down	0	-0.58504	-0.59365	ZNF84
237335	at	-1.56421	-0.64544	1.564215	down	-1.84351	-0.88246	1.843512	down	0	-0.64544	-0.88246	ZP1
209446	s at	-1.80519	-0.85215	1.80519	down	-1.7824	-0.83382	1.782399	down	0	-0.85215	-0.83382	
213500	at	-1.61049	-0.6875	1.610494	down	-1.72554	-0.78705	1.725539	down	0	-0.6875	-0.78705	
213605	s at	-2.10002	-1.0704	2.100021	down	-2.08878	-1.06266	2.088777	down	0	-1.0704	-1.06266	
216147	at	-1.55089	-0.63309	1.550886	down	-1.52349	-0.60738	1.523489	down	0	-0.63309	-0.60738	
217653	x at	-1.54239	-0.62517	1.542388	down	-1.83336	-0.87449	1.833363	down	0	-0.62517	-0.87449	
31799	at	-1.83827	-0.87835	1.838272	down	-1.91175	-0.9349	1.911752	down	0	-0.87835	-0.9349	
223839	s at	-1.81599	-0.86075	1.815988	down	-2.05217	-1.03715	2.052173	down	0	-0.86075	-1.03715	
227576	at	-1.6642	-0.73483	1.664199	down	-1.6642	-0.73483	1.664199	down	0	-0.73483	-0.73483	
227663	at	-1.55128	-0.63346	1.551283	down	-1.55128	-0.63346	1.551283	down	0	-0.63346	-0.63346	
229434	at	-1.95419	-0.96657	1.954192	down	-1.91228	-0.93529	1.91228	down	0	-0.96657	-0.93529	
229692	at	-1.54337	-0.62608	1.543366	down	-1.69563	-0.76182	1.695633	down	0	-0.62608	-0.76182	
229795	at	-1.51047	-0.595	1.510469	down	-1.51047	-0.595	1.510469	down	0	-0.595	-0.595	
230927	at	-1.60917	-0.68632	1.60917	down	-1.83853	-0.87856	1.838535	down	0	-0.68632	-0.87856	
231069	at	-1.71304	-0.77656	1.713036	down	-1.76599	-0.82047	1.765985	down	0	-0.77656	-0.82047	
231890	at	-1.72667	-0.78799	1.726666	down	-1.94056	-0.95648	1.940565	down	0	-0.78799	-0.95648	
231979	at	-1.50999	-0.59454	1.509994	down	-1.6446	-0.71774	1.644605	down	0	-0.59454	-0.71774	
232174	at	-2.20539	-1.14103	2.205388	down	-2.05271	-1.03753	2.052707	down	0	-1.14103	-1.03753	
232347	x at	-1.61128	-0.6882	1.611277	down	-1.62219	-0.69794	1.622187	down	0	-0.6882	-0.69794	
232453	at	-1.81753	-0.86198	1.817533	down	-2.31336	-1.20999	2.313365	down	0	-0.86198	-1.20999	
232541	at	-2.30749	-1.20632	2.307487	down	-1.7754	-0.82814	1.775396	down	0	-1.20632	-0.82814	
232569	at	-1.52651	-0.61023	1.526507	down	-1.67221	-0.74176	1.672214	down	0	-0.61023	-0.74176	

232600	at	-1.82652	-0.8691	1.826524	down	-2.30099	-1.20225	2.300989	down	0	-0.8691	-1.20225	
232889	at	-1.65001	-0.72248	1.650012	down	-1.97831	-0.98427	1.97831	down	0	-0.72248	-0.98427	
233090	at	-1.8893	-0.91786	1.889305	down	-1.72722	-0.78845	1.72722	down	0	-0.91786	-0.78845	
233364	s at	-1.85848	-0.89413	1.858484	down	-2.0596	-1.04237	2.059602	down	0	-0.89413	-1.04237	
233388	at	-1.6792	-0.74777	1.679196	down	-1.6792	-0.74777	1.679196	down	0	-0.74777	-0.74777	
233518	at	-1.5447	-0.62733	1.544701	down	-1.5194	-0.6035	1.5194	down	0	-0.62733	-0.6035	
233607	at	-1.50949	-0.59406	1.509493	down	-1.50949	-0.59406	1.509493	down	0	-0.59406	-0.59406	
234997	x at	-1.83704	-0.87738	1.837038	down	-1.8091	-0.85527	1.809101	down	0	-0.87738	-0.85527	
235028	at	-3.62515	-1.85804	3.625148	down	-2.64837	-1.40511	2.648373	down	0	-1.85804	-1.40511	
235159	at	-1.74716	-0.80501	1.747162	down	-1.99152	-0.99387	1.991522	down	0	-0.80501	-0.99387	
235286	at	-1.88015	-0.91085	1.880152	down	-1.85148	-0.88868	1.851477	down	0	-0.91085	-0.88868	
235419	at	-1.57454	-0.65493	1.574541	down	-2.01652	-1.01187	2.016524	down	0	-0.65493	-1.01187	
235513	at	-1.68459	-0.7524	1.68459	down	-1.70591	-0.77054	1.705914	down	0	-0.7524	-0.77054	
235581	at	-1.8284	-0.87058	1.828404	down	-1.81891	-0.86307	1.818907	down	0	-0.87058	-0.86307	
235629	at	-2.13412	-1.09364	2.13412	down	-3.20185	-1.6789	3.201845	down	0	-1.09364	-1.6789	
235693	at	-1.86034	-0.89557	1.860344	down	-1.51842	-0.60257	1.518423	down	0	-0.89557	-0.60257	
235803	at	-1.52046	-0.60451	1.520462	down	-2.11535	-1.0809	2.115349	down	0	-0.60451	-1.0809	
236511	at	-1.59273	-0.67151	1.592734	down	-1.59273	-0.67151	1.592734	down	0	-0.67151	-0.67151	
238146	at	-1.54578	-0.62833	1.545776	down	-1.79352	-0.84279	1.793517	down	0	-0.62833	-0.84279	
238299	at	-1.55227	-0.63438	1.552271	down	-1.57389	-0.65434	1.573892	down	0	-0.63438	-0.65434	
238718	at	-1.65855	-0.72993	1.658553	down	-1.92985	-0.94849	1.929851	down	0	-0.72993	-0.94849	
238774	at	-2.11792	-1.08265	2.117921	down	-1.60518	-0.68273	1.605179	down	0	-1.08265	-0.68273	
239184	at	-1.51652	-0.60076	1.516518	down	-1.95311	-0.96577	1.953107	down	0	-0.60076	-0.96577	
239516	at	-2.15971	-1.11084	2.159708	down	-1.88011	-0.91081	1.880107	down	0	-1.11084	-0.91081	
239735	at	-1.58176	-0.66153	1.581763	down	-1.58176	-0.66153	1.581763	down	0	-0.66153	-0.66153	
240165	at	-1.64872	-0.72135	1.648719	down	-1.85891	-0.89445	1.858906	down	0	-0.72135	-0.89445	
241864	x at	-1.68935	-0.75646	1.689346	down	-1.9611	-0.97166	1.961096	down	0	-0.75646	-0.97166	
241885	at	-1.54159	-0.62442	1.541587	down	-1.54159	-0.62442	1.541587	down	0	-0.62442	-0.62442	
241991	at	-1.56015	-0.64168	1.560149	down	-1.50949	-0.59406	1.509493	down	0	-0.64168	-0.59406	
242052	at	-2.3525	-1.2342	2.352505	down	-1.73994	-0.79904	1.739941	down	0	-1.2342	-0.79904	
242068	at	-1.99273	-0.99475	1.99273	down	-1.54255	-0.62532	1.542552	down	0	-0.99475	-0.62532	
242233	at	-1.55437	-0.63633	1.554369	down	-1.75875	-0.81455	1.75875	down	0	-0.63633	-0.81455	
242428	at	-1.55676	-0.63854	1.556758	down	-1.52544	-0.60922	1.525437	down	0	-0.63854	-0.60922	
242471	at	-3.1728	-1.66576	3.172802	down	-2.41896	-1.27439	2.418957	down	0	-1.66576	-1.27439	
242476	at	-1.88686	-0.91599	1.886863	down	-1.56404	-0.64528	1.564042	down	0	-0.91599	-0.64528	
242606	at	-1.76148	-0.81679	1.76148	down	-1.88878	-0.91745	1.888777	down	0	-0.81679	-0.91745	
242607	at	-2.04891	-1.03485	2.048907	down	-1.67165	-0.74127	1.671651	down	0	-1.03485	-0.74127	
242688	at	-1.76231	-0.81747	1.762311	down	-1.53345	-0.61678	1.533451	down	0	-0.81747	-0.61678	
242691	at	-1.52749	-0.61116	1.52749	down	-1.52749	-0.61116	1.52749	down	0	-0.61116	-0.61116	
242725	at	-1.65104	-0.72337	1.651037	down	-1.82629	-0.86892	1.826294	down	0	-0.72337	-0.86892	
242772	x at	-1.52796	-0.61161	1.527964	down	-1.52796	-0.61161	1.527964	down	0	-0.61161	-0.61161	
243023	at	-2.11398	-1.07996	2.113979	down	-2.11398	-1.07996	2.113979	down	0	-1.07996	-1.07996	
243378	at	-1.98793	-0.99126	1.987926	down	-2.2643	-1.17907	2.264301	down	0	-0.99126	-1.17907	
243768	at	-1.66363	-0.73433	1.66363	down	-1.66363	-0.73433	1.66363	down	0	-0.73433	-0.73433	

244014	x at	-1.53214	-0.61554	1.532136	down	-1.6169	-0.69323	1.616896	down	0	-0.61554	-0.69323	
244503	at	-1.68794	-0.75527	1.687944	down	-2.07145	-1.05064	2.071451	down	0	-0.75527	-1.05064	
1555897	at	-1.65874	-0.73009	1.658744	down	-1.65874	-0.73009	1.658744	down	0	-0.73009	-0.73009	
1555973	at	-1.57115	-0.65182	1.571154	down	-1.59198	-0.67082	1.591982	down	0	-0.65182	-0.67082	
1556081	at	-1.90045	-0.92634	1.900453	down	-2.321	-1.21475	2.320998	down	0	-0.92634	-1.21475	
1558445	at	-1.96431	-0.97402	1.96431	down	-2.12291	-1.08604	2.122905	down	0	-0.97402	-1.08604	
1558605	at	-2.16109	-1.11176	2.161087	down	-1.61299	-0.68973	1.612985	down	0	-1.11176	-0.68973	
1558854	a at	-1.62003	-0.69602	1.620031	down	-1.62003	-0.69602	1.620031	down	0	-0.69602	-0.69602	
1559006	at	-1.97746	-0.98365	1.977461	down	-2.72075	-1.44401	2.720752	down	0	-0.98365	-1.44401	
1559007	s at	-1.80863	-0.8549	1.808627	down	-1.72882	-0.78979	1.72882	down	0	-0.8549	-0.78979	
1559776	at	-1.62334	-0.69896	1.623337	down	-1.56619	-0.64726	1.566189	down	0	-0.69896	-0.64726	
1560048	at	-1.87063	-0.90352	1.87063	down	-1.87063	-0.90352	1.87063	down	0	-0.90352	-0.90352	
1562529	s at	-1.59675	-0.67514	1.596747	down	-1.81253	-0.858	1.812528	down	0	-0.67514	-0.858	
1563467	at	-1.70428	-0.76917	1.704284	down	-1.54102	-0.62388	1.541017	down	0	-0.76917	-0.62388	
1565577	s at	-1.95966	-0.9706	1.959662	down	-2.2638	-1.17874	2.263795	down	0	-0.9706	-1.17874	
1565886	at	-1.60064	-0.67865	1.600644	down	-1.51403	-0.59839	1.514029	down	0	-0.67865	-0.59839	
1569129	s at	-1.65758	-0.72908	1.657577	down	-1.66859	-0.73863	1.668587	down	0	-0.72908	-0.73863	
1569167	at	-1.70257	-0.76771	1.702567	down	-1.73122	-0.79179	1.731217	down	0	-0.76771	-0.79179	
213353	at	1.564984	0.646148	1.564984	up	1.591914	0.670762	1.591914	up	0	0.646148	0.670762	ABCA5
208561	at	2.700569	1.433263	2.700569	up	2.891068	1.531602	2.891068	up	0	1.433263	1.531602	ABCC9
208562	s at	1.800242	0.848191	1.800242	up	1.755287	0.811707	1.755287	up	0	0.848191	0.811707	ABCC9
205566	at	1.824924	0.867836	1.824924	up	1.871669	0.904325	1.871669	up	0	0.867836	0.904325	ABHD2
220606	s at	1.572217	0.652801	1.572217	up	1.572217	0.652801	1.572217	up	0	0.652801	0.652801	ADPRM
223401	at	1.787679	0.838088	1.787679	up	1.606735	0.684132	1.606735	up	0	0.838088	0.684132	ADPRM
204183	s at	1.503328	0.58816	1.503328	up	1.555349	0.637238	1.555349	up	0	0.58816	0.637238	ADRBK2
229354	at	1.586358	0.665718	1.586358	up	1.719771	0.782216	1.719771	up	0	0.665718	0.782216	AHRR
220987	s at	1.566352	0.647409	1.566352	up	1.566352	0.647409	1.566352	up	0	0.647409	0.647409	AKIP1///NUAK2
222383	s at	1.899509	0.925627	1.899509	up	2.123148	1.086205	2.123148	up	0	0.925627	1.086205	ALOXE3
228415	at	1.786662	0.837267	1.786662	up	1.861887	0.896766	1.861887	up	0	0.837267	0.896766	AP1S2
209913	x at	1.892622	0.920386	1.892622	up	1.898445	0.924818	1.898445	up	0	0.920386	0.924818	AP5Z1
213419	at	1.726333	0.787711	1.726333	up	1.524208	0.608059	1.524208	up	0	0.787711	0.608059	APBB2
40148	at	1.576239	0.656486	1.576239	up	1.552831	0.634901	1.552831	up	0	0.656486	0.634901	APBB2
213618	at	2.593432	1.374863	2.593432	up	1.952754	0.96551	1.952754	up	0	1.374863	0.96551	ARAP2
1555902	at	1.559431	0.64102	1.559431	up	1.730632	0.791299	1.730632	up	0	0.64102	0.791299	ARMCX5
209824	s at	1.717092	0.779967	1.717092	up	1.604462	0.682089	1.604462	up	0	0.779967	0.682089	ARNTL
225283	at	1.770431	0.824101	1.770431	up	1.513684	0.598064	1.513684	up	0	0.824101	0.598064	ARRDC4
202672	s at	4.816474	2.267977	4.816474	up	4.642235	2.214819	4.642235	up	0	2.267977	2.214819	ATF3
1554980	a at	4.11003	2.039149	4.11003	up	3.734306	1.90084	3.734306	up	0	2.039149	1.90084	ATF3
218987	at	1.534876	0.618122	1.534876	up	1.614903	0.691448	1.614903	up	0	0.618122	0.691448	ATF7IP
212471	at	1.515716	0.6	1.515716	up	1.546693	0.629187	1.546693	up	0	0.6	0.629187	AVL9
203304	at	1.58986	0.6689	1.58986	up	1.662812	0.733625	1.662812	up	0	0.6689	0.733625	BAMBI
207671	s at	1.737313	0.796858	1.737313	up	1.640628	0.714248	1.640628	up	0	0.796858	0.714248	BEST1
218332	at	1.566254	0.647318	1.566254	up	1.580193	0.660101	1.580193	up	0	0.647318	0.660101	BEX1
210538	s at	3.146209	1.653615	3.146209	up	3.195384	1.675989	3.195384	up	0	1.653615	1.675989	BIRC3

242579	at	1.533451	0.616782	1.533451	up	1.675466	0.744562	1.675466	up	0	0.616782	0.744562	BMPR1B
1555773	at	1.585075	0.664551	1.585075	up	1.596439	0.674857	1.596439	up	0	0.664551	0.674857	BPIFC
236402	at	1.921019	0.941872	1.921019	up	1.843096	0.882131	1.843096	up	0	0.941872	0.882131	BRAF
227099	s at	1.886405	0.915639	1.886405	up	1.604184	0.681839	1.604184	up	0	0.915639	0.681839	C11orf96
222767	s at	1.549938	0.632211	1.549938	up	1.699365	0.764996	1.699365	up	0	0.632211	0.764996	C12orf49
235026	at	1.50058	0.58552	1.50058	up	1.576161	0.656415	1.576161	up	0	0.58552	0.656415	C12orf66
217767	at	2.507407	1.326196	2.507407	up	2.378602	1.250114	2.378602	up	0	1.326196	1.250114	C3
218541	s at	2.006092	1.004388	2.006092	up	1.828986	0.871044	1.828986	up	0	1.004388	0.871044	C8orf4
232270	at	1.541078	0.62394	1.541078	up	1.616028	0.692452	1.616028	up	0	0.62394	0.692452	C9orf3
209030	s at	1.686829	0.754314	1.686829	up	1.84304	0.882087	1.84304	up	0	0.754314	0.882087	CADM1
225331	at	1.525491	0.609274	1.525491	up	1.566795	0.647817	1.566795	up	0	0.609274	0.647817	CCDC50
209378	s at	1.890011	0.918395	1.890011	up	2.119906	1.084	2.119906	up	0	0.918395	1.084	CCSER2
228910	at	1.537667	0.620743	1.537667	up	1.581571	0.661358	1.581571	up	0	0.620743	0.661358	CD82
212942	s at	2.029405	1.021057	2.029405	up	1.896269	0.923163	1.896269	up	0	1.021057	0.923163	CEMIP
206861	s at	1.636015	0.710186	1.636015	up	1.712024	0.775703	1.712024	up	0	0.710186	0.775703	CGGBP1
206932	at	2.280811	1.189547	2.280811	up	2.248088	1.168698	2.248088	up	0	1.189547	1.168698	CH25H
219270	at	2.140295	1.09781	2.140295	up	2.174358	1.120589	2.174358	up	0	1.09781	1.120589	CHAC1
219634	at	2.121744	1.085251	2.121744	up	2.133468	1.093201	2.133468	up	0	1.085251	1.093201	CHST11
222549	at	1.972224	0.979823	1.972224	up	1.54943	0.631738	1.54943	up	0	0.979823	0.631738	CLDN1
208096	s at	2.024985	1.017911	2.024985	up	2.201455	1.138457	2.201455	up	0	1.017911	1.138457	COL21A1
201942	s at	1.685027	0.752771	1.685027	up	1.842484	0.881652	1.842484	up	0	0.752771	0.881652	CPD
207442	at	2.023101	1.016568	2.023101	up	2.303799	1.204015	2.303799	up	0	1.016568	1.204015	CSF3
206085	s at	2.173237	1.119845	2.173237	up	2.240097	1.163561	2.240097	up	0	1.119845	1.163561	CTH
217127	at	1.979575	0.98519	1.979575	up	1.898479	0.924844	1.898479	up	0	0.98519	0.924844	CTH
204470	at	2.306001	1.205393	2.306001	up	2.291224	1.196118	2.291224	up	0	1.205393	1.196118	CXCL1
209774	x at	4.152156	2.053861	4.152156	up	3.799508	1.925813	3.799508	up	0	2.053861	1.925813	CXCL2
207850	at	2.751014	1.459963	2.751014	up	2.42954	1.280683	2.42954	up	0	1.459963	1.280683	CXCL3
214974	x at	1.810511	0.856397	1.810511	up	1.810511	0.856397	1.810511	up	0	0.856397	0.856397	CXCL5
202859	x at	8.254849	3.045242	8.254849	up	7.551652	2.916792	7.551652	up	0	3.045242	2.916792	CXCL8
211506	s at	9.104867	3.186638	9.104867	up	8.555291	3.096817	8.555291	up	0	3.186638	3.096817	CXCL8
221903	s at	1.910666	0.934075	1.910666	up	1.862456	0.897206	1.862456	up	0	0.934075	0.897206	CYLD
222142	at	1.567429	0.6484	1.567429	up	1.558175	0.639857	1.558175	up	0	0.6484	0.639857	CYLD
205749	at	2.331017	1.22096	2.331017	up	2.341274	1.227294	2.341274	up	0	1.22096	1.227294	CYP1A1
203890	s at	2.291737	1.196442	2.291737	up	1.64258	0.715964	1.64258	up	0	1.196442	0.715964	DAPK3
201893	x at	1.650385	0.722803	1.650385	up	1.728692	0.789681	1.728692	up	0	0.722803	0.789681	DCN
211813	x at	1.829167	0.871187	1.829167	up	1.84608	0.884465	1.84608	up	0	0.871187	0.884465	DCN
209383	at	1.716542	0.779505	1.716542	up	1.660926	0.731988	1.660926	up	0	0.779505	0.731988	DDIT3
212527	at	1.58656	0.665902	1.58656	up	1.535098	0.618331	1.535098	up	0	0.665902	0.618331	DESI1
206806	at	1.842748	0.881859	1.842748	up	1.805186	0.852147	1.805186	up	0	0.881859	0.852147	DGKI
206463	s at	2.461519	1.299549	2.461519	up	2.516365	1.331341	2.516365	up	0	1.299549	1.331341	DHRS2
214079	at	3.509491	1.811262	3.509491	up	3.551381	1.82838	3.551381	up	0	1.811262	1.82838	DHRS2
200664	s at	1.995763	0.996941	1.995763	up	2.824477	1.497984	2.824477	up	0	0.996941	1.497984	DNAJB1
200666	s at	1.664273	0.734892	1.664273	up	2.238227	1.162356	2.238227	up	0	0.734892	1.162356	DNAJB1
212611	at	1.814021	0.859191	1.814021	up	2.069327	1.049162	2.069327	up	0	0.859191	1.049162	DTX4

214446	at	1.675556	0.744639	1.675556	up	1.786642	0.837251	1.786642	up	0	0.744639	0.837251	ELL2
225698	at	1.958952	0.970082	1.958952	up	1.932721	0.950633	1.932721	up	0	0.970082	0.950633	EPB41L4A-AS1
227755	at	2.337646	1.225056	2.337646	up	2.445849	1.290336	2.445849	up	0	1.225056	1.290336	ERN1
215594	at	2.189075	1.130321	2.189075	up	1.8757	0.907429	1.8757	up	0	1.130321	0.907429	ERV9-1
201328	at	1.536993	0.620111	1.536993	up	1.536993	0.620111	1.536993	up	0	0.620111	0.620111	ETS2
224225	s at	1.990035	0.992794	1.990035	up	1.832505	0.873817	1.832505	up	0	0.992794	0.873817	ETV7
223058	at	1.533356	0.616693	1.533356	up	1.699212	0.764865	1.699212	up	0	0.616693	0.764865	FAM107B
221959	at	1.66883	0.738837	1.66883	up	1.739837	0.798952	1.739837	up	0	0.738837	0.798952	FAM110B
229946	at	1.683603	0.751552	1.683603	up	1.580075	0.659993	1.580075	up	0	0.751552	0.659993	FAM168B
229152	at	2.225464	1.154106	2.225464	up	1.702219	0.767417	1.702219	up	0	1.154106	0.767417	FDCSP
231382	at	1.72235	0.784379	1.72235	up	1.931883	0.950007	1.931883	up	0	0.784379	0.950007	FGF18
204421	s at	1.805695	0.852554	1.805695	up	1.846205	0.884563	1.846205	up	0	0.852554	0.884563	FGF2
226769	at	1.589844	0.668885	1.589844	up	1.655785	0.727515	1.655785	up	0	0.668885	0.727515	FIBIN
204135	at	2.18896	1.130246	2.18896	up	2.144784	1.100833	2.144784	up	0	1.130246	1.100833	FILIP1L
1554966	a at	2.447275	1.291176	2.447275	up	2.149028	1.103684	2.149028	up	0	1.291176	1.103684	FILIP1L
213524	s at	2.184301	1.127172	2.184301	up	2.435544	1.284244	2.435544	up	0	1.127172	1.284244	GOS2
203725	at	2.647621	1.404697	2.647621	up	2.556834	1.354359	2.556834	up	0	1.404697	1.354359	GADD45A
207574	s at	1.773154	0.826318	1.773154	up	1.885514	0.914958	1.885514	up	0	0.826318	0.914958	GADD45B
209305	s at	2.081285	1.057475	2.081285	up	1.953699	0.966208	1.953699	up	0	1.057475	0.966208	GADD45B
204121	at	1.7089	0.773068	1.7089	up	1.7089	0.773068	1.7089	up	0	0.773068	0.773068	GADD45G
209602	s at	1.68151	0.749757	1.68151	up	1.605565	0.683081	1.605565	up	0	0.749757	0.683081	GATA3
209604	s at	2.1743	1.120551	2.1743	up	2.173592	1.120081	2.173592	up	0	1.120551	1.120081	GATA3
203158	s at	1.73982	0.798938	1.73982	up	1.905948	0.930509	1.905948	up	0	0.798938	0.930509	GLS
219078	at	1.584254	0.663804	1.584254	up	1.612607	0.689395	1.612607	up	0	0.663804	0.689395	GPATCH2
223789	s at	1.610995	0.687952	1.610995	up	1.610995	0.687952	1.610995	up	0	0.687952	0.687952	GTPBP2
204235	s at	1.506834	0.59152	1.506834	up	1.631181	0.705917	1.631181	up	0	0.59152	0.705917	GULP1
205659	at	2.073684	1.052196	2.073684	up	1.816308	0.861009	1.816308	up	0	1.052196	0.861009	HDAC9
230968	at	1.666925	0.737189	1.666925	up	1.616064	0.692484	1.616064	up	0	0.737189	0.692484	HDAC9
232080	at	1.658517	0.729894	1.658517	up	1.623941	0.699499	1.623941	up	0	0.729894	0.699499	HECW2
203394	s at	1.906617	0.931015	1.906617	up	2.515835	1.331038	2.515835	up	0	0.931015	1.331038	HES1
203395	s at	1.643638	0.716893	1.643638	up	1.995517	0.996762	1.995517	up	0	0.716893	0.996762	HES1
215071	s at	2.631793	1.396046	2.631793	up	2.275119	1.185942	2.275119	up	0	1.396046	1.185942	HIST1H2AC
214472	at	3.187055	1.672224	3.187055	up	2.068046	1.048268	2.068046	up	0	1.672224	1.048268	HIST1H2AD///HIST1H3D
214455	at	2.751158	1.460039	2.751158	up	2.247915	1.168587	2.247915	up	0	1.460039	1.168587	HIST1H2BC
209911	x at	1.970755	0.978748	1.970755	up	1.59968	0.677783	1.59968	up	0	0.978748	0.677783	HIST1H2BD
214502	at	2.841921	1.506867	2.841921	up	1.991983	0.994205	1.991983	up	0	1.506867	0.994205	HIST1H2BJ///LOC105374995
208180	s at	2.466506	1.302469	2.466506	up	1.883852	0.913685	1.883852	up	0	1.302469	0.913685	HIST1H4H
207046	at	2.078147	1.055298	2.078147	up	1.935679	0.952839	1.935679	up	0	1.055298	0.952839	HIST2H4A///HIST2H4B
204753	s at	1.909987	0.933563	1.909987	up	2.396212	1.260756	2.396212	up	0	0.933563	1.260756	HLF
204755	x at	1.516147	0.60041	1.516147	up	1.588587	0.667744	1.588587	up	0	0.60041	0.667744	HLF
203665	at	1.867196	0.900873	1.867196	up	1.72993	0.790713	1.72993	up	0	0.900873	0.790713	HMOX1
200799	at	4.880279	2.286964	4.880279	up	7.555505	2.917528	7.555505	up	0	2.286964	2.917528	HSPA1A///HSPA1B
200800	s at	2.372331	1.246306	2.372331	up	3.083957	1.624783	3.083957	up	0	1.246306	1.624783	HSPA1A///HSPA1B
202581	at	1.956412	0.96821	1.956412	up	2.684993	1.424918	2.684993	up	0	0.96821	1.424918	HSPA1A///HSPA1B

117 at	4.91763	2.297963	4.91763	up	8.506181	3.088512	8.506181	up	0	2.297963	3.088512	HSPA6
213418 at	11.884	3.570949	11.884	up	22.31338	4.479837	22.31338	up	0	3.570949	4.479837	HSPA6
219284 at	2.564611	1.35874	2.564611	up	2.378847	1.250262	2.378847	up	0	1.35874	1.250262	HSPBAP1
208744 x at	1.580477	0.66036	1.580477	up	1.943856	0.958921	1.943856	up	0	0.66036	0.958921	HSPH1
202439 s at	1.638055	0.711984	1.638055	up	1.6483	0.720979	1.6483	up	0	0.711984	0.720979	IDS
217432 s at	1.735033	0.794963	1.735033	up	1.913808	0.936446	1.913808	up	0	0.794963	0.936446	IDS
210118 s at	3.70492	1.889442	3.70492	up	3.423411	1.775435	3.423411	up	0	1.889442	1.775435	IL1A
205067 at	4.767488	2.253229	4.767488	up	5.044926	2.334833	5.044926	up	0	2.253229	2.334833	IL1B
39402 at	4.492022	2.167365	4.492022	up	4.78788	2.259387	4.78788	up	0	2.167365	2.259387	IL1B
207526 s at	4.031469	2.011306	4.031469	up	6.70347	2.744908	6.70347	up	0	2.011306	2.744908	IL1RL1
1555431 a at	1.542331	0.625113	1.542331	up	1.700831	0.76624	1.700831	up	0	0.625113	0.76624	IL31RA
205207 at	3.278098	1.712859	3.278098	up	3.386521	1.759804	3.386521	up	0	1.712859	1.759804	IL6
210587 at	2.025027	1.017941	2.025027	up	1.824251	0.867304	1.824251	up	0	1.017941	0.867304	INHBE
205376 at	2.133441	1.093182	2.133441	up	2.140502	1.097949	2.140502	up	0	1.093182	1.097949	INPP4B
237056 at	2.2982	1.200504	2.2982	up	1.559147	0.640757	1.559147	up	0	1.200504	0.640757	INSC
202531 at	2.127229	1.088975	2.127229	up	2.065395	1.046418	2.065395	up	0	1.088975	1.046418	IRF1
209743 s at	1.60197	0.679847	1.60197	up	1.65121	0.723523	1.65121	up	0	0.679847	0.723523	ITCH
209744 x at	1.647742	0.72049	1.647742	up	1.770269	0.823969	1.770269	up	0	0.72049	0.823969	ITCH
217094 s at	1.648474	0.721131	1.648474	up	1.724017	0.785774	1.724017	up	0	0.721131	0.785774	ITCH
211339 s at	1.605287	0.682831	1.605287	up	1.725679	0.787164	1.725679	up	0	0.682831	0.787164	ITK
226267 at	1.542753	0.625507	1.542753	up	1.525068	0.608873	1.525068	up	0	0.625507	0.608873	JDP2
241985 at	1.759215	0.814931	1.759215	up	2.102007	1.071768	2.102007	up	0	0.814931	1.071768	JMY
242855 at	1.504302	0.589095	1.504302	up	1.94389	0.958946	1.94389	up	0	0.589095	0.958946	KCP
211124 s at	1.692377	0.759051	1.692377	up	1.789196	0.839311	1.789196	up	0	0.759051	0.839311	KITLG
202393 s at	1.686332	0.753888	1.686332	up	1.64543	0.718465	1.64543	up	0	0.753888	0.718465	KLF10
221985 at	2.035907	1.025672	2.035907	up	1.927689	0.946872	1.927689	up	0	1.025672	0.946872	KLHL24
221986 s at	1.567742	0.648688	1.567742	up	1.740164	0.799223	1.740164	up	0	0.648688	0.799223	KLHL24
200770 s at	1.567619	0.648575	1.567619	up	1.567619	0.648575	1.567619	up	0	0.648575	0.648575	LAMC1
227013 at	1.55203	0.634156	1.55203	up	1.567695	0.648644	1.567695	up	0	0.634156	0.648644	LATS2
205266 at	2.792918	1.481773	2.792918	up	2.830286	1.500948	2.830286	up	0	1.481773	1.500948	LIF
1566986 at	2.206442	1.141722	2.206442	up	2.357796	1.237439	2.357796	up	0	1.141722	1.237439	LINC00674
243905 at	1.896481	0.923325	1.896481	up	2.056581	1.040248	2.056581	up	0	0.923325	1.040248	LINC00944
215223 s at	1.934307	0.951817	1.934307	up	2.030337	1.021719	2.030337	up	0	0.951817	1.021719	LOC100129518///SOD2
236042 at	1.529364	0.612932	1.529364	up	1.662296	0.733177	1.662296	up	0	0.612932	0.733177	LOC100130219
231089 at	1.606852	0.684237	1.606852	up	1.780604	0.832366	1.780604	up	0	0.684237	0.832366	LOC100505664
210365 at	1.559969	0.641517	1.559969	up	2.063821	1.045318	2.063821	up	0	0.641517	1.045318	LOC100506403///RUNX1
229872 s at	1.877931	0.909144	1.877931	up	1.708517	0.772744	1.708517	up	0	0.909144	0.772744	LOC100996720///LOC100996740//LOC642441//LOC730257
1562274 at	1.79985	0.847876	1.79985	up	1.52638	0.610115	1.52638	up	0	0.847876	0.610115	LOC101928446
231412 at	2.497162	1.32029	2.497162	up	2.287993	1.194083	2.287993	up	0	1.32029	1.194083	LOC101929709
1561667 at	1.806453	0.85316	1.806453	up	1.792225	0.841752	1.792225	up	0	0.85316	0.841752	LOC105370642
1561342 at	1.532909	0.616272	1.532909	up	1.532909	0.616272	1.532909	up	0	0.616272	0.616272	LOC105372742//LOC150005
220009 at	1.563082	0.644393	1.563082	up	1.671566	0.7412	1.671566	up	0	0.644393	0.7412	LONRF3
209840 s at	2.01244	1.008946	2.01244	up	1.863146	0.89774	1.863146	up	0	1.008946	0.89774	LRRN3
209841 s at	2.000663	1.000478	2.000663	up	1.976128	0.982676	1.976128	up	0	1.000478	0.982676	LRRN3

201744 s at	1.631124	0.705867	1.631124	up	1.546536	0.629041	1.546536	up	0	0.705867	0.629041	LUM
205193 at	1.50665	0.591344	1.50665	up	1.50665	0.591344	1.50665	up	0	0.591344	0.591344	MAFF
36711 at	1.67202	0.741592	1.67202	up	1.661974	0.732898	1.661974	up	0	0.741592	0.732898	MAFF
205192 at	2.332789	1.222056	2.332789	up	2.317547	1.212598	2.317547	up	0	1.222056	1.212598	MAP3K14
241541 at	1.553093	0.635144	1.553093	up	1.553093	0.635144	1.553093	up	0	0.635144	0.635144	MTB2
204423 at	1.644347	0.717515	1.644347	up	1.621056	0.696934	1.621056	up	0	0.717515	0.696934	MKLN1
204475 at	2.048603	1.03464	2.048603	up	2.353874	1.235037	2.353874	up	0	1.03464	1.235037	MMP1
204575 s at	1.641119	0.71468	1.641119	up	1.545369	0.627952	1.545369	up	0	0.71468	0.627952	MMP19
224385 s at	1.606408	0.683838	1.606408	up	1.630854	0.705628	1.630854	up	0	0.683838	0.705628	MOV10L1
1552489 s at	1.642239	0.715664	1.642239	up	1.573813	0.654264	1.573813	up	0	0.715664	0.654264	MPP4
230361 at	1.720611	0.782921	1.720611	up	2.057626	1.040981	2.057626	up	0	0.782921	1.040981	MROH1
209928 s at	1.934817	0.952197	1.934817	up	1.697776	0.763646	1.697776	up	0	0.952197	0.763646	MSC
228846 at	2.238687	1.162653	2.238687	up	2.698633	1.432229	2.698633	up	0	1.162653	1.432229	MXD1
219728 at	1.533734	0.617048	1.533734	up	1.929836	0.948478	1.929836	up	0	0.617048	0.948478	MYOT
1568864 at	1.907769	0.931886	1.907769	up	1.775632	0.828332	1.775632	up	0	0.931886	0.828332	MZF1-AS1
225344 at	1.707667	0.772027	1.707667	up	1.679967	0.748433	1.679967	up	0	0.772027	0.748433	NCOA7
212445 s at	1.58095	0.660791	1.58095	up	1.526169	0.609915	1.526169	up	0	0.660791	0.609915	NEDD4L
232593 at	6.017009	2.589047	6.017009	up	4.360928	2.124635	4.360928	up	0	2.589047	2.124635	NEURL3
203574 at	2.042602	1.030408	2.042602	up	2.027069	1.019395	2.027069	up	0	1.030408	1.019395	NFIL3
201502 s at	1.774949	0.827778	1.774949	up	1.684756	0.75254	1.684756	up	0	0.827778	0.75254	NFKBIA
203927 at	1.963297	0.973279	1.963297	up	2.034947	1.024992	2.034947	up	0	0.973279	1.024992	NFKBIE
223218 s at	1.70233	0.767511	1.70233	up	1.811991	0.857576	1.811991	up	0	0.767511	0.857576	NFKBIZ
206814 at	2.008571	1.00617	2.008571	up	1.780633	0.83239	1.780633	up	0	1.00617	0.83239	NGF
204760 s at	1.539851	0.622791	1.539851	up	1.656015	0.727716	1.656015	up	0	0.622791	0.727716	NR1D1///THRA
206038 s at	1.520894	0.604919	1.520894	up	1.848486	0.886344	1.848486	up	0	0.604919	0.886344	NR2C2
206343 s at	2.176688	1.122134	2.176688	up	2.414901	1.271964	2.414901	up	0	1.122134	1.271964	NRG1
211844 s at	1.839519	0.879329	1.839519	up	1.521919	0.605892	1.521919	up	0	0.879329	0.605892	NRP2
223510 at	1.537547	0.62063	1.537547	up	1.569403	0.650216	1.569403	up	0	0.62063	0.650216	NRP2
1555366 at	1.511096	0.595595	1.511096	up	1.511096	0.595595	1.511096	up	0	0.595595	0.595595	NSAP11
226351 at	1.507631	0.592284	1.507631	up	1.533878	0.617184	1.533878	up	0	0.592284	0.617184	NSUN4
209552 at	1.581051	0.660884	1.581051	up	1.519056	0.603175	1.519056	up	0	0.660884	0.603175	PAX8
228425 at	3.682738	1.880779	3.682738	up	2.737738	1.452984	2.737738	up	0	1.880779	1.452984	PAX8-AS1
208396 s at	2.204532	1.140472	2.204532	up	1.654349	0.726264	1.654349	up	0	1.140472	0.726264	PDE1A
213556 at	1.844936	0.883571	1.844936	up	2.151886	1.105602	2.151886	up	0	0.883571	1.105602	PINLYP
219155 at	1.54853	0.630899	1.54853	up	1.6908	0.757706	1.6908	up	0	0.630899	0.757706	PITPNC1
209785 s at	1.666277	0.736628	1.666277	up	1.510488	0.595015	1.510488	up	0	0.736628	0.595015	PLA2G4C
205479 s at	2.016689	1.011989	2.016689	up	2.190249	1.131095	2.190249	up	0	1.011989	1.131095	PLAU
211668 s at	2.132264	1.092386	2.132264	up	2.399822	1.262927	2.399822	up	0	1.092386	1.262927	PLAU
227037 at	1.913057	0.93588	1.913057	up	2.099336	1.069933	2.099336	up	0	0.93588	1.069933	PLD6
201939 at	1.707206	0.771637	1.707206	up	1.575158	0.655497	1.575158	up	0	0.771637	0.655497	PLK2
204285 s at	2.016744	1.012028	2.016744	up	2.170043	1.117724	2.170043	up	0	1.012028	1.117724	PMAIP1
204286 s at	1.657625	0.729117	1.657625	up	1.760734	0.816177	1.760734	up	0	0.729117	0.816177	PMAIP1
217875 s at	1.59478	0.673357	1.59478	up	1.508912	0.593508	1.508912	up	0	0.673357	0.593508	PMEP1
222449 at	1.520683	0.60472	1.520683	up	1.520683	0.60472	1.520683	up	0	0.60472	0.60472	PMEP1

222879	s at	1.600793	0.678787	1.600793	up	1.691842	0.758595	1.691842	up	0	0.678787	0.758595	POLH
242218	at	1.923521	0.943749	1.923521	up	2.131827	1.092091	2.131827	up	0	0.943749	1.092091	PPARD
201489	at	1.523404	0.607299	1.523404	up	1.536184	0.619351	1.536184	up	0	0.607299	0.619351	PPIF
201490	s at	1.756268	0.812513	1.756268	up	1.647886	0.720616	1.647886	up	0	0.812513	0.720616	PPIF
202014	at	1.678544	0.747211	1.678544	up	1.724504	0.786181	1.724504	up	0	0.747211	0.786181	PPP1R15A
37028	at	1.672772	0.742241	1.672772	up	1.687247	0.754671	1.687247	up	0	0.742241	0.754671	PPP1R15A
220672	at	2.181563	1.125362	2.181563	up	2.323946	1.216577	2.323946	up	0	1.125362	1.216577	PPP4R4
220673	s at	3.212792	1.683827	3.212792	up	3.060651	1.613839	3.060651	up	0	1.683827	1.613839	PPP4R4
233002	at	2.026257	1.018817	2.026257	up	2.026257	1.018817	2.026257	up	0	1.018817	1.018817	PPP4R4
204748	at	2.142626	1.09938	2.142626	up	2.095296	1.067154	2.095296	up	0	1.09938	1.067154	PTGS2
1554997	a at	2.290476	1.195648	2.290476	up	2.605419	1.381516	2.605419	up	0	1.195648	1.381516	PTGS2
208010	s at	1.692094	0.75881	1.692094	up	1.600419	0.67845	1.600419	up	0	0.75881	0.67845	PTPN22
206157	at	1.773517	0.826613	1.773517	up	1.573356	0.653845	1.573356	up	0	0.826613	0.653845	PTX3
1562153	a at	1.825095	0.867971	1.825095	up	1.652621	0.724756	1.652621	up	0	0.867971	0.724756	PVT1
229894	s at	1.826681	0.869225	1.826681	up	1.629295	0.704248	1.629295	up	0	0.869225	0.704248	RAB43
219210	s at	1.695049	0.761327	1.695049	up	1.749168	0.806669	1.749168	up	0	0.761327	0.806669	RAB8B
219494	at	1.517006	0.601226	1.517006	up	1.526345	0.610081	1.526345	up	0	0.601226	0.610081	RAD54B
205205	at	2.221603	1.151601	2.221603	up	1.79726	0.845799	1.79726	up	0	1.151601	0.845799	RELB
227339	at	1.525217	0.609014	1.525217	up	1.512427	0.596865	1.512427	up	0	0.609014	0.596865	RGMB
209545	s at	1.787152	0.837663	1.787152	up	1.788604	0.838834	1.788604	up	0	0.837663	0.838834	RIPK2
225767	at	1.657624	0.729116	1.657624	up	2.194876	1.134139	2.194876	up	0	0.729116	1.134139	RNA45S5
210056	at	1.613505	0.690198	1.613505	up	1.749809	0.807197	1.749809	up	0	0.690198	0.807197	RND1
210426	x at	1.903635	0.928757	1.903635	up	2.050767	1.036163	2.050767	up	0	0.928757	1.036163	RORA
210479	s at	1.727408	0.788609	1.727408	up	1.786068	0.836787	1.786068	up	0	0.788609	0.836787	RORA
204802	at	1.82936	0.871339	1.82936	up	1.526381	0.610115	1.526381	up	0	0.871339	0.610115	RRAD
228186	s at	2.20634	1.141655	2.20634	up	1.960174	0.970982	1.960174	up	0	1.141655	0.970982	RSPO3
201846	s at	1.623273	0.698905	1.623273	up	1.59132	0.670224	1.59132	up	0	0.698905	0.670224	RYBP
210592	s at	1.687978	0.755296	1.687978	up	1.79851	0.846802	1.79851	up	0	0.755296	0.846802	SAT1
213988	s at	1.739239	0.798456	1.739239	up	1.887175	0.916228	1.887175	up	0	0.798456	0.916228	SAT1
242786	at	1.980814	0.986094	1.980814	up	1.829007	0.87106	1.829007	up	0	0.986094	0.87106	SBF2-AS1
204035	at	9.621045	3.266194	9.621045	up	9.262951	3.211472	9.262951	up	0	3.266194	3.211472	SCG2
203889	at	1.613792	0.690455	1.613792	up	1.658536	0.72991	1.658536	up	0	0.690455	0.72991	SCG5
202062	s at	1.657458	0.728972	1.657458	up	1.969565	0.977877	1.969565	up	0	0.728972	0.977877	SEL1L
204614	at	3.688716	1.883119	3.688716	up	5.197804	2.377902	5.197804	up	0	1.883119	2.377902	SERPINB2
205576	at	1.647035	0.719871	1.647035	up	1.64972	0.722221	1.64972	up	0	0.719871	0.722221	SERPIND1
223195	s at	1.687321	0.754734	1.687321	up	1.717889	0.780637	1.717889	up	0	0.754734	0.780637	SESN2
223196	s at	1.923951	0.944072	1.923951	up	1.867554	0.90115	1.867554	up	0	0.944072	0.90115	SESN2
208381	s at	1.724114	0.785855	1.724114	up	1.688857	0.756047	1.688857	up	0	0.785855	0.756047	SGPL1
204157	s at	1.633693	0.708137	1.633693	up	1.633693	0.708137	1.633693	up	0	0.708137	0.708137	SIK3
207038	at	2.714948	1.440925	2.714948	up	2.872218	1.522165	2.872218	up	0	1.440925	1.522165	SLC16A6
230748	at	2.201189	1.138283	2.201189	up	2.267336	1.180998	2.267336	up	0	1.138283	1.180998	SLC16A6
205896	at	2.250945	1.170531	2.250945	up	2.250945	1.170531	2.250945	up	0	1.170531	1.170531	SLC22A4
228181	at	1.523363	0.60726	1.523363	up	1.523363	0.60726	1.523363	up	0	0.60726	0.60726	SLC30A1
200924	s at	1.628967	0.703958	1.628967	up	1.663235	0.733992	1.663235	up	0	0.703958	0.733992	SLC3A2

223798	at	1.899516	0.925632	1.899516	up	1.860394	0.895608	1.860394	up	0	0.925632	0.895608	SLC41A2
207528	s at	1.785727	0.836512	1.785727	up	1.989127	0.992135	1.989127	up	0	0.836512	0.992135	SLC7A11
1557078	at	1.55616	0.63799	1.55616	up	1.517273	0.601481	1.517273	up	0	0.63799	0.601481	SLFN5
209897	s at	1.979295	0.984986	1.979295	up	1.979295	0.984986	1.979295	up	0	0.984986	0.984986	SLIT2
228850	s at	1.903099	0.928351	1.903099	up	1.823202	0.866474	1.823202	up	0	0.928351	0.866474	SLIT2
236367	at	1.551945	0.634078	1.551945	up	1.552131	0.634251	1.552131	up	0	0.634078	0.634251	SMG7
205443	at	1.585896	0.665298	1.585896	up	1.523261	0.607163	1.523261	up	0	0.665298	0.607163	SNAPC1
223773	s at	1.562515	0.64387	1.562515	up	1.537971	0.621028	1.537971	up	0	0.64387	0.621028	SNHG12
65588	at	1.603389	0.681125	1.603389	up	1.66846	0.738517	1.66846	up	0	0.681125	0.738517	SNHG17
225220	at	1.600214	0.678265	1.600214	up	1.541023	0.623888	1.541023	up	0	0.678265	0.623888	SNHG8
232964	at	2.906709	1.539387	2.906709	up	3.137171	1.649464	3.137171	up	0	1.539387	1.649464	SPDYE1
229778	at	3.118868	1.641023	3.118868	up	2.549231	1.350062	2.549231	up	0	1.641023	1.350062	SPX
205499	at	1.53476	0.618013	1.53476	up	1.53476	0.618013	1.53476	up	0	0.618013	0.618013	SRPX2
225033	at	1.50278	0.587634	1.50278	up	1.579324	0.659308	1.579324	up	0	0.587634	0.659308	ST3GAL1
227179	at	1.500733	0.585667	1.500733	up	1.652631	0.724764	1.652631	up	0	0.585667	0.724764	STAU2
203439	s at	1.583314	0.662948	1.583314	up	1.706062	0.77067	1.706062	up	0	0.662948	0.77067	STC2
205342	s at	1.634645	0.708978	1.634645	up	1.607629	0.684934	1.607629	up	0	0.708978	0.684934	SULT1C2
244070	at	2.263042	1.178263	2.263042	up	2.038729	1.02767	2.038729	up	0	1.178263	1.02767	SYNE1
240206	at	2.312661	1.209554	2.312661	up	2.156181	1.108479	2.156181	up	0	1.209554	1.108479	TARS
225818	s at	1.711153	0.774969	1.711153	up	1.589972	0.669001	1.589972	up	0	0.774969	0.669001	TBRG1
225819	at	1.537563	0.620646	1.537563	up	1.623092	0.698745	1.623092	up	0	0.620646	0.698745	TBRG1
214704	at	1.569835	0.650613	1.569835	up	1.507262	0.59193	1.507262	up	0	0.650613	0.59193	TCF25
209278	s at	1.501724	0.586619	1.501724	up	1.545746	0.628304	1.545746	up	0	0.586619	0.628304	TFPI2
201042	at	1.752092	0.809078	1.752092	up	1.571876	0.652487	1.571876	up	0	0.809078	0.652487	TGM2
201108	s at	1.649992	0.722459	1.649992	up	1.735818	0.795616	1.735818	up	0	0.722459	0.795616	THBS1
227866	at	2.002453	1.001769	2.002453	up	2.002453	1.001769	2.002453	up	0	1.001769	1.001769	TIAM2
212665	at	1.977742	0.983854	1.977742	up	2.021408	1.015361	2.021408	up	0	0.983854	1.015361	TIPARP
228205	at	1.561116	0.642578	1.561116	up	1.599573	0.677687	1.599573	up	0	0.642578	0.677687	TKT
214183	s at	1.873681	0.905875	1.873681	up	2.05516	1.039251	2.05516	up	0	0.905875	1.039251	TKTL1
220169	at	1.660769	0.731852	1.660769	up	1.624376	0.699885	1.624376	up	0	0.731852	0.699885	TMEM156
234994	at	1.666048	0.73643	1.666048	up	1.624232	0.699758	1.624232	up	0	0.73643	0.699758	TMEM200A
202643	s at	3.468258	1.794211	3.468258	up	3.415726	1.772193	3.415726	up	0	1.794211	1.772193	TNFAIP3
202644	s at	3.015002	1.592159	3.015002	up	2.87465	1.523387	2.87465	up	0	1.592159	1.523387	TNFAIP3
209294	x at	1.662884	0.733687	1.662884	up	1.690302	0.757281	1.690302	up	0	0.733687	0.757281	TNFRSF10B
210405	x at	1.664054	0.734702	1.664054	up	1.643716	0.716961	1.643716	up	0	0.734702	0.716961	TNFRSF10B
210654	at	1.882287	0.912487	1.882287	up	1.568074	0.648994	1.568074	up	0	0.912487	0.648994	TNFRSF10D
207536	s at	2.040771	1.029114	2.040771	up	1.779872	0.831774	1.779872	up	0	1.029114	0.831774	TNFRSF9
211786	at	1.626404	0.701686	1.626404	up	1.949944	0.963433	1.949944	up	0	0.701686	0.963433	TNFRSF9
220655	at	1.906413	0.930861	1.906413	up	1.906413	0.930861	1.906413	up	0	0.930861	0.930861	TNIP3
218145	at	1.880246	0.910921	1.880246	up	2.077897	1.055124	2.077897	up	0	0.910921	1.055124	TRIB3
1555788	a at	1.871679	0.904333	1.871679	up	2.021679	1.015554	2.021679	up	0	0.904333	1.015554	TRIB3
220623	s at	1.692377	0.759051	1.692377	up	1.849914	0.887458	1.849914	up	0	0.759051	0.887458	TSGA10
223962	at	2.244819	1.166599	2.244819	up	2.197774	1.136043	2.197774	up	0	1.166599	1.136043	TTC29
205807	s at	1.844904	0.883545	1.844904	up	1.73819	0.797586	1.73819	up	0	0.883545	0.797586	TUFT1

222748 s at	1.73793	0.79737	1.73793	up	1.522571	0.60651	1.522571	up	0	0.79737	0.60651	TXNL4B
221962 s at	1.618505	0.694662	1.618505	up	1.615448	0.691935	1.615448	up	0	0.694662	0.691935	UBE2H
1559324 at	2.021165	1.015187	2.021165	up	1.538266	0.621305	1.538266	up	0	1.015187	0.621305	USP32P2
224978 s at	1.629502	0.704431	1.629502	up	1.841728	0.88106	1.841728	up	0	0.704431	0.88106	USP36
204254 s at	1.711097	0.774922	1.711097	up	1.839991	0.879698	1.839991	up	0	0.774922	0.879698	VDR
1558212 at	1.555585	0.637457	1.555585	up	1.568459	0.649348	1.568459	up	0	0.637457	0.649348	VLDLR-AS1
217785 s at	1.603124	0.680886	1.603124	up	1.564945	0.646112	1.564945	up	0	0.680886	0.646112	YKT6
241372 at	1.592643	0.671423	1.592643	up	1.532714	0.616088	1.532714	up	0	0.671423	0.616088	ZC3H6
224915 x at	1.612846	0.689609	1.612846	up	1.552758	0.634833	1.552758	up	0	0.689609	0.634833	ZFAS1
226227 x at	1.592966	0.671716	1.592966	up	1.525568	0.609346	1.525568	up	0	0.671716	0.609346	ZFAS1
240809 at	2.485791	1.313705	2.485791	up	2.197978	1.136177	2.197978	up	0	1.313705	1.136177	ZNF295-AS1
229086 at	1.719164	0.781707	1.719164	up	1.746833	0.804742	1.746833	up	0	0.781707	0.804742	ZNF436-AS1
242864 at	1.889578	0.918064	1.889578	up	1.781629	0.833197	1.781629	up	0	0.918064	0.833197	ZNF554
227080 at	1.712514	0.776115	1.712514	up	1.565798	0.646898	1.565798	up	0	0.776115	0.646898	ZNF697
AFFX-M27830 S	2.219857	1.150467	2.219857	up	4.373875	2.128912	4.373875	up	0	1.150467	2.128912	
AFFX-M27830 N	1.635245	0.709507	1.635245	up	2.828988	1.500286	2.828988	up	0	0.709507	1.500286	
216130 at	1.612406	0.689215	1.612406	up	1.653967	0.725931	1.653967	up	0	0.689215	0.725931	
227943 at	1.789846	0.839835	1.789846	up	1.538231	0.621272	1.538231	up	0	0.839835	0.621272	
230574 at	1.584466	0.663997	1.584466	up	1.504552	0.589334	1.504552	up	0	0.663997	0.589334	
236987 at	1.507185	0.591857	1.507185	up	1.500773	0.585706	1.500773	up	0	0.591857	0.585706	
238623 at	1.648197	0.720889	1.648197	up	1.576477	0.656704	1.576477	up	0	0.720889	0.656704	
239715 at	1.728519	0.789537	1.728519	up	1.728519	0.789537	1.728519	up	0	0.789537	0.789537	
242213 at	1.511751	0.59622	1.511751	up	1.627864	0.70298	1.627864	up	0	0.59622	0.70298	
243144 at	1.622242	0.697989	1.622242	up	1.622242	0.697989	1.622242	up	0	0.697989	0.697989	
243955 at	1.524072	0.607931	1.524072	up	1.69005	0.757066	1.69005	up	0	0.607931	0.757066	
244247 at	1.800945	0.848754	1.800945	up	1.51444	0.598784	1.51444	up	0	0.848754	0.598784	
1564807 at	2.965642	1.568345	2.965642	up	1.71893	0.781511	1.71893	up	0	1.568345	0.781511	
1566897 at	1.623102	0.698754	1.623102	up	1.53131	0.614767	1.53131	up	0	0.698754	0.614767	
1568513 x at	2.220907	1.151149	2.220907	up	3.323158	1.732555	3.323158	up	0	1.151149	1.732555	
1569609 at	1.592272	0.671087	1.592272	up	1.72719	0.788427	1.72719	up	0	0.671087	0.788427	