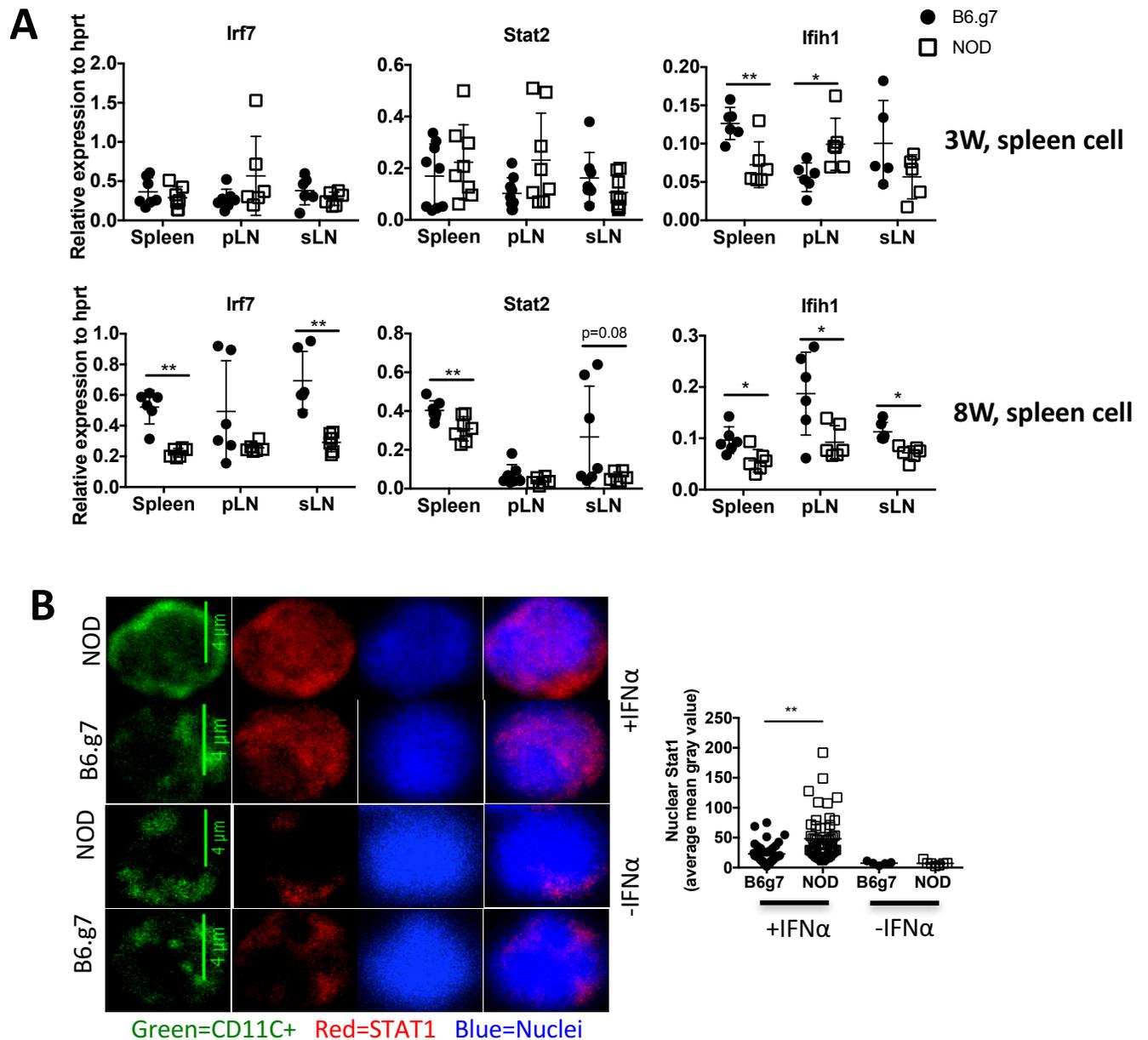


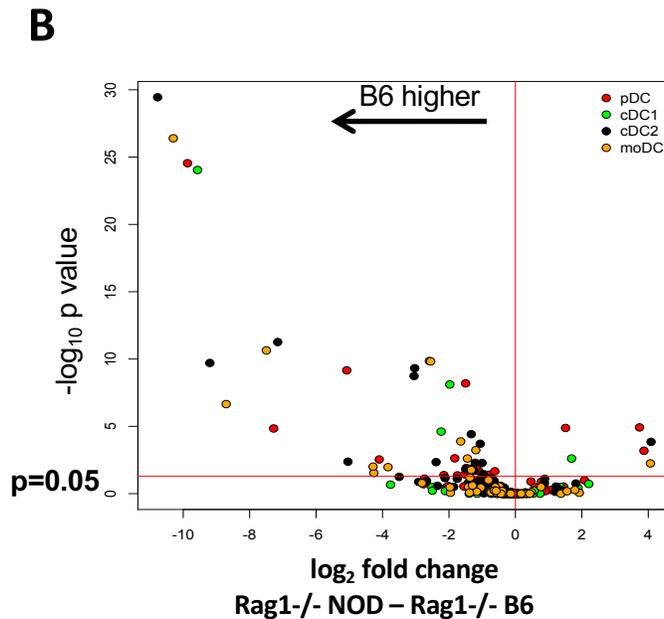
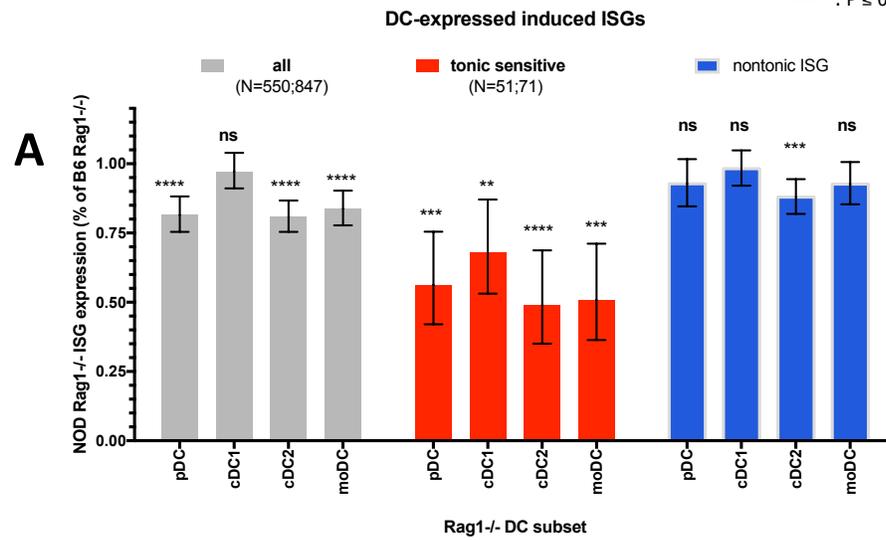
Sup. Figure-1



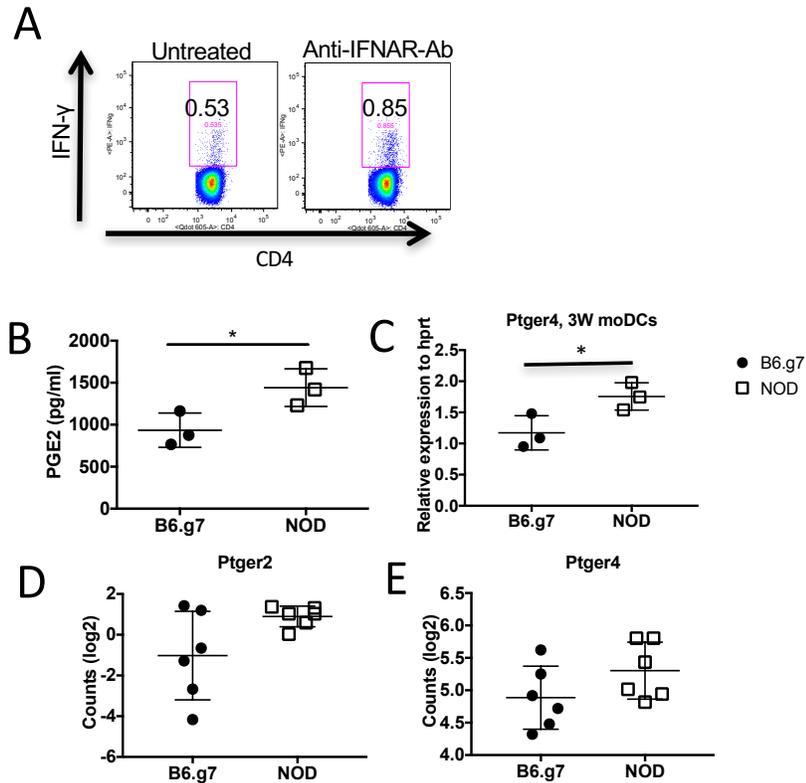
Sup. Figure-1. Comparison of 3 and 8 week IFN-I-dependent gene expression and signaling

A. IFN-I-related gene expression measured in spleen, pLN and sLN NOD and B6.g7 mice at 3 and 8W by qPCR. B. Spleen cells from NOD and B6.g7 (3w old) mice were stimulated with IFN- α for 30mins, fixed and stained with the indicated antibodies. Nuclear STAT1 localization was determined by confocal microscopy. Images (60X) were quantified to determine nuclear STAT1 levels within CD11C+ cells. Data were representative of 2 independent experiments where cells were pooled from 3 mice. p-values were calculated using 't' test by comparing NOD and B6.g7 strains.

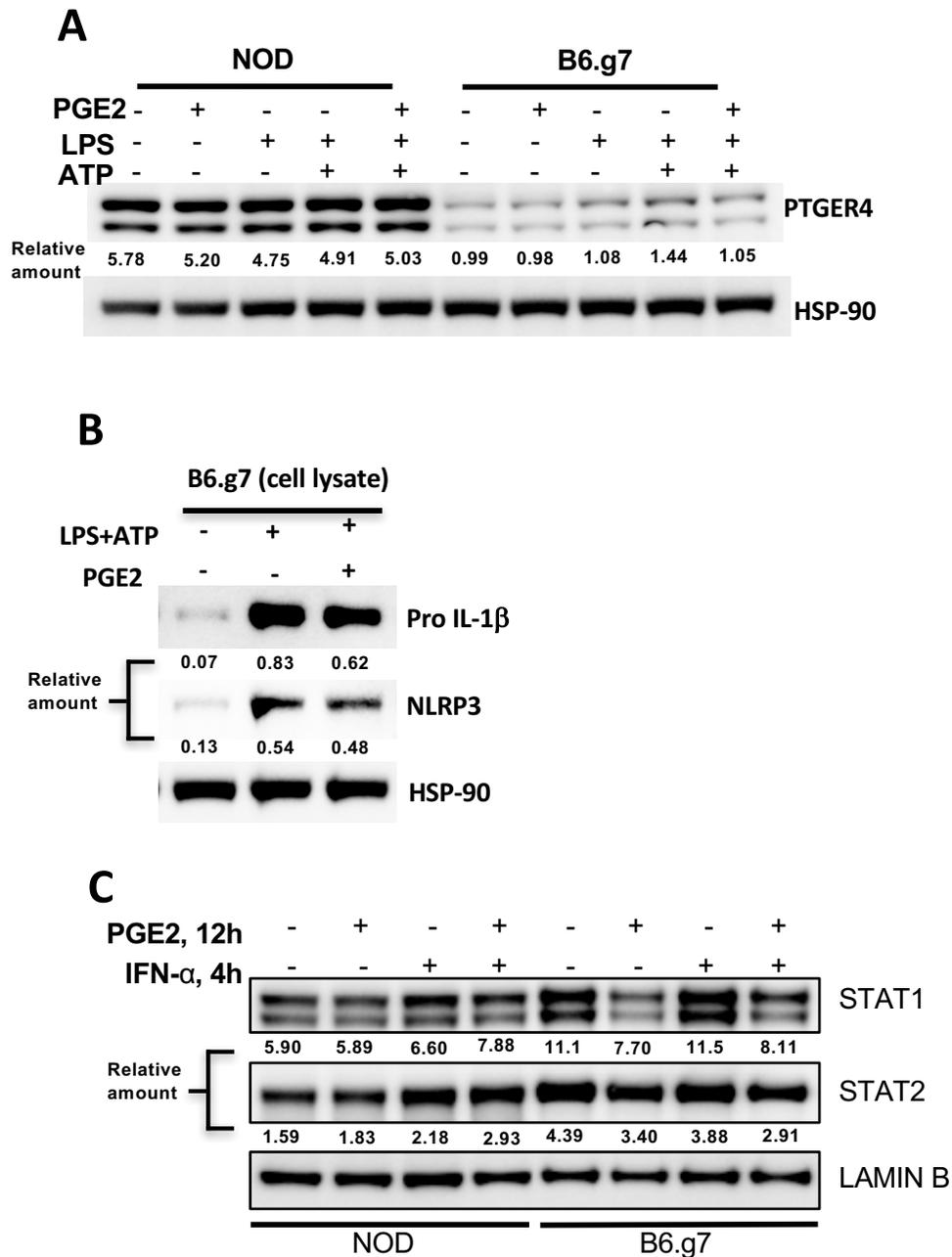
ns : $P > 0.05$
 * : $P \leq 0.05$
 ** : $P \leq 0.01$
 *** : $P \leq 0.001$
 **** : $P \leq 0.0001$



Sup. Figure-2. Tonic sensitive IFN-I response genes are lower in NOD RAG^{-/-} compared to B6 RAG^{-/-}
 A. NOD.Rag1^{-/-} ISG expression as percent of B6.Rag1^{-/-} ISG expression. Paired t-tests were conducted on each subset, comparing NOD vs B6 within that subset (analysis as in Figure 1E) for all ISGs (grey), tonic sensitive ISGs (red), and ISGs that are not tonic-sensitive (blue). B. Volcano plot of the log₂ fold change between NOD and B6 for all tonic sensitive ISGs and ISGs that are not tonic sensitive, respectively. Data were generated from RNAseq experiment with 6 mice of each strain. Experiments were repeated twice with 3 mice per group.



Supp. Figure-3. A. Representative flow cytometry data plot of CD4+IFN- γ + T cells from PLN collected from NOD mice after in vivo with or without anti-IFNAR-Ab treatment from 6-8 weeks. Cells were stimulated with PMA+ionomycin for 6h (last 4 with brefeldin). B. Secreted PGE2 levels measured by ELISA after culturing total spleen cells for 12h. C. Transcript levels of Ptger4 in sorted moDCs from 3W old NOD and B6.g7. D. Baseline expression of Ptger2 and Ptger4 in sorted splenic moDCs from 8W old NOD and B6.g7 mice. Data show normalized counts (log2) from RNAseq experiment. Graph shows mean \pm SD for each of the experiments, performed with 3 mice per group and showing representative of 2 independent experiments. p-values were calculated using 't' test by comparing NOD and B6.g7 strains.



Supp. Figure-4. A. PGE2 stimulation does alter PTGER4 expression. Spleen cells from 8W old NOD or B6.g7 mice were stimulated with PGE2 (1 μ M). After 4h LPS stimulation, PGE2 was added to the culture for 30mins followed by ATP stimulation for 1h. Cells lysates were analyzed by western blotting for PTGER4. B. PGE2-EP4 driven signals were anti-inflammatory in B6.g7 mice. Stimulation was performed as described in (A) with or without PGE2 (1 μ M). Cells lysates were analyzed by western blotting for IL-1 β and NLRP3. C. PGE2-pretreatment and IFN- α -Induced STAT1 and STAT2 levels. Spleen cells were taken from NOD and B6.g7 mice and pulsed with PGE2 (1 μ M) for 12h followed by IFN- α stimulation for 4h in low serum medium. Cells lysates were analyzed by western blotting for STAT1 and STAT2 expression. Data were representative of two independent experiments with pooled cells from 3 mice in each group.

gene.name	pDC		cDC1		cDC2		moDC		monocyte		EntrezGene.id	HUGO.gene.name	transcriptid_long
	B6g7_PBS NOD_PBS		B6g7_PBS NOD_PBS		B6g7_PBS NOD_PBS		B6g7_PBS NOD_PBS		B6g7_PBS NOD_PBS				
	AvgExpr	AvgExpr											
Zfp85	1.461	1.407	0.760	1.275	1.353	1.470	1.878	1.509	2.094	2.325	22746	NA	NM_001001130_13_-1
Scap	5.449	5.516	4.862	4.936	5.119	5.500	4.162	4.353	3.786	3.893	235623	SCAP	NM_001001144_9_+1
Zfp458	0.963	2.009	0.113	1.455	0.889	1.961	1.041	0.882	0.221	1.457	238690	ZNF43	NM_001001152_13_-1
Taf9b	0.698	-0.730	0.972	0.129	0.179	-0.553	-2.504	-3.410	-3.232	-2.978	407786	TAF9B	NM_001001176_X_-1
BC051142	0.722	0.536	-0.338	0.233	0.047	0.148	-3.301	-3.910	-4.981	-4.981	407788	NA	NM_001001177_17_+1
Ccdc148	-0.999	-2.069	-1.804	-0.812	-0.972	-0.651	-1.346	-0.198	-2.858	-1.201	227933	CCDC148	NM_001001178_2_-1
Zfp941	-2.948	-2.583	-0.471	0.122	-3.657	-3.075	-3.677	-1.744	-4.981	-2.867	407812	NA	NM_001001180_7_-1
BC031181	8.016	8.108	7.081	6.993	6.985	7.066	6.708	6.644	5.792	5.656	407819	C18orf32	NM_001001181_18_+1
Baz2b	6.248	6.311	6.991	6.596	7.657	7.727	6.896	6.538	6.099	5.962	407823	BAZ2B	NM_001001182_2_-1
Tmem204	-1.596	-2.087	-1.155	-1.189	0.519	-1.093	-0.783	-2.541	-1.051	-1.867	407831	TMEM204	NM_001001183_17_-1
Primpol	4.018	4.161	4.440	4.587	4.763	4.704	4.479	4.146	3.787	3.906	408022	PRIMPOL	NM_001001184_8_-1
Zfp456	3.170	2.696	2.164	2.526	2.725	3.282	1.987	2.516	1.885	2.742	408065	NA	NM_001001186_13_-1
Zfp738	2.633	2.788	3.655	3.181	3.371	3.313	3.575	3.095	3.137	3.495	408068	ZNF729	NM_001001187_13_-1
Dis3l	2.337	2.577	2.816	2.609	3.212	2.373	2.753	2.832	4.115	3.959	213550	DIS3L	NM_001001295_9_-1
Thns1	0.099	0.950	-2.212	-0.913	-2.439	-2.055	-1.429	-3.218	-1.768	-1.538	208967	THNSL1	NM_001001297_2_+1
Itga8	-4.981	-4.981	5.451	5.043	-2.191	1.104	2.429	3.104	3.353	3.149	241226	ITGA8	NM_001001309_2_-1
Pramel4	-3.834	-1.767	-2.184	-3.412	-2.776	-3.172	-3.188	-3.566	-3.728	-4.502	347710	NA	NM_001001319_4_+1
Tbx10	-4.981	-4.981	-4.964	-4.954	-4.981	-4.981	-4.980	-4.979	-4.981	-4.981	109575	TBX10	NM_001001320_19_+1
Slc35d2	4.061	4.576	4.674	5.195	3.942	4.543	3.732	4.286	3.819	3.822	70484	SLC35D2	NM_001001321_13_-1
Adamts13	-4.178	-4.981	-4.937	-1.370	-4.847	-4.648	-4.930	-4.771	-4.981	-4.691	279028	ADAMTS13	NM_001001322_2_-1
St5	-4.981	-1.887	-3.279	-2.121	-3.720	-3.890	-2.085	-3.456	-4.981	-4.981	76954	ST5	NM_001001326_7_-1
Vkorc1l1	0.288	-1.288	1.346	0.273	-1.657	-1.116	-2.140	-1.976	0.507	0.423	69568	VKORC1L1	NM_001001327_5_+1
Hexdc	-0.149	-0.524	-0.039	0.132	-1.008	-1.069	-0.998	-0.955	-0.426	-1.210	238023	HEXDC	NM_001001333_11_+1
Plekha8	-2.308	0.786	-4.792	-4.799	-4.855	-4.928	-3.645	-4.334	-4.120	-4.108	231999	PLEKHA8	NM_001001335_6_+1
Cyp2c44	-2.280	-0.197	-4.975	-4.862	-4.508	-4.536	-4.497	-4.969	-4.981	-2.367	226143	NA	NM_001001446_19_-1
Zscan22	-0.736	-2.628	-1.666	-1.696	-1.287	-3.301	-1.013	-4.765	-0.139	-3.707	232878	ZSCAN22	NM_001001447_7_+1
Ttyh1	-2.711	-4.981	-4.981	-4.978	-3.618	-3.445	-4.961	-4.971	-4.981	-4.981	57776	TTYH1	NM_001001454_7_+1
Atp8b1	-4.981	-4.981	-4.969	-3.443	-4.875	-4.395	-4.132	-4.874	-4.981	-4.981	54670	ATP8B1	NM_001001488_18_-1
Mfsd4b5	-4.981	-4.981	-3.248	-4.945	-4.130	-4.918	-3.619	-4.916	-4.190	-4.227	215928	NA	NM_001001489_10_-1
Tpm4	7.571	7.666	8.372	8.462	8.633	8.521	8.651	8.634	8.686	8.763	326618	NA	NM_001001491_8_+1
Lca5l	3.945	4.872	-4.989	-3.722	-4.069	-2.774	-3.099	-4.393	-4.981	-4.981	385668	LCA5L	NM_001001492_16_-1
Wdr83os	7.011	6.946	5.878	5.768	5.755	5.721	6.150	6.050	5.332	5.086	414077	WDR83OS	NM_001001493_8_+1
Tnip3	-2.739	-4.981	1.343	1.898	0.026	-0.182	2.724	3.871	2.837	3.957	414084	TNIP3	NM_001001495_6_+1
Gja6	-0.895	-2.681	-2.112	-2.744	-3.392	-4.510	-4.978	-2.098	-4.981	-1.254	414089	NA	NM_001001496_X_-1
Chpf	-2.020	-4.009	-1.449	-2.090	-0.285	-2.119	-1.775	-1.057	-4.583	-4.833	74241	CHPF	NM_001001565_1_-1
Chpf	0.580	1.233	3.583	3.660	2.162	2.469	0.812	2.226	-0.328	-1.149	74241	CHPF	NM_001001566_1_-1
Dab2ip	-4.599	-4.981	-4.901	-3.379	-3.620	-3.362	-4.881	-4.957	-4.981	-4.981	69601	DAB2IP	NM_001001602_2_+1
Whsc1l1	-4.422	-4.521	-1.363	-4.904	-3.088	-4.892	-2.100	-1.955	-4.507	-4.894	234135	WHSC1L1	NM_001001735_8_+1
Zfp950	3.624	3.364	2.905	1.649	3.258	2.255	3.444	2.024	3.122	1.549	414758	NA	NM_001001737_19_-1
Itpr1p	4.410	4.816	4.156	4.190	5.178	4.856	4.781	4.526	5.982	5.593	414801	ITPR1P	NM_001001738_19_-1
Zfp239	-4.475	-0.841	-4.789	-4.810	-1.530	-0.246	-2.070	-0.322	-4.867	-4.850	22685	ZNF239	NM_001001792_6_+1
Atp11c	1.474	1.772	2.837	2.394	2.560	1.874	3.753	3.238	3.587	4.423	320940	ATP11C	NM_001001798_X_-1
Zfp3612	7.591	6.658	6.960	6.630	8.219	8.087	8.733	8.518	9.422	9.339	12193	ZFP3612	NM_001001806_17_-1
Mpz1l	1.035	-1.472	0.243	0.456	0.484	0.052	0.243	-2.087	-0.749	-1.291	68481	MPZ1L	NM_001001880_1_-1
251009E07Rik	1.185	2.051	3.215	4.314	1.250	3.529	1.371	2.671	1.645	3.609	72190	C3orf70	NM_001001881_16_-1
Rtel1	0.306	1.460	1.513	0.526	1.636	1.247	1.388	-0.441	1.775	1.995	269400	RTEL1	NM_001001882_2_+1
Hecw2	-0.975	0.626	-0.603	-0.379	-0.441	-0.099	-1.254	-2.171	-2.278	-3.510	329152	HECW2	NM_001001883_1_-1
Nckap5l	1.155	1.537	1.903	1.481	0.474	0.375	1.410	1.021	2.641	2.245	380969	NCKAP5L	NM_001001884_15_-1
Tmem151a	-4.981	-4.981	-2.421	-0.381	-4.046	-4.895	-4.405	-4.839	-4.981	-4.227	381199	TMEM151A	NM_001001885_19_-1
H2-K1	10.410	10.090	9.696	10.046	9.589	9.483	9.661	9.599	9.176	8.231	14972	HLA-A	NM_001001892_17_-1
Eea1	4.412	4.455	4.880	4.892	4.744	4.610	4.665	4.750	4.175	4.658	216238	EEA1	NM_001001932_10_+1
Utp14b	-1.541	-0.273	-0.285	-0.026	0.527	-0.808	0.574	0.818	0.977	1.296	195434	UTP14C	NM_001001981_1_+1
A430105119Rik	-1.159	-2.133	-4.091	-3.594	-4.965	-3.895	-3.664	-4.877	-0.703	0.556	214239	C15orf52	NM_001001982_2_-1
Pi4ka	4.239	4.478	4.812	4.844	4.678	4.561	4.675	4.778	5.142	5.479	224020	PI4KA	NM_001001983_16_-1
Kdm2a	5.067	4.749	5.394	5.380	6.116	6.025	5.886	5.678	5.891	6.095	225876	KDM2A	NM_001001984_19_-1
Nat8l	-2.274	-0.493	0.437	0.275	1.638	1.425	2.856	3.104	4.960	4.914	269642	NAT8L	NM_001001985_5_+1
Nol4l	-3.189	-4.981	2.476	2.119	0.370	0.557	1.241	1.165	0.573	1.458	329540	NOL4L	NM_001001986_2_-1
Gp1bb	-4.811	-4.822	-4.918	-3.719	-4.923	-4.936	-4.863	-4.965	-4.978	-4.981	14724	GP1BB	NM_001001999_16_-1
2610507B11Rik	5.760	5.468	6.382	6.374	6.329	6.404	6.255	6.446	7.082	7.282	72503	KIAA0100	NM_001002004_11_+1
Panx2	-4.981	-4.981	-3.517	-3.769	-2.732	-4.721	-3.239	-4.168	-4.394	-4.981	406218	PANX2	NM_001002005_15_+1
Zfp948	1.417	1.929	1.563	1.386	0.812	1.045	1.560	0.998	0.905	1.768	381066	NA	NM_001002008_17_+1
Lmna	-2.571	-1.010	0.166	1.821	-0.992	0.833	-0.518	1.969	0.802	3.701	16905	LMNA	NM_001002011_3_-1
Hspa2	1.229	1.798	-2.757	0.394	-1.712	-2.899	-0.294	-1.578	-1.568	-0.613	15512	HSPA2	NM_001002012_12_+1
Rpl17	8.683	8.776	9.462	9.175	8.952	8.886	9.170	9.066	7.883	7.709	319195	RPL17	NM_001002239_18_+1
Tmem158	-0.773	-1.744	0.270	0.800	3.228	3.200	1.750	0.946	0.211	-0.446	72309	TMEM158	NM_001002267_9_-1
Adgrg6	-2.739	-4.981	0.659	0.557	3.766	3.200	3.373	2.513	0.839	1.584	215798	ADGRG6	NM_001002268_10_-1
Tro	-4.981	-4.981	-4.750	-4.969	-4.806	-4.945	-4.981	-4.981	-4.981	-4.981	56191	TRO	NM_001002272_X_-1

Smg6	5.059	4.837	4.777	4.587	5.521	5.632	5.104	4.795	4.126	4.165	103677	SMG6	NM_001002764_11_+1
Rab44	-1.902	-4.981	-4.750	-3.607	-3.879	-1.515	2.309	1.138	5.104	4.965	442827	RAB44	NM_001002786_17_+1
Ccin	-4.981	-4.981	-4.696	-4.530	-4.981	-4.981	-4.527	-4.945	-4.981	-4.981	442829	CCIN	NM_001002787_4_+1
Pram1	-0.540	-1.635	-0.415	0.337	5.240	5.520	4.686	4.039	5.757	5.500	378460	PRAM1	NM_001002842_17_+1
Fbxl12	1.300	1.217	-0.233	-0.812	1.180	1.146	-0.618	0.312	0.607	-0.527	30843	FBXL12	NM_001002846_9_-1
Al413582	6.972	6.937	6.229	6.092	6.443	6.440	6.859	6.577	5.941	5.661	106672	NA	NM_001002895_17_-1
Bfsp2	3.337	2.370	2.042	2.134	2.251	-0.176	1.516	1.060	-2.746	-2.389	107993	BFSP2	NM_001002896_9_-1
Atg9b	-1.914	-0.671	2.233	2.666	-2.652	-2.619	-1.549	0.420	0.629	0.245	213948	ATG9B	NM_001002897_5_-1
Sirpb1a	1.559	0.082	1.752	1.051	8.445	8.485	8.605	8.214	6.253	6.625	320832	SIRPB1	NM_001002898_3_-1
Penk	-4.981	-0.824	-4.781	-1.591	-4.975	-4.863	-1.234	-3.943	0.540	-0.277	18619	PENK	NM_001002927_4_-1
Nup85	4.780	4.989	5.211	5.098	5.429	5.318	5.054	5.018	4.094	3.967	445007	NUP85	NM_001002929_11_+1
Try5	-1.365	-2.139	-4.974	-3.726	-4.935	-4.798	-4.853	-4.807	-4.981	-2.993	103964	PRSS3	NM_001003405_6_-1
Zfp457	-4.981	-2.878	-4.701	-2.845	-4.913	-3.215	-3.927	-3.432	-4.981	-2.525	431706	ZNF93	NM_001003666_13_-1
Osbp18	4.920	5.043	4.938	4.736	5.535	5.625	6.024	5.540	5.739	6.361	237542	OSBP18	NM_001003717_10_+1
Ralgapa1	3.830	2.690	3.775	4.037	3.667	3.766	2.621	2.688	1.289	2.116	56784	RALGAPA1	NM_001003719_12_-1
Erbp2	-2.280	-2.883	-2.343	-2.430	-2.235	-1.339	-2.553	-3.088	-2.598	-3.855	13866	ERBP2	NM_001003817_11_+1
Masp2	-4.981	-1.511	-4.966	-2.999	-4.893	-3.390	-4.949	-2.482	-4.981	-2.664	17175	MASP2	NM_001003893_4_+1
Tardbp	0.249	-1.088	-1.364	0.018	-2.659	-3.906	-1.008	-3.808	-2.493	-2.003	230908	TARDBP	NM_001003898_4_-1
Tardbp	2.861	2.600	2.619	2.094	2.021	2.063	2.342	1.761	0.188	1.310	230908	TARDBP	NM_001003899_4_-1
Cltc	6.498	6.546	7.399	7.386	7.507	7.408	7.554	7.586	8.100	8.451	67300	CLTC	NM_001003908_11_-1
Ankib1	3.292	3.788	2.798	2.560	2.027	2.487	2.230	2.035	1.214	1.354	70797	ANKIB1	NM_001003909_5_-1
Ttc41	1.059	1.018	-2.455	-2.566	-2.778	-2.918	-3.163	-1.416	-0.832	-1.511	103220	NA	NM_001003910_10_+1
Adamts7	-3.563	-3.267	-4.938	-3.862	-3.572	-4.951	-4.944	-4.535	-3.925	-4.981	108153	ADAMTS7	NM_001003911_9_+1
Arhgef11	3.474	3.813	3.728	3.944	2.857	2.446	3.513	3.445	4.669	4.807	213498	ARHGEF11	NM_001003912_3_+1
Mars	4.894	4.969	5.297	5.113	5.375	5.272	5.574	5.533	5.373	5.059	216443	MARS	NM_001003913_10_-1
Zc4h2	0.380	0.942	-0.330	1.120	1.958	2.685	2.100	2.413	0.994	2.321	245522	ZC4H2	NM_001003916_X_-1
Atg9a	2.307	-1.651	2.247	1.257	0.727	1.781	1.237	2.052	4.366	3.429	245860	ATG9A	NM_001003917_1_-1
Usp7	5.801	6.039	6.074	6.162	5.802	5.927	6.073	5.891	6.047	6.159	252870	USP7	NM_001003918_16_-1
Ddx11	0.180	0.944	1.728	1.796	2.483	1.738	2.314	1.704	1.202	0.916	320209	DDX11	NM_001003919_17_+1
Brsk1	-4.981	-4.981	-2.374	-3.522	-1.948	-3.315	-2.128	-2.536	-2.642	-2.106	381979	BRSK1	NM_001003920_7_+1
Rtn3	-1.586	0.279	-0.481	-0.760	-0.481	0.406	-0.182	0.488	0.535	0.951	20168	RTN3	NM_001003933_19_-1
Rtn3	-3.677	-2.110	-1.538	-1.940	-2.919	-2.904	-1.413	-2.697	-0.209	-0.270	20168	RTN3	NM_001003934_19_-1
Ttc41	-3.112	-1.941	-2.207	-2.127	-2.823	-3.333	-3.140	-2.414	-2.022	-2.334	103220	NA	NM_001003939_10_+1
Pid1	1.674	-0.630	7.842	7.477	6.394	5.234	7.418	6.873	8.282	7.462	98496	PID1	NM_001003948_1_-1
Tmem259	4.872	4.817	4.284	4.139	4.262	4.272	4.766	4.685	4.651	4.676	216157	TMEM259	NM_001003949_10_-1
Rab3ip	5.637	5.580	3.554	3.462	3.925	3.991	3.302	3.291	2.713	2.641	216363	RAB3IP	NM_001003950_10_-1
Kdm2b	2.111	1.645	5.149	4.952	5.020	4.498	3.058	2.696	2.388	2.876	30841	KDM2B	NM_001003953_5_-1
Rab11fip5	-4.981	-1.293	-2.079	-1.875	-4.752	-4.774	-0.939	-2.467	1.102	1.143	52055	RAB11FIP5	NM_001003955_6_-1
Dnmt3b	-4.546	-4.648	-2.445	-4.838	-4.691	-2.329	-4.207	-2.408	-2.997	-4.870	13436	DNMT3B	NM_001003960_2_+1
Dnmt3b	-4.640	-4.688	-4.565	-4.930	-4.886	-4.944	-4.541	-4.452	-4.787	-4.963	13436	DNMT3B	NM_001003961_2_+1
Dnmt3b	-3.807	-2.693	-4.330	-3.641	-4.387	-4.894	-4.759	-4.543	-4.367	-4.740	13436	DNMT3B	NM_001003963_2_+1
Senp7	-0.838	-1.329	-0.123	-2.249	-3.235	-2.147	-2.608	-4.004	-1.398	-4.748	66315	SENP7	NM_001003972_16_+1
Senp7	-0.482	0.106	-0.431	-0.186	-0.239	-0.495	-1.471	-0.580	-0.767	0.154	66315	SENP7	NM_001003973_16_+1
Crtc1	3.978	3.853	2.586	2.942	2.828	2.955	2.548	2.281	2.460	3.030	382056	CRTC1	NM_001004062_8_-1
Zfp386	1.979	-0.117	2.239	2.196	1.214	0.662	1.059	1.094	1.464	1.515	56220	ZNF519	NM_001004066_12_+1
Zfp619	1.906	0.996	2.417	1.239	2.975	2.526	2.333	1.637	3.385	2.127	70227	ZNF208	NM_001004139_7_+1
Ckap2	-1.164	-1.693	2.416	2.969	2.975	2.529	2.533	1.845	0.778	0.881	80986	CKAP2	NM_001004140_8_-1
Nlrp1a	1.732	4.395	3.514	5.339	4.070	5.001	4.067	4.249	4.918	4.522	195046	NA	NM_001004142_11_-1
Usp22	5.024	5.042	7.135	6.637	5.212	5.276	5.233	5.492	5.767	5.927	216825	USP22	NM_001004143_11_-1
Git1	3.670	3.698	4.616	4.402	4.580	4.264	4.312	3.923	4.775	4.857	216963	GIT1	NM_001004144_11_+1
Zfp366	-1.576	-4.981	5.641	5.897	4.778	4.579	3.949	3.531	-1.851	-0.527	238803	ZNF366	NM_001004149_13_+1
A4galt	-0.788	-4.981	-1.790	-2.301	-1.511	-1.147	-1.232	-0.883	-4.981	-4.981	239559	A4GALT	NM_001004150_15_-1
Rragb	2.599	2.166	3.131	3.110	2.877	2.826	2.579	2.374	0.586	0.096	245670	RRAGB	NM_001004154_X_+1
9930012K11Rik	0.309	-1.838	-0.756	-1.131	-1.944	-2.949	-1.497	-1.126	-1.476	-2.919	268759	C8orf58	NM_001004155_14_-1
Scarf1	-0.332	-4.981	-0.242	-0.360	-1.736	-2.717	0.567	0.553	3.111	3.272	380713	SCARF1	NM_001004157_11_+1
Glec4b2	-4.981	-4.981	5.513	6.321	-4.003	-1.326	-2.088	1.340	0.098	-4.342	381809	NA	NM_001004159_6_+1
Gnptab	5.598	5.877	4.596	4.478	4.898	4.914	5.013	5.133	6.060	6.219	432486	GNPTAB	NM_001004164_10_+1
Sgpp2	-1.657	-1.310	-3.012	-1.802	-2.017	-2.673	-2.732	-1.080	-2.504	-3.741	433323	SGPP2	NM_001004173_1_+1
AA467197	1.855	1.343	-0.646	-4.779	-1.711	-2.624	1.201	-0.745	-0.316	-2.867	433470	C15orf48	NM_001004174_2_+1
Maml3	1.581	2.069	1.169	1.058	3.226	3.245	3.227	3.304	3.939	3.846	433586	MAML3	NM_001004176_3_-1
Celsr2	-4.003	-2.042	-2.463	-4.978	-1.255	-2.273	-2.733	-3.217	-0.945	-0.765	53883	CELSR2	NM_001004177_3_-1
AA415398	1.256	1.787	0.298	-0.233	-0.472	0.333	-0.280	0.057	0.450	0.160	433752	FRG2 FRG2B	NM_001004178_4_-1
Fam222a	-1.504	-0.579	-4.734	-4.579	-3.412	-4.322	-2.922	-3.919	-3.109	-4.981	433940	FAM222A	NM_001004180_5_+1
Whamm	3.780	3.914	5.183	4.656	4.008	3.588	4.126	3.288	4.456	3.424	434204	WHAMM	NM_001004185_7_+1
2610020H08Rik	0.286	-0.446	-0.955	-0.878	0.122	0.110	-0.016	-0.369	-1.167	0.163	434234	LOC81691	NM_001004187_7_+1
Zfp560	3.908	3.971	2.773	2.769	3.059	3.449	3.224	3.113	1.879	2.187	434377	ZNF560	NM_001004190_9_-1
Gm5617	6.172	5.625	4.291	4.051	3.906	4.073	4.345	4.092	4.008	3.945	434402	NA	NM_001004191_9_+1
Rhox8	-2.386	-3.267	-3.420	-4.312	-1.311	-3.060	-1.236	-3.138	-1.797	-2.848	434768	C11orf71	NM_001004193_X_-1
Amigo1	1.561	0.408	0.274	-1.409	-0.008	-0.082	-0.973	0.267	-0.029	-0.037	229715	AMIGO1	NM_001004293_3_+1
Gprasp1	1.721	1.451	0.661	0.494	1.541	1.318	1.117	0.956	1.269	1.511	67298	GPRASP1	NM_001004359_X_+1
Tpgs2	4.874	5.323	4.257	4.450	4.493	4.580	4.159	4.589	3.566	3.830	66648	TPGS2	NM_001004361_18_-1
2610008E11Rik	3.718	3.570	3.432	3.066	3.659	3.900	3.589	3.411	3.381	4.193	72128	NA	NM_001004362_10_-1
Nuak1	-1.036	-1.656	0.140	0.594	1.519	1.076	1.980	1.199	-3.531	-0.831	77976	NUAK1	NM_001004363_10_-1
Asap2	-1.630	-2.025	4.389	3.512	3.053	0.391	1.476	0.094	0.449	1.435	211914	ASAP2	NM_001004364_12_+1

Actr3b	-0.746	-0.451	-1.642	-0.231	-1.174	1.635	-2.799	0.496	-1.903	-0.757	242894	ACTR3B	NM_001004365_5_+1
Scube3	-4.981	-4.981	-0.875	-2.517	-3.609	-4.115	-1.243	-3.596	-4.981	-4.981	268935	SCUBE3	NM_001004366_17_+1
Pik3r6	-1.009	-1.455	0.670	0.832	1.284	0.443	0.997	2.039	4.219	3.889	104709	PIK3R6	NM_001004435_11_+1
Wapl	5.449	5.985	6.411	6.329	6.521	6.621	6.123	6.058	5.897	6.075	218914	WAPL	NM_001004436_14_+1
Pigu	5.768	5.865	5.248	5.093	5.145	5.103	4.990	5.091	4.675	4.306	228812	PIGU	NM_001004721_2_-1
Pla2g4c	-4.981	-4.981	-2.771	-3.435	-3.922	-3.418	-4.622	-1.925	-4.126	-4.981	232889	PLA2G4C	NM_001004762_7_+1
Znhit3	5.397	5.306	3.718	3.889	4.285	4.317	4.280	4.126	2.951	2.860	448850	ZNHIT3	NM_001005223_11_-1
Hps5	3.618	3.724	5.874	5.194	4.504	4.586	4.928	5.331	5.782	6.211	246694	HPS5	NM_001005247_7_-1
Hps5	2.339	3.460	4.119	4.588	3.152	3.307	3.403	3.563	3.709	3.507	246694	HPS5	NM_001005248_7_-1
Ypel2	3.210	3.033	2.526	2.087	2.292	2.092	2.886	1.638	3.549	3.434	77864	YPEL2	NM_001005341_11_-1
Ypel4	-4.981	-2.533	-4.933	-2.181	-4.891	-2.621	-4.836	-2.171	-4.981	-4.981	241525	YPEL4	NM_001005342_2_+1
Zfp960	-0.795	-2.684	-2.961	-1.467	-3.808	-3.404	-1.664	-2.392	-0.979	-4.981	449000	NA	NM_001005358_17_+1
Spin2c	-2.178	-4.981	-2.096	-1.710	-3.947	-3.231	-4.498	-1.438	-4.981	-4.981	278240	NA	NM_001005370_X_+1
Gprasp1	2.460	3.178	1.951	1.285	2.091	2.566	1.350	1.502	1.689	1.418	67298	GPRASP1	NM_001005385_X_+1
Ado	3.566	3.607	4.046	4.025	4.156	4.042	4.168	3.994	4.119	4.696	211488	ADO	NM_001005419_10_-1
Ppp1r26	-4.981	-4.981	-3.462	-2.050	-4.571	-4.462	-4.064	-2.980	-3.750	-4.981	241289	PPP1R26	NM_001005420_2_+1
Amica1	8.606	8.843	7.997	8.110	7.240	7.791	6.603	7.484	5.323	8.028	270152	JAML	NM_001005421_9_+1
Mreg	2.690	1.095	5.784	6.184	7.768	7.678	6.159	4.934	-0.471	-1.131	381269	MREG	NM_001005423_1_-1
Gm996	-3.189	-1.003	-0.637	-0.693	0.696	1.696	-1.505	-0.442	-4.981	-4.981	381353	C9orf172	NM_001005424_2_-1
Zcwpw1	3.609	3.029	0.085	-1.531	2.108	2.126	1.413	1.045	0.902	-0.046	381678	ZCWPW1	NM_001005426_5_+1
Iqsec2	2.188	2.456	0.224	0.541	-1.010	-0.960	0.401	1.216	1.894	2.144	245666	IQSEC2	NM_001005475_X_+1
Olfr111	-4.981	-4.981	-4.582	-2.979	-0.954	1.380	-2.148	-0.796	-4.981	-4.981	545205	OR5V1	NM_001005485_17_+1
Txlna	3.825	4.296	3.837	4.029	4.507	4.626	4.269	4.700	4.401	4.432	109658	TXLNA	NM_001005506_4_-1
Smg7	3.411	3.714	4.685	4.866	4.692	4.576	4.384	4.308	4.502	4.720	226517	SMG7	NM_001005507_1_-1
Arhgap30	6.550	6.662	7.878	7.817	8.074	8.035	8.034	8.065	8.883	8.769	226652	ARHGAP30	NM_001005508_1_+1
Eif2a	5.601	5.213	5.260	4.894	4.596	4.378	4.872	4.650	5.017	4.699	229317	EIF2A	NM_001005509_3_+1
Syne2	5.634	5.703	3.338	2.611	2.953	2.603	2.925	3.368	3.539	3.255	319565	SYNE2	NM_001005510_12_+1
Lmtk3	-4.981	-4.981	-4.861	-4.969	-4.601	-4.897	-4.356	-4.747	-4.981	-4.981	381983	LMTK3	NM_001005511_7_+1
Rsrc2	6.809	7.026	6.259	6.212	6.428	6.576	6.430	6.249	5.538	5.621	208606	NA	NM_001005525_5_-1
Aebp2	2.362	1.547	4.393	3.947	5.527	5.107	5.147	4.352	4.209	4.032	11569	AEBP2	NM_001005605_6_+1
Itgb4	-4.393	-3.527	-4.269	-4.636	-4.761	-4.960	-4.883	-4.826	-2.795	-4.981	192897	ITGB4	NM_001005608_11_+1
Phactr1	-4.981	-4.981	-4.977	-4.916	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	218194	PHACTR1	NM_001005740_13_+1
Phactr1	-3.563	-4.981	-1.773	-1.806	-3.671	-2.954	-4.204	-2.729	-3.394	-3.386	218194	PHACTR1	NM_001005748_13_+1
Parl	6.701	6.593	6.683	6.801	6.479	6.346	6.855	6.728	6.901	6.579	381038	PARL	NM_001005767_16_-1
Patj	-2.489	-0.712	0.905	1.293	1.019	0.971	-0.169	-0.882	-2.391	-2.581	12695	PATJ	NM_001005784_4_+1
Patj	-4.981	-3.408	-1.133	-2.526	-2.020	-3.134	-1.639	-4.677	-4.966	-4.926	12695	PATJ	NM_001005787_4_+1
Zfp69	0.884	4.605	0.860	2.585	1.374	3.392	1.321	3.441	0.926	3.005	381549	ZFP69	NM_001005788_4_-1
Mcoln2	2.729	2.488	-1.466	0.227	-2.056	-2.291	-1.006	1.071	-4.069	-2.153	68279	MCOLN2	NM_001005846_3_+1
Aga	6.666	6.770	4.985	5.245	5.167	5.359	4.523	4.769	4.166	4.602	11593	AGA	NM_001005847_8_+1
Ifit3b	0.239	-1.694	0.012	-3.654	4.215	2.560	3.922	2.197	4.321	2.824	667370	IFIT3	NM_001005858_19_+1
Rpl34	6.983	5.473	6.899	5.798	6.501	5.586	7.027	5.751	5.865	4.764	68436	NA	NM_001005859_3_-1
Clec4a4	0.485	-0.543	1.086	0.259	8.207	8.409	6.769	5.445	2.674	2.557	474145	NA	NM_001005860_6_+1
Mtus1	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.140	-4.269	102103	MTUS1	NM_001005863_8_-1
Mtus1	-0.260	-3.105	0.715	-4.675	-0.217	-2.944	1.888	-0.353	3.727	3.918	102103	MTUS1	NM_001005864_8_-1
Mtus1	-2.243	-3.494	0.826	0.456	2.790	0.482	4.129	3.808	7.592	7.569	102103	MTUS1	NM_001005865_8_-1
Zmiz2	6.076	5.967	5.112	5.394	6.430	6.171	6.310	5.179	3.764	4.265	52915	ZMIZ2	NM_001005867_11_+1
Erbin	-0.009	-1.132	1.666	1.986	-0.020	0.258	0.819	1.802	1.215	2.647	59079	ERBIN	NM_001005868_13_-1
Zbtb9	3.321	3.302	3.637	3.585	3.448	3.525	3.879	3.697	3.927	3.799	474156	ZBTB9	NM_001005916_17_+1
Epb41l1	-4.632	-4.641	-3.963	-4.439	-4.468	-2.152	-4.004	-2.877	-4.964	-1.088	13821	EPB41L1	NM_001006664_2_+1
Adam22	-4.981	-4.981	-4.336	-3.448	-3.916	-3.507	-4.728	-4.626	-4.981	-4.603	11496	ADAM22	NM_001007220_5_-1
Adam22	-4.981	-4.981	1.093	3.738	0.380	3.751	-0.150	1.982	-4.981	-2.466	11496	ADAM22	NM_001007221_5_-1
Zdhhc23	-3.189	-0.964	0.057	-0.040	-2.359	-1.637	-1.134	-1.156	0.738	1.150	332175	ZDHC23	NM_001007460_16_-1
Spag8	-3.349	-4.981	-3.378	-4.377	-3.795	-4.820	-4.981	-4.981	-4.981	-4.981	433700	SPAG8	NM_001007463_4_-1
Rffl	1.029	2.100	1.465	1.238	0.205	0.541	2.243	2.284	4.362	4.200	67338	RFFL	NM_001007465_11_-1
Slc7a6os	5.172	5.265	4.580	4.695	4.394	4.616	4.396	4.450	3.983	4.060	66432	SLC7A6OS	NM_001007567_8_-1
Zfp251	3.158	3.028	2.490	2.230	2.905	2.798	1.969	2.128	1.966	2.064	71591	ZNF251	NM_001007568_15_-1
Slc25a42	0.185	0.417	0.166	0.055	0.417	0.178	0.567	0.646	-0.646	0.365	73095	SLC25A42	NM_001007570_8_-1
D8ErtD738e	7.422	6.770	6.487	6.311	7.135	6.704	7.250	6.669	6.624	5.988	101966	C19orf53	NM_001007571_8_-1
Maneal	-3.563	-4.981	-2.736	-1.889	-0.812	-0.462	-2.411	-1.988	-1.049	-1.865	215090	MANEAL	NM_001007573_4_-1
A830010M20Rik	3.274	3.646	-1.084	-0.563	1.002	1.051	-0.110	-0.459	-1.203	-0.650	231570	KIAA1107	NM_001007574_5_+1
Zfp58	3.192	3.243	3.220	2.732	3.027	2.965	3.076	2.879	2.851	3.133	238693	NA	NM_001007575_13_-1
Tceanc	3.285	3.131	2.182	2.037	2.924	2.434	2.675	2.206	3.216	3.040	245695	TCEANC	NM_001007577_X_-1
Armcx6	4.100	3.711	2.254	2.125	0.537	-0.298	0.028	0.628	-2.946	-0.108	278097	ARMCX6	NM_001007578_X_-1
Trp53rka	3.804	3.868	4.145	4.185	3.714	3.723	3.949	3.979	4.044	3.661	381406	TP53RK	NM_001007581_2_-1
Akirin2	5.574	5.921	5.286	5.260	5.840	5.625	5.739	5.789	5.573	6.082	433693	AKIRIN2	NM_001007589_4_+1
Rtn1	-4.540	-4.685	-4.557	-4.808	-1.858	-4.933	-4.533	-4.885	-4.655	-4.921	104001	RTN1	NM_001007596_12_-1
Daam2	-4.981	-4.981	-4.353	-3.875	-4.268	-4.000	-3.438	-4.506	-2.075	-2.044	76441	DAAM2	NM_001008231_17_-1
Asap3	-4.981	-1.347	-0.584	0.446	-1.295	-0.852	-0.264	-0.847	-4.981	-2.391	230837	ASAP3	NM_001008232_4_+1
Plekhn1	0.585	1.314	3.513	4.344	1.779	2.119	0.893	1.254	1.115	1.091	231002	PLEKHN1	NM_001008233_4_-1
Bnip2	3.670	4.281	5.324	5.525	4.936	5.353	5.108	5.851	5.578	6.342	12175	BNIP2	NM_001008238_9_+1
Aox2	-0.038	2.420	-2.204	-2.198	-4.960	-4.506	-4.869	-3.338	-4.981	-4.981	213043	NA	NM_001008419_1_+1
Nol10	2.535	1.864	3.045	2.812	3.366	3.058	2.990	2.512	3.241	3.319	217431	NOL10	NM_001008421_12_+1
Scaf1	3.157	3.251	3.784	3.648	3.970	3.606	4.000	3.620	4.592	4.613	233208	NA	NM_001008422_7_-1
Thoc6	4.820	4.917	4.317	4.418	4.394	4.087	4.047	4.275	3.976	3.787	386612	THOC6	NM_001008425_17_-1

Teddm1b	0.468	0.877	-0.724	-0.419	-1.009	-0.246	-0.699	-1.490	-1.814	-2.256	433365	TEDDM1	NM_001008426_1_+1
Zfp975	1.899	2.450	1.804	2.654	1.791	2.140	1.131	1.424	0.886	1.672	434179	ZNF14	NM_001008427_7_-1
P2ry14	0.975	1.059	-1.242	-0.913	-4.913	-3.564	-1.179	-1.681	-1.018	-1.304	140795	P2RY14	NM_001008497_3_-1
Wdr34	2.458	2.625	1.811	2.245	1.494	2.057	1.025	1.666	0.808	0.614	71820	WDR34	NM_001008498_2_-1
Zfp760	1.086	1.596	1.875	1.038	2.077	1.926	2.201	2.085	1.525	2.617	240034	NA	NM_001008501_17_+1
Bbs12	-1.398	0.548	2.134	1.935	-3.243	-0.302	0.016	1.603	1.073	0.126	241950	BBS12	NM_001008502_3_+1
Zc3h14	3.836	3.934	3.822	3.637	3.687	3.623	3.556	3.427	3.600	3.554	75553	ZC3H14	NM_001008506_12_+1
Adora1	-4.981	-4.981	-4.981	-4.981	-4.950	-4.950	-4.981	-4.981	-4.981	-4.981	11539	ADORA1	NM_001008533_1_-1
Mxi1	-0.136	-0.845	4.400	3.820	3.569	2.209	4.042	3.589	5.778	4.802	17859	MXI1	NM_001008542_19_+1
Mxi1	2.347	2.071	0.194	-0.315	-0.796	0.186	0.743	0.529	-0.921	1.783	17859	MXI1	NM_001008543_19_+1
Tardbp	-0.270	1.369	-0.340	0.601	-0.123	-1.167	-0.757	-0.645	-4.981	-1.074	230908	TARDBP	NM_001008545_4_-1
Tardbp	-1.503	-0.245	-2.751	-0.696	-1.561	-0.479	-2.156	-1.647	-4.981	-3.336	230908	TARDBP	NM_001008546_4_-1
1700001J03Rik	-2.483	-3.408	-2.464	-4.354	-3.437	-4.702	-4.186	-4.913	-3.925	-4.981	69282	NA	NM_001008547_5_-1
Pde2a	-3.817	-3.261	-4.322	-4.688	-4.566	-4.881	-4.419	-4.741	-4.136	-4.238	207728	PDE2A	NM_001008548_7_+1
Zfp658	4.940	5.122	-1.133	0.034	1.136	1.078	1.677	1.943	2.832	3.337	210104	NA	NM_001008549_7_+1
Zfyve26	4.098	3.929	4.754	4.760	4.452	4.391	4.206	4.342	4.450	4.640	211978	ZFYVE26	NM_001008550_12_-1
Il4ra	5.002	4.964	5.606	5.684	5.801	5.728	6.057	6.021	6.662	6.860	16190	IL4R	NM_001008700_7_+1
Dab2	-3.229	-4.981	-3.048	-2.559	-4.527	-3.623	-4.810	-4.967	-4.981	-3.349	13132	DAB2	NM_001008702_15_+1
Bud31	6.183	6.109	5.763	5.735	5.579	5.619	5.708	5.576	5.156	5.065	231889	NA	NM_001008705_5_+1
Calm5	-0.720	-0.099	-4.981	-4.981	-4.946	-4.946	-2.519	-4.941	-4.981	-4.981	494124	NA	NM_001008706_13_+1
Kbtbd8	0.198	1.594	0.780	0.780	-0.044	1.547	0.861	0.785	1.873	1.444	243574	KBTBD8	NM_001008705_6_+1
Whrn	-1.495	0.382	-3.905	-3.908	-3.267	-3.902	-3.810	-2.554	-4.478	-4.227	73750	WHRN	NM_001008791_4_-1
Whrn	-0.666	-0.163	-3.610	-3.410	-1.720	-1.319	-3.059	-4.600	-4.332	-2.772	73750	WHRN	NM_001008792_4_-1
Whrn	-0.654	-0.947	-2.668	-4.076	-0.416	-1.570	-1.261	-1.750	-3.851	-2.381	73750	WHRN	NM_001008793_4_-1
Adam6b	-1.340	-0.285	-4.946	-4.430	-4.980	-4.932	-2.978	-4.364	-4.981	-4.981	238405	NA	NM_001008545_12_+1
Zfp3613	-4.981	-4.981	-2.660	-2.343	-4.972	-3.862	-4.629	-4.965	-4.981	-4.981	333473	NA	NM_001009549_X_-1
Unc13d	5.012	4.854	5.151	5.077	5.336	5.209	5.092	4.820	5.728	5.432	70450	UNC13D	NM_001009573_11_-1
Armcx5	3.224	3.632	2.812	2.728	3.299	3.269	2.946	2.959	3.326	3.002	494468	ARMCX5	NM_001009575_X_+1
Sept11	6.792	6.153	4.378	3.923	6.030	5.210	5.223	5.326	6.335	5.977	52398	SEPT11	NM_001009818_5_+1
A3galt2	-4.981	-4.981	-2.508	-2.579	-4.832	-4.499	-4.955	-4.968	-2.598	-4.981	215493	A3GALT2	NM_001009819_4_+1
Mief2	2.287	2.466	2.325	2.142	3.088	2.708	2.414	2.235	3.195	2.832	237781	MIEF2	NM_001009927_11_+1
Brsk2	-4.407	-4.761	-4.739	-4.911	-4.978	-4.979	-4.739	-4.891	-4.855	-4.539	75770	BRSK2	NM_001009929_7_+1
Brsk2	-0.938	-0.639	-2.584	-1.544	-1.350	-1.189	-1.487	-2.773	-1.925	-4.951	75770	BRSK2	NM_001009930_7_+1
Txnip	7.127	7.188	6.191	6.209	7.152	7.146	7.280	7.223	8.224	8.022	56338	TXNIP	NM_001009935_3_-1
Il19	-4.981	-4.981	-4.948	-4.948	-4.616	-4.645	-4.535	-4.923	-3.925	-4.981	329244	IL19	NM_001009940_1_-1
Dock11	4.693	4.794	6.322	5.977	6.407	6.205	6.236	6.225	6.631	7.114	75974	DOCK11	NM_001009947_X_+1
Slc25a51	5.368	5.369	4.603	4.847	5.157	5.271	5.027	5.343	4.980	5.072	230125	SLC25A51	NM_001009949_4_-1
Cep44	3.836	3.826	2.989	2.868	3.224	3.182	3.312	3.001	3.047	2.854	382010	CEP44	NM_001009951_8_-1
Slc10a7	-3.649	-3.549	-4.502	-4.720	-2.270	-1.955	-4.185	-1.332	-4.216	-3.459	76775	SLC10A7	NM_001009981_8_+1
Ficd	2.361	2.031	1.949	1.923	1.585	1.617	2.060	1.708	3.211	2.699	231630	FICD	NM_001010825_5_+1
Kctd14	-0.841	-1.179	-0.859	-3.755	-1.377	-0.898	-2.784	-0.297	-1.925	-1.233	233529	KCTD14	NM_001010826_7_+1
Mdc1	3.355	3.368	2.914	3.035	3.690	3.711	3.763	3.552	3.377	3.291	240087	MDC1	NM_001010833_17_+1
Ppp1r13l	-3.843	-1.045	-1.681	-0.399	-1.091	-2.321	-2.014	-1.874	-0.737	-0.308	333654	PPP1R13L	NM_001010836_7_+1
Mrp533	3.682	3.809	2.865	2.645	2.687	2.453	3.005	2.380	1.557	1.157	14548	MRP533	NM_001010930_6_-1
Hrh2	2.608	3.023	2.980	2.873	2.934	2.981	2.325	2.972	2.512	2.509	15466	HRH2	NM_001010973_13_+1
Olfr456	-2.134	-0.198	-4.302	-4.157	-4.598	-4.265	-4.725	-4.834	-4.981	-3.816	259144	NA	NM_001011528_6_-1
Xkr7	-4.981	-4.981	-4.981	-4.981	-4.980	-4.969	-4.053	-4.923	-4.981	-4.981	228787	XKR7	NM_001011732_2_+1
Olfr115	-4.981	-4.981	-4.981	-4.981	-4.917	-4.950	-4.981	-4.981	-4.981	-4.981	257908	NA	NM_001011753_17_-1
Olfr735	-4.981	-4.981	-2.526	-3.710	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	257909	OR4Q3	NM_001011754_14_-1
Olfr212	-3.563	-4.981	-3.214	-3.984	-4.255	-4.814	-3.419	-4.104	-4.981	-2.696	258019	NA	NM_001011800_6_+1
Xkr9	0.514	-1.137	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	381246	XKR9	NM_001011873_1_+1
Rnase12	0.384	-1.901	-2.253	-4.548	-1.363	-3.617	-1.415	-2.992	-2.685	-4.981	497106	RNASE12	NM_001011875_14_-1
Trex1	9.692	10.021	8.212	7.966	8.260	7.663	8.415	8.098	8.713	8.218	22040	TREX1	NM_001012236_9_-1
Birc5	-2.800	-1.909	-0.213	0.233	0.295	-0.203	0.735	-0.464	-0.036	-0.257	11799	BIRC5	NM_001012273_11_+1
Nsrp1	6.008	5.895	5.428	5.522	5.708	5.780	5.784	5.490	4.756	4.658	237859	NSRP1	NM_001012309_11_-1
Slc25a47	-1.576	-1.137	-0.933	-1.948	-1.024	-3.023	-2.047	-3.639	-2.379	-3.229	104910	SLC25A47	NM_001012310_12_+1
Pgbd1	-0.688	0.138	-1.748	-1.685	-2.030	-4.056	-3.467	-1.183	-4.981	-1.523	319207	PGBD1	NM_001012311_13_-1
Sctr	-2.647	-4.981	-4.976	-4.882	-4.843	-4.485	-4.981	-4.981	-3.750	-2.152	319229	SCTR	NM_001012322_1_+1
Ecm2	-4.981	-4.981	-3.089	-4.818	-3.492	-3.927	-3.938	-3.430	-3.340	-4.227	407800	ECM2	NM_001012324_13_+1
Zfp708	-4.469	-0.774	-4.419	-2.665	-4.596	-4.904	-2.850	-2.997	-1.665	-0.981	432769	NA	NM_001012325_13_-1
Zbtb18	5.070	5.092	3.305	3.412	5.204	4.731	4.889	4.261	3.898	4.157	30928	ZBTB18	NM_001012330_1_+1
Mdk	-4.738	-4.752	-4.851	-3.590	-1.134	-3.591	-4.813	-4.947	-4.799	-4.938	17242	MDK	NM_001012335_2_-1
Mdk	-2.593	-4.739	-3.595	-1.894	2.834	-0.023	-2.013	-4.845	-4.793	-4.934	17242	MDK	NM_001012336_2_-1
Slc2a9	-0.871	-2.724	-2.222	-2.867	-3.839	-2.400	-2.041	-4.880	-0.174	0.136	117591	SLC2A9	NM_001012363_5_-1
Hacd1	3.341	3.979	0.209	1.492	-1.184	0.497	1.776	3.054	2.134	2.065	30963	HACD1	NM_001012396_2_-1
AU022252	3.625	3.810	2.690	3.090	2.721	3.106	2.612	2.983	2.111	2.765	230696	C1orf50	NM_001012400_4_-1
Hspb6	2.506	1.414	1.954	1.962	2.511	1.987	2.382	1.013	1.581	0.680	243912	HSPB6	NM_001012401_7_+1
Hs3st6	-3.189	-1.918	-4.968	-2.652	-3.677	3.797	-4.937	-0.189	-2.598	-0.830	328779	HS3ST6	NM_001012402_17_+1
Kctd14	3.869	1.440	3.216	2.742	1.236	-4.398	2.083	1.083	-1.070	-3.976	233529	KCTD14	NM_001012434_7_+1
Zfp708	-2.157	-2.805	-2.666	-4.171	-1.544	-1.850	-1.807	-3.554	-4.025	-4.173	432769	NA	NM_001012448_13_-1
Zfp708	-0.816	-3.477	-3.238	-2.603	-2.842	-4.747	-3.146	-4.853	-0.306	-1.019	432769	NA	NM_001012449_13_-1
Ankrd6	-4.981	-4.981	-4.762	-2.752	-4.826	-4.941	-4.952	-4.981	-4.933	-4.835	140577	ANKRD6	NM_001012450_4_-1
Ankrd6	-4.981	-4.981	-0.579	-0.439	-2.610	-0.968	-2.984	-3.283	-4.030	-1.328	140577	ANKRD6	NM_001012451_4_-1
Fut10	-2.229	1.079	-3.768	0.955	-3.465	0.505	-1.327	0.295	-2.826	2.147	171167	FUT10	NM_001012517_8_+1

Ehmt1	-2.284	1.265	-0.126	1.111	1.927	2.722	-0.416	-0.186	1.988	1.591	77683	EHMT1	NM_001012518_2_-1
Klri1	-0.861	0.299	5.991	5.941	5.496	4.346	4.421	2.449	-4.190	-2.647	503550	NA	NM_001012520_6_-1
Acđ	6.000	5.994	5.334	5.232	5.199	5.079	4.847	5.004	4.303	4.420	497652	ACD	NM_001012638_8_-1
AY761185	-4.981	-4.981	-4.871	-2.710	-4.800	0.301	-4.796	0.013	-4.981	-4.981	100503970	NA	NM_001012640_8_-1
Smim19	-0.704	-4.543	-4.836	-1.381	-1.580	-1.253	-2.684	-1.677	-2.800	-4.960	102032	SMIM19	NM_001012667_8_-1
Adcy5	1.645	1.860	-4.559	-4.177	-4.409	-4.533	-4.933	-4.344	-4.981	-3.853	224129	ADCY5	NM_001012765_16_+1
Ear12	-4.921	-4.981	-4.970	-4.658	-4.957	-1.658	-4.949	-4.634	-4.977	-4.888	503845	NA	NM_001012766_14_+1
Zfp787	2.499	2.331	2.950	2.692	2.712	2.472	2.771	2.543	2.873	2.928	67109	ZNF787	NM_001013012_7_-1
Lrrn4cl	-1.800	-1.943	-2.235	-2.169	-2.312	-2.376	-2.303	-2.714	-1.712	-0.281	68852	LRRN4CL	NM_001013019_19_+1
Odf3b	-4.981	-2.437	-4.695	-3.774	-4.990	-4.199	-4.468	-4.004	-4.981	-4.981	70113	ODF3B	NM_001013022_15_-1
Mterf1a	2.667	2.305	1.875	0.540	2.229	1.418	2.063	0.881	1.485	1.270	545725	MTERF1	NM_001013023_5_-1
Tgfbra1	2.821	3.095	3.619	2.728	3.854	3.185	3.898	3.405	4.728	4.472	73122	TGFBRA1	NM_001013025_1_-1
Ttf2	2.073	1.914	3.094	2.863	3.554	2.929	3.627	2.731	3.590	2.893	74044	TTF2	NM_001013026_3_-1
Tmem263	4.162	4.345	3.637	3.186	3.302	2.759	2.206	2.471	1.042	2.560	103266	TMEM263	NM_001013028_10_+1
Ctc1	1.713	1.856	2.129	2.368	3.400	3.615	3.323	3.548	3.006	3.514	68964	CTC1	NM_001013256_11_+1
Npcđ	-4.981	-4.981	-0.885	-3.963	-1.998	-3.553	-2.079	-4.468	-2.991	-2.522	504193	NA	NM_001013360_15_-1
Npcđ	-4.981	-4.981	-3.031	-3.396	-3.779	-4.138	-4.467	-4.605	-4.763	-2.002	504193	NA	NM_001013362_15_-1
Osm	-1.434	-3.315	-0.319	1.201	2.393	3.140	6.377	4.574	7.138	6.956	18413	OSM	NM_001013365_11_+1
Wdr91	4.533	4.565	5.489	5.666	4.254	4.703	3.882	4.049	3.513	3.462	101240	WDR91	NM_001013366_6_-1
Prkaa1	4.900	5.162	5.264	5.297	5.034	5.112	5.062	5.070	5.573	5.850	105787	PRKAA1	NM_001013367_15_+1
E2f8	-1.860	-2.437	1.651	2.231	2.969	2.373	2.551	2.275	2.797	2.658	108961	E2F8	NM_001013368_7_-1
Pfdn4	-0.814	-1.613	-0.651	0.180	-0.987	0.870	-2.217	0.740	-0.561	-3.133	109054	PFDN4	NM_001013369_2_+1
Sesn1	4.786	4.899	3.501	3.999	5.475	5.846	5.039	5.757	4.914	5.668	140742	SESN1	NM_001013370_10_+1
Dtx3l	4.975	4.327	5.885	5.617	5.766	5.134	6.130	5.790	6.950	6.796	209200	DTX3L	NM_001013371_16_-1
Nrp	5.447	4.725	4.609	4.218	4.142	3.626	4.225	3.257	1.342	0.290	654309	NA	NM_001013372_12_-1
Lman2l	5.123	5.538	4.151	4.665	4.532	5.028	4.469	5.043	5.139	5.793	214895	LMAN2L	NM_001013374_1_-1
Utp18	5.215	5.557	5.335	5.323	5.504	5.257	5.337	5.318	4.929	4.781	217109	UTP18	NM_001013375_11_-1
Rpp38	4.507	4.694	2.852	2.800	3.095	2.909	2.564	2.930	1.355	1.401	227522	RPP38	NM_001013376_2_-1
Arhgef39	2.821	3.188	4.377	3.934	4.087	3.562	3.516	2.361	1.863	0.936	230098	ARHGEF39	NM_001013377_4_-1
Usp1l	2.353	2.287	2.124	1.262	3.216	2.230	2.599	1.010	0.672	1.097	231915	USP1L	NM_001013378_5_+1
Zfp930	3.981	3.532	3.669	3.502	4.100	4.017	3.822	3.529	2.648	3.141	234358	NA	NM_001013379_8_+1
Dync1li2	4.573	4.745	5.989	5.915	4.881	4.675	5.207	5.241	5.634	5.753	234663	DYNC1LI2	NM_001013380_8_-1
Rsad1	1.249	0.476	0.465	-0.836	1.067	-1.014	0.959	-0.532	-0.504	-3.853	237926	RSAD1	NM_001013381_11_-1
Podnl1	-3.668	-1.951	-4.031	-3.746	-3.911	-0.339	-3.907	0.094	-3.531	-4.981	244550	PODNL1	NM_001013384_8_+1
Grm4	-4.981	-4.981	-4.981	-4.981	-4.200	-4.698	-4.945	-4.949	-4.981	-4.981	268934	GRM4	NM_001013385_17_-1
Rasl10b	-4.981	-4.981	-4.797	-2.717	-2.566	-4.718	-4.841	-4.977	-3.750	-2.969	276952	RASL10B	NM_001013386_11_+1
Zfp182	3.896	3.693	2.800	2.367	3.023	2.963	3.193	2.122	2.786	2.500	319535	ZNF182	NM_001013387_X_-1
Mrs2	3.473	3.606	3.767	3.778	3.643	3.655	3.620	3.489	3.999	3.682	380836	MRS2	NM_001013389_13_-1
Scn4b	-4.981	-4.981	0.657	1.287	0.285	-0.798	0.794	-0.019	-3.750	-1.992	399548	SCN4B	NM_001013390_9_+1
Cpsf6	6.356	6.600	6.540	6.610	6.427	6.512	6.344	6.522	6.087	6.465	432508	CPSF6	NM_001013391_10_-1
Tcaim	2.657	3.152	2.461	2.372	2.531	2.694	1.955	1.999	1.553	2.220	382117	TCAIM	NM_001013405_9_+1
Neurl4	1.345	1.453	2.194	1.988	1.739	1.240	1.112	1.896	2.508	2.657	216860	NEURL4	NM_001013414_11_+1
Ric8b	3.243	3.385	2.840	2.441	2.962	3.163	3.330	2.150	3.220	3.412	237422	RIC8B	NM_001013441_10_+1
Olfrl12	-4.981	-4.981	-4.981	-4.981	-4.886	-3.258	-4.967	-4.974	-4.981	-4.981	258096	NA	NM_001013575_17_-1
Inip	5.363	5.332	6.315	6.315	6.199	5.929	6.208	6.039	5.582	5.682	66209	INIP	NM_001013577_4_-1
Pard3	-4.981	-4.981	-4.981	-4.981	-4.492	-4.186	-4.981	-3.591	-4.981	-4.981	93742	PARD3	NM_001013580_8_+1
Pard3	-1.969	-0.677	-2.576	-4.220	-3.181	-2.683	-3.220	-4.025	-4.981	-4.981	93742	PARD3	NM_001013581_8_+1
Vmo1	-4.981	-4.981	-3.901	-4.942	-3.737	-3.968	-4.037	-4.497	-4.981	-4.981	327956	VMO1	NM_001013607_11_-1
Ercc6l2	3.881	4.092	3.587	3.623	3.371	3.352	3.240	3.237	3.245	3.196	76251	ERCC6L2	NM_001013608_13_+1
Trim6	-0.946	1.274	1.228	1.654	1.788	-0.882	1.482	-1.293	-2.119	-0.690	94088	TRIM6	NM_001013616_7_+1
Dđn	1.892	0.947	-4.975	-4.975	-4.912	-4.039	-4.941	-4.830	-4.394	-4.981	13199	DDN	NM_001013741_15_-1
Zfp57	-4.751	-4.981	-2.260	-2.278	-4.068	-3.552	-4.974	-4.977	-4.981	-4.981	22715	ZFP57	NM_001013745_17_+1
Tmem151b	-4.981	-4.981	-3.025	-3.521	-0.446	-0.856	-2.590	-3.532	-4.981	-4.981	210573	TMEM151B	NM_001013749_17_-1
Syna	-4.981	-4.981	-1.562	-2.340	-4.134	-4.333	-4.085	-4.688	-4.394	-2.910	214292	NA	NM_001013751_5_-1
Pcdh17	-3.843	-1.944	-3.253	-3.943	-3.267	-2.968	-2.704	-1.571	-3.115	-1.026	219228	PCDH17	NM_001013753_14_+1
5730409E04Rik	1.286	0.809	-1.263	0.594	-0.359	-1.026	-0.696	-1.015	-0.814	-4.773	230757	C1orf216	NM_001013755_4_+1
Grhl3	-0.950	-0.199	-4.919	-2.877	-2.031	-3.294	-4.906	-2.332	-4.981	-4.981	230824	GRHL3	NM_001013756_4_-1
Rsl1	2.919	2.586	2.488	2.603	2.584	2.663	2.665	2.428	2.021	2.686	380855	NA	NM_001013769_13_+1
Lipo3	4.451	4.567	4.008	4.228	3.963	4.235	3.929	4.264	3.572	4.963	381236	NA	NM_001013770_19_-1
Gm973	-4.981	-4.981	-2.669	-2.931	-4.979	-4.775	-2.624	-4.600	-4.190	-4.981	381260	KIAA2012	NM_001013771_1_+1
Nxpe5	-0.557	1.119	-1.452	2.759	2.890	5.902	2.432	3.240	1.271	1.742	381680	NA	NM_001013773_5_+1
Zfp488	2.256	1.547	2.722	2.332	3.027	2.592	2.248	2.022	2.149	2.014	382867	ZNF488	NM_001013777_14_-1
Tvp23a	2.184	2.029	2.346	2.593	3.365	3.423	2.763	2.289	2.677	2.315	383103	TVP23A	NM_001013778_16_-1
Aim2	5.210	4.642	6.322	5.484	6.184	5.368	5.811	4.990	5.603	4.724	383619	AIM2	NM_001013779_1_+1
Slc25a34	-3.668	-4.981	-4.926	-4.926	-4.418	-4.955	-4.315	-4.969	-4.981	-4.342	384071	SLC25A34	NM_001013780_4_-1
Fam71b	1.324	-0.104	-3.946	-2.384	-0.336	2.409	-1.928	-1.387	-4.981	-0.956	432552	FAM71B	NM_001013783_11_+1
Ccdc92b	-2.842	-2.681	-2.153	-3.181	-4.365	-3.830	-3.154	-2.934	-0.633	-1.640	432582	CCDC92B	NM_001013784_11_+1
Zscan26	4.482	4.310	3.902	3.670	4.567	4.814	4.172	3.966	2.915	3.446	432731	ZSCAN26	NM_001013786_13_-1
Otulín	6.965	6.917	6.740	6.817	7.832	7.722	7.250	7.013	6.692	6.472	432940	OTULIN	NM_001013792_15_-1
Mettl21c	-4.981	-2.344	-4.205	-4.980	-4.392	-4.988	-4.644	-4.188	-3.373	-4.981	433294	METTL21C	NM_001013799_1_-1
Macrođ2	-2.409	-2.445	-4.957	-4.580	-4.976	-3.988	-4.978	-4.976	-4.981	-4.981	72899	MACROD2	NM_001013802_2_+1
Ankrđ13c	3.123	3.696	4.163	4.284	4.134	4.367	3.844	4.313	4.298	4.740	433667	ANKRD13C	NM_001013806_3_+1
Fam169b	5.391	5.979	-1.967	0.034	1.317	1.751	-0.369	2.227	-2.315	-1.610	434197	NA	NM_001013811_7_+1
Mam12	2.993	2.759	2.192	1.792	-1.911	0.266	-0.291	1.681	-0.539	0.921	270118	NA	NM_001013813_9_+1

Sp140	7.551	6.445	6.816	5.989	6.848	6.327	6.011	5.525	6.146	5.327	434484	SP140	NM_001013817_1_+_1
Shf	-0.328	-0.879	-2.079	-2.890	-1.278	-2.530	-1.417	-2.325	-0.235	0.015	435684	SHF	NM_001013829_2_-_1
Gpr31b	-1.636	-0.511	0.662	1.606	-1.289	-0.556	-0.699	0.485	-0.397	0.238	436440	GPR31	NM_001013832_17_-_1
Prkg1	-4.981	-4.981	-4.284	-4.899	-4.682	-4.844	-4.684	-4.826	-4.981	-4.981	19091	PRKG1	NM_001013833_19_-_1
Dyrk2	3.549	2.562	2.989	2.479	3.502	2.894	3.797	3.214	4.276	4.054	69181	DYRK2	NM_001014390_10_-_1
Adgrf3	-4.981	-4.981	-1.626	-0.969	-0.123	-0.245	-1.211	-3.099	-4.981	-3.210	381628	ADGRF3	NM_001014394_5_-_1
Zfp985	-3.668	3.846	-4.845	2.157	-2.984	2.731	-4.867	2.521	-4.981	3.784	433804	ZNF616	NM_001014397_4_+_1
Treg1	-3.563	-2.681	-4.981	-4.981	-4.586	-4.826	-3.749	-4.979	-4.981	-4.981	541610	NA	NM_001014398_9_+_1
Abi3bp	-4.981	-4.981	-4.742	-3.290	-4.114	-3.417	-3.131	-3.668	-4.981	-3.481	320712	NA	NM_001014399_16_+_1
Abi3bp	-4.981	-4.981	-4.981	-4.976	-4.964	-4.905	-4.975	-4.924	-4.981	-4.957	320712	NA	NM_001014422_16_+_1
Abi3bp	-2.483	-4.981	-4.981	-4.979	-4.979	-4.979	-4.981	-4.980	-4.981	-4.981	320712	NA	NM_001014423_16_+_1
Abi3bp	-4.981	-4.981	-4.981	-4.977	-4.970	-4.949	-4.918	-3.099	-4.981	-4.961	320712	NA	NM_001014424_16_+_1
Scn2b	1.307	1.012	1.760	3.046	3.255	3.902	3.283	2.809	-0.478	0.027	72821	SCN2B	NM_001014761_9_+_1
493040N11Rik	-1.292	-2.153	-1.026	-1.717	-1.364	-1.432	-0.820	-2.183	0.525	-0.488	432479	C19orf71	NM_001014836_10_-_1
Zmynd12	-1.933	-4.981	-4.485	-4.842	-4.781	-4.229	-4.976	-4.904	-4.981	-4.342	332934	ZMYND12	NM_001014900_4_+_1
Snx13	4.707	4.725	5.698	5.661	5.594	5.995	5.482	5.429	5.655	6.068	217463	SNX13	NM_001014973_12_+_1
Ttll4	1.378	1.136	3.653	3.342	2.068	1.125	2.038	2.351	2.544	2.433	67534	TLL4	NM_001014974_1_+_1
Espl1	0.667	0.928	2.754	2.703	4.825	4.561	4.245	3.301	4.236	3.954	105988	ESPL1	NM_001014976_15_+_1
Wdr7	3.641	3.784	3.497	3.646	3.916	4.015	3.932	4.043	4.785	5.229	104082	WDR7	NM_001014981_18_+_1
Fam189b	2.881	2.970	3.555	3.476	3.235	3.826	3.230	3.626	3.387	3.465	68521	FAM189B	NM_001014995_3_+_1
Cenpj	1.928	1.699	2.320	1.954	3.098	2.662	2.576	1.939	2.533	2.039	219103	CENPJ	NM_001014996_14_-_1
Zfyve28	1.521	1.009	-0.516	-1.003	2.022	0.914	2.044	3.241	3.901	4.676	231125	ZFYVE28	NM_001015039_5_-_1
Rap1gap2	3.389	3.574	1.341	2.024	3.900	3.628	5.329	5.177	6.756	6.699	380711	RAP1GAP2	NM_001015046_11_-_1
G2e3	2.856	2.609	2.838	3.209	3.559	3.102	3.488	3.173	2.731	3.363	217558	G2E3	NM_001015099_12_+_1
Vprbp	3.479	3.329	1.195	1.974	1.270	1.534	1.803	2.289	1.251	1.996	321006	DCAF1	NM_001015507_9_+_1
E130308A19Rik	2.889	3.397	2.204	2.196	2.092	2.209	2.221	3.054	1.798	1.745	230259	NA	NM_001015681_4_+_1
Tyw1	4.335	4.623	4.073	4.261	4.420	4.361	4.210	4.564	4.821	4.781	100929	TYW1	NM_001015876_5_+_1
Taf9	3.183	3.402	2.947	3.198	3.832	3.510	2.964	2.491	2.580	2.424	108143	TAf9	NM_001015889_13_+_1
Ear4	-4.981	-3.293	-4.977	-4.977	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	53877	NA	NM_001017422_14_+_1
Kdm6b	4.141	4.244	4.957	4.778	5.406	5.570	5.534	5.024	4.579	4.851	216850	KDM6B	NM_001017426_11_-_1
Cox17	6.823	6.664	6.849	6.745	6.626	6.843	6.750	6.321	5.120	5.056	12856	COX17	NM_001017429_16_+_1
Btbd11	-2.274	-4.981	-4.189	-4.936	-3.517	-4.645	-2.437	-3.411	-2.871	-3.498	74007	BTBD11	NM_001017525_10_+_1
Zscan18	1.626	2.145	-0.956	0.057	0.906	1.566	-0.102	0.767	-1.951	-0.622	232875	ZSCAN18	NM_001017955_7_-_1
Lamp2	7.086	7.095	5.244	5.495	4.570	4.867	5.862	6.255	7.508	7.482	16784	LAMP2	NM_001017959_X_-_1
Ddi2	4.860	4.921	4.714	4.732	5.735	5.963	5.222	5.575	6.296	6.435	68817	DDI2	NM_001017966_4_-_1
Zdhc18	2.984	3.236	3.714	3.870	3.985	4.194	4.269	4.845	4.339	4.768	503610	ZDHC18	NM_001017968_4_-_1
Foxred2	4.435	4.686	2.388	1.414	2.979	2.594	3.456	2.917	5.314	4.941	239554	FOXRED2	NM_001017983_15_-_1
C2cd3	4.137	4.419	5.018	4.987	4.711	4.387	4.383	4.428	4.866	5.164	277939	C2CD3	NM_001017985_7_+_1
Izumol1	-0.572	-1.106	-3.248	-4.309	-3.586	-4.291	-4.616	-4.506	-2.158	-2.795	73456	IZUMO1	NM_001018013_7_+_1
Sp3	4.626	4.378	4.784	4.806	5.124	4.649	4.950	5.343	5.921	6.057	20687	SP3	NM_001018042_2_-_1
Cox1b	3.406	3.176	5.481	5.731	3.086	2.927	2.776	4.610	2.702	3.107	553127	FAM127C	NM_001018063_X_-_1
Trim15	-2.739	-4.981	-4.178	-4.389	-4.853	-4.367	-4.521	-4.923	-2.450	-4.139	69097	TRIM15	NM_001024134_17_-_1
Kbtbd7	2.789	3.084	3.741	3.759	3.196	3.507	3.525	3.012	4.188	4.128	211255	KBTBD7	NM_001024135_14_+_1
Anks6	1.581	2.164	-1.437	0.365	1.122	1.478	-0.957	-0.818	-2.736	-0.585	75691	ANKS6	NM_001024136_4_-_1
Pla2g4d	-0.772	-0.035	-4.944	-0.027	-2.673	6.125	-4.732	1.099	-4.981	-4.981	78390	PLA2G4D	NM_001024137_2_-_1
Fbxo10	-0.251	0.483	2.327	2.468	2.617	2.279	1.620	1.800	2.427	2.722	269529	FBXO10	NM_001024142_4_-_1
Pla2g4f	2.107	5.347	1.349	3.098	3.108	5.734	-0.132	1.533	-4.981	-4.981	271844	PLA2G4F	NM_001024145_2_-_1
Nufip2	5.576	5.674	6.399	6.018	6.298	6.080	6.231	6.154	6.406	6.736	68564	NUFIP2	NM_001024205_11_+_1
Trappc1	6.866	6.779	6.663	6.672	6.291	6.367	6.593	6.537	6.381	6.163	245828	TRAPPC1	NM_001024206_11_+_1
Gm5431	-0.239	0.354	1.672	1.296	1.929	2.566	3.699	3.900	5.260	4.797	432555	NA	NM_001024230_11_-_1
Crls1	4.513	4.690	4.600	4.935	4.011	4.169	3.969	4.212	3.239	3.865	66586	CRLS1	NM_001024385_2_+_1
Add1	5.263	5.557	6.085	6.140	5.847	5.809	6.082	6.314	6.777	6.814	11518	ADD1	NM_001024458_5_+_1
Bcat1	-1.800	-3.662	-4.824	-1.798	-4.103	-1.871	-4.154	-2.552	-4.981	-4.981	12035	BCAT1	NM_001024468_6_-_1
Diras2	0.229	1.275	-3.198	-2.850	-4.172	-1.100	-3.641	-0.017	-3.491	-0.635	68203	DIRAS2	NM_001024474_13_-_1
Cdhr3	-0.893	-4.981	-3.557	-3.041	4.470	4.915	1.888	-0.094	-4.981	-4.316	68764	CDHR3	NM_001024478_12_-_1
Dcun1d2	2.470	2.603	2.083	1.682	1.174	1.965	0.521	1.758	1.683	2.241	102323	DCUN1D2	NM_001024504_8_-_1
Brd9	5.153	4.746	4.642	4.417	5.193	4.728	5.109	4.461	4.741	4.568	105246	BRD9	NM_001024508_13_+_1
Fam149b	3.656	3.396	2.232	2.378	2.163	2.461	2.410	2.267	2.547	2.887	105428	FAM149B1	NM_001024512_14_+_1
Larp4	4.756	4.970	5.537	5.474	5.271	5.057	5.392	5.053	5.285	5.585	207214	LARP4	NM_001024526_15_+_1
Snx32	2.391	2.587	1.810	1.588	2.245	2.591	1.310	1.375	2.171	2.491	225861	SNX32	NM_001024560_19_-_1
Cep170b	1.782	2.092	2.433	2.199	1.290	1.132	0.506	0.287	-1.080	-0.044	217882	CEP170B	NM_001024602_12_+_1
Ankrd28	4.047	4.335	1.208	1.893	1.716	2.356	1.759	2.192	2.550	2.594	105522	ANKRD28	NM_001024604_14_-_1
Pdp2	2.860	2.533	2.889	2.550	2.509	2.100	2.660	2.354	2.498	2.526	382051	PDP2	NM_001024606_8_+_1
Rabl6	4.658	4.572	4.805	4.786	5.014	4.944	5.070	4.892	5.177	5.085	227624	RABL6	NM_001024616_2_-_1
Inpp4b	1.548	2.727	-0.004	1.065	2.278	2.024	1.434	1.627	0.723	1.692	234515	INPP4B	NM_001024617_8_+_1
Tsku	-4.981	-4.981	-4.959	-4.959	-4.662	-4.257	-3.371	-4.325	-4.981	-4.981	244152	TSKU	NM_001024619_7_-_1
Pcnp	6.181	6.206	6.261	5.952	6.110	5.878	6.171	5.901	5.734	5.864	76302	PCNP	NM_001024622_16_-_1
Cdkl5	-0.802	-2.437	1.185	1.013	-1.046	-1.639	-0.950	-0.613	-0.224	-1.027	382253	CDKL5	NM_001024624_X_-_1
Zfp873	2.756	3.066	3.184	3.290	3.325	3.084	3.204	3.042	1.598	2.739	408062	NA	NM_001024626_10_+_1
Carmil3	-4.981	-4.981	-0.583	-1.864	1.943	1.001	-0.575	-2.447	-3.925	-4.981	268747	CARMIL3	NM_001024645_14_+_1
Methig1	-4.981	-4.981	-4.990	-3.873	-4.823	-4.007	-4.223	-2.885	-4.981	-1.054	554292	NA	NM_001024672_15_+_1
Ifnl2	-3.090	-4.981	-4.946	-4.946	-4.940	-4.940	-4.926	-4.953	-4.981	-4.981	330496	IFNL3	NM_001024673_7_-_1
Cpa2	-4.981	-1.370	0.726	0.561	-0.370	-0.767	-0.294	-1.888	-4.394	-4.342	232680	CPA2	NM_001024698_6_+_1
Zbtb45	2.467	2.610	2.968	3.090	3.380	2.890	3.365	3.078	3.843	3.695	232879	ZBTB45	NM_001024699_7_-_1

C1ql4	-4.981	-4.981	-4.609	-4.317	-2.870	-4.311	-4.515	-4.934	-4.981	-4.981	239659	C1QL4	NM_001024702_15_-1
Mctp2	7.723	7.995	-2.540	0.665	-0.230	2.548	-1.250	2.620	1.757	3.970	244049	MCTP2	NM_001024703_7_-1
Gm5458	-4.981	-4.981	-4.830	-4.977	-4.978	-4.962	-4.981	-4.981	-4.981	-4.981	432825	NA	NM_001024706_14_-1
Gm3696	3.010	2.168	0.609	-4.051	-4.946	-0.764	-4.962	-4.489	-4.981	-4.940	100042149	NA	NM_001024712_14_-1
Triobp	4.938	5.071	5.323	5.468	4.719	4.590	4.658	4.794	5.698	5.374	110253	TRIOBP	NM_001024716_15_+1
Gal3st3	-3.530	-2.191	-4.262	-4.462	-3.895	-4.044	-4.084	-4.762	-3.373	-4.160	545276	GAL3ST3	NM_001024717_19_+1
Ifi214	-0.383	-1.430	-2.807	-1.118	-1.724	0.199	-1.724	1.495	-0.030	1.075	545384	IFI16	NM_001024721_1_-1
Zfp607a	2.834	3.267	2.923	3.026	3.394	3.542	3.338	3.320	3.418	3.469	545938	ZNF780A	NM_001024726_7_+1
C330021F23Rik	0.902	0.501	0.994	0.619	0.528	-0.086	1.128	0.265	0.063	0.038	546049	NA	NM_001024728_8_+1
Gm20939	2.318	2.989	1.670	1.660	1.726	1.851	1.959	1.435	0.936	1.512	100044193	NA	NM_001024731_17_+1
Cebpz	5.455	5.318	6.155	5.956	6.553	6.204	6.388	5.841	5.866	5.278	12607	CEBPZ	NM_001024806_17_-1
Adarb1	-4.045	-2.957	-4.436	-3.267	-3.707	-3.842	-3.435	-3.922	-4.137	-3.165	110532	ADARB1	NM_001024837_10_-1
Gm128	-2.134	-3.267	-2.219	-3.757	-1.521	-4.071	-0.506	-3.858	-1.589	-2.923	229588	C1orf56	NM_001024841_3_-1
Zfp62	2.128	-0.744	3.223	2.032	2.314	2.594	1.879	0.087	1.783	1.674	22720	ZFP62	NM_001024846_11_+1
Apol7b	-4.981	-4.981	-1.404	-1.606	-3.964	-1.498	-3.750	0.553	-4.981	-1.830	278679	NA	NM_001024848_15_-1
Gm14325	2.417	2.875	2.838	2.884	2.792	3.122	2.951	3.135	2.577	3.218	329575	ZNF442	NM_001024849_2_-1
Timm9	2.479	2.314	0.558	1.263	0.261	0.291	0.899	0.681	-0.363	0.540	30056	TIMM9	NM_001024853_12_-1
Timm9	2.548	2.485	2.157	1.727	1.369	1.332	1.500	1.664	0.908	0.881	30056	TIMM9	NM_001024854_12_-1
Ttbk2	-2.944	2.182	2.163	2.133	1.043	2.030	0.494	1.630	1.498	2.465	140810	TTBK2	NM_001024856_2_-1
Ttbk2	-1.872	2.613	-0.310	0.802	-0.390	1.382	0.239	2.193	1.451	2.072	140810	TTBK2	NM_001024857_2_-1
Sept10	0.267	-1.433	-0.924	-1.213	-0.954	-4.735	-0.680	-0.635	0.796	-3.571	103080	SEPT10	NM_001024910_10_-1
Sept10	2.196	1.640	1.538	1.297	1.733	2.006	2.929	1.478	3.278	2.900	103080	SEPT10	NM_001024911_10_-1
N4bp2	2.238	2.271	3.212	3.503	3.083	3.060	2.442	2.439	2.611	3.018	333789	N4BP2	NM_001024917_5_+1
Rfx4	-3.843	-4.890	-4.751	-4.958	-4.971	-4.971	-4.981	-4.981	-4.981	-4.981	71137	RFX4	NM_001024918_10_+1
Bod1	4.431	3.717	3.436	3.152	3.633	3.254	3.875	3.394	3.564	3.243	69556	BOD1	NM_001024919_11_-1
Trp53i13	5.595	5.791	2.940	2.567	4.432	4.687	4.137	3.495	2.999	2.439	216964	TP53I13	NM_001024920_11_-1
DDx49	5.878	5.739	5.233	5.239	5.101	4.940	4.958	5.065	4.914	4.674	234374	DDX49	NM_001024922_8_-1
Cyb5d2	3.256	3.325	2.978	3.360	3.314	3.426	3.299	3.137	3.043	2.988	192986	CYB5D2	NM_001024926_11_-1
Zfp667	-0.655	0.216	-0.508	-0.582	-0.387	0.788	0.491	1.251	0.386	1.748	384763	ZNF667	NM_001024928_7_+1
Pilrb2	2.941	-0.052	1.514	1.548	3.869	4.561	5.571	5.962	5.698	5.878	545812	PILRB	NM_001024932_5_-1
Qsox1	0.995	1.789	1.134	0.207	0.234	-0.725	0.656	0.403	2.506	1.951	104009	QSOX1	NM_001024945_1_-1
Zfp563	2.455	2.437	1.769	1.755	1.780	2.201	1.688	1.502	1.647	2.284	240068	ZNF563	NM_001024950_17_+1
Rc3h1	4.326	4.540	4.318	4.245	4.437	4.391	4.440	4.377	4.022	4.470	381305	RC3H1	NM_001024952_1_+1
Pbx4	0.328	0.088	-1.289	-1.010	-0.940	0.055	-1.148	0.118	-1.976	-2.407	80720	PBX4	NM_001024954_8_+1
Pik3r1	-4.981	-4.981	-2.650	-1.893	-2.705	-1.402	-4.195	-1.687	-2.209	-2.109	18708	PIK3R1	NM_001024955_13_-1
Lrig2	4.043	3.657	3.670	3.130	3.651	3.394	3.666	3.704	4.207	4.126	269473	LRIG2	NM_001025067_3_-1
Rhox7a	-4.981	-2.681	-4.495	-4.958	-4.113	-1.921	-4.876	-4.818	-4.981	-4.981	547168	NA	NM_001025086_X_+1
Atf2	4.021	4.041	3.621	3.463	3.590	3.779	3.551	3.720	3.822	4.090	11909	ATF2	NM_001025093_2_-1
Arl14ep	4.061	3.690	3.868	3.803	3.751	4.076	3.701	3.456	3.776	3.937	212772	ARL14EP	NM_001025102_2_-1
Cracr2b	-2.205	-2.681	0.217	-0.190	-2.893	-3.073	-1.497	-1.466	2.153	1.269	213573	CRACR2B	NM_001025103_7_+1
Ccdc93	2.709	1.981	4.191	3.642	3.656	3.688	3.820	3.781	4.151	4.477	70829	CCDC93	NM_001025156_1_+1
Zfp78	1.212	1.804	-0.686	-0.123	0.374	0.709	-0.432	-0.467	0.650	1.250	330463	ZNF471	NM_001025163_7_+1
Cxadr	-0.344	-0.156	-4.903	-3.706	-2.439	-0.381	-3.782	-2.963	-0.913	-3.855	13052	CXADR	NM_001025192_16_+1
Mbp	4.852	5.169	6.625	6.653	6.438	6.543	6.906	6.826	8.767	8.409	17196	MBP	NM_001025245_18_+1
Trp53i11	6.466	6.849	2.406	2.127	3.250	3.133	2.429	3.912	0.010	0.223	277414	TP53I11	NM_001025246_2_+1
Vegfa	-4.981	-4.542	-4.528	-4.870	-4.741	-4.192	-2.252	-4.215	-4.704	-4.454	22339	VEGFA	NM_001025102_2_-1
Mbp	-4.981	-4.794	-4.789	-4.792	-4.957	-4.976	-4.299	-2.746	-4.924	-2.378	17196	MBP	NM_001025251_18_+1
Mbp	-4.981	-4.761	-4.909	-3.947	-4.841	-4.973	-2.181	-4.938	-4.929	-4.727	17196	MBP	NM_001025254_18_+1
Mbp	-4.981	-4.689	-3.734	-2.157	-4.878	-4.078	-2.981	-1.965	-4.789	-1.851	17196	MBP	NM_001025255_18_+1
Mbp	-4.981	-4.563	-4.683	-3.671	-3.122	-2.325	-2.589	-1.420	-0.701	-0.003	17196	MBP	NM_001025256_18_+1
Vegfa	-4.981	-2.030	-4.932	-2.235	1.610	-0.834	2.715	0.336	1.251	1.319	22339	VEGFA	NM_001025257_17_-1
Mbp	-4.981	-4.599	-2.988	-4.382	-1.712	-4.914	-2.389	-4.806	-1.177	-0.275	17196	MBP	NM_001025258_18_+1
Mbp	-4.981	-4.056	-0.666	-3.417	-1.902	-1.773	-2.120	-3.760	1.443	-0.200	17196	MBP	NM_001025259_18_+1
Tpd52	-1.559	-0.565	-4.734	-4.908	-2.695	-4.863	-1.407	-4.938	-1.386	-1.982	21985	TPD52	NM_001025261_3_-1
Tpd52	-2.160	1.971	0.519	1.303	4.326	5.098	2.727	2.550	1.633	2.961	21985	TPD52	NM_001025262_3_-1
Tpd52	-0.092	1.279	-0.027	-1.364	-0.867	0.195	-2.675	-0.991	-2.105	-0.169	21985	TPD52	NM_001025263_3_-1
Tpd52	4.567	4.258	2.320	2.295	2.846	2.855	3.372	3.362	4.385	4.078	21985	TPD52	NM_001025264_3_-1
Dffa	3.891	4.153	3.725	4.376	4.257	4.588	3.793	4.072	3.406	4.232	13347	DFFA	NM_001025296_4_+1
Stx3	1.996	-2.823	1.343	-1.941	1.077	-3.740	1.457	-2.907	2.018	-0.581	20908	STX3	NM_001025307_19_-1
Pja2	4.151	4.315	4.518	4.576	3.497	3.448	3.738	3.883	4.824	4.855	224938	PJA2	NM_001025309_17_-1
St6galnac6	-2.140	-1.415	1.386	1.270	2.329	1.462	1.403	1.611	3.650	3.645	50935	ST6GALNAC6	NM_001025310_2_+1
St6galnac6	-4.463	-0.615	0.218	1.492	1.582	1.428	2.698	2.427	3.574	3.699	50935	ST6GALNAC6	NM_001025311_2_+1
Dclre1b	1.353	0.783	0.331	-0.617	0.068	-0.450	0.320	0.273	1.997	1.322	140917	DCLRE1B	NM_001025312_3_-1
Tapbp	8.364	8.354	8.456	8.551	7.960	8.087	7.996	8.185	8.730	8.412	21356	TAPBP	NM_001025313_17_+1
Klc1	-2.130	0.288	-3.093	-2.599	-1.644	-3.608	-4.107	-4.528	0.304	-1.528	16593	KLC1	NM_001025358_12_+1
Klc1	1.375	-0.522	0.168	-0.313	-1.005	0.324	-1.061	-1.012	0.901	0.214	16593	KLC1	NM_001025359_12_+1
Klc1	3.468	3.456	3.536	3.724	3.314	3.268	3.479	3.623	4.596	5.425	16593	KLC1	NM_001025360_12_+1
Klc1	1.911	2.126	2.181	2.022	2.426	1.912	0.749	1.347	3.756	3.473	16593	KLC1	NM_001025361_12_+1
Klc1	-1.827	-1.833	0.490	-1.997	-1.064	-1.600	-0.802	-0.720	1.574	2.037	16593	KLC1	NM_001025362_12_+1
Klc1	-1.898	0.307	0.459	-0.355	-0.113	-2.574	-0.204	-0.926	-0.013	0.436	16593	KLC1	NM_001025363_12_+1
Rtn2	-4.981	-4.981	-4.943	-1.832	-4.656	-4.405	-3.762	-4.311	-4.981	-4.981	20167	RTN2	NM_001025364_7_+1
Miip	5.316	5.068	4.731	4.225	5.367	4.637	5.306	4.506	5.258	4.164	28010	MIIP	NM_001025365_4_-1
Serinc4	-2.836	-2.758	-2.647	-4.097	-3.357	-3.034	-3.358	-3.627	-1.219	-2.696	574418	SERINC4	NM_001025371_2_-1
Zfp943	4.852	5.026	4.226	3.977	4.438	4.421	4.667	4.321	4.197	4.952	74670	NA	NM_001025373_17_+1

Wdr61	4.532	4.609	4.212	4.164	4.008	3.992	4.085	3.735	3.266	3.456	66317	WDR61	NM_001025375_9_-1
Wdr61	3.532	3.764	3.093	3.355	2.318	3.012	2.395	2.641	1.577	2.723	66317	WDR61	NM_001025376_9_-1
Orc2	2.764	-1.677	-4.684	-3.086	-0.572	-4.708	-0.095	-3.854	-0.904	-1.250	18393	ORC2	NM_001025378_1_-1
Sema3g	-4.981	-4.981	-3.096	-3.757	-4.965	-4.844	-4.981	-4.981	-4.981	-4.981	218877	SEMA3G	NM_001025379_14_+1
Fam196b	2.050	1.956	2.081	2.282	2.781	2.537	2.627	1.495	2.925	2.325	574403	FAM196B	NM_001025382_11_+1
Gm14685	-0.011	-0.398	-4.981	-4.981	-4.769	-4.923	-4.981	-4.981	-4.981	-4.476	574404	NA	NM_001025383_dup1_X_+1
Gm14685	-1.295	-1.063	-4.981	-4.981	-4.759	-4.693	-4.934	-4.957	-4.981	-4.476	574404	NA	NM_001025383_X_-1
DXBay18	-3.718	-3.590	-4.981	-4.981	-4.926	-4.976	-4.981	-4.981	-4.981	-4.827	574405	NA	NM_001025384_dup1_X_+1
DXBay18	-4.133	-3.645	-4.981	-4.981	-4.925	-4.964	-4.980	-4.980	-4.981	-4.827	574405	NA	NM_001025384_X_-1
Eno1b	1.121	6.273	1.432	6.786	2.281	7.920	2.736	8.281	3.835	9.070	433182	ENO1	NM_001025388_18_+1
Eno1b	3.317	-4.039	4.325	-4.525	5.929	-4.717	6.394	-4.585	7.543	-4.232	433182	ENO1	NM_001025388_4_+1
Sufu	1.766	2.564	2.652	2.353	2.963	2.471	2.729	2.379	3.013	2.830	24069	SUFU	NM_001025391_19_+1
Bclaf1	5.419	5.582	6.130	6.257	5.790	6.291	5.602	5.783	5.524	5.950	72567	BCLAF1	NM_001025392_10_+1
Bclaf1	5.700	5.599	6.044	5.572	5.660	5.220	5.378	5.185	4.773	4.953	72567	BCLAF1	NM_001025393_10_+1
Src	1.192	1.104	1.978	2.202	-0.834	-1.384	-2.092	-1.686	-2.177	-1.828	20779	SRC	NM_001025395_2_+1
Depdc5	-0.143	1.408	0.615	0.582	2.066	2.519	1.686	1.553	1.828	1.463	277854	DEPDC5	NM_001025426_5_+1
Hmga1	2.070	0.655	1.027	-1.084	0.742	1.110	1.008	1.068	2.339	-0.015	15361	HMGA1	NM_001025427_17_+1
Spag9	-3.663	-2.597	-3.496	-3.168	-4.263	-4.560	-3.520	-4.566	-3.985	-4.190	70834	SPAG9	NM_001025428_11_+1
Spag9	-3.644	-2.579	-3.386	-2.986	-2.267	-2.151	-3.252	-4.527	-3.971	-4.142	70834	SPAG9	NM_001025429_11_+1
Spag9	0.212	0.777	1.136	0.361	1.212	0.353	0.618	-0.549	0.575	0.238	70834	SPAG9	NM_001025430_11_+1
Btb3	2.640	-0.268	3.539	2.931	1.913	1.710	2.335	2.818	1.121	3.237	228662	NA	NM_001025431_2_+1
Crebbp	5.098	5.402	5.344	5.272	5.770	5.606	5.650	5.465	5.598	5.630	12914	CREBBP	NM_001025432_16_-1
Camk2d	2.745	3.333	4.461	4.421	4.550	4.702	4.428	5.030	6.694	6.825	108058	CAMK2D	NM_001025438_3_+1
Camk2d	-2.427	-0.930	-1.606	-4.107	-2.057	-0.892	-0.888	-0.987	0.633	0.236	108058	CAMK2D	NM_001025439_3_+1
Aptx	4.849	4.970	4.547	4.359	3.810	3.564	3.873	3.539	3.313	3.533	66408	APTX	NM_001025444_4_-1
Aptx	3.597	3.834	1.942	2.122	2.519	3.038	1.530	2.353	2.522	1.916	66408	APTX	NM_001025445_4_-1
Sox6	-4.981	-2.910	-4.687	-3.396	-4.478	-0.602	-4.461	-4.404	-3.655	-4.580	20679	SOX6	NM_001025559_7_-1
Sox6	-4.981	-3.417	-4.825	-4.825	-4.751	-4.965	-4.814	-4.886	-4.981	-4.764	20679	SOX6	NM_001025560_7_-1
Pus1	-0.246	0.327	-0.119	-0.178	-1.166	-0.620	-1.032	-1.548	-0.562	-0.305	56361	PUS1	NM_001025561_5_-1
Pus1	3.992	3.552	4.009	4.003	3.611	3.407	3.224	3.448	3.195	2.538	56361	PUS1	NM_001025562_5_-1
Pde1c	-4.085	-4.173	-4.796	-4.973	-4.882	-4.978	-4.742	-4.959	-4.981	-4.981	18575	PDE1C	NM_001025568_6_-1
Prrx1	-4.981	-4.981	-4.938	-4.938	-4.995	-4.822	-4.968	-4.734	-4.981	-4.981	18933	PRRX1	NM_001025570_1_-1
Sh2d2a	-1.671	-3.070	-4.026	-0.491	-1.220	0.547	-0.395	1.935	-1.932	-2.911	27371	SH2D2A	NM_001025571_3_+1
Ankrd12	6.722	6.785	7.000	6.738	6.066	5.945	5.858	5.678	4.631	4.664	106585	ANKRD12	NM_001025572_17_-1
Slc23a4	0.935	0.507	0.525	-0.912	-1.363	-4.202	-2.183	-1.897	-4.981	-4.981	243753	NA	NM_001025573_6_-1
Cfhr2	-4.981	-4.981	-4.799	-4.822	-4.981	-4.981	-4.944	-4.682	-4.006	-2.571	545366	NA	NM_001025575_1_-1
Ccdc141	-4.981	-4.981	-5.015	-3.073	-3.696	-3.705	-4.714	-4.343	-2.614	-2.392	545428	CCDC141	NM_001025576_2_-1
Maf	1.191	-0.384	0.708	1.248	0.609	0.138	1.440	3.099	2.418	3.786	17132	MAF	NM_001025577_8_-1
Dram2	2.355	1.330	2.204	2.119	2.348	1.283	3.230	2.652	3.908	3.366	67171	DRAM2	NM_001025582_3_+1
Nr2c2ap	6.269	6.198	5.257	5.182	5.368	5.261	4.942	4.437	4.177	3.553	75692	NR2C2AP	NM_001025586_8_+1
Nr2c2ap	4.935	4.567	3.718	3.567	3.812	3.413	3.402	2.934	3.059	2.136	75692	NR2C2AP	NM_001025587_8_+1
Rfxank	5.011	5.007	3.266	3.429	3.963	4.062	3.902	3.495	3.599	3.451	19727	RFXANK	NM_001025589_8_-1
Zbtb43	2.368	2.937	2.951	2.803	3.002	2.790	3.402	3.237	3.859	4.155	71834	ZBTB43	NM_001025594_2_-1
Ikzf1	5.487	5.714	5.259	5.157	6.367	6.330	5.804	5.490	5.432	5.703	22778	IKZF1	NM_001025597_11_+1
Trim26	4.424	5.057	4.864	4.804	4.927	4.947	4.498	4.872	4.191	4.236	22670	TRIM26	NM_001025599_17_+1
Cadm1	1.743	3.413	3.290	2.915	-3.863	-0.760	-1.615	0.267	-1.123	-4.445	54725	CADM1	NM_001025582_3_+1
Il1rl1	-4.981	-4.981	-3.294	-2.130	-2.139	-1.673	1.188	2.466	-0.722	-1.510	17082	IL1RL1	NM_001025602_1_+1
Gm527	0.911	1.236	1.047	0.937	0.408	0.374	0.235	-0.046	0.908	1.214	217648	C14orf28	NM_001025605_12_+1
Tmem171	-4.981	-3.408	-4.265	-2.448	-4.570	-3.064	-2.186	-2.869	-3.043	-3.449	380863	TMEM171	NM_001025606_13_-1
Szrd1	3.993	3.735	4.043	4.172	3.769	4.046	4.222	4.127	4.215	4.081	213491	SZRD1	NM_001025608_4_-1
Ms4a7	-1.718	-4.981	-1.279	-2.368	-2.242	-1.473	0.792	1.958	0.007	-0.128	109225	MS4A7	NM_001025610_19_-1
Snx22	0.357	0.323	8.103	8.297	3.539	5.011	2.942	4.754	0.266	0.462	382083	SNX22	NM_001025612_9_-1
Otud7b	-3.979	-0.560	-1.772	-0.479	-1.351	-3.482	-2.062	-0.580	-2.703	-4.454	229603	OTUD7B	NM_001025613_3_+1
Otud7b	3.715	3.447	2.574	2.338	1.453	1.030	-0.409	1.497	0.788	0.824	229603	OTUD7B	NM_001025614_3_+1
Ccdc50	3.591	3.333	3.323	3.191	3.634	3.324	4.433	3.846	4.776	4.958	67501	NA	NM_001025615_16_+1
Cant1	2.232	2.441	-0.285	2.764	1.853	1.706	1.486	2.182	2.017	3.420	76025	CANT1	NM_001025617_11_-1
Cant1	0.329	1.572	0.194	0.640	0.907	1.011	1.663	0.751	-1.061	2.193	76025	CANT1	NM_001025618_11_-1
Cdc6	0.702	0.396	2.933	3.600	3.797	3.369	2.515	3.513	1.750	1.455	23834	CDC6	NM_001025779_11_+1
Dnm1l	4.283	4.526	5.356	5.556	5.194	4.957	5.049	4.694	3.508	4.423	74006	DNM1L	NM_001025947_16_-1
Dnajc19	3.526	3.918	2.762	2.639	2.654	2.408	2.721	2.825	2.682	3.047	67713	DNAJC19	NM_001026211_3_-1
Ensa	5.845	6.262	6.184	6.560	6.060	6.212	6.174	6.762	6.857	7.237	56205	ENSA	NM_001026212_3_+1
Entpd5	0.922	1.942	2.930	3.399	2.489	2.221	1.981	3.177	2.646	3.038	12499	ENTPD5	NM_001026214_12_-1
Npnt	-4.981	-4.981	-4.874	-4.942	-4.971	-4.970	-4.975	-4.969	-4.981	-4.981	114249	NPNT	NM_001029836_3_-1
Pik3cd	6.254	5.763	5.724	5.351	7.287	6.918	6.705	6.089	6.956	6.194	18707	PIK3CD	NM_001029837_4_-1
Slc16a6	6.478	6.372	7.111	7.273	7.822	8.078	7.831	7.750	8.126	8.268	20491	SLA	NM_001029841_15_-1
Slc16a6	0.000	-0.625	1.345	0.793	0.265	1.864	-0.922	1.554	1.448	0.939	104681	SLC16A6	NM_001029842_11_-1
Vrk1	4.483	4.021	4.213	4.603	5.542	5.258	5.395	4.999	4.137	4.434	22367	VRK1	NM_001029843_12_+1
Vrk1	6.093	6.108	6.740	6.558	7.383	6.896	7.337	7.051	6.829	6.523	22367	VRK1	NM_001029844_12_+1
Mag11	-4.981	-4.981	-4.978	-4.978	-4.981	-4.981	-4.932	-3.529	-4.981	-4.955	14924	MAG11	NM_001029850_6_-1
Psme2	7.715	7.539	7.857	8.156	7.313	7.268	7.244	6.916	5.247	5.766	19188	PSME2	NM_001029855_14_-1
Atad5	1.901	2.054	3.133	3.311	4.615	3.984	3.660	3.312	2.220	2.084	237877	ATAD5	NM_001029856_11_+1
Pdzd4	2.248	2.314	-3.477	-3.501	-3.842	-3.540	-3.162	-3.554	-4.689	-4.888	245469	PDZD4	NM_001029868_X_-1
Irgad	4.574	5.715	2.666	4.206	3.847	4.971	3.528	5.117	1.651	2.218	381924	ITGAD	NM_001029872_7_+1
Unc13a	-0.040	-1.306	-1.440	-2.582	-1.786	-1.941	-0.332	-2.307	-2.569	-3.758	382018	UNC13A	NM_001029873_8_-1

Urb2	1.389	1.792	2.026	2.508	2.297	1.872	2.254	2.105	2.664	2.878	382038	URB2	NM_001029876_8_+1
Lonrf2	-4.981	-4.981	-4.952	-4.952	-4.917	-3.861	-4.981	-4.981	-4.981	-4.981	381338	LONRF2	NM_001029878_1_-1
Usf3	3.722	3.836	4.494	4.328	4.013	3.965	4.271	4.213	4.707	4.610	207806	USF3	NM_001029889_16_+1
Mex3a	-2.205	-2.060	-1.034	-1.808	0.125	-0.974	-0.819	-3.140	-4.981	-4.981	72640	MEX3A	NM_001029890_3_+1
Ate1	1.882	2.313	2.677	2.473	2.672	2.652	2.019	1.573	1.585	1.174	11907	ATE1	NM_001029895_7_-1
Zswim5	-4.981	-4.981	-4.970	-3.817	-3.625	-4.199	-4.924	-4.354	-4.981	-4.981	74464	ZSWIM5	NM_001029912_4_+1
Zmynd15	0.806	-2.600	4.334	4.783	2.529	2.533	4.283	3.228	-2.295	-1.010	574428	ZMYND15	NM_001029929_11_+1
Gm5796	-1.107	-2.424	-2.363	-4.319	-4.924	-1.853	-4.908	-4.130	-4.981	-4.316	545007	NA	NM_001029930_14_+1
Zfp114	-0.402	-4.981	-2.764	-2.645	-1.291	-3.200	-3.457	-4.848	-3.690	-3.241	232966	NA	NM_001029933_7_+1
Usp32	3.447	3.049	4.744	4.399	3.902	4.186	4.301	4.283	4.715	4.502	237898	USP32	NM_001029934_11_-1
Trim38	-4.981	-4.981	-3.516	-3.370	-4.925	-4.222	-4.965	-3.942	-4.981	-4.981	214158	TRIM38	NM_001029935_13_+1
Specc1	-4.947	-0.595	-3.113	-3.803	-1.974	-2.309	-4.663	-3.244	-4.635	-4.886	432572	SPECC1	NM_001029936_11_+1
Rilp	-1.389	-4.981	-0.870	-0.677	-2.436	-3.693	0.629	0.889	2.323	2.321	280408	RILP	NM_001029938_11_+1
Gm4788	-4.981	-4.981	-4.980	-4.980	-4.981	-4.981	-4.981	-4.980	-4.879	-4.815	214403	NA	NM_001029977_1_-1
Tceal3	-4.981	-4.981	-4.925	-3.150	-4.712	-3.410	-4.964	-2.494	-4.981	-4.981	594844	TCEAL6	NM_001029978_X_+1
Safb2	5.336	5.674	5.618	5.640	6.059	5.951	5.737	5.530	5.648	5.523	224902	SAFB2	NM_001029979_17_-1
Sec23ip	4.585	4.498	5.569	5.200	4.796	4.781	4.899	5.044	5.664	5.729	207352	SEC23IP	NM_001029982_7_+1
Man1b1	4.728	4.230	5.402	4.898	4.291	3.776	3.937	3.725	3.818	3.439	227619	MAN1B1	NM_001029983_2_+1
Fcrlb	-4.981	-3.315	2.846	-4.473	-1.565	-4.559	-0.596	-1.960	-1.543	-4.981	435653	FCRLB	NM_001029984_1_-1
Kcp	-4.981	-4.981	-0.093	0.765	-2.517	-2.221	-2.401	-3.104	-4.981	-4.981	333088	KCP	NM_001029985_6_-1
Fat2	-4.981	-4.981	-4.981	-4.981	-1.187	-1.776	-0.096	-1.428	-4.981	-4.981	245827	FAT2	NM_001029988_11_-1
Mettl17	4.658	4.745	4.431	4.674	4.513	4.870	4.158	4.540	3.940	4.051	52535	METTL17	NM_001029990_14_+1
Zc3h18	2.705	2.605	3.053	3.480	3.392	3.086	2.738	3.413	4.136	4.033	76014	ZC3H18	NM_001029993_8_+1
Zc3h18	3.342	3.079	3.525	3.316	3.666	3.834	3.830	3.426	4.191	4.148	76014	ZC3H18	NM_001029994_8_+1
Mcat	5.041	4.783	4.402	4.515	4.378	4.508	4.207	4.211	3.761	3.463	223722	MCAT	NM_001030014_15_-1
Ndufs5	6.650	1.624	5.399	0.821	5.252	0.473	5.621	0.101	4.382	0.055	595136	NA	NM_001030274_4_-1
Record_removed	-4.981	-4.981	-4.780	-4.488	-3.318	-3.905	-4.148	-2.842	-3.491	-4.981	Record_removeNA	Record_removeNA	NM_001030289_9_+1
Olfm4	-4.981	-4.981	-4.985	-4.810	-4.974	-1.497	-4.851	-3.895	0.256	-4.981	380924	OLFM4	NM_001030294_14_+1
Prr7	-3.099	-3.315	-2.194	-3.429	-3.419	-3.430	-2.463	-3.465	-3.925	-3.011	432763	PRR7	NM_001030296_13_+1
Dkc1	5.954	6.066	5.816	6.083	5.386	5.603	5.212	5.843	3.847	4.193	245474	DKC1	NM_001030307_X_+1
Abca17	1.176	-4.981	1.751	0.233	0.158	-4.582	-2.058	-4.408	-2.284	-4.981	381072	NA	NM_001031621_17_-1
Gsk3a	3.775	3.668	4.649	4.576	5.066	4.974	4.829	4.831	5.825	5.643	606496	GSK3A	NM_001031667_7_-1
Mrpl41	6.265	6.150	5.605	5.525	5.383	5.523	5.375	5.309	4.254	3.997	107733	MRPL41	NM_001031808_2_-1
Smg1	5.203	5.153	5.652	5.572	6.197	6.121	5.721	5.518	5.180	5.438	233789	SMG1	NM_001031814_7_-1
Bglap2	-0.774	-1.409	-4.863	-4.975	-4.978	-4.978	-4.981	-4.981	-4.981	-4.981	12097	BGLAP	NM_001031667_7_-1
Pecam1	3.524	3.147	3.327	3.103	4.243	3.968	3.208	3.443	2.006	1.720	18613	PECAM1	NM_001032378_11_-1
Pear1	-3.980	-3.554	-4.617	-4.233	-4.269	-4.858	-4.041	-4.534	-4.821	-4.751	73182	PEAR1	NM_001032413_3_-1
Pear1	-3.063	-2.666	-4.183	-2.939	-4.973	-4.248	-3.413	-1.352	-4.639	-4.530	73182	PEAR1	NM_001032414_3_-1
Klhdc9	3.325	3.460	2.171	2.037	2.660	3.381	1.976	2.111	2.221	1.350	68874	KLHDC9	NM_001033039_1_-1
Ccdc189	0.903	1.517	1.231	1.603	1.244	1.772	0.754	0.942	0.477	0.887	233899	CCDC189	NM_001033040_7_-1
Acmsd	-3.843	-3.267	-2.867	-2.179	-4.246	-1.809	-2.812	-1.791	-4.981	-2.152	266645	ACMSD	NM_001033041_1_+1
Lrrc14b	-0.921	-3.165	-0.982	-2.081	-1.944	-3.394	-2.713	-1.351	-0.310	-0.582	432779	LRRC14B	NM_001033042_13_-1
Rnf17	0.105	-4.981	-1.420	-4.049	-1.585	-3.156	-0.844	-3.317	-1.585	-1.865	30054	RNF17	NM_001033043_14_+1
Cd69	8.730	8.934	3.346	4.396	5.155	5.175	5.703	6.377	3.276	3.841	12515	CD69	NM_001033122_6_-1
Gm14288	-3.307	0.360	-2.105	-0.651	0.199	-0.422	-0.771	-2.578	-1.257	-1.197	13999	NA	NM_001033123_2_+1
Gm14288	3.335	0.592	1.891	0.046	0.860	-0.360	0.718	-1.401	-0.205	-3.300	13999	NA	NM_001033123_dup1_2_-1
Gm14288	3.179	0.592	1.194	0.117	1.115	-0.994	0.779	-1.329	-0.205	-4.375	13999	NA	NM_001033123_dup2_2_+2
Ntrk1	-0.476	-0.568	-4.957	-4.957	-4.981	-4.981	-4.969	-4.954	-4.981	-2.969	18211	NTRK1	NM_001033124_3_-1
Cd27	1.349	-0.017	-0.556	-0.376	-1.084	1.452	-0.460	2.774	-1.109	-1.863	21940	CD27	NM_001033126_6_-1
Bbs1	0.514	-0.099	-1.523	-3.383	-1.957	-1.769	-2.697	-0.689	-2.934	-4.165	52028	BBS1	NM_001033128_19_-1
Commd6	7.338	7.503	6.052	5.981	5.777	5.855	5.769	5.737	5.166	5.172	66200	NA	NM_001033132_14_-1
Rnf149	5.881	5.824	5.825	5.511	7.740	7.741	7.835	7.498	8.272	8.267	67702	RNF149	NM_001033135_1_-1
Rmdn3	5.235	5.307	4.495	4.831	4.361	4.658	4.145	4.515	4.137	4.364	67809	RMDN3	NM_001033136_2_-1
Al846148	2.735	2.536	2.951	3.118	3.196	3.236	2.942	2.717	3.415	3.440	68229	C11orf84	NM_001033139_19_-1
Sdhaf1	6.004	5.691	5.815	5.721	6.722	6.214	6.757	5.740	4.428	4.315	68332	SDHAF1	NM_001033140_7_-1
Ecsr	-1.174	-4.981	-4.951	-4.002	-4.455	-4.343	-4.727	-4.037	-4.981	-4.981	68545	ECSCR	NM_001033141_18_-1
Rnf166	6.728	6.564	6.351	6.202	6.986	7.122	7.232	7.259	7.738	7.593	68718	RNF166	NM_001033142_8_-1
1190002N15Rik	5.087	5.697	4.662	4.567	3.567	3.745	3.940	4.150	4.056	4.394	68861	C3orf58	NM_001033145_9_-1
1700029J07Rik	1.585	2.037	-1.431	-0.936	0.183	1.000	-2.299	-0.471	-2.180	-2.384	69479	C4orf47	NM_001033148_8_-1
Ttc9	-4.981	-0.777	-4.440	-4.989	-1.727	-2.075	-2.642	-3.096	-4.981	-4.981	69480	TTC9	NM_001033149_12_+1
Plekhn2	3.155	3.282	4.213	3.951	4.114	3.991	4.258	3.933	4.039	3.690	69582	PLEKHM2	NM_001033150_4_-1
Dnajb14	5.401	5.543	5.401	5.412	4.675	4.854	4.995	4.974	5.352	5.367	70604	DNAJB14	NM_001033155_3_+1
Fbxo33	4.931	4.399	4.525	4.305	4.815	4.658	4.612	4.480	4.955	5.116	70611	FBXO33	NM_001033156_12_-1
5730507C01Rik	-2.121	-1.294	-1.337	-2.672	-1.747	-3.228	-1.752	-4.028	-1.434	-2.264	236366	NA	NM_001033157_12_+1
Rasl12	-2.483	-4.981	-3.321	-3.371	2.317	1.999	-0.767	-1.894	-2.989	-4.981	70784	RASL12	NM_001033158_9_+1
Zfp597	2.959	2.279	3.854	3.759	4.148	3.994	3.541	3.261	3.771	4.146	71063	ZNF597	NM_001033159_16_-1
Tradd	5.484	5.546	4.797	4.825	4.616	4.635	4.674	4.746	4.835	4.702	71609	TRADD	NM_001033161_8_-1
Shcbp1l	-1.681	-0.387	-0.252	-2.419	-0.365	-0.145	-0.040	-1.884	-1.250	-0.277	71836	SHCBP1L	NM_001033162_1_+1
Ephx3	-2.842	-1.773	-4.053	-3.231	-4.727	-4.763	-4.510	-4.950	-4.981	-2.208	71932	EPHX3	NM_001033163_17_-1
2510002D24Rik	5.592	5.688	4.507	4.683	5.139	5.365	4.601	4.789	2.556	2.649	72307	NA	NM_001033164_16_+1
Dnajc25	4.245	3.757	3.445	3.287	4.224	3.992	3.941	3.503	3.159	3.440	72429	DNAJC25	NM_001033165_4_+1
2700094K13Rik	5.778	5.568	5.909	5.751	5.961	5.896	5.989	5.407	4.002	3.918	72657	SELENOH	NM_001033166_2_-1
Slc22a23	3.039	3.277	4.245	4.199	1.712	2.163	0.953	1.862	-0.064	0.248	73102	SLC22A23	NM_001033167_13_-1
1700066B19Rik	0.563	-2.997	-0.230	-1.707	-0.168	-1.240	-1.065	-2.162	-1.734	-2.094	73449	NA	NM_001033168_18_+1

Fam83e	-2.573	-4.981	-4.986	-4.205	-3.612	-3.625	-2.430	-4.442	-4.981	-3.480	73813	FAM83E	NM_001033170_7_+1
Klrg2	-4.981	-4.981	1.614	1.575	-4.703	-4.509	-2.428	-0.130	-2.523	0.194	74253	KLRG2	NM_001033171_6_-1
Rab11fip2	4.100	3.662	3.465	2.586	3.486	3.051	3.101	2.038	2.023	1.389	74998	RAB11FIP2	NM_001033172_19_-1
Usp31	2.009	1.581	3.224	2.499	2.270	2.086	2.632	2.509	2.904	3.051	76179	USP31	NM_001033173_7_-1
Osbp	4.523	4.507	5.008	5.074	4.968	4.864	5.227	5.348	6.368	6.487	76303	OSBP	NM_001033174_19_+1
Cln6	3.946	4.254	3.656	3.885	2.542	3.009	3.862	4.333	5.123	5.109	76524	CLN6	NM_001033175_9_+1
Slc6a21	-1.262	-1.460	-4.981	-4.981	-4.973	-4.973	-4.819	-4.981	-4.190	-4.981	76713	NA	NM_001033176_7_+1
Tmem181a	4.795	4.894	4.622	4.698	4.062	4.162	3.865	4.023	4.574	4.324	77106	TMEM181	NM_001033178_17_+1
Jrkl	2.413	2.380	3.443	3.215	2.982	3.094	3.041	3.003	3.473	3.849	77532	JRKL	NM_001033181_9_-1
Skap1	-1.947	-4.409	-4.284	-1.460	-2.433	-0.197	-0.625	1.579	-2.453	-4.883	78473	SKAP1	NM_001033186_11_+1
C77080	-4.183	-4.108	-4.701	-4.946	-4.714	-4.937	-4.742	-4.935	-4.500	-4.817	97130	KIAA1522	NM_001033189_4_-1
Fam8a1	0.705	1.911	0.448	0.821	0.508	0.696	-0.025	0.700	0.953	1.918	97863	FAM8A1	NM_001033192_13_+1
Gtf3c3	3.132	2.993	3.475	3.651	3.600	3.580	3.395	3.575	3.900	4.205	98488	GTF3C3	NM_001033194_1_-1
Znfx1	2.607	2.241	5.276	5.083	4.732	4.345	4.819	4.316	6.398	5.802	98999	ZNFX1	NM_001033196_2_-1
Ncbp1	5.536	5.354	5.461	5.341	5.697	5.715	5.430	5.468	5.296	5.352	433702	NCBP1	NM_001033201_4_+1
Usp30	2.890	3.073	2.671	2.651	2.176	2.392	2.233	1.968	2.996	2.865	100756	USP30	NM_001033202_5_+1
Rpusd3	2.582	2.708	1.072	1.597	2.281	2.057	1.504	1.686	0.791	1.011	101122	RPUSD3	NM_001033204_6_-1
Zfp575	-0.721	1.186	-2.082	-1.868	-2.593	-2.626	-2.676	-2.528	-1.780	-1.824	101544	ZNF575	NM_001033205_7_-1
Pwvwp2b	0.442	-1.689	1.015	0.595	-3.398	-4.042	0.663	-0.337	2.569	2.358	101631	PWWP2B	NM_001033206_7_+1
Nlrc5	5.240	4.288	6.575	6.610	5.395	4.811	5.650	4.907	5.251	4.483	434341	NLRC5	NM_001033207_8_+1
Myzap	5.603	5.569	2.193	3.196	-0.030	1.229	-0.780	1.020	-4.981	-3.758	102371	MYZAP	NM_001033208_9_-1
Xylb	-1.248	-1.176	-0.373	0.210	-0.993	-0.782	0.320	0.689	0.970	1.815	102448	XYLB	NM_001033209_9_+1
Pls1	2.141	2.244	-1.288	-0.785	-3.459	-3.114	-1.553	0.517	-0.398	-0.641	102502	PLS1	NM_001033210_9_-1
Rprml	-4.981	-4.981	-4.948	-4.948	-4.935	-3.954	-4.944	-3.301	-3.322	-4.981	104582	RPRML	NM_001033212_11_+1
Ttc7b	3.417	3.389	5.093	5.262	3.621	3.878	4.052	4.053	4.457	4.421	104718	TTC7B	NM_001033213_12_-1
Prickle1	-0.903	0.133	-1.129	-2.822	-1.394	-3.794	-2.752	-1.124	-0.777	-2.447	106042	PRICKLE1	NM_001033217_15_-1
Slc45a4	2.680	3.442	3.131	3.342	4.494	4.927	4.197	4.597	3.891	4.543	106068	SLC45A4	NM_001033219_15_-1
AU021092	-0.414	-4.981	-4.977	-4.977	-4.801	-4.726	-4.834	-2.994	-2.356	-2.750	239691	C16orf89	NM_001033220_16_-1
G6b	-3.668	-2.583	-4.176	-2.789	-4.330	-3.725	-1.970	-4.989	-1.908	-2.694	106722	C6orf25	NM_001033221_17_-1
Pdzd8	5.716	4.683	4.819	4.527	5.133	5.065	4.967	4.717	5.206	5.072	107368	PDZD8	NM_001033222_19_-1
Lin7a	-4.981	-4.981	-4.855	-4.881	-4.976	-4.966	-4.645	-4.831	-3.563	-4.981	108030	LIN7A	NM_001033223_10_+1
Pnrc1	8.699	8.800	7.787	7.763	8.215	8.367	8.301	8.178	7.443	7.533	108767	PNRC1	NM_001033225_4_-1
Calr4	-3.428	-2.633	-4.602	-4.986	-4.515	-4.958	-4.900	-4.981	-4.776	-4.672	108802	NA	NM_001033226_4_+1
Itga1	-4.981	-1.668	3.792	3.443	-4.529	-3.955	-0.389	1.795	4.750	4.851	109700	ITGA1	NM_001033228_13_-1
Fam195b	7.452	7.291	6.854	6.744	6.844	6.818	6.906	6.809	6.960	6.661	192173	MCRIP1	NM_001033231_11_-1
Vcpkmt	0.079	0.679	0.345	1.278	0.105	0.048	0.154	-0.012	-0.611	0.720	207965	VCPKMT	NM_001033236_12_-1
Yeats2	1.898	1.082	0.834	0.764	1.545	1.075	0.870	1.572	0.511	1.588	208146	YEATS2	NM_001033237_16_+1
Cblb	4.396	4.416	5.568	5.379	4.928	4.784	4.918	5.151	5.618	5.741	208650	CBLB	NM_001033238_16_+1
Cln5	6.263	6.508	5.543	5.531	4.928	5.031	5.460	5.442	5.974	6.285	211286	CLN5	NM_001033242_14_+1
Ccdc114	-0.387	-0.907	-1.365	-1.078	-2.379	-3.846	-1.651	-1.270	-0.098	0.395	211535	CCDC114	NM_001033243_7_+1
Fancd2	2.213	1.891	1.664	1.128	2.145	1.159	1.056	0.036	1.101	-0.039	211651	FANCD2	NM_001033244_6_+1
Hk3	-4.448	-4.336	5.010	5.072	-0.482	0.411	2.788	2.452	5.676	5.537	212032	HK3	NM_001033245_13_-1
Cfap44	-4.981	-4.981	-4.952	-4.952	-4.546	-4.835	-4.958	-3.819	-4.190	1.463	212517	CFAP44	NM_001033247_16_+1
Gm266	-2.739	-4.981	-4.837	-4.309	-4.947	-4.130	-3.872	-4.978	-4.981	-4.981	212539	NA	NM_001033248_12_-1
Zfp583	1.533	2.282	-0.311	0.983	0.858	1.500	0.344	-0.005	-0.692	1.017	213011	ZNF583	NM_001033249_7_-1
Gpr174	0.766	1.731	-4.755	-1.448	-4.904	-4.814	-2.526	0.079	-4.981	-4.981	213439	GPR174	NM_001033251_X_+1
Plekhg1	-4.981	-2.968	-4.854	-2.400	-4.473	-3.726	-0.962	-0.470	-0.109	0.036	213783	PLEKHG1	NM_001033253_10_+1
Pak6	-0.098	1.063	-4.002	-4.936	-4.917	-4.594	-4.906	-4.688	-4.981	-4.981	214230	PAK6	NM_001033254_2_+1
Spata5l1	1.046	-0.612	1.750	0.526	1.590	1.052	1.712	-0.160	1.993	0.354	214616	SPATA5L1	NM_001033256_2_+1
Phactr2	5.086	5.243	4.557	4.569	3.999	3.675	4.316	4.202	4.774	4.432	215789	PHACTR2	NM_001033257_10_-1
Arfgef3	-4.981	-4.981	-1.702	-0.918	-0.585	-2.304	-1.414	-2.123	-3.196	-2.647	215821	ARFGEF3	NM_001033258_10_-1
Mcu	1.272	2.391	2.464	2.766	2.618	2.952	2.834	2.736	3.201	3.226	215999	MCU	NM_001033259_10_-1
Stox1	0.929	0.716	1.140	0.959	0.077	-0.330	-0.835	-2.192	-4.981	-4.981	216021	STOX1	NM_001033260_10_-1
Zfc3h1	5.068	5.030	6.243	6.177	6.574	6.182	5.795	5.638	5.461	5.492	216345	ZFC3H1	NM_001033261_10_+1
March9	0.246	0.475	-2.243	-1.896	-1.604	-3.439	-3.110	-3.138	-4.981	-4.981	216438	MARCH9	NM_001033262_10_-1
Agap2	-1.396	-2.528	-2.536	-2.591	-2.657	-3.339	-2.560	-2.914	-3.746	-3.695	216439	AGAP2	NM_001033263_10_+1
Gls2	-4.981	-4.144	-4.434	-3.023	-4.704	-4.691	-4.380	-3.417	-4.598	-4.981	216456	GLS2	NM_001033264_10_+1
Gm525	0.233	-0.978	-4.028	-4.250	-4.954	-4.896	-4.972	-4.600	-4.981	-4.981	217071	C17orf67	NM_001033266_11_+1
Qrich2	-3.668	-4.981	-1.368	-2.457	-3.500	-4.600	-1.933	-4.965	-2.267	-4.981	217341	QRICH2	NM_001033267_11_-1
Fam120a	5.852	5.855	6.407	6.429	6.166	6.203	6.371	6.385	7.069	7.253	218236	FAM120A	NM_001033268_13_-1
Slc4a7	4.825	4.454	6.334	5.681	4.468	4.509	5.127	4.964	5.248	5.387	218756	SLC4A7	NM_001033270_14_+1
Tmem55b	7.257	7.278	7.021	6.983	7.354	7.473	7.155	7.173	7.579	7.148	219024	TMEM55B	NM_001033271_14_-1
Spata13	4.503	4.811	4.546	4.500	4.861	4.923	6.030	5.758	6.170	5.782	219140	SPATA13	NM_001033272_14_+1
5031439G07Rik	6.177	6.614	7.198	7.204	7.873	8.053	7.433	7.365	8.166	7.865	223739	KIAA0930	NM_001033273_15_-1
Brd1	5.898	5.551	5.360	5.296	5.666	5.704	5.762	5.620	6.106	6.239	223770	BRD1	NM_001033274_15_-1
Gxylt1	4.443	4.319	5.362	5.334	5.639	5.833	5.545	5.336	5.516	5.642	223827	GXYLT1	NM_001033275_15_-1
Kmt2d	5.069	5.005	5.519	5.518	6.457	6.349	5.668	5.603	5.976	6.061	381022	KMT2D	NM_001033276_15_-1
Spryd3	4.008	3.820	4.355	4.491	4.658	4.480	4.329	4.399	5.398	5.203	223918	SPRYD3	NM_001033277_15_-1
D17Wsu92e	4.370	4.101	5.020	4.927	4.303	4.182	4.884	4.840	6.284	5.826	224647	C6orf106	NM_001033279_17_-1
BC026585	3.587	3.870	3.142	3.919	3.034	2.628	3.054	3.373	2.012	3.173	226527	NA	NM_001033284_1_+1
Cdc42bpa	-0.095	-0.307	-3.526	0.156	-0.683	0.459	-3.011	-0.421	-3.288	-0.481	226751	CD42BPB	NM_001033285_1_+1
Slc30a10	-4.981	-4.981	-4.961	-3.837	-4.986	-1.929	-4.941	-2.284	-4.981	-1.368	226781	SLC30A10	NM_001033286_1_+1
Sbspon	1.102	2.598	-4.695	-3.862	-4.905	-4.900	-4.974	-4.128	-4.981	-4.316	226866	SBSPON	NM_001033288_1_-1
Slc9a2	0.451	-0.473	-0.121	-1.583	1.363	2.294	-0.151	-0.858	-0.293	-1.914	226999	SLC9A2	NM_001033289_1_+1

Gpr55	-0.012	-0.021	-0.935	-0.834	0.061	-0.063	-2.055	-2.131	-2.012	-1.419	227326	GPR55	NM_001033290_1_-1
Usp40	1.995	1.095	0.243	-0.645	0.950	-0.142	0.781	-1.283	-1.344	1.653	227334	USP40	NM_001033291_1_-1
Uap111	6.057	5.026	6.384	5.611	5.294	3.830	5.735	4.335	5.089	2.786	227620	UAP111	NM_001033293_2_-1
Ddx31	3.469	3.352	3.178	3.481	3.304	3.386	3.281	3.390	3.553	3.745	227674	DDX31	NM_001033294_2_+1
Gm561	4.383	4.376	3.331	3.332	3.209	3.428	3.643	3.336	2.685	2.305	228715	NA	NM_001033297_2_+1
Kiz	4.587	4.682	3.428	4.083	3.106	4.075	2.842	4.322	3.929	5.190	228730	KIZ	NM_001033298_2_+1
Zfp217	3.383	2.774	3.194	3.205	3.854	3.041	2.726	2.693	3.413	2.998	228913	ZNF217	NM_001033299_2_-1
Gmps	6.156	6.211	6.150	6.153	5.996	5.743	6.073	6.096	6.215	6.208	229363	GMPS	NM_001033300_3_+1
Fhdc1	-4.981	-3.410	-4.401	-1.540	-3.780	-0.179	-3.444	-0.373	-1.049	-1.990	229474	FHDC1	NM_001033301_3_-1
Ciart	2.333	1.831	0.958	0.977	1.837	1.752	0.810	1.731	0.527	0.235	229599	CIART	NM_001033302_3_-1
Ampd1	-4.981	-4.981	-4.228	-3.561	-2.409	-2.961	-4.189	-1.449	-2.351	-4.981	229665	AMPD1	NM_001033303_3_+1
5330417C22Rik	-4.981	-2.895	-3.020	-2.626	-1.882	-2.017	-4.006	-3.959	-4.981	-3.167	229722	KIAA1324	NM_001033304_3_-1
Ndufb6	7.397	7.056	6.475	6.459	6.132	6.134	6.640	6.406	5.604	5.758	230075	NDUFB6	NM_001033305_4_-1
Shb	2.695	2.702	1.519	1.192	2.774	2.684	2.361	1.600	2.647	2.538	230126	SHB	NM_001033306_4_-1
Themis2	5.754	5.295	7.140	7.096	8.214	8.233	7.797	7.695	8.690	8.666	230787	THEMIS2	NM_001033308_4_-1
Cox18	1.750	3.364	0.409	2.864	0.414	2.795	0.992	2.816	0.894	1.751	231430	COX18	NM_001033310_5_-1
Vsig10	-2.413	-1.015	3.527	3.240	4.168	3.875	3.063	1.888	-0.072	0.233	231668	VSIG10	NM_001033311_5_+1
Fbxl18	0.291	0.559	1.752	1.701	1.734	1.732	1.312	0.959	1.542	1.529	231863	FBXL18	NM_001033312_5_-1
Pdap1	5.246	5.070	5.129	5.124	5.201	5.153	5.586	5.099	4.605	4.279	231887	PDAP1	NM_001033313_5_-1
Ccdc61	3.104	3.006	2.533	2.403	3.378	3.017	3.020	2.684	3.248	3.086	232933	CCDC61	NM_001033314_7_-1
Ffar3	-4.981	-4.981	-4.216	-3.542	-2.082	-0.775	-2.177	-4.099	-3.373	-4.981	233080	FFAR3	NM_001033316_7_-1
Cog7	4.374	4.434	3.869	4.228	4.657	4.834	4.428	4.231	4.561	4.602	233824	COG7	NM_001033318_7_-1
Ppfia1	4.073	4.225	4.660	4.572	4.831	4.851	4.599	4.694	5.134	4.995	233977	PPFIA1	NM_001033319_7_-1
Carmil2	1.558	1.413	-0.930	-0.359	0.853	1.058	-0.792	0.824	-1.602	-1.173	234695	CARMIL2	NM_001033320_8_+1
Tmem231	3.618	3.883	3.416	3.499	4.431	4.436	3.464	2.332	-4.981	-2.208	234740	TMEM231	NM_001033321_8_-1
Gucy1a2	-3.843	-3.315	-4.690	-4.225	-4.380	-4.869	-4.802	-4.499	-4.981	-4.981	234889	GUCY1A2	NM_001033322_9_+1
Record_remove	-4.981	-4.981	-4.966	-4.966	-4.523	-3.640	-3.787	-3.254	-4.981	-4.981	Record_remove	NA	NM_001033323_9_+1
Zbtb16	-3.414	-4.981	-2.883	-3.693	1.131	-2.228	2.646	-0.788	3.418	1.162	235320	ZBTB16	NM_001033324_9_-1
Tmem185a	4.754	4.841	3.498	3.705	3.895	3.936	3.696	3.904	4.474	4.469	236848	TMEM185A	NM_001033328_X_-1
Arhgef9	-3.085	-0.655	-1.754	-3.380	-2.790	-0.900	-4.772	-1.589	-4.981	-1.997	236915	ARHGFE9	NM_001033329_X_-1
Gas2l3	-1.175	1.923	1.351	0.522	-0.884	-2.168	0.462	0.028	2.046	2.032	237436	GAS2L3	NM_001033331_10_-1
Tmtc3	-4.817	-1.954	-0.863	2.124	-1.873	-0.321	-3.686	-1.977	-0.544	-4.981	237500	TMTC3	NM_001033332_10_-1
Serpina3f	-0.357	-4.672	-0.673	-4.844	-1.333	-4.984	0.553	-4.768	-4.632	-4.854	238393	NA	NM_001033335_12_+1
Abcc4	2.729	1.675	3.768	3.490	3.299	2.539	3.502	3.491	5.260	5.478	239273	ABCC4	NM_001033336_14_-1
Ttc38	3.566	3.219	3.784	3.610	3.739	3.842	3.538	3.559	3.715	3.709	239570	TTC38	NM_001033337_15_+1
Mmp25	-2.573	-4.981	1.276	2.990	0.163	1.949	0.218	1.162	-0.613	-2.759	240047	MMP25	NM_001033339_17_-1
Zfp407	3.142	2.903	4.131	3.759	4.198	4.014	3.561	3.402	3.951	3.941	240476	ZNF407	NM_001033341_18_-1
Cdc42bpg	0.901	1.158	0.115	-0.819	-0.745	-0.857	-1.177	-0.984	-1.454	-0.433	240505	CDC42BPG	NM_001033342_19_+1
Sec31b	-1.199	-2.365	-1.075	-2.410	-0.575	-1.963	-0.606	-1.479	1.595	0.455	240667	SEC31B	NM_001033343_19_-1
Catip	-3.349	-2.160	0.302	-0.554	-4.895	-4.976	-2.115	-2.251	-1.107	-0.342	241112	NA	NM_001033345_1_+1
Lrrc55	-4.981	-4.981	-4.981	-4.981	-4.960	-4.960	-4.182	-4.766	-4.981	-4.981	241528	LRRC55	NM_001033346_2_-1
Ralgapa2	2.487	3.135	2.586	2.135	3.052	2.677	2.868	2.663	3.974	4.084	241694	RALGAPA2	NM_001033348_2_-1
Ankub1	1.642	0.880	-4.640	-4.965	-2.696	-4.333	-4.629	-3.620	-4.981	-4.981	242037	ANKUB1	NM_001033349_3_-1
Bank1	2.978	0.310	3.139	4.549	4.998	6.402	4.450	6.356	2.878	3.335	242248	BANK1	NM_001033350_3_-1
Grin3a	-4.981	-3.598	-3.924	-4.872	-4.337	-4.067	-4.966	-3.828	-4.981	-4.981	242443	GRIN3A	NM_001033351_4_-1
Klhl21	3.158	2.926	2.973	2.796	2.867	3.098	3.110	3.426	4.970	4.849	242785	KLHL21	NM_001033352_4_+1
Zfp568	-1.168	-0.349	0.364	-2.918	-2.946	-0.440	-1.442	-0.300	-0.551	-3.730	243905	NA	NM_001033355_7_+1
Ntn5	-4.981	-4.981	-4.883	-2.990	-1.064	-0.599	-2.877	-3.359	-4.981	-4.981	243967	NTN5	NM_001033356_7_+1
Gm614	-2.388	-4.981	-4.099	-4.059	-0.952	-2.564	-2.762	-3.328	-2.077	-1.991	245536	CXorf65	NM_001033362_X_-1
Dpcr1	-4.981	-4.981	-3.786	-3.282	-4.445	-4.928	-4.981	-4.981	-4.981	-4.981	268949	DPCR1	NM_001033366_17_-1
Nlrc4	-0.727	-2.336	2.490	2.335	4.155	3.773	3.579	3.235	3.726	3.460	268973	NLRC4	NM_001033367_17_-1
Acvr1c	-4.981	-3.534	-4.843	-4.184	-3.199	-3.211	-2.581	-4.780	-4.981	-4.981	269275	ACVR1C	NM_001033369_2_-1
Lrrc36	-4.981	-4.981	-4.508	-3.318	-4.907	-3.841	-4.562	-3.562	-2.174	-2.788	270091	LRRC36	NM_001033371_8_+1
A230046K03Rik	6.175	6.342	6.819	6.593	6.727	6.740	6.482	6.478	6.352	6.747	319277	KIAA1033	NM_001033375_10_+1
A430078G23Rik	0.730	0.881	0.950	0.192	2.251	1.784	2.587	2.397	3.677	3.534	319493	NA	NM_001033378_8_+1
Dcp1b	3.607	3.857	3.205	3.374	3.488	3.406	3.460	3.368	3.376	3.427	319618	DCP1B	NM_001033379_6_+1
Itpril2	2.304	2.264	5.059	4.713	3.192	3.119	3.880	3.918	4.273	4.518	319622	ITPRIL2	NM_001033380_7_-1
Cacna2d4	3.857	4.015	-2.089	-1.404	-1.993	-0.680	-1.952	-0.557	-1.992	-2.228	319734	CACNA2D4	NM_001033382_6_+1
Zfp865	1.255	0.942	0.757	0.221	1.192	1.006	0.626	0.292	1.352	1.460	319748	ZNF865	NM_001033383_7_+1
Tbc1d32	2.169	1.956	2.686	1.986	2.737	1.822	2.728	2.197	1.583	2.070	544696	TBC1D32	NM_001033385_10_-1
Fubp3	1.627	1.119	0.826	1.528	1.808	0.282	0.665	0.965	2.374	2.932	320267	FUBP3	NM_001033389_2_+1
Ipcf1	-4.981	-2.513	-0.100	-1.166	-3.672	-3.998	-3.188	-3.588	-0.750	-4.006	320495	IPCF1	NM_001033391_10_-1
Tmem104	2.693	1.570	3.235	2.747	3.879	3.120	4.745	4.183	6.668	6.049	320534	TMEM104	NM_001033393_11_+1
Tmem88b	-3.506	-2.811	-3.956	-1.784	-4.200	-4.211	-4.522	-4.277	-3.738	-3.621	320587	TMEM88B	NM_001033394_4_-1
Gfod1	2.559	3.580	3.396	3.163	2.585	2.996	1.421	2.001	1.554	1.466	328232	GFOD1	NM_001033399_13_-1
Trem1	4.447	-2.681	0.992	1.097	-0.657	0.362	1.559	1.492	2.951	1.554	328833	TREM1	NM_001033405_17_+1
Rbm44	-2.013	-4.981	-0.487	-3.270	-0.225	-4.918	-0.216	-4.895	-1.973	-4.981	329207	RBM44	NM_001033408_1_+1
Lgr6	-4.981	-4.981	-4.941	-3.938	-4.452	-4.788	-4.953	-4.359	-3.109	-4.227	329252	LGR6	NM_001033409_1_-1
Gm829	-4.981	-4.981	-4.821	-4.973	-4.678	-3.930	-4.849	-4.117	-4.981	-4.981	329554	NA	NM_001033411_2_-1
Gm826	3.598	3.688	-4.981	-4.981	-4.971	-4.663	-4.940	-3.689	-4.981	-4.981	329839	NA	NM_001033412_4_+1
Gal3st4	2.477	1.431	0.101	0.502	2.457	2.461	2.202	1.824	2.015	1.493	330217	GAL3ST4	NM_001033416_5_-1
Ceacam16	1.684	1.100	-0.647	-0.548	3.731	4.287	0.989	0.759	-1.816	-1.537	330483	CEACAM16	NM_001033419_7_-1
Dock1	-3.843	-1.645	0.457	2.599	0.739	2.604	3.017	3.592	5.072	5.542	330662	DOCK1	NM_001033420_7_+1
Thoc2	6.105	6.309	6.776	6.713	6.844	6.844	6.739	6.671	6.432	6.740	331401	THOC2	NM_001033422_X_-1

Zscan10	-4.981	-4.981	-4.981	-4.975	-4.981	-4.981	-4.935	-4.510	-4.981	-4.981	332221	ZSCAN10	NM_001033425_17_+1
Trim75	-4.981	-4.981	-3.124	-2.471	-3.382	-4.394	-4.871	-4.704	-4.981	-4.981	333307	NA	NM_001033429_8_-1
Kdm7a	4.268	4.619	6.776	6.653	6.825	6.762	7.092	7.072	8.243	8.752	338523	KDM7A	NM_001033430_6_-1
Nlrp12	-4.981	-4.981	-4.903	-4.133	-4.953	-2.472	-4.027	-1.801	-1.363	-0.688	378425	NLRP12	NM_001033431_7_-1
Heca	2.593	3.418	4.445	4.528	4.279	4.370	4.476	4.779	5.231	5.517	380629	HECA	NM_001033432_10_-1
Tmem102	-4.981	-4.981	-2.016	-1.051	-4.160	-4.349	-4.935	-4.523	-4.981	-3.337	380705	TMEM102	NM_001033433_11_-1
Milr1	5.681	5.834	3.830	3.600	4.819	4.893	4.950	4.955	5.654	5.579	380732	NA	NM_001033435_11_+1
Atxn7l1	4.113	3.784	4.253	4.069	4.046	4.380	3.840	3.944	5.035	4.755	380753	ATXN7L1	NM_001033436_12_+2
Lsmem1	-4.981	-4.981	-4.816	-3.716	-4.927	-3.536	-2.701	-2.192	-4.981	-4.981	380755	LSMEM1	NM_001033437_12_-1
Lrch1	3.408	4.210	3.091	3.329	3.806	3.878	3.065	3.820	3.737	4.026	380916	LRCH1	NM_001033439_14_-1
Alg10b	2.212	2.753	2.488	2.177	2.031	1.932	1.872	1.450	1.863	2.047	380959	ALG10	NM_001033441_15_+1
Gm1604b	-4.981	-4.981	-4.698	-4.613	-4.977	-4.977	-4.900	-4.733	-2.193	-4.519	381059	NA	NM_001033442_17_+1
Gm1604b	-4.981	-4.981	-4.698	-4.613	-4.977	-4.977	-4.900	-4.733	-2.193	-4.519	381059	NA	NM_001033442_dup1_17_-1
Cdkl4	-0.413	-0.622	-1.655	-0.744	-0.720	-0.315	-1.288	-4.120	-0.199	-0.202	381113	CDKL4	NM_001033443_17_-1
Garem1	-1.884	1.239	-4.046	-0.340	-3.424	-0.069	-2.411	0.346	-3.242	1.625	381126	GAREM1	NM_001033445_18_-1
Gm960	-2.842	-4.981	-4.612	-4.983	-4.691	-4.969	-4.335	-4.208	-4.190	-2.895	381196	C11orf80	NM_001033447_19_-1
Ap5b1	2.611	2.819	2.909	2.961	3.298	3.129	2.817	2.751	4.496	4.146	381201	AP5B1	NM_001033448_19_+1
Tmem237	0.209	-0.760	-1.736	-2.953	-0.659	-0.752	-1.160	-1.194	0.581	-0.178	381259	TMEM237	NM_001033449_1_-1
Ifi211	2.886	0.461	6.998	5.503	2.523	2.378	4.968	4.174	7.419	4.874	381308	IFI16	NM_001033450_1_-1
Zfp408	2.431	2.426	3.506	3.206	3.127	2.676	2.771	2.629	3.159	2.828	381410	ZNF408	NM_001033451_2_-1
Pdp1	2.918	3.448	2.713	3.133	1.609	1.770	2.106	1.864	3.003	3.225	381511	PDP1	NM_001033453_4_-1
Nom1	4.219	4.449	4.921	4.986	4.813	4.845	4.558	4.668	4.975	4.621	433864	NOM1	NM_001033457_5_+1
Gm1673	-3.668	-4.981	-2.655	-2.183	-2.479	-3.978	0.196	1.756	3.310	3.586	381633	NA	NM_001033458_5_+1
Record_removed	-4.981	-4.981	-3.076	-2.934	-4.820	-3.451	-4.960	-4.934	-4.981	-4.981	Record_removeNA	Record_removeNA	NM_001033459_5_+1
Tatdn2	1.489	1.527	1.523	0.810	1.695	1.721	1.537	0.860	1.626	0.902	381801	TATDN2	NM_001033463_3_+1
Cracr2a	1.079	1.554	-0.186	-0.880	-0.228	-0.800	-0.853	-1.050	0.697	-0.113	381812	CRACR2A	NM_001033464_6_+1
6430531B16Rik	-3.843	-1.612	1.831	1.950	0.308	0.556	-0.284	-1.023	-1.183	-2.250	381933	NA	NM_001033465_7_-1
Zbtb2	3.401	3.709	3.002	2.871	3.289	3.241	3.184	3.349	4.329	4.456	381990	ZBTB2	NM_001033466_10_-1
Adgrg5	0.077	3.561	2.338	2.088	4.101	5.747	2.250	3.724	-2.057	4.123	382045	ADGRG5	NM_001033468_8_+1
Foxr1	5.037	5.427	-0.524	-0.549	1.881	2.244	0.064	-0.725	-1.950	-1.918	382074	FOXR1	NM_001033469_9_-1
A830080D01Rik	3.624	3.637	4.018	4.017	4.067	4.148	4.170	4.240	3.602	4.309	382252	CXorf23	NM_001033472_X_+1
Atxn7l3b	7.441	7.579	7.153	7.235	7.130	7.338	7.232	7.311	7.048	7.138	382423	ATXN7L3B	NM_001033474_10_-1
Tmed8	3.927	3.760	3.482	3.421	4.057	3.665	3.523	3.253	3.759	3.826	382620	TMED8	NM_001033475_12_-1
Myrf	-3.349	-4.981	-2.267	-2.641	-4.988	-4.459	-4.675	-3.118	-1.069	-0.084	225908	MYRF	NM_001033481_19_-1
Iqgap3	-2.362	-4.981	1.155	1.487	2.343	1.166	2.034	0.439	1.401	0.728	404710	IQGAP3	NM_001033484_3_+1
Mfsd2b	-2.388	0.482	-0.590	1.993	0.344	2.120	-0.178	2.453	1.320	1.114	432628	MFSD2B	NM_001033488_12_-1
Rnf207	-4.981	-4.981	-3.918	-4.167	-4.150	-3.109	-4.963	-3.720	-3.738	-4.981	433809	RNF207	NM_001033489_4_-1
Pusl1	3.709	3.824	3.406	3.229	2.632	2.677	2.593	2.974	2.609	3.117	433813	PUSL1	NM_001033490_4_-1
Adgrf2	-4.981	-4.981	-3.117	-4.925	-4.706	-4.384	-3.754	-4.880	-2.780	-4.981	435529	ADGRF2	NM_001033493_17_-1
Zfp213	2.963	2.850	2.525	2.604	2.696	2.476	2.019	2.292	2.769	2.876	449521	ZNF213	NM_001033496_17_-1
Gramd2	-4.981	-2.437	4.240	4.214	-4.977	-4.483	-3.898	-0.089	-4.394	-4.981	546134	GRAMD2	NM_001033498_9_+1
Kcnk6	1.512	0.459	5.043	5.076	6.022	6.077	5.188	4.577	4.425	4.878	52150	KCNK6	NM_001033525_7_-1
Usp36	2.905	2.534	3.197	2.966	3.196	3.179	3.582	3.324	4.152	3.534	72344	USP36	NM_001033528_11_-1
AW146154	3.079	3.308	2.919	2.613	2.938	3.075	3.101	2.621	1.301	2.537	101835	NA	NM_001033530_7_-1
Klhl32	-1.309	-2.491	-4.976	-4.976	-1.870	-3.087	-4.110	-4.793	-4.981	-4.981	212390	KLHL32	NM_001033531_4_-1
AW554918	2.618	2.421	2.579	2.226	3.171	2.961	3.027	2.406	2.792	2.280	225289	KIAA1328	NM_001033532_9_+1
Ccdc102a	3.454	2.518	6.161	4.541	6.446	6.003	5.944	5.247	4.246	5.455	234582	CCDC102A	NM_001033533_8_-1
Layn	-4.981	-4.981	-4.254	-2.549	-4.894	-4.954	-2.707	-0.539	1.923	2.330	244864	LAYN	NM_001033534_9_-1
Tnfaip8l3	-4.981	-4.981	-1.733	-0.734	-3.688	-1.825	-3.372	-3.999	-2.351	-2.305	244882	TNFAIP8L3	NM_001033535_9_-1
Rfx7	5.347	5.123	5.780	5.565	5.722	5.715	5.102	5.123	4.364	4.583	319758	RFX7	NM_001033536_9_+1
Pgap3	2.476	2.755	0.730	0.966	1.178	1.437	0.815	0.825	0.842	0.645	320655	PGAP3	NM_001033537_11_-1
Bex6	2.854	0.397	1.971	1.489	7.259	7.213	6.261	5.096	2.371	1.709	328660	NA	NM_001033539_16_+1
Gm5113	-0.537	-0.997	-0.162	0.022	-0.201	0.357	0.069	-0.557	1.036	0.337	330503	NA	NM_001033540_7_+1
Gm5127	-4.981	-4.981	-3.703	-4.181	-2.620	-4.242	-2.171	-4.942	-0.911	-1.783	331493	NA	NM_001033541_X_+1
Il2orb	-1.020	0.303	-0.994	-1.799	-1.489	-2.689	-0.735	-1.287	0.217	-0.504	213208	IL2ORB	NM_001033543_9_-1
Dnaaf3	0.592	-1.799	3.036	1.024	2.944	0.777	3.278	0.401	2.307	0.800	436022	DNAAF3	NM_001033548_7_-1
Lrrc8b	-0.068	-0.154	0.527	-0.369	0.525	0.365	2.034	1.738	4.284	4.096	433926	LRRC8B	NM_001033550_5_+1
Zdhhc6	1.331	1.908	1.756	2.137	1.984	2.217	2.486	1.615	2.273	1.834	66980	ZDHHC6	NM_001033573_19_-1
Acsl6	-4.981	-4.981	-4.970	-4.144	-2.909	-4.832	-4.844	-3.409	-4.981	-4.626	216739	ACSL6	NM_001033597_11_+1
Acsl6	-4.981	-4.981	-4.946	-2.500	-4.978	-3.506	-4.891	-2.433	-4.981	-4.004	216739	ACSL6	NM_001033598_11_+1
Acsl6	-4.981	-4.981	-4.938	-3.398	-4.864	-3.204	-4.954	-3.005	-4.981	-4.947	216739	ACSL6	NM_001033599_11_+1
Acsl4	4.047	3.444	3.228	2.686	2.682	0.706	2.707	2.588	2.176	0.987	50790	ACSL4	NM_001033600_X_-1
Acsl3	-2.008	-4.775	1.158	0.213	1.249	0.347	1.658	2.265	1.974	2.261	74205	ACSL3	NM_001033606_1_+1
231006104Rik	3.075	3.427	2.964	2.679	2.963	2.884	2.466	2.433	2.436	2.578	69662	C6orf136	NM_001033630_17_-1
Ifitm6	0.902	-0.100	4.782	4.266	7.939	7.643	8.201	7.262	8.523	7.899	213002	NA	NM_001033632_7_-1
Slc2a13	-4.981	-4.981	-2.064	-4.164	-1.769	-2.094	-4.983	-4.605	-4.981	-4.981	239606	SLC2A13	NM_001033633_15_-1
Zyg11b	3.608	3.869	4.532	4.332	4.249	4.151	4.294	3.874	4.469	4.536	414872	ZYG11B	NM_001033634_4_-1
Prex2	-2.382	-3.286	-1.150	-2.454	-2.804	-3.718	-2.447	-3.916	-3.186	-2.603	109294	PREX2	NM_001033636_1_+1
Pus10	2.979	2.291	2.202	2.398	2.037	2.230	2.280	2.027	2.016	2.207	74467	PUS10	NM_001033654_11_+1
Dnah1	-0.200	-0.752	-1.105	-0.603	-3.695	-1.564	-1.841	-2.017	-4.981	-3.758	110084	DNAH1	NM_001033668_14_-1
Fbxw10	1.882	3.535	0.914	1.894	1.305	2.429	0.618	1.942	0.772	2.116	213980	FBXW10	NM_001033669_11_+1
Evi2a	6.865	7.228	5.517	5.540	6.338	6.807	5.544	5.612	5.134	5.365	14017	EV12A	NM_001033711_11_-1
Mef2a	2.030	2.679	-1.462	-0.946	-0.417	0.049	-0.245	-0.364	3.628	3.464	17258	MEF2A	NM_001033713_7_-1
Tmem2	2.310	1.626	1.516	1.570	2.119	0.212	2.222	2.491	3.407	3.743	83921	TMEM2	NM_001033759_19_+1

4931408C20Rik	-4.981	-4.981	-4.877	-3.839	-4.972	-3.291	-4.589	1.241	-4.981	4.883	210940	NA	NM_001033764_1_-_1
Gm4951	1.029	-4.981	0.068	-2.412	-0.404	-2.620	-0.414	-1.693	-0.938	-2.331	240327	NA	NM_001033767_18_+_1
Pin1rt1	-4.981	-3.408	-4.958	-4.958	-4.978	-4.978	-4.520	-4.958	-4.981	-4.057	241593	NA	NM_001033768_2_-_1
B020031M17Rik	-1.599	-2.316	-4.831	-3.517	-4.961	-4.961	-4.848	-4.973	-4.981	-4.981	333467	NA	NM_001033769_13_-_1
Gm5544	-2.647	-4.981	-1.986	-1.867	-4.050	-4.258	-2.853	-4.230	-2.905	-3.459	433632	NA	NM_001033779_3_+_1
I830077J02Rik	6.500	6.521	6.360	6.285	7.922	8.246	7.073	6.771	5.808	5.950	433638	C1orf162	NM_001033780_3_-_1
Gm5615	-4.981	-4.981	-4.821	-4.973	-4.981	-4.981	-4.461	-4.861	-2.848	-4.342	434396	NA	NM_001033783_9_-_1
Akap14	-1.818	-4.981	-3.478	-4.951	-3.017	-4.216	-4.967	-3.871	-3.750	-3.758	434756	AKAP14	NM_001033785_X_-_1
Gm5820	-4.981	-4.981	-4.503	-3.963	-2.569	-3.134	-2.467	-1.592	-1.690	0.362	545253	NA	NM_001033789_18_+_1
B02004J07Rik	-4.981	-4.981	-4.727	-4.719	-4.305	-4.353	-4.971	-4.977	-4.981	-4.981	545662	NA	NM_001033790_4_-_1
Tmem253	-0.518	-1.399	-3.120	-2.991	-3.243	-3.666	-2.899	-3.984	-4.394	-3.797	619301	TMEM253	NM_001033805_14_+_1
Zfp872	-2.273	-4.981	1.238	-4.892	-0.924	-4.101	-2.152	-4.364	-4.981	-4.981	619310	NA	NM_001033813_9_+_1
Zfp551	0.425	0.674	-1.764	-0.938	-2.421	-0.171	-1.173	-1.162	-4.981	-0.407	619331	ZNF551	NM_001033820_7_-_1
Cpne8	1.386	-0.987	2.093	4.358	0.730	-0.797	-0.028	-0.220	-0.082	0.126	66871	CPNE8	NM_001033851_15_-_1
Rps27a	5.652	5.471	5.479	6.010	5.615	6.172	5.754	5.803	4.732	4.444	78294	RPS27A	NM_001033865_11_-_1
Smagp	0.717	-1.908	4.539	4.447	4.237	4.056	3.951	3.396	2.244	1.430	207818	SMAGP	NM_001033872_15_-_1
Ak8	5.856	6.075	0.494	0.184	-2.625	-2.766	0.039	0.538	2.689	2.472	68870	AK8	NM_001033874_2_+_1
Ctrc	-3.563	-4.981	0.932	0.474	0.680	1.161	-0.081	-2.648	-4.981	-4.342	76701	CTRC	NM_001033875_4_-_1
Adamts17	-4.981	-2.600	-4.754	-4.438	-4.678	-4.046	-4.974	-3.605	-4.256	-4.203	233332	ADAMTS17	NM_001033877_7_+_1
Med22	2.868	2.801	0.649	0.388	0.398	0.420	0.469	-1.326	-1.203	-1.732	20933	MED22	NM_001033908_2_-_1
Trem14	1.858	0.166	6.038	5.875	3.780	3.181	5.209	5.696	4.974	5.554	224840	NA	NM_001033922_17_+_1
Thns12	4.555	3.199	1.454	-0.337	-0.793	-1.828	-0.660	-3.433	-0.877	-4.981	232078	THNSL2	NM_001033929_6_-_1
Rabgap1	0.670	-0.869	1.628	0.541	1.028	-0.879	-0.179	-1.133	-0.074	0.156	227800	RABGAP1	NM_001033960_2_+_1
Ube3a	5.524	5.581	5.785	5.567	5.157	5.243	5.489	4.696	4.589	5.417	22215	UBE3A	NM_001033962_7_+_1
Ak2	4.228	4.098	3.481	3.696	3.344	3.599	3.613	3.670	2.635	2.906	11637	AK2	NM_001033966_4_+_1
H2-Eb2	4.742	3.570	3.660	4.943	6.779	7.035	5.864	4.572	-1.778	-1.753	381091	NA	NM_001033978_17_+_1
Ldlrad2	-3.563	-4.981	-4.221	-4.578	-4.019	-4.722	-4.177	-4.480	-4.981	-4.981	435811	LDLRAD2	NM_001033979_4_-_1
Hbq1b	-3.843	0.213	-3.398	0.943	-2.054	1.242	-1.987	0.764	-4.190	-1.737	544763	HBQ1	NM_001033981_11_+_1
Ncoa4	5.397	5.415	5.144	5.407	5.183	5.118	5.124	5.762	5.566	5.640	27057	NCOA4	NM_001033988_14_+_1
Il17re	-4.981	-4.981	-4.748	-3.435	-4.934	-2.614	-4.844	-3.544	-4.743	-4.364	57890	IL17RE	NM_001034029_6_+_1
Limk2	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.958	-4.511	-4.888	-4.978	16886	LIMK2	NM_001034030_11_-_1
Il17re	-4.981	-4.981	-4.865	-4.092	-4.971	-4.928	-4.934	-4.494	-4.825	-4.851	57890	IL17RE	NM_001034031_6_+_1
Rufy4	-0.511	-1.567	-4.068	-4.315	-4.996	-3.060	-2.397	-3.888	-4.056	-4.393	435626	RUFY4	NM_001034060_1_+_1
Ppp2r1b	-2.134	-0.885	0.302	0.360	-0.096	-0.808	-0.141	-0.774	0.899	1.010	73699	PPP2R1B	NM_001034085_9_+_1
Tnfrsf13	-4.852	-4.981	-0.667	-1.397	-4.254	-3.198	-1.027	0.031	3.421	1.261	619441	TNFSF12-TNFSF13	NM_001034097_11_-_1
Shank1	-3.099	-2.124	-3.228	-2.554	-0.691	-0.035	-1.326	-0.918	-3.750	-2.382	243961	SHANK1	NM_001034115_7_+_1
Ank2	-4.981	-4.981	-3.866	-2.349	-3.302	-4.624	-3.661	-4.580	-4.981	-4.965	109676	NA	NM_001034168_3_-_1
Fam134b	2.126	3.107	3.960	4.148	5.131	5.348	4.197	3.464	3.881	2.506	66270	FAM134B	NM_001034851_15_+_1
Arm2	-1.093	-1.031	-4.967	-3.338	-2.764	-3.870	-2.688	-3.203	-3.109	-4.981	213402	ARM2	NM_001034858_10_-_1
Gm4841	-3.668	-1.739	-3.556	-1.996	-3.806	-2.759	-3.171	-4.149	-4.255	-2.387	225594	NA	NM_001034859_18_-_1
Erch1	3.390	3.394	4.174	4.215	3.768	3.502	4.328	3.861	3.375	3.281	234086	ERCH1	NM_001034862_8_-_1
Pnlcd1	-1.275	-4.981	-1.106	-3.707	-3.429	-4.937	-3.341	-4.578	-1.933	-4.981	240023	PNLCD1	NM_001034866_17_-_1
Pm20d2	-3.843	-4.981	-4.923	-2.791	-4.963	-4.540	-4.096	-3.447	-4.981	-4.981	242377	PM20D2	NM_001034867_4_-_1
Bpifb4	-4.981	-4.981	-4.981	-4.981	-2.628	-3.667	-2.672	-3.912	-4.981	-4.981	381399	BPIFB4	NM_001034875_2_+_1
Ccdc24	-4.981	-1.518	-4.388	-2.513	-4.977	-4.682	-4.981	-4.981	-4.981	-4.981	381546	NA	NM_001034876_4_-_1
Gm5464	-1.179	0.010	0.789	-0.094	-1.677	-0.931	-1.562	-1.802	-0.826	-1.625	432870	NA	NM_001034881_14_+_1
Kbtbd6	-2.295	-4.981	0.372	-0.266	0.480	-0.622	-0.018	-0.422	-0.457	-0.793	432879	KBTBD6	NM_001034882_14_+_1
Pnpla1	-2.559	-4.981	-4.285	-4.780	-4.294	-4.968	-4.730	-4.421	-1.051	-4.981	433091	PNPLA1	NM_001034885_17_+_1
Ermard	-4.981	-4.981	-4.187	-4.083	-3.941	-4.969	-4.512	-3.492	0.455	0.098	381062	ERMARD	NM_001034891_17_+_1
Zfr2	-0.604	-0.559	-1.823	-0.275	-1.677	0.856	-1.936	-2.025	-3.204	-0.523	103406	ZFR2	NM_001034895_10_+_1
Ms4a15	-3.668	-4.981	-4.941	-4.941	-4.013	-3.753	-4.753	-4.973	-4.981	-4.981	545279	MS4A15	NM_001034898_19_-_1
Gm16432	-4.981	-4.981	-1.759	-0.847	-3.795	-3.571	-4.417	-4.764	-4.981	-4.316	545391	NA	NM_001034899_1_+_1
Zfp345	-3.843	0.650	-2.566	-0.043	-2.374	0.209	-2.096	-1.342	-4.981	-0.548	545471	NA	NM_001034900_2_-_1
Mansc4	3.037	1.325	-2.441	-3.648	-3.895	-3.808	-4.380	-5.005	-2.434	-3.797	545893	MANSC4	NM_001034903_6_-_1
Trim43a	-4.981	-4.981	-4.979	-4.395	-4.980	-4.153	-4.753	-4.691	-4.190	-4.316	547109	NA	NM_001034906_9_+_1
Zc3h12b	1.925	2.197	-2.741	-3.603	-1.238	-2.051	-3.582	-4.419	-3.925	-3.855	547176	ZC3H12B	NM_001034907_X_+_1
Gm6034	2.754	1.230	1.159	1.044	1.356	1.169	1.063	0.461	-0.182	-2.016	547347	NA	NM_001034909_17_+_1
Defb42	-1.535	-4.981	-2.337	0.079	1.751	3.265	-0.343	-0.071	-4.981	-4.981	619548	NA	NM_001034910_14_+_1
Sorbs1	-4.626	-4.981	-1.384	-4.906	-1.842	-2.489	-3.033	-0.850	-1.993	-2.512	20411	SORBS1	NM_001034962_19_-_1
Sorbs1	-4.556	-2.611	-1.745	-2.606	-2.170	-1.539	-0.923	-1.751	-0.164	-2.288	20411	SORBS1	NM_001034963_19_-_1
Sorbs1	-0.002	1.812	-1.676	-0.835	-0.162	1.116	-0.280	0.636	1.303	0.966	20411	SORBS1	NM_001034964_19_-_1
Golm1	4.665	5.215	3.025	3.832	1.965	2.876	3.823	4.387	4.848	5.111	105348	GOLM1	NM_001035122_13_-_1
Setd6	4.482	4.320	3.184	3.235	3.850	3.923	3.624	3.759	3.769	3.360	66083	SETD6	NM_001035123_8_+_1
Xpo1	5.301	5.455	5.832	5.909	6.299	6.340	6.114	5.794	5.319	5.679	103573	XPO1	NM_001035226_11_+_1
St3gal5	0.526	4.639	7.018	6.642	5.938	4.956	5.508	4.815	5.579	2.643	20454	ST3GAL5	NM_001035228_6_+_1
Zfp748	2.302	2.549	2.871	2.765	3.069	3.258	3.577	2.938	3.299	3.777	212276	NA	NM_001035231_13_-_1
Trpm3	-2.483	-4.981	-4.981	-4.981	-4.600	-4.018	-3.167	-4.396	-4.981	-2.088	226025	TRPM3	NM_001035244_19_+_1
Trpm3	-4.981	-4.981	-4.398	-4.981	-4.027	-4.698	-4.961	-4.971	-4.981	-4.227	226025	TRPM3	NM_001035246_19_+_1
Zcchc18	4.450	4.318	-0.354	-2.279	0.225	-0.254	-2.095	0.145	-3.964	-1.720	66995	ZCCHC18	NM_001035509_X_+_1
Zcchc18	2.797	0.985	-4.809	-1.612	-1.992	-3.348	-4.612	-0.931	-2.989	-4.970	66995	ZCCHC18	NM_001035510_X_+_1
AU040320	-3.785	-1.333	-2.271	-2.157	-2.335	-2.451	-2.626	-4.150	-1.875	-4.167	100317	KIAA0319L	NM_001035525_4_+_1
AU040320	-1.527	-2.404	-3.237	-3.420	-2.634	-4.049	-3.727	-4.409	-4.873	-1.692	100317	KIAA0319L	NM_001035526_4_+_1
Akap2	1.429	1.560	3.685	3.746	2.701	1.285	0.248	0.652	-4.981	-4.281	11641	AKAP2	NM_001035532_4_+_1
Akap2	-4.456	-3.492	-3.974	-4.513	-4.872	-4.967	-2.585	-1.750	-4.981	-4.214	11641	AKAP2	NM_001035533_4_+_1

Ap2b1	3.047	3.508	4.732	4.771	3.632	3.722	3.597	3.421	3.637	3.752	71770	NA	NM_001035854_11_+_1
Nrbf2	5.578	5.420	5.802	5.846	6.973	6.590	6.003	5.465	5.495	5.401	641340	NRBF2	NM_001036293_10_-_1
Atp2b2	-4.981	0.164	-0.499	-1.033	-0.063	-0.551	-1.080	-4.618	-2.469	-4.981	11941	ATP2B2	NM_001036684_6_-_1
B3gnt8	4.255	4.628	-0.718	-0.859	1.269	1.790	1.843	1.871	3.478	3.587	232984	B3GNT8	NM_001036740_7_+_1
Nacc2	-1.359	-3.982	-2.610	-4.842	-3.758	-4.902	-4.575	-3.365	-1.632	-2.204	67991	NACC2	NM_001037098_2_-_1
Cacnb4	-3.680	-3.194	-4.134	-4.528	-4.624	-4.894	-4.288	-4.790	-4.310	-4.631	12298	CACNB4	NM_001037099_2_-_1
Ccne2	-4.471	-3.471	-3.788	-1.506	-0.442	-2.869	-0.253	-1.918	-1.114	-4.424	12448	CCNE2	NM_001037134_4_+_1
Agap1	0.097	-0.666	0.336	-2.619	1.171	1.086	1.508	0.087	1.465	0.627	347722	AGAP1	NM_001037136_1_+_1
Gm4925	1.634	1.050	-1.818	-1.647	-0.540	-2.408	-0.928	-1.754	-0.662	-1.637	237433	NA	NM_001037166_10_-_1
Tomm40l	4.696	3.719	3.973	3.932	4.238	4.002	4.149	3.759	4.094	3.382	641376	TOMM40L	NM_001037170_1_-_1
Nfatc2	-0.719	-1.830	-0.029	1.130	1.513	1.899	-1.212	-1.404	-1.558	-1.078	18019	NFATC2	NM_001037177_2_-_1
Nfatc2	-4.981	-4.981	-4.975	-4.981	-4.981	-4.981	-4.981	-4.981	-4.874	-4.981	18019	NFATC2	NM_001037178_2_-_1
Samd4	-4.494	-4.630	-4.016	-4.959	-3.539	-4.847	-4.754	-3.007	-4.981	-4.943	74480	SAMD4A	NM_001037221_14_+_1
2700094K13Rik	3.839	3.424	3.400	3.423	3.695	3.395	3.972	3.222	2.451	1.567	72657	SELENOH	NM_001037279_2_-_1
Alpk2	-0.652	-4.981	1.364	0.750	2.458	1.960	0.364	-0.444	-1.532	-3.758	225638	ALPK2	NM_001037294_18_-_1
Piezo1	2.090	1.119	5.578	5.700	5.194	4.899	5.430	5.317	6.055	6.233	234839	PIEZO1	NM_001037298_8_-_1
Fbxo40	-4.981	-4.981	-2.004	-2.575	-2.800	-3.472	-4.740	-4.881	-2.747	-4.981	207215	FBXO40	NM_001037321_16_-_1
Cstf3	2.521	3.176	2.983	2.902	2.605	3.087	2.413	2.677	1.257	1.258	228410	CSTF3	NM_001037326_2_+_1
Slc41a3	-4.608	-4.186	-2.848	-1.731	-2.411	-3.629	0.297	-1.295	-2.635	-1.165	71699	SLC41A3	NM_001037493_6_+_1
Oosp2	-4.981	-4.981	-2.845	-2.648	-4.955	-2.872	-4.973	-3.780	-4.981	-4.981	225922	OOSP2	NM_001037634_19_-_1
Zfp1	4.791	4.395	3.119	2.958	3.377	3.657	3.022	2.612	2.491	2.230	22640	ZFP1	NM_001037665_8_+_1
Zfp27	0.786	2.382	0.669	1.544	1.616	1.730	1.626	0.544	-1.210	1.458	22689	ZNF585A	NM_001037707_7_-_1
Rusc2	-4.981	-2.658	-3.700	-3.980	-4.349	-4.842	-3.868	-4.985	1.084	0.726	100213	RUSC2	NM_001037709_4_+_1
Cgn	-4.981	-4.981	-4.960	-4.053	-4.761	-4.395	-3.936	-4.428	-4.981	-4.981	70737	CGN	NM_001037711_3_-_1
Kcnnh6	-4.981	-4.981	-3.086	-4.987	-3.359	-4.914	-3.424	-4.796	-3.823	-3.210	192775	KCNH6	NM_001037712_11_+_1
Xaf1	5.302	4.928	4.190	3.330	5.863	5.056	6.021	5.020	5.756	4.983	327959	XAF1	NM_001037713_11_+_1
Slc38a6	2.135	2.102	1.445	1.760	1.674	1.799	1.525	1.966	1.467	2.108	625098	SLC38A6	NM_001037717_12_+_1
Btla	4.800	5.908	7.919	8.371	4.595	4.299	5.255	5.521	4.344	1.300	208154	BTLA	NM_001037719_16_+_1
Adam15	1.904	0.905	1.321	1.037	1.514	2.276	3.671	4.354	6.968	7.103	11490	ADAM15	NM_001037722_3_-_1
Adcy7	6.345	6.171	5.778	5.657	6.607	6.715	5.643	5.177	4.824	4.111	11513	ADCY7	NM_001037723_8_+_1
Adcy7	4.796	5.723	5.512	5.360	6.342	6.413	6.349	6.484	7.083	7.028	11513	ADCY7	NM_001037724_8_+_1
Fam117b	4.819	4.695	5.428	5.161	4.837	4.770	5.390	5.459	7.132	6.902	72750	FAM117B	NM_001037725_1_+_1
Creb1	0.332	-3.939	1.253	1.163	-0.004	0.072	1.016	1.617	1.915	2.584	12912	CREB1	NM_001037726_1_+_1
Arhgap25	4.092	4.337	5.457	5.373	5.701	5.475	5.470	5.485	6.166	5.605	232201	ARHGAP25	NM_001037727_6_-_1
Arhgef10	5.495	5.229	3.458	3.666	2.437	2.633	3.305	3.580	2.768	3.147	234094	ARHGEF10	NM_001037736_8_+_1
Arnt	2.356	1.252	3.064	2.915	3.535	3.097	2.946	2.936	4.905	4.759	11863	ARNT	NM_001037737_3_+_1
Strip2	0.407	-1.119	2.832	3.073	-0.380	0.394	0.294	-0.875	-1.586	-0.472	320609	STRIP2	NM_001037740_6_+_1
Gpx4	2.943	2.946	1.330	0.728	1.731	1.652	2.098	1.564	2.442	1.609	625249	GPX4	NM_001037741_10_+_1
Tyw5	2.727	2.591	2.124	2.306	1.270	1.748	1.311	2.033	0.794	1.648	68736	TYW5	NM_001037742_1_-_1
Timm8a2	-4.981	-4.981	-2.618	-2.029	-1.113	-2.286	-1.693	-3.395	-3.925	-4.981	223262	NA	NM_001037744_14_+_1
Zfp791	-4.981	-4.981	1.284	1.056	-0.698	-1.396	-4.489	-2.173	-2.605	-3.758	244556	ZNF791	NM_001037745_8_-_1
Prps113	5.603	5.690	5.676	5.715	5.716	5.761	5.462	5.448	4.373	4.811	328099	NA	NM_001037746_12_+_1
Card9	0.464	1.267	2.190	2.314	2.864	2.908	3.070	2.684	4.306	4.221	332579	CARD9	NM_001037747_2_-_1
Baiap2	1.766	2.060	1.643	1.460	1.668	1.760	1.051	0.263	0.656	0.313	108100	BAIAP2	NM_001037754_11_+_1
Baiap2	4.120	4.664	4.989	4.853	4.714	5.288	4.176	3.715	3.379	3.006	108100	BAIAP2	NM_001037755_11_+_1
Brms1l	4.202	4.550	4.034	3.826	4.150	4.115	3.698	3.818	3.177	3.484	52592	BRMS1L	NM_001037756_12_+_1
Wash1	1.744	3.060	0.322	1.328	1.743	1.364	0.564	1.508	1.992	1.723	68767	WASH1	NM_001037757_17_+_1
Btrc	5.383	4.668	3.907	3.098	4.304	3.729	4.018	3.610	2.986	2.682	12234	BTRC	NM_001037758_19_+_1
Sgk3	2.328	3.597	1.582	3.031	0.412	0.698	1.762	2.159	-1.103	3.323	170755	C8orf44-SGK3 SGK	NM_001037759_1_+_1
Capzb	3.290	3.148	3.011	2.688	3.467	2.929	3.684	3.242	4.236	3.606	12345	CAPZB	NM_001037761_4_+_1
Zdhhc12	3.827	4.173	3.721	3.770	3.369	3.526	3.371	3.256	3.656	3.431	66220	ZDHHC12	NM_001037762_2_-_1
Rai1	5.297	5.136	2.924	2.727	2.500	2.412	2.502	1.745	0.814	1.581	19377	RAI1	NM_001037764_11_+_1
Cd209b	-4.981	-4.981	-3.833	-4.319	0.071	-0.172	1.753	1.244	-1.516	-2.630	69165	NA	NM_001037800_8_-_1
Cd6	-3.391	-1.628	-1.499	-0.499	-1.045	0.342	0.448	0.166	-2.050	-4.123	12511	CD6	NM_001037801_19_-_1
Spn	3.326	3.088	0.347	-0.578	0.876	0.229	2.471	2.894	2.875	2.738	20737	SPN	NM_001037810_7_-_1
Tmem237	1.374	2.038	1.462	1.742	1.244	2.850	0.096	2.115	0.420	2.219	381259	TMEM237	NM_001037812_1_-_1
Cklf	2.164	2.238	1.655	1.147	2.128	2.340	1.525	1.585	2.207	2.184	75458	CKLF	NM_001037841_8_+_1
Cnot2	5.383	5.407	5.431	5.616	5.499	5.531	4.992	4.836	4.953	5.087	72068	CNOT2	NM_001037846_10_-_1
Cnot2	5.202	4.893	4.790	4.605	4.581	4.300	4.621	4.938	4.699	4.638	72068	CNOT2	NM_001037847_10_-_1
Cnot2	-0.010	-1.655	-1.498	-0.762	-1.974	-2.840	-2.226	-2.829	-1.992	-2.321	72068	CNOT2	NM_001037848_10_-_1
Csf1r	4.415	2.108	5.558	5.156	7.237	6.934	9.710	10.082	11.604	11.960	12978	CSF1R	NM_001037859_18_+_1
Atp11c	3.824	3.200	3.539	3.273	3.651	3.726	2.332	3.026	2.346	2.756	320940	ATP11C	NM_001037863_X_-_1
Tcf28a1	-4.981	-4.981	-4.962	-4.592	-4.969	-4.945	-4.371	-4.966	-4.981	-1.467	213945	COL28A1	NM_001037865_6_-_1
Tcf25	5.476	5.770	5.564	5.641	5.817	5.738	5.947	5.611	5.875	5.558	66855	TCF25	NM_001037877_8_+_1
Tcf25	5.894	5.742	6.232	6.158	5.668	6.065	6.012	6.537	6.987	6.900	66855	TCF25	NM_001037878_8_+_1
Dab2	-4.455	-4.981	-0.435	0.388	-4.360	-2.865	-1.463	0.288	-4.696	-2.671	13132	DAB2	NM_001037905_15_+_1
C130026121Rik	-0.008	2.285	-0.723	0.605	-0.594	-0.568	-0.755	-0.137	-0.016	-0.085	620078	NA	NM_001037909_1_-_1
Ccdc107	6.666	6.574	6.487	6.384	5.380	5.788	5.391	5.315	3.553	3.458	622404	CCDC107	NM_001037913_4_+_1
Ccdc17	3.382	3.514	2.353	2.742	2.788	2.880	2.315	2.151	1.479	1.233	622665	CCDC17	NM_001037916_4_+_1
Gm6377	6.312	6.762	9.645	9.475	10.043	10.193	8.970	8.410	5.727	6.603	622976	NA	NM_001037917_X_+_1
Lipt1	0.941	0.395	1.358	1.218	0.943	0.653	-0.200	0.274	-0.765	-0.236	623661	LIPT1	NM_001037918_1_+_1
Gm6460	-4.981	-4.981	-4.972	-4.972	-4.598	-4.380	-3.362	0.172	-4.981	-4.981	623898	NA	NM_001037919_5_+_1
Cks1brt	-3.528	-2.600	-2.509	-2.756	-3.452	-3.855	-4.291	-3.260	-3.431	-4.981	624855	NA	NM_001037922_8_+_1
Lekr1	0.905	1.627	1.620	1.303	0.618	1.756	0.232	0.292	-0.146	-0.111	624866	LEKR1	NM_001037923_3_+_1

BC147527	8.396	8.287	4.614	4.847	6.454	6.319	6.007	5.674	6.101	5.938	625360	NA	NM_001037925_13_+1
Zfp987	-2.741	0.936	-3.340	-1.253	-2.648	-0.517	-3.078	-1.005	-3.623	0.313	626316	ZNF616	NM_001037926_4_+1
Gm11992	-0.683	-1.201	-3.901	-3.617	-3.908	0.956	-2.416	-1.731	-4.981	-3.853	626870	C7orf57	NM_001037928_11_+1
Deptor	-3.219	0.019	-2.354	-2.702	-4.530	-4.925	-2.269	-4.700	-1.600	-0.284	97998	DEPTOR	NM_001037937_15_+1
Dhrs4	4.878	4.900	4.510	4.511	4.882	4.366	4.537	4.217	4.376	3.545	28200	DHRS4	NM_001037938_14_+1
Dnajb6	4.785	4.682	5.349	5.618	4.900	4.878	5.164	5.122	5.388	5.251	23950	DNAJB6	NM_001037940_5_+1
Dnajb6	2.475	2.903	1.841	1.927	1.929	2.141	1.770	1.352	1.269	1.054	23950	DNAJB6	NM_001037941_5_+1
Dusp22	3.860	3.948	3.764	3.991	4.902	5.009	4.953	5.148	6.433	6.376	105352	DUSP22	NM_001037955_13_+1
Dyrk1b	-0.711	1.456	0.669	-0.372	0.971	-0.397	0.258	-0.483	2.100	1.712	13549	DYRK1B	NM_001037957_7_+1
Edil3	-3.993	-4.981	-4.978	-4.924	-4.981	-4.981	-4.975	-4.978	-2.397	-1.511	13612	EDIL3	NM_001037987_13_+1
Fer	0.353	-1.693	-1.653	0.075	0.279	0.599	1.579	1.409	-0.297	1.877	14158	FER	NM_001037997_17_+1
Dbi	0.635	0.399	0.090	-0.393	-1.049	-1.294	0.253	-0.015	0.623	0.665	13167	DBI	NM_001037999_1_-1
Kat2a	3.379	2.615	3.552	3.606	3.646	3.879	3.885	3.747	4.573	4.280	14534	KAT2A	NM_001038010_11_-1
Gnpda2	5.807	5.941	5.214	5.055	5.224	5.206	4.790	4.719	4.026	4.321	67980	GNPDA2	NM_001038015_5_-1
Grk6	5.766	5.792	4.709	4.926	5.353	5.102	5.766	5.781	8.144	7.765	26385	GRK6	NM_001038018_13_+1
Anapc11	5.931	5.556	6.042	5.448	6.178	5.761	5.760	5.348	5.356	5.038	66156	ANAPC11	NM_001038230_11_+1
Banf1	6.568	6.278	6.456	6.449	6.637	6.524	6.673	6.381	5.297	4.700	23825	BANF1	NM_001038231_19_-1
Ctsa	2.795	2.945	0.817	1.312	2.758	2.843	2.867	3.263	3.276	3.300	19025	CTSA	NM_001038492_2_+1
Arsi	-3.668	-2.437	-1.130	-1.901	-4.027	-3.940	0.967	2.021	3.035	3.386	545260	ARSI	NM_001038499_18_+1
Adar	1.900	1.331	0.721	1.175	2.329	2.410	2.000	0.195	0.947	1.568	56417	ADAR	NM_001038587_3_+1
Usp14	3.076	3.494	3.985	4.305	3.540	3.282	3.650	3.184	2.858	3.249	59025	USP14	NM_001038589_18_-1
Cldn19	-4.981	-4.981	-4.714	-2.657	-4.980	-4.964	-4.975	-4.873	-4.981	-4.981	242653	CLDN19	NM_001038590_4_+1
Glrx2	5.234	5.613	4.793	5.101	4.429	4.921	4.902	5.158	4.509	4.928	69367	GLRX2	NM_001038592_1_+1
Glrx2	-1.944	-0.621	-3.571	-4.771	-4.791	-3.546	-0.732	-1.444	-4.651	-1.626	69367	GLRX2	NM_001038593_1_+1
Glrx2	-0.933	-0.907	-2.908	-2.224	-4.867	-4.110	-1.874	-3.685	-4.535	-4.831	69367	GLRX2	NM_001038594_1_+1
Marveld2	1.199	-4.981	3.318	2.317	1.172	-0.118	0.807	-1.256	-4.981	-4.981	218518	MARVELD2	NM_001038602_13_-1
Clec5a	-3.044	-4.981	-1.005	-1.162	-1.079	-1.710	1.865	2.504	3.682	4.544	23845	CLECSA	NM_001038604_6_-1
Txn14a	7.150	6.867	7.340	7.120	7.176	7.024	7.086	7.108	7.082	7.034	27366	TXNL4A	NM_001038608_18_+1
Dach1	-4.981	-4.981	-4.968	-2.382	-4.972	-2.418	-4.926	-2.213	-0.714	-0.353	13134	DACH1	NM_001038610_14_-1
Olfm1	-4.250	-4.864	2.513	3.550	-1.041	-0.987	3.013	3.585	3.336	3.394	56177	OLFM1	NM_001038612_2_+1
Olfm1	-0.517	-0.539	5.929	2.683	-0.506	-0.223	1.720	2.183	0.637	2.473	56177	OLFM1	NM_001038613_2_+1
Olfm1	-0.570	-1.563	5.108	0.838	-4.498	-4.468	-1.578	-0.240	-4.476	-4.637	56177	OLFM1	NM_001038614_2_+1
Dnm3	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-3.506	-0.840	-4.981	-4.981	103967	DNM3	NM_001038619_1_-1
Rabgap11	5.721	6.164	3.013	3.144	2.367	3.041	2.533	3.189	4.815	4.981	29809	RABGAP11	NM_001038621_1_-1
Ric3	-4.981	-1.569	-3.438	-3.165	-3.004	-4.027	-4.015	-3.421	-0.676	-4.981	320360	RIC3	NM_001038624_7_-1
Sertad2	4.583	4.871	3.795	3.960	4.087	4.105	4.236	3.846	3.827	3.878	58172	SERTAD2	NM_001038625_11_+1
Smurf1	3.652	3.397	4.095	4.193	4.338	4.179	4.307	3.941	4.246	3.878	75788	SMURF1	NM_001038627_5_-1
Stk35	0.568	1.111	1.247	1.084	0.123	0.571	1.160	2.275	2.130	2.677	67333	STK35	NM_001038635_2_+1
Gng2	7.275	7.270	6.811	6.685	6.133	6.218	6.210	6.048	6.134	6.345	14702	GNG2	NM_001038637_14_-1
Slx4ip	-2.608	0.511	0.288	0.857	-0.945	0.784	0.555	0.069	-1.628	1.498	74243	SLX4IP	NM_001038641_2_+1
Ets1	3.286	4.223	-1.274	-1.202	-0.574	0.401	0.780	2.257	0.639	-0.623	23871	ETS1	NM_001038642_9_+1
Slco3a1	3.756	5.069	6.213	5.597	0.115	2.619	2.291	3.675	3.516	3.376	108116	SLCO3A1	NM_001038643_7_-1
Zfp953	2.201	2.163	2.656	1.544	2.332	2.175	2.573	1.938	1.923	2.636	629016	NA	NM_001038651_13_-1
Slc16a3	-2.406	-1.164	-0.882	-0.794	0.808	-0.041	3.086	2.076	4.530	3.655	80879	SLC16A3	NM_001038653_11_+1
Slc16a3	-2.539	-2.347	-0.604	-1.540	-1.078	-1.880	-0.237	-0.327	3.148	2.160	80879	SLC16A3	NM_001038654_11_+1
Gng7	-4.412	-3.903	-4.916	-4.377	-4.270	-4.773	-4.107	-4.830	-4.644	-4.289	14708	GNG7	NM_001038655_10_-1
Mapk1	6.165	6.162	5.857	6.087	5.843	6.244	5.638	5.540	5.266	5.020	26413	MAPK1	NM_001038663_16_+1
Gngt2	-0.563	-1.417	-1.184	-0.588	0.991	0.244	3.251	2.094	2.445	2.125	14710	GNGT2	NM_001038664_11_+1
Kdm3a	3.015	4.065	4.426	3.399	3.341	2.972	4.003	3.181	4.667	4.923	104263	KDM3A	NM_001038695_6_-1
Rnpc3	3.166	2.520	3.133	2.674	2.617	2.630	2.495	2.779	2.260	3.330	67225	RNPC3	NM_001038696_3_-1
Elavl4	-4.981	-4.981	-4.892	-4.934	-1.658	-2.794	-4.673	-4.002	-4.981	-4.981	15572	ELAVL4	NM_001038698_4_-1
Fn3k	-4.981	-1.163	-4.927	-1.106	-3.628	-2.450	-4.916	-3.973	-2.659	-4.981	63828	FN3K	NM_001038699_11_+1
Fnbp1	5.053	4.999	8.374	8.319	6.089	6.006	6.217	6.357	6.056	5.777	14269	FNBP1	NM_001038700_2_-1
Gpr146	1.440	1.334	-0.158	-0.648	-1.297	-0.618	-1.405	0.915	-2.014	1.349	80290	GPR146	NM_001038703_5_+1
Cdc42se1	7.450	7.328	7.567	7.493	7.368	7.177	7.422	7.466	8.316	8.180	57912	CDC42SE1	NM_001038708_3_+1
Tmod2	-3.761	-4.981	-2.485	-3.218	-2.546	-1.861	-4.090	-3.556	-4.981	-4.981	50876	TMOD2	NM_001038710_9_-1
P2rx7	4.214	2.984	2.980	1.636	2.004	1.823	3.090	0.278	3.737	0.890	18439	P2RX7	NM_001038839_5_+1
P2rx7	-0.568	0.061	-0.742	-0.221	-0.932	0.618	0.267	1.228	-4.074	1.185	18439	P2RX7	NM_001038845_5_+1
Rcsd1	4.325	5.096	3.799	3.734	3.437	2.426	3.243	4.236	4.871	4.483	226594	RCS1	NM_001038846_1_-1
P2rx7	3.301	3.484	1.711	1.887	0.597	1.375	1.072	1.038	1.101	1.157	18439	P2RX7	NM_001038887_5_+1
Rnf38	3.633	3.622	4.326	3.604	4.618	3.674	5.099	4.313	5.760	5.401	73469	RNF38	NM_001038993_4_-1
Gm4787	-0.059	-0.688	-1.701	-1.831	-1.838	-1.384	-2.742	-1.534	-0.868	-2.035	214321	NA	NM_001038995_12_-1
Svbp	2.990	3.486	-0.072	-0.969	-0.219	-0.653	-1.086	-0.700	-0.218	-0.521	69216	SVBP	NM_001038998_4_+1
Atp8a1	-0.627	1.203	-0.327	1.379	1.369	1.017	1.726	-0.940	0.885	0.990	11980	ATP8A1	NM_001038999_5_-1
Kif5a	2.834	2.649	3.583	3.245	0.657	-0.233	-0.156	-0.399	-1.346	-0.305	16572	KIF5A	NM_001039000_10_-1
Nhlrc4	-4.981	-2.353	-4.898	-2.923	-4.605	-3.693	-4.958	-4.779	-4.394	-4.227	621239	NHLRC4	NM_001039038_17_-1
Kctd21	1.403	1.408	2.093	2.046	1.357	1.469	2.465	2.336	3.512	3.930	622320	KCTD21	NM_001039039_7_+1
Pigc	4.549	4.761	3.991	3.946	4.264	4.500	4.161	4.183	4.922	4.763	67292	PIGC	NM_001039045_1_+1
Trim58	-4.981	-3.408	-4.975	-2.181	-4.000	-2.838	-4.952	-2.324	-3.531	-2.867	216781	TRIM58	NM_001039047_11_+1
Pkib	-1.010	-3.477	-0.481	-0.988	-1.030	-0.553	-2.836	-4.966	-4.333	-4.597	18768	PKIB	NM_001039050_10_+1
Pkib	7.573	8.033	8.168	8.097	7.081	7.365	6.206	5.713	4.187	3.311	18768	PKIB	NM_001039051_10_+1
Pkib	0.356	-0.684	0.225	-2.799	-3.203	-4.874	-4.373	-4.808	2.792	3.727	18768	PKIB	NM_001039052_10_+1
Pkib	0.474	-3.642	-1.343	-2.133	-2.309	-2.641	-4.389	-3.929	1.028	1.920	18768	PKIB	NM_001039053_10_+1
Klhl15	-4.908	-4.736	-3.702	-2.809	-4.414	-4.858	-3.080	-3.846	-4.942	-4.893	236904	KLHL15	NM_001039059_X_+1

Klh15	1.473	1.518	0.126	0.668	1.065	1.697	1.290	0.293	1.071	0.386	236904	KLHL15	NM_001039060_X_+1
Klh15	1.273	1.198	-0.590	0.367	1.257	0.762	0.360	0.693	1.276	0.546	236904	KLHL15	NM_001039061_X_+1
Prosc	0.761	1.370	2.781	2.181	2.397	2.333	2.410	2.146	1.604	1.868	114863	PROSC	NM_001039077_8_+1
Prosc	-2.241	-0.034	-0.220	-0.431	-0.311	-2.163	-1.717	-1.659	0.567	-0.357	114863	PROSC	NM_001039078_8_+1
Prkc2	0.614	1.201	-0.404	0.114	-0.328	-3.305	0.651	-4.391	0.711	0.997	18762	PRKC2	NM_001039079_4_-1
Rbms2	-4.337	-3.892	-4.440	-2.281	-4.773	-4.876	-4.575	-4.842	-4.419	-4.722	56516	RBMS2	NM_001039080_10_-1
Mier1	4.565	4.567	4.795	4.353	4.381	4.604	4.864	4.713	5.037	5.380	71148	MIER1	NM_001039081_4_+1
Mrpl1	3.440	3.636	2.987	2.898	2.937	2.974	3.059	2.667	2.359	2.762	94061	MRPL1	NM_001039084_5_+1
Rapgef1	3.091	3.655	2.675	2.718	3.914	3.617	2.703	2.177	2.913	2.758	107746	RAPGEF1	NM_001039086_2_+1
Rapgef1	-4.238	-1.039	-4.402	-4.798	-3.576	-4.802	-4.300	-4.913	-4.608	-1.182	107746	RAPGEF1	NM_001039087_2_+1
Seh1l	6.117	6.045	6.287	6.114	5.995	5.719	6.074	5.824	6.014	5.774	72124	SEH1L	NM_001039088_18_+1
Sel1l	6.016	5.874	6.775	7.032	6.717	6.577	6.880	6.963	6.889	7.019	20338	SEL1L	NM_001039089_12_-1
Skil	5.586	5.191	5.297	5.201	5.021	4.981	5.398	4.770	4.685	5.479	20482	SKIL	NM_001039090_3_+1
Tom1l2	2.438	3.006	1.243	1.496	1.732	2.228	1.366	1.598	0.502	2.933	216810	TOM1L2	NM_001039092_11_-1
Tom1l2	3.634	3.348	2.007	2.066	2.264	2.198	1.676	1.659	2.836	2.869	216810	TOM1L2	NM_001039093_11_-1
Negr1	-1.512	-4.981	-4.981	-4.981	-4.382	-4.783	-4.935	-4.958	-4.981	-4.981	320840	NEGR1	NM_001039094_3_+1
Rasa4	-3.675	-1.620	0.290	-1.636	1.654	0.272	1.189	1.775	-0.181	0.836	54153	RASA4	NM_001039103_5_+1
Kcnrg	-2.465	-2.197	-2.974	-3.035	-4.164	-4.057	-2.264	-2.561	-1.596	-1.693	328424	KCNRG	NM_001039105_14_+1
Ddhd1	1.346	1.169	3.521	3.185	4.817	4.294	4.019	2.718	3.832	4.067	114874	DDHD1	NM_001039106_14_-1
Zkscan4	-2.590	-0.307	-2.261	1.728	-2.965	-0.670	-1.335	1.812	-0.586	2.784	544922	NA	NM_001039115_13_+1
Defb25	-4.981	-2.997	-2.347	-2.752	-0.764	-1.318	-0.475	-2.158	-2.834	-3.209	654459	NA	NM_001039122_2_-1
Asb1	-0.197	2.344	1.034	2.049	1.882	1.172	1.292	2.018	2.679	2.026	65247	ASB1	NM_001039126_1_+1
Hnrmp1	2.743	3.579	2.863	4.121	2.951	3.864	2.597	3.603	1.924	2.683	15382	NA	NM_001039129_15_+1
Scoc	4.573	1.624	3.826	2.062	2.603	0.958	3.046	1.203	1.665	0.306	56367	SCOC	NM_001039137_8_-1
Camk2g	-0.494	1.173	0.630	0.740	1.272	-0.207	1.548	1.192	1.294	-1.083	12325	CAMK2G	NM_001039138_14_-1
Camk2g	2.970	2.559	2.128	2.243	2.196	2.518	1.408	0.786	0.976	2.186	12325	CAMK2G	NM_001039139_14_-1
Morf4l1	4.454	4.089	3.604	3.599	3.526	3.391	3.595	3.104	3.323	3.193	21761	MORF4L1	NM_001039147_9_-1
Cd226	-2.347	-2.239	-3.916	-2.189	-3.671	-4.916	-1.973	-4.148	-1.586	-2.620	225825	CD226	NM_001039149_18_+1
Cd44	0.282	-3.470	-1.141	-0.949	-0.548	-4.188	-4.225	-1.093	-3.557	-3.783	12505	CD44	NM_001039150_2_-1
Cd44	8.554	7.784	7.950	7.163	6.357	5.722	7.909	7.917	9.309	9.315	12505	CD44	NM_001039151_2_-1
Tctn1	3.343	2.858	0.984	0.725	0.531	1.263	1.346	1.017	1.167	1.033	654470	TCTN1	NM_001039153_5_-1
Triobp	-4.981	-4.981	-4.509	-4.966	-4.963	-4.800	-4.967	-4.974	-4.981	-4.981	110253	TRIOBP	NM_001039155_15_+1
Triobp	-3.891	-3.891	-4.363	-4.049	-4.600	-4.902	-4.543	-4.922	-3.843	-4.392	110253	TRIOBP	NM_001039156_15_+1
Ube2j2	3.044	2.246	1.816	1.918	1.643	1.208	1.760	1.306	1.631	1.717	140499	UBE2J2	NM_001039157_4_+1
Ube2j2	3.379	3.366	3.700	3.360	3.457	2.804	3.652	2.769	3.311	2.750	140499	UBE2J2	NM_001039158_4_+1
Ube2j2	2.654	1.990	2.762	1.673	2.669	1.355	2.186	0.314	1.935	-0.074	140499	UBE2J2	NM_001039159_4_+1
Gvin1	4.249	3.916	3.992	3.421	4.494	3.667	5.735	5.123	6.326	5.837	74558	NA	NM_001039160_7_-1
Gvin1	4.382	1.516	4.281	-0.335	4.436	0.892	5.107	2.561	6.008	3.860	74558	NA	NM_001039160_dup1_7_-2
Clip2	-1.143	-0.827	1.581	1.886	0.582	0.607	0.931	0.161	0.631	1.206	269713	CLIP2	NM_001039162_5_-1
Eif4e2	4.385	4.532	4.258	4.710	4.452	4.575	4.263	4.656	4.002	4.571	26987	EIF4E2	NM_001039169_1_+1
Eif4e2	5.939	5.854	6.189	6.170	5.963	5.844	5.716	5.638	5.229	5.005	26987	EIF4E2	NM_001039170_1_+1
Dok6	-4.981	-4.981	-4.981	-4.981	-4.975	-4.888	-4.980	-4.489	-3.925	-2.753	623279	DOK6	NM_001039173_18_-1
Elov1l	-1.400	0.639	-1.456	-0.553	-2.860	-1.226	-3.045	-1.887	-1.738	-0.951	54325	ELOVL1	NM_001039175_4_+1
Elov1l	0.206	0.100	1.602	2.653	1.794	1.269	0.872	1.267	2.460	3.198	54325	ELOVL1	NM_001039176_4_+1
Bicd2	0.821	0.458	1.933	2.143	2.067	1.286	1.390	1.549	2.876	3.059	76895	BICD2	NM_001039179_13_+1
Bicd2	3.424	3.615	3.456	3.725	2.928	2.959	3.809	2.945	2.899	3.723	76895	BICD2	NM_001039180_13_+1
Cep350	5.134	5.074	6.417	5.528	6.207	5.806	5.897	5.329	5.756	5.587	74081	CEP350	NM_001039184_1_-1
Ceacam1	6.112	3.325	1.977	-0.822	2.947	0.020	6.042	4.382	7.762	5.911	26365	CEACAM1	NM_001039185_7_-1
Ceacam1	5.999	3.265	1.506	-0.647	2.608	0.147	6.083	5.347	8.120	7.128	26365	CEACAM1	NM_001039186_7_-1
Ceacam1	4.013	2.174	-0.170	-2.621	0.197	-3.120	2.595	3.074	5.504	5.375	26365	CEACAM1	NM_001039187_7_-1
Rreb1	-1.004	-3.159	-3.081	-2.482	-3.345	-4.144	-1.693	-4.838	-4.607	-0.408	68750	RREB1	NM_001039188_13_+1
Fars2	-4.981	-1.102	-2.015	-2.263	-4.013	-2.883	-2.186	-2.824	-0.909	-3.108	69955	FARS2	NM_001039189_13_+1
Gmfg	7.581	7.095	6.528	6.322	7.823	7.761	8.200	7.812	7.731	7.283	63986	GMFG	NM_001039192_7_+1
Aifm2	-1.987	0.471	0.719	1.009	1.211	2.416	1.916	1.918	4.419	4.009	71361	AIFM2	NM_001039194_10_+1
Zfhx2	0.872	0.967	1.137	1.142	0.462	1.079	0.722	0.974	0.761	1.279	239102	ZFHX2	NM_001039198_14_-1
Emc1	4.250	4.305	4.075	4.240	4.423	4.350	4.889	4.898	5.921	5.936	230866	EMC1	NM_001039200_4_+1
Hdhd2	-0.338	0.995	0.523	-0.201	-0.197	-0.772	-0.666	0.525	0.033	1.079	76987	HDHD2	NM_001039201_18_+1
Hdhd2	-1.577	0.164	-1.953	-3.298	-2.513	-3.420	-1.889	-1.816	-2.010	-2.198	76987	HDHD2	NM_001039202_18_+1
Zfp982	-2.544	-1.428	-4.147	-2.301	-3.193	-1.392	-2.004	-1.752	-4.039	-2.327	195531	NA	NM_001039209_4_+1
Mex3c	4.504	3.707	4.639	4.231	4.008	3.959	4.071	4.277	4.736	4.915	240396	MEX3C	NM_001039214_18_+1
Gm6086	-3.668	-4.981	-3.489	-3.095	-3.389	-3.837	-4.210	-4.945	-4.981	-3.882	619597	GAL3ST2	NM_001039219_1_+1
Al429214	0.754	3.034	-0.500	1.333	1.850	3.556	1.293	2.473	-0.733	1.746	621080	C8orf48	NM_001039220_8_+1
Gm14137	-0.613	0.477	-1.256	-2.019	-1.605	-2.399	-1.867	-1.559	-0.419	-1.838	623781	C15orf62	NM_001039223_2_+1
Gm6583	-3.668	-3.315	-1.493	-1.775	-3.250	-4.522	-4.324	-3.596	-1.540	-1.734	625424	NA	NM_001039228_5_-1
Zfp951	2.355	0.105	3.280	1.163	2.774	1.176	3.029	-0.037	2.513	0.841	626391	NA	NM_001039231_5_-1
Zfp808	2.813	2.711	1.717	1.205	2.578	2.959	2.164	1.544	0.029	1.612	630579	NA	NM_001039239_13_+1
Tmem267	2.122	2.441	1.331	1.467	-0.181	0.515	0.317	0.660	0.779	0.867	633640	TMEM267	NM_001039244_13_+1
Kcnd3	-4.981	-4.981	-4.370	-4.153	-2.576	-4.717	-2.997	-4.953	-4.981	-4.981	56543	KCND3	NM_001039347_3_+1
Nolc1	4.542	4.393	4.529	4.491	4.560	4.622	4.311	4.347	3.487	3.387	70769	NA	NM_001039351_19_+1
Nolc1	2.274	1.108	2.587	0.687	1.664	2.216	1.916	0.945	1.966	-0.006	70769	NA	NM_001039352_19_+1
Nolc1	4.005	4.370	4.145	4.420	4.499	4.344	4.298	4.270	3.913	3.405	70769	NA	NM_001039353_19_+1
Lin7a	-4.981	-4.981	-4.896	-4.919	-4.978	-4.975	-4.831	-4.937	-3.817	-4.981	108030	LIN7A	NM_001039354_10_+1
Hmga1	2.289	1.863	1.044	1.700	1.496	1.454	2.497	1.111	2.183	1.399	15361	HMGA1	NM_001039356_17_+1
Tsc2	2.487	2.391	3.019	2.254	2.329	1.875	1.928	3.070	3.953	3.199	22084	TSC2	NM_001039363_17_-1

Fdx1l	5.380	5.212	4.606	4.455	4.439	4.444	4.559	4.469	3.671	3.254	68165	FDX1L	NM_001039824_9_-1
Strn4	3.816	4.137	4.745	4.668	4.712	4.517	4.524	4.812	5.444	5.371	97387	STRN4	NM_001039878_7_+1
Map2	-3.953	-3.843	-4.922	-4.046	-4.757	-4.899	-4.679	-4.767	-4.981	-4.981	17756	MAP2	NM_001039934_1_+1
Asxl1	4.574	4.513	5.268	5.001	5.692	5.687	5.328	5.337	6.133	5.642	228790	ASXL1	NM_001039939_2_+1
Zfp606	-1.454	-1.013	-0.625	-1.266	0.082	-1.720	-0.277	-0.739	0.299	-0.608	67370	ZNF606	NM_001039951_7_+1
Ahnak	4.400	3.864	1.189	0.503	-2.096	-1.223	2.145	2.890	4.871	3.969	66395	AHNAK	NM_001039959_19_+1
Zfp869	5.071	4.876	4.253	3.987	4.421	4.465	4.381	4.233	4.209	4.221	66869	ZNF91	NM_001039965_8_-1
Zfp869	3.636	3.461	2.803	2.195	3.338	3.340	3.265	2.653	3.183	2.961	66869	ZNF91	NM_001039967_8_-1
Sco1	3.858	3.548	3.342	3.481	3.162	2.918	3.439	3.197	3.505	3.261	52892	SCO1	NM_001040026_11_+1
Nynrin	-4.981	-0.178	-4.978	-2.952	-4.845	-3.728	-1.526	1.011	2.142	3.607	277154	NYNRIN	NM_001040072_14_+1
Sytl2	-4.981	-4.981	-4.981	-4.981	-4.980	-4.979	-4.892	-2.923	-4.981	-4.981	83671	SYTL2	NM_001040085_7_+1
Sytl2	-4.981	-4.981	-4.950	-4.160	-4.980	-4.968	-4.331	-4.817	-4.426	-4.981	83671	SYTL2	NM_001040087_7_+1
Sytl2	-4.981	-4.981	-4.981	-4.981	-4.967	-4.715	-3.520	-4.398	-3.835	-4.981	83671	SYTL2	NM_001040088_7_+1
Aak1	2.185	2.267	1.893	1.376	2.244	2.511	1.574	2.878	2.702	3.546	269774	AAK1	NM_001040106_6_+1
Arap1	1.804	1.703	5.706	5.751	0.828	3.027	4.709	5.132	6.782	6.783	69710	ARAP1	NM_001040111_7_+1
Arap1	5.403	5.179	2.012	0.633	2.957	2.897	2.140	3.104	4.274	3.450	69710	ARAP1	NM_001040112_7_+1
Tmem141	1.352	1.105	3.671	3.756	4.074	3.223	4.033	3.611	2.638	2.975	51875	TMEM141	NM_001040130_2_-1
Eif4g2	5.685	6.451	4.842	6.524	5.194	5.953	5.939	6.761	6.105	7.731	13690	EIF4G2	NM_001040131_7_-1
Pdzd9	-3.065	-4.870	-4.761	-4.970	-4.971	-4.860	-4.031	-4.960	-4.981	-4.977	67983	PDZD9	NM_001040136_7_-1
Pdzd9	-4.981	-2.537	-4.361	-4.984	-4.471	-4.320	-4.270	-4.977	-4.981	-3.747	67983	PDZD9	NM_001040137_7_-1
Ddx17	5.663	5.660	5.343	5.111	5.228	5.613	5.232	4.697	4.311	4.517	67040	DDX17	NM_001040187_15_-1
Nadk2	2.543	2.720	4.600	4.519	3.810	3.646	3.801	4.168	4.052	4.727	68646	NADK2	NM_001040395_15_+1
Selt	6.734	6.549	5.561	5.585	5.318	5.435	5.691	5.232	5.091	5.091	69227	SELENOT	NM_001040396_3_+1
Filip1l	-0.613	-4.665	-1.603	-3.572	-0.713	-1.277	-1.471	-3.347	-4.873	-1.992	78749	FILIP1L	NM_001040397_16_+1
Setd1b	3.689	3.895	2.872	3.122	4.486	4.230	3.992	3.108	3.571	3.362	208043	NA	NM_001040398_5_+1
Larp1b	2.512	2.643	4.386	4.286	3.044	2.865	3.170	3.166	3.064	2.826	214048	NA	NM_001040399_3_+1
Tet2	4.605	4.686	5.991	5.912	6.907	6.775	6.507	6.271	5.935	6.341	214133	TET2	NM_001040400_3_-1
Flot2	4.863	4.784	4.769	4.768	4.640	4.622	4.734	4.758	7.237	6.743	14252	FLOT2	NM_001040403_11_+1
Thsd4	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	207596	THSD4	NM_001040426_9_-1
Tacc3	2.111	2.241	4.810	4.937	5.321	4.662	4.919	4.389	3.696	3.157	21335	TACC3	NM_001040435_5_+1
Shroom4	-4.981	-4.981	-2.880	-4.717	-4.959	-4.489	-4.912	-4.586	-4.981	-4.981	208431	SHROOM4	NM_001040459_X_+1
Dear1	-4.981	-4.981	-2.820	-4.924	-4.078	-4.901	-4.976	-3.920	-4.981	-4.981	654362	NA	NM_001040461_3_-1
Clmn	-4.981	-2.299	-4.627	-3.349	-2.408	0.489	-3.403	-1.148	-1.987	3.213	94040	CLMN	NM_001040682_12_-1
Med15	2.277	2.922	2.874	2.357	3.159	3.514	2.814	3.148	3.851	4.382	94112	NA	NM_001040683_16_-1
Hsd3b7	1.330	0.932	2.557	2.856	-0.491	0.592	1.796	0.446	1.635	2.161	101502	HSD3B7	NM_001040684_7_+1
Zfp692	2.303	2.163	1.304	1.671	1.541	2.381	1.683	1.270	1.276	2.584	103836	ZNF692	NM_001040686_11_+1
Rap1gds1	1.914	1.793	3.929	4.316	4.480	4.544	4.132	4.958	5.667	6.251	229877	RAP1GDS1	NM_001040690_3_-1
Ung	-0.716	-1.630	-2.771	-4.275	-1.399	-1.960	-4.759	-2.999	-4.047	-4.553	22256	UNG	NM_001040691_5_+1
Slc6a18	-4.981	-4.981	-4.798	-4.975	-4.961	-4.979	-4.973	-4.970	-4.981	-4.981	22598	SLC6A18	NM_001040692_13_-1
Uevld	2.550	2.713	2.533	2.745	2.883	2.523	3.463	3.556	3.234	3.956	54122	UEVLD	NM_001040695_7_-1
Nlrp1b	-0.420	-2.799	3.932	-2.256	4.319	-0.831	3.600	-1.859	3.175	0.668	637515	NLRP1	NM_001040696_11_-1
Mtmr7	-2.542	-2.107	-2.139	-2.519	-2.540	-3.218	-2.987	-3.190	-1.771	-2.398	54384	MTMR7	NM_001040699_8_-1
BC051019	-4.981	-4.981	-4.996	-4.395	-4.518	-4.280	-4.247	-3.301	-4.981	-3.142	57355	C11orf16	NM_001040700_7_-1
Pex10	3.344	3.481	2.001	2.782	2.759	2.918	2.530	2.351	2.073	2.163	668173	PEX10	NM_001042407_4_+1
Txn14a	2.050	-0.179	2.905	1.841	1.408	1.143	1.719	0.535	1.125	1.216	27366	TXNL4A	NM_001042408_18_+1
P3h1	-3.863	-1.994	-1.068	-1.241	-4.584	-3.491	-2.435	-4.501	-2.004	-0.789	56401	P3H1	NM_001042411_4_+1
Cabyr	-4.803	-4.981	-4.878	-4.971	-4.934	-4.980	-4.974	-4.978	-4.786	-4.928	71132	CABYR	NM_001042418_18_+1
Cabyr	-4.981	-4.981	-4.966	-4.966	-4.506	-4.973	-4.964	-4.973	-4.981	-4.981	71132	CABYR	NM_001042419_18_+1
Cabyr	-4.131	-4.981	-4.318	-4.488	-4.194	-3.686	-4.975	-4.977	-4.372	-4.262	71132	CABYR	NM_001042420_18_+1
Kntc1	-3.349	-2.137	1.335	1.370	2.444	1.127	1.443	0.912	-0.096	-0.712	208628	KNTC1	NM_001042511_5_+1
Zhx1	3.838	3.211	4.516	4.027	3.810	3.600	3.547	3.623	4.310	4.742	22770	ZHX1	NM_001042438_15_-1
Snca	-0.090	2.586	1.260	3.771	0.284	4.152	0.785	3.846	0.154	1.970	20617	SNCA	NM_001042451_6_-1
Golga7	7.611	7.550	7.602	7.602	7.494	7.596	7.478	7.445	7.357	7.885	57437	GOLGA7	NM_001042484_8_-1
Tmem183a	2.097	2.211	3.262	3.029	1.787	1.716	2.713	1.891	3.111	2.800	57439	TMEM183A	NM_001042485_1_-1
Dlgap4	0.001	1.183	5.531	5.233	3.471	3.540	3.261	3.138	3.847	4.050	228836	DLGAP4	NM_001042487_2_+1
Dlgap4	5.134	4.781	6.317	6.502	6.154	6.095	5.756	5.263	5.010	5.078	228836	DLGAP4	NM_001042488_2_+1
Hvcn1	5.789	5.879	1.893	1.780	5.123	5.525	4.279	3.813	2.801	0.860	74096	HVCN1	NM_001042489_5_+1
Anapc5	6.666	6.933	5.783	5.976	5.811	6.007	5.489	5.869	6.161	6.060	59008	ANAPC5	NM_001042491_5_-1
Rabl3	4.043	3.745	3.728	3.534	3.638	3.418	3.144	3.050	2.975	2.965	67657	RABL3	NM_001042499_16_+1
Fam133b	4.842	4.810	4.328	4.278	4.795	4.780	4.855	4.271	3.676	3.689	68152	FAM133B	NM_001042501_5_+1
Txnrd1	3.204	2.836	4.965	5.311	4.685	4.915	4.776	5.011	4.991	4.884	50493	TXNRD1	NM_001042513_10_+1
Txnrd1	-4.396	-3.911	2.505	2.176	2.289	2.093	2.721	2.272	2.691	2.491	50493	TXNRD1	NM_001042514_10_+1
Txnrd1	-4.755	-4.410	-0.547	-0.650	-0.557	-0.394	0.440	-0.231	-0.052	1.654	50493	TXNRD1	NM_001042523_10_+1
Blm	1.532	0.887	1.696	0.183	1.886	1.245	1.655	0.880	1.858	0.692	12144	BLM	NM_001042527_7_-1
Cacna1b	-4.395	-4.981	-2.622	-4.240	-3.953	-4.743	-4.975	-4.804	-4.981	-1.284	12287	CACNA1B	NM_001042528_2_-1
Capg	6.700	5.353	-1.985	0.707	-0.889	2.411	2.721	4.191	6.987	5.129	12332	CAPG	NM_001042534_6_+1
Akap1	-2.246	-0.894	-0.556	0.226	-1.715	-1.654	-0.910	0.076	1.148	1.998	11640	AKAP1	NM_001042541_11_-1
Rpf2	0.555	1.205	1.225	1.299	-0.530	0.406	-1.029	0.015	-0.023	-0.599	67239	RPF2	NM_001042556_10_-1
Map2k7	-3.889	-3.560	-2.477	-3.800	-3.251	-4.272	-2.074	-4.255	-1.931	-3.381	26400	MAP2K7	NM_001042557_8_+1
Apaf1	2.574	0.348	4.082	2.800	3.415	2.918	4.089	3.075	5.039	4.090	11783	APAF1	NM_001042558_10_-1
Cd27	-4.844	-3.007	-2.699	-2.708	-2.964	-3.545	-3.343	-4.893	-4.415	-2.813	21940	CD27	NM_001042564_6_-1
Wsb1	1.121	2.681	2.379	2.440	2.102	2.180	2.792	3.308	3.978	4.720	78889	WSB1	NM_001042565_11_-1
Cd63	-4.539	-3.798	-2.655	-1.500	-4.767	-1.468	-2.120	-2.809	-0.837	-4.958	12512	CD63	NM_001042580_10_+1
Arrdc3	5.479	5.972	4.564	4.802	4.205	4.364	4.979	5.266	6.353	6.416	105171	ARRDC3	NM_001042591_13_+1

Arrdc4	3.622	3.910	5.448	5.196	4.906	4.526	4.953	4.517	6.115	5.913	66412	ARRDC4	NM_001042592_7_-1
Hbs1l	0.253	0.355	0.530	-0.074	-1.829	-0.343	0.719	-0.543	0.958	1.266	56422	HBS1L	NM_001042593_10_+1
Cd74	9.568	9.735	12.571	12.778	12.635	12.977	12.761	12.856	8.175	8.403	16149	CD74	NM_001042605_18_+1
Sstr2	-0.997	-2.857	-4.819	-4.493	-4.693	-4.596	-4.966	-4.138	-4.981	-4.981	20606	SSTR2	NM_001042606_11_+1
Ryk	-4.350	-4.307	-2.215	-4.546	-4.744	0.017	-4.511	-1.653	-4.762	-0.923	20187	RYK	NM_001042607_9_+1
Sepp1	4.669	3.796	1.844	1.663	1.421	0.580	2.272	2.740	2.976	4.395	20363	SELENOP	NM_001042613_15_+1
Sepp1	-0.854	0.711	-1.513	-1.217	-2.254	-3.036	-2.031	0.983	1.755	1.010	20363	SELENOP	NM_001042614_15_+1
Htra3	-4.981	-4.981	-4.966	-4.966	-4.983	-4.174	-3.375	0.476	-2.605	-0.359	78558	HTRA3	NM_001042615_5_-1
Cadps	-4.981	-4.981	-4.960	-4.831	-3.419	-4.523	-4.981	-4.981	-4.533	-4.981	27062	CADPS	NM_001042617_14_-1
Dhx15	1.220	0.785	0.714	0.453	0.861	0.372	0.717	0.329	1.636	1.846	13204	DHX15	NM_001042620_5_-1
Phc1	5.098	4.577	2.292	1.667	5.272	4.957	2.957	1.370	1.446	1.195	13619	PHC1	NM_001042623_6_-1
Clk1	6.214	6.458	6.320	6.055	6.650	6.804	6.217	6.207	5.001	5.818	12747	CLK1	NM_001042634_1_-1
Dcun1d2	1.124	1.246	1.339	0.147	0.517	-0.631	0.690	0.322	0.614	0.729	102323	DCUN1D2	NM_001042649_8_-1
Dcun1d2	2.298	2.623	3.099	3.219	2.825	2.703	3.070	2.902	3.367	3.593	102323	DCUN1D2	NM_001042650_8_-1
Dcun1d2	-4.326	-1.391	-0.327	0.593	0.102	-1.796	-0.307	-0.204	-0.248	1.010	102323	DCUN1D2	NM_001042651_8_-1
Nusap1	-1.813	-0.908	-0.078	-0.266	1.767	-0.647	0.563	-0.215	-0.759	-4.942	108907	NUSAP1	NM_001042652_2_+1
Oip5	-0.792	-0.623	1.935	1.375	2.724	1.919	2.180	1.694	0.323	-1.218	70645	OIP5	NM_001042653_2_-1
Tbc1d17	6.055	6.137	5.073	5.023	5.318	5.406	5.516	5.575	5.955	5.701	233204	TBC1D17	NM_001042655_7_-1
Fzd5	-1.811	-0.885	-0.252	-0.072	-0.886	-2.077	-1.224	-2.194	-2.353	-1.047	14367	FZD5	NM_001042659_1_-1
Smad7	3.693	4.030	3.636	3.197	5.143	4.486	4.317	4.150	2.607	3.145	17131	SMAD7	NM_001042660_18_+1
Mterf1b	1.433	3.218	0.237	1.515	1.369	2.617	0.946	2.049	1.060	2.428	208595	MTERF1	NM_001042670_5_+1
Gpcpd1	5.158	4.981	3.380	3.225	3.845	4.220	4.204	3.970	4.399	4.200	74182	GPCPD1	NM_001042672_2_-1
Fancc	-1.357	-1.802	-1.579	-2.093	-0.279	-0.689	-0.443	-2.011	0.531	-0.786	14088	FANCC	NM_001042673_13_-1
Rbpms	3.027	0.464	2.271	1.506	2.644	0.662	5.078	4.595	5.661	5.458	19663	RBPMS	NM_001042674_8_-1
Rbpms	1.525	-0.466	1.285	-0.157	2.013	0.106	3.779	2.702	3.257	2.684	19663	RBPMS	NM_001042675_8_-1
Syne3	0.843	-0.556	-1.080	-1.839	-1.533	-1.889	1.441	0.463	4.060	3.484	212073	SYNE3	NM_001042699_12_-1
Ilf3	3.344	3.715	2.781	2.965	3.453	3.766	2.878	2.956	0.630	2.018	16201	ILF3	NM_001042707_9_+1
Ilf3	0.644	0.249	0.689	0.646	1.189	-0.227	0.110	-0.465	0.298	1.106	16201	ILF3	NM_001042708_9_+1
Ilf3	0.670	0.618	1.147	1.279	1.351	1.232	0.876	1.466	-0.397	0.516	16201	ILF3	NM_001042709_9_+1
Prss57	4.986	3.526	3.447	2.898	1.548	1.060	1.218	2.162	2.025	-3.683	73106	PRSS57	NM_001042710_10_-1
Amy2a5	-1.178	-3.847	-4.105	-4.480	-4.958	-4.032	-4.324	-3.934	-4.981	-2.261	109959	AMY2B	NM_001042711_3_-1
Amy2a5	-1.178	-0.935	-4.105	-4.480	-4.958	-4.032	-4.324	-3.934	-4.981	-2.261	109959	AMY2B	NM_001042711_dup1_3_-2
Amy2a5	-1.178	-0.935	-4.105	-4.480	-4.958	-4.032	-4.324	-3.934	-4.981	-2.261	109959	AMY2B	NM_001042711_dup2_3_-3
Amy2a5	-1.178	-0.935	-4.105	-4.480	-4.958	-4.032	-4.324	-3.934	-4.981	-2.261	109959	AMY2B	NM_001042711_dup3_3_-4
Ankdd1b	0.906	0.977	0.107	-1.447	0.514	0.182	0.043	-0.220	-0.550	0.209	271144	ANKDD1B	NM_001042714_13_-1
Ddhd1	1.437	-2.649	1.149	1.186	3.840	3.201	2.953	-0.173	1.340	2.680	114874	DDHD1	NM_001042719_14_-1
Rarg	-0.711	-0.032	1.015	0.154	3.065	1.829	3.698	3.359	5.324	5.333	19411	RARG	NM_001042727_15_-1
Mast2	-2.022	-3.670	-0.476	0.027	-1.411	-2.017	1.205	-0.412	0.998	1.169	17776	MAST2	NM_001042743_4_-1
Neo1	1.186	0.014	-0.938	0.419	1.395	3.190	0.906	1.262	-0.712	-0.559	18007	NEO1	NM_001042752_9_-1
Slc22a18	-4.064	-4.981	-4.339	-4.753	-4.549	-4.877	-4.319	-4.787	-4.364	-4.799	18400	SLC22A18	NM_001042760_7_+1
Sema3b	-4.981	-4.393	-4.968	-4.933	-4.978	-4.960	-4.978	-4.946	-4.845	-4.981	20347	SEMA3B	NM_001042779_9_-1
Dntt	7.883	6.856	-4.890	-2.747	-3.994	-3.743	-2.859	-2.541	-4.032	-4.981	21673	DNTT	NM_001043228_19_+1
Cd22	-3.841	3.085	1.186	4.527	7.327	7.536	6.412	6.588	2.368	2.106	12483	CD22	NM_001043317_7_-1
Eml1	-4.981	-4.981	-4.976	-4.940	-4.981	-4.980	-4.978	-4.973	-4.981	-4.981	68519	EML1	NM_001043335_12_+1
Eml1	-4.981	-4.981	-4.802	-3.579	-4.984	-2.634	-4.790	-1.347	-4.981	-4.981	68519	EML1	NM_001043336_12_+1
Map6	-4.981	-4.981	-3.128	-4.375	-3.764	-4.452	-3.309	-2.978	-3.864	-4.981	17760	MAP6	NM_001043355_7_+1
Cacna1i	-4.981	-4.981	-4.691	-2.295	-4.488	-2.754	-4.608	-0.099	-4.981	-2.601	239556	CACNA1I	NM_001044308_15_+1
Rad17	5.097	5.006	4.652	4.595	4.620	4.718	4.480	4.440	4.493	4.720	19356	RAD17	NM_001044371_13_-1
Ubtf	4.649	4.561	2.729	3.604	3.913	3.455	4.011	3.024	4.468	4.177	21429	UBTF	NM_001044383_11_-1
Timp1	-2.273	-4.981	-4.886	-4.627	-4.957	-4.957	-4.831	-2.527	-4.780	-4.945	21857	TIMP1	NM_001044384_X_+1
Zfx	5.002	4.537	5.245	5.108	4.973	5.146	4.980	4.848	4.803	5.186	22764	ZFX	NM_001044386_X_-1
Clpx	1.707	2.241	2.391	2.759	2.812	2.052	2.200	1.957	2.227	2.774	270166	CLPX	NM_001044389_9_+1
Zfp2	-3.715	0.298	-4.614	-3.595	-4.885	-2.575	-4.025	-3.962	-4.981	-4.465	22678	ZFP2	NM_001044697_11_-1
Zfp2	-1.993	-2.110	-4.583	-2.228	-4.683	-1.259	-3.985	-2.634	-4.816	-4.138	22678	ZFP2	NM_001044698_11_-1
Zfp2	-1.318	-1.108	-4.957	-2.227	-3.148	-3.637	-2.982	-1.990	-1.911	-1.431	22678	ZFP2	NM_001044700_11_-1
Zscan21	-3.235	2.618	-3.782	2.568	-2.599	2.499	-3.102	2.109	-0.548	2.690	22697	ZSCAN21	NM_001044703_5_+1
Zscan21	2.720	1.103	3.089	1.042	2.034	0.657	2.236	0.471	1.895	0.456	22697	ZSCAN21	NM_001044704_5_+1
Zscan21	-1.929	2.905	-2.517	2.276	-0.718	1.670	-1.034	1.641	-1.574	2.001	22697	ZSCAN21	NM_001044705_5_+1
Zfp41	0.823	0.985	0.823	0.372	1.710	1.460	0.806	1.123	0.539	1.353	22701	ZFP41	NM_001044718_15_+1
D17Wsu92e	1.760	3.251	2.134	2.261	1.761	1.248	2.395	1.877	3.757	2.917	224647	C6orf106	NM_001044719_17_-1
Abcc9	-4.981	-4.981	-4.949	-4.694	-4.853	-4.854	-4.519	-4.818	-4.436	-4.531	20928	ABCC9	NM_001044720_6_-1
Slc7a2	-4.981	-3.562	-2.582	-3.419	-2.047	-4.903	-2.868	-3.679	-1.086	-2.023	11988	SLC7A2	NM_001044740_8_+1
Cacnb3	1.585	-3.267	6.572	6.961	6.189	6.190	4.314	3.448	-3.322	-3.797	12297	CACNB3	NM_001044741_15_+1
Gcdh	3.297	4.163	2.926	3.194	3.033	3.085	2.936	3.244	1.721	2.169	270076	GCDH	NM_001044744_8_-1
Zfp68	4.442	3.115	3.097	2.829	3.235	1.796	3.156	2.160	2.919	2.419	24135	NA	NM_001044747_5_-1
Hsd11b1	2.975	1.612	-3.726	-0.159	-3.449	-0.680	3.810	2.594	4.925	3.671	15483	HSD11B1	NM_001044751_1_-1
Rbak	2.435	2.838	2.691	2.348	2.727	2.583	2.730	2.251	3.989	3.198	57782	RBAK	NM_001045482_5_-1
Mapk1ip1	4.945	4.726	3.410	3.737	3.509	3.724	3.406	3.520	3.356	3.376	69546	NA	NM_001045483_7_-1
Mef2b	-0.492	-0.801	-3.463	-2.847	-2.317	-1.020	-4.356	-0.500	-3.925	-2.684	17259	MEF2B	NM_001045484_8_+1
Zfp180	2.105	3.057	3.910	2.942	1.813	1.867	3.304	1.851	4.636	4.088	210135	ZNF180	NM_001045486_7_+1
Mfge8	3.076	2.751	1.587	2.446	2.756	3.049	3.193	2.821	3.621	3.292	17304	MFGE8	NM_001045489_7_-1
Raph1	2.236	3.301	1.773	2.341	1.874	2.131	3.103	3.468	3.741	3.867	77300	RAPH1	NM_001045513_1_-1
Akna	5.246	5.637	7.248	7.030	7.282	7.492	7.141	7.209	8.020	7.808	100182	AKNA	NM_001045514_4_-1
Synj1	4.025	4.539	5.586	5.752	5.556	5.807	5.661	5.302	5.958	5.767	104015	SYNJ1	NM_001045515_16_-1

Proca1	-3.843	-2.681	-2.037	-2.297	-3.838	-4.084	-3.969	-3.142	-1.816	-3.459	216974	PROCA1	NM_001045516_11_+1
Clint1	6.637	6.643	7.285	7.164	7.221	7.245	7.431	7.460	8.223	8.241	216705	CLINT1	NM_001045520_11_+1
Bahd1	2.950	2.693	3.321	3.102	3.424	2.970	3.257	2.839	3.214	3.291	228536	BAHD1	NM_001045523_2_+1
Cep126	-2.573	-0.710	-4.017	-4.515	-2.520	-2.625	-4.482	-4.904	-3.925	-3.210	234915	CEP126	NM_001045524_9_-1
Cyb5d1	1.267	0.339	1.176	0.567	1.035	0.574	1.061	0.066	1.767	1.547	327951	CYB5D1	NM_001045525_11_-1
Scimp	8.902	9.138	7.168	6.937	6.662	6.766	5.954	5.377	1.205	0.924	327957	SCIMP	NM_001045526_11_-1
Hsf5	-4.981	-4.981	-2.611	-4.314	-3.506	-4.537	-4.391	-4.782	-4.981	-4.981	327992	HSF5	NM_001045527_11_+1
Fkbp15	5.278	5.201	6.014	6.041	6.272	6.422	6.097	6.057	6.825	6.863	338355	FKBP15	NM_001045528_4_-1
Morc3	5.690	5.852	6.119	5.999	6.464	6.251	6.513	6.337	7.044	7.125	338467	MORC3	NM_001045529_16_+1
Ccnj1	-4.981	-4.981	-4.871	-3.682	-3.916	-3.719	-4.969	-4.175	-4.981	-4.342	380694	NA	NM_001045530_11_+1
March4	-4.981	-4.981	-4.952	-4.952	-4.861	-4.775	-4.976	-4.904	-3.635	-3.754	381270	MARCH4	NM_001045533_1_-1
Zzef1	4.873	4.859	5.120	5.174	5.338	5.413	5.054	4.900	5.414	5.019	195018	ZZEF1	NM_001045536_11_+1
Gm12185	-2.520	-2.522	1.417	1.454	1.486	1.132	1.218	0.195	0.095	0.805	620913	NA	NM_001045540_11_-1
Gm12253	4.273	2.949	-4.244	-4.559	-4.950	-4.906	-4.724	-4.188	-4.981	-4.981	624860	NA	NM_001045542_11_+1
Heatr9	-4.981	-4.981	-1.072	-1.054	-1.032	-1.907	-2.076	-2.367	-4.981	-4.981	629303	HEATR9	NM_001045543_11_-1
Zfp868	-0.537	2.881	0.627	1.356	1.128	1.568	1.127	1.047	0.372	0.990	234362	NA	NM_001045553_8_-1
Tulp2	-3.737	-4.981	-4.897	-4.745	-4.815	-4.911	-4.479	-4.897	-4.981	-4.621	56734	TULP2	NM_001045555_7_+1
Pick1	2.187	2.512	3.641	3.674	3.615	3.825	3.304	3.111	2.991	2.873	18693	PICK1	NM_001045558_15_+1
Zfp952	3.777	3.352	3.268	3.125	3.563	3.234	3.281	3.008	3.239	3.448	240067	NA	NM_001045559_17_+1
Rbm15	1.263	1.673	1.792	1.643	2.299	2.163	2.030	1.846	2.613	2.506	229700	RBM15	NM_001045807_3_-1
Nelfe	4.359	4.229	5.207	5.313	5.059	5.244	4.543	3.816	2.683	2.314	27632	NELFE	NM_001045863_17_+1
Nelfe	2.485	1.694	3.826	3.775	4.465	4.691	3.561	2.675	0.988	0.713	27632	NELFE	NM_001045864_17_+1
Mink1	1.900	-2.478	0.151	0.925	3.192	3.609	2.681	0.955	2.594	2.797	50932	MINK1	NM_001045959_11_+1
Mink1	-3.696	-2.923	-0.448	-2.121	-1.462	0.932	-0.172	-1.415	0.519	0.892	50932	MINK1	NM_001045964_11_+1
Snrpa	3.000	3.006	2.958	3.443	3.321	3.438	2.655	2.688	2.113	2.358	53607	NA	NM_001046377_7_-1
Net1	7.378	7.791	6.693	6.827	1.985	2.466	4.021	4.756	2.794	2.351	56349	NET1	NM_001047159_13_-1
Dph3	1.638	2.091	2.168	1.822	1.711	0.607	2.763	2.480	2.512	1.942	105638	DPH3	NM_001047433_14_-1
Pard6a	3.762	3.303	2.424	1.849	2.148	2.039	1.429	0.844	0.827	1.005	56513	PARD6A	NM_001047435_8_+1
Pard6a	3.011	2.326	1.886	1.522	1.682	1.444	1.209	1.320	1.673	0.628	56513	PARD6A	NM_001047436_8_+1
Ttc21b	1.845	2.258	1.877	2.442	2.244	2.413	0.506	1.495	0.543	1.090	73668	TTC21B	NM_001047604_2_-1
1110017D15Rik	-2.841	-4.981	-4.578	-4.925	-4.981	-4.981	-4.679	-4.981	-4.981	-4.981	73721	C9orf24	NM_001048005_4_-1
Agtpbbp1	-4.981	-4.368	-4.572	-2.145	-4.935	-2.694	-2.506	-4.953	-4.653	-4.413	67269	AGTPBBP1	NM_001048008_13_-1
Dusp16	2.191	0.934	3.011	2.312	3.198	2.965	3.541	2.310	1.636	0.146	70686	DUSP16	NM_001048054_6_-1
Rpl38	5.692	5.533	6.041	5.992	5.473	5.723	6.067	5.949	4.538	4.312	67671	RPL38	NM_001048057_11_+1
Rpl38	-3.982	-4.169	4.617	2.955	4.562	2.619	0.883	4.219	0.964	2.401	67671	RPL38	NM_001048058_11_+1
Idnk	6.051	6.045	5.348	5.398	5.355	5.565	5.616	5.361	4.641	4.482	75731	IDNK	NM_001048060_13_+1
Hnrnpab	7.081	7.599	7.554	7.896	7.610	7.662	7.056	7.384	6.117	6.268	15384	HNRNPAB	NM_001048061_11_-1
Mon1b	2.026	1.710	2.176	2.450	1.321	1.780	1.263	1.705	2.466	1.968	270096	MON1B	NM_001048143_8_+1
Syce1l	-4.981	-4.981	-4.974	-4.973	-4.904	-4.957	-4.933	-4.957	-4.917	-4.947	668110	SYCE1L	NM_001048145_8_+1
Azi2	0.283	1.497	0.004	1.144	-0.233	-0.026	-0.333	0.297	0.629	0.945	27215	AZI2	NM_001048146_9_+1
Zgpat	3.940	4.171	3.993	3.999	4.276	4.098	3.468	3.534	3.570	3.556	229007	ZGPAT	NM_001048148_2_+1
Nfyc	2.395	1.710	-1.703	-0.027	-1.418	-0.233	0.681	-1.707	-3.701	-2.961	18046	NFYC	NM_001048168_4_-1
Adam28	-4.362	-4.077	-4.547	-4.753	-4.691	-3.895	-4.641	-4.737	-4.296	-3.058	13522	ADAM28	NM_001048175_14_-1
Cerkl	1.755	1.218	0.413	-0.689	1.369	0.740	0.964	0.170	1.053	0.687	228094	CERKL	NM_001048176_2_-1
Jak2	3.041	4.394	1.207	1.244	3.456	2.469	3.663	1.625	0.904	-0.093	16452	JAK2	NM_001048177_19_+1
Ghr	-4.981	-4.981	-4.786	-3.976	-3.561	-4.863	-4.395	-4.889	-4.981	-3.652	14600	GHR	NM_001048178_15_-1
Ccl27a	2.493	2.475	0.451	-0.223	-0.730	-2.936	0.019	-0.583	-0.570	0.749	20301	NA	NM_001048179_4_-1
Agbl5	-3.619	-1.287	-2.261	-3.459	-1.135	-4.674	-2.427	-1.050	-2.063	-4.650	231093	AGBL5	NM_001048192_5_+1
Zfp455	1.923	2.257	2.163	1.489	1.586	1.571	2.111	1.268	1.857	2.274	218311	NA	NM_001048204_13_+1
Gypc	4.708	4.636	5.655	5.947	6.386	6.156	5.635	5.627	5.373	5.008	71683	GYPC	NM_001048207_18_-1
Med14	3.875	4.257	5.070	4.730	4.632	4.598	4.530	4.560	4.686	5.459	26896	MED14	NM_001048208_X_-1
Dbndd2	-0.136	-0.832	-1.398	-2.677	-3.778	-3.577	-2.382	-0.031	-0.428	-4.183	52840	DBNDD2	NM_001048227_2_+1
Dbndd2	-1.745	0.548	1.146	-0.396	-1.030	-4.384	-2.536	-0.159	-0.611	-0.969	52840	DBNDD2	NM_001048228_2_+1
Dbndd2	-1.900	0.650	0.542	-0.883	-4.192	-4.305	-2.976	-0.562	-2.197	0.207	52840	DBNDD2	NM_001048229_2_+1
Smim15	6.432	6.565	5.410	5.366	5.169	5.280	5.451	5.442	5.045	5.527	75616	SMIM15	NM_001048250_13_+1
Tnpo1	1.062	-1.086	-0.604	0.215	-0.484	-1.953	0.368	-0.872	-0.095	1.801	238799	TNPO1	NM_001048267_13_-1
Usp33	-2.196	-3.699	-1.461	-4.233	-4.086	-3.612	-1.816	-4.199	0.523	-4.046	170822	USP33	NM_001076676_3_+1
Gm9733	-1.718	-0.301	0.543	0.304	6.037	6.511	7.021	7.371	7.792	8.078	751864	NA	NM_001076679_3_-1
Lymr9	2.737	2.945	2.705	2.918	3.018	3.904	2.826	2.933	2.494	2.827	66274	LYMR9	NM_001076681_11_+1
Cbx5	3.214	3.605	3.801	4.303	5.208	5.047	4.594	4.420	2.898	3.267	12419	CBX5	NM_001076789_15_-1
Zfp874b	2.084	2.414	1.891	2.113	1.626	2.086	2.357	2.932	2.864	3.196	408067	NA	NM_001076791_13_-1
Bsg	8.588	8.657	7.683	8.012	7.550	7.811	7.443	7.952	7.524	7.482	12215	BSG	NM_001077184_10_+1
Fcgr2b	4.867	6.046	6.295	2.395	2.726	2.441	5.387	5.384	4.383	3.244	14130	FCGR2B	NM_001077189_1_-1
Abi1	5.208	5.173	5.549	5.494	5.152	5.253	5.325	5.408	5.250	5.947	11308	ABI1	NM_001077190_2_-1
Abi1	4.598	4.616	5.403	5.484	4.814	5.102	5.251	5.556	6.123	6.442	11308	ABI1	NM_001077192_2_-1
Abi1	5.925	5.961	6.361	6.219	5.849	5.910	6.137	6.280	6.368	7.224	11308	ABI1	NM_001077193_2_-1
Hs6st2	-4.981	-4.981	-4.948	-4.951	-4.948	-4.975	-4.979	-4.977	-4.981	-4.752	50786	HS6ST2	NM_001077202_X_-1
BC003331	-0.099	-0.560	-0.347	0.038	0.289	-1.437	0.645	-0.355	-0.787	0.312	226499	C1orf27	NM_001077237_1_-1
Ap2a1	3.675	3.774	4.377	4.384	4.397	4.304	4.406	4.628	5.541	5.374	11771	AP2A1	NM_001077264_7_-1
Hnrnpd	5.846	5.611	6.039	6.089	6.463	6.200	6.021	5.867	6.040	5.768	11991	HNRNPD	NM_001077265_5_-1
Hnrnpd	5.082	5.293	5.543	5.404	5.280	5.212	5.231	5.074	5.771	5.310	11991	HNRNPD	NM_001077266_5_-1
Hnrnpd	3.687	3.846	4.077	3.943	3.656	3.557	3.567	3.502	4.271	3.859	11991	HNRNPD	NM_001077267_5_-1
Gsta3	-4.798	-4.981	-4.947	-4.958	-4.858	-4.956	-4.885	-4.969	-4.981	-4.867	14859	GSTA3	NM_001077353_1_+1
C77370	-4.981	-4.981	-4.950	-3.532	-4.675	-4.922	-4.957	-4.041	-4.981	-4.981	245555	KIAA2022	NM_001077354_X_-1

Git2	-1.846	-3.047	-3.954	-1.115	-3.427	-4.663	-3.180	-4.550	-4.495	-4.729	26431	GIT2	NM_001077359_5_-1
Git2	3.867	4.391	4.756	4.797	4.932	4.824	4.984	4.651	4.870	4.935	26431	GIT2	NM_001077360_5_-1
Fhl1	-4.981	-4.981	-4.978	-3.108	-4.716	-4.971	-4.183	-4.966	-4.879	-4.965	14199	FHL1	NM_001077361_X_+1
Fhl1	-3.956	-4.877	-4.704	-4.538	-4.649	-4.862	-4.499	-4.699	-4.144	-4.144	14199	FHL1	NM_001077362_X_+1
Ptbp1	5.285	5.128	5.645	5.959	5.542	5.668	5.326	5.685	5.528	5.778	19205	PTBP1	NM_001077363_10_+1
Tsc22d3	-0.723	-1.576	1.315	1.420	1.323	0.523	2.077	3.068	4.336	4.447	14605	TSC22D3	NM_001077364_X_-1
Ldb2	-4.981	-4.981	-4.978	-4.978	-4.949	-4.351	-4.975	-4.977	-4.981	-4.981	16826	LDB2	NM_001077398_5_-1
Nrp2	-4.981	-3.499	-4.311	-3.727	-2.452	-4.304	-0.747	-1.672	-0.682	0.015	18187	NRP2	NM_001077403_1_+1
Nrp2	-4.981	-3.421	-4.149	-3.465	-1.904	-3.802	-0.661	-0.521	-0.343	0.599	18187	NRP2	NM_001077404_1_+1
Nrp2	-4.981	-2.304	-1.972	-1.608	-2.367	-2.870	0.121	-0.779	-0.922	-0.261	18187	NRP2	NM_001077405_1_+1
Nrp2	-4.186	-4.981	-2.414	-1.330	-1.716	-2.128	0.082	0.608	1.026	1.183	18187	NRP2	NM_001077406_1_+1
Nrp2	-4.076	-4.981	-1.813	-0.236	-0.080	-1.015	0.982	0.547	0.950	2.008	18187	NRP2	NM_001077407_1_+1
Gimap8	0.853	0.484	-4.529	-1.557	-2.813	0.728	-1.425	1.309	-2.577	-2.107	243374	GIMAP8	NM_001077410_6_+1
Gba	7.179	7.236	6.607	6.857	6.388	6.574	6.542	6.624	6.493	6.373	14466	GBA	NM_001077411_3_+1
Pik3r1	5.275	5.321	6.038	6.118	5.948	6.009	5.388	5.367	4.922	5.005	18708	PIK3R1	NM_001077495_13_-1
Evi2b	1.039	2.535	8.745	8.595	8.081	8.267	7.860	7.900	8.217	8.251	216984	EV12B	NM_001077496_11_-1
Gnas	-0.992	-2.224	-4.521	-3.681	-3.792	-4.551	-2.839	-4.397	-1.845	-4.009	14683	GNAS	NM_001077502_2_+1
Tnfrsf9	-0.449	-0.343	1.578	1.611	2.400	2.067	0.453	-0.327	-4.981	-2.306	21942	TNFRSF9	NM_001077508_4_+1
Tnfrsf9	-4.845	-2.207	1.590	1.570	3.169	2.212	1.577	0.376	-2.989	-4.819	21942	TNFRSF9	NM_001077509_4_+1
Gnas	9.316	9.257	7.852	8.199	7.457	7.510	7.397	8.043	8.346	8.458	14683	GNAS	NM_001077510_2_+1
Slc1a2	-4.404	-4.170	-4.371	-4.940	-4.970	-4.970	-4.620	-4.557	-4.981	-4.865	20511	SLC1A2	NM_001077514_2_+1
Slc1a2	-1.134	-1.905	-4.973	-4.236	-4.814	-4.721	-1.932	-0.863	-4.981	-3.033	20511	SLC1A2	NM_001077515_2_+1
Nme2	6.983	6.789	6.486	6.287	6.469	6.368	6.881	6.624	6.516	6.135	18103	NME2	NM_001077529_11_-1
Shroom3	-1.736	-4.981	-1.988	-3.975	-3.190	-4.881	-4.348	-4.862	-2.378	-4.981	27428	SHROOM3	NM_001077595_5_+1
Shroom3	-3.065	-4.981	-3.475	-4.508	-4.459	-4.434	-4.743	-4.939	-3.797	-4.981	27428	SHROOM3	NM_001077596_5_+1
Vwa9	5.018	5.222	5.815	5.898	5.606	5.675	5.161	5.260	5.350	5.547	69882	VWA9	NM_001077631_9_+1
Pigw	1.314	0.319	1.457	0.906	0.352	-0.389	0.825	0.846	1.020	1.243	70325	PIGW	NM_001077636_11_-1
Prrmt2	0.968	2.611	0.802	1.376	-0.297	1.523	0.764	-0.034	-1.136	0.965	15468	PRMT2	NM_001077638_10_-1
Urgcp	3.236	2.242	2.906	2.642	2.752	2.702	2.824	2.755	3.835	3.011	72046	URGCP	NM_001077661_11_-1
Ccdc173	2.246	2.706	-1.776	-2.356	0.953	2.055	-0.021	-0.385	-1.488	-1.891	75051	CCDC173	NM_001077684_2_-1
Lrba	-0.073	0.811	0.665	1.033	1.581	0.331	-1.667	-1.595	-0.184	-1.573	80877	LRBA	NM_001077687_3_+1
Lrba	-2.635	-3.088	0.024	-0.223	0.618	-1.361	-3.272	-4.861	-2.336	0.022	80877	LRBA	NM_001077688_3_+1
Dysf	-4.565	-4.415	-4.918	-4.961	-4.893	-4.961	-4.883	-4.878	-4.981	-4.877	26903	DYSF	NM_001077694_6_+1
Hdac5	3.607	3.843	2.500	2.226	2.421	2.907	3.183	3.704	5.051	4.769	15184	HDAC5	NM_001077696_11_-1
Fmn1	4.730	4.649	6.445	6.195	6.836	6.435	6.861	6.867	8.378	8.223	57778	NA	NM_001077698_11_+1
Ptpn6	3.044	2.282	2.857	3.030	3.028	2.594	2.171	1.257	2.930	2.024	15170	PTPN6	NM_001077705_6_-1
Shprh	3.834	4.093	4.458	4.303	4.328	4.507	3.918	4.253	4.131	4.476	268281	SHPRH	NM_001077707_10_+1
Slc39a7	5.940	5.632	5.055	5.182	4.624	4.812	5.109	5.014	5.144	5.317	14977	SLC39A7	NM_001077709_17_-1
Stag2	3.474	2.771	4.078	3.954	3.946	3.137	2.987	3.256	2.861	3.454	20843	STAG2	NM_001077712_X_+1
Sdhaf3	3.146	3.091	2.350	2.266	2.159	2.425	2.073	1.991	0.844	1.036	71238	SDHAF3	NM_001077713_6_+1
Srsf1	5.809	5.528	5.588	5.389	6.070	6.128	5.829	5.825	5.097	5.623	110809	SRSF1	NM_001078167_11_+1
Henmt1	-4.981	-2.681	0.364	0.458	-4.832	-2.874	-3.700	-4.391	-4.394	-4.981	66715	HENMT1	NM_001078646_3_+1
Tmem134	7.243	6.890	6.947	6.753	6.586	6.442	6.747	6.425	6.257	5.701	66990	TMEM134	NM_001078649_19_+1
Zbtb33	1.982	1.504	1.163	1.393	1.796	-0.031	0.825	-0.040	1.167	1.736	56805	ZBTB33	NM_001079513_X_+1
Syne1	1.783	1.940	6.041	5.670	4.502	4.523	3.959	3.296	2.456	1.610	64009	SYNE1	NM_001079686_10_-1
Slc12a1	-4.981	-4.981	-4.971	-3.398	-4.981	-4.981	-4.935	-4.700	-4.981	-4.981	20495	SLC12A1	NM_001079690_2_+1
Srsf5	8.882	9.114	8.429	8.581	8.678	8.950	8.288	8.616	8.377	8.487	20384	NA	NM_001079694_12_+1
Srsf5	7.234	7.385	6.046	6.109	6.599	6.698	6.479	6.461	6.608	6.386	20384	NA	NM_001079695_12_+1
Glyr1	5.173	5.156	6.124	5.989	6.174	5.857	6.310	6.200	7.103	7.022	74022	GLYR1	NM_001079814_16_-1
Tcf7l1	-4.981	-4.981	-3.361	-4.044	-1.945	-3.819	-3.252	-4.543	-4.421	-4.639	21415	TCF7L1	NM_001079822_6_-1
Hnrnp3	5.616	5.651	4.915	5.090	5.697	5.898	4.940	4.664	3.418	3.752	432467	HNRNP3	NM_001079824_10_-1
Trim33	4.398	2.341	3.461	3.244	3.779	3.123	3.164	2.669	3.299	2.810	94093	TRIM33	NM_001079830_3_+1
Gpc6	-3.505	-4.981	-4.065	-4.567	-4.872	-4.739	-4.201	-4.471	-3.778	-4.981	23888	GPC6	NM_001079844_14_+1
Adgrg2	-3.938	-4.981	-4.723	-4.645	-4.960	-4.972	-4.903	-4.867	-4.666	-4.981	237175	ADGRG2	NM_001079847_X_+1
Adgrg2	-3.344	-4.981	-4.585	-4.236	-4.934	-4.955	-4.863	-4.532	-4.548	-4.981	237175	ADGRG2	NM_001079848_X_+1
Paip1	3.220	2.861	2.452	1.600	1.894	1.253	1.206	-0.128	-0.135	1.394	218693	PAIP1	NM_001079849_13_+1
Adgrg2	-4.008	-4.981	-4.752	-4.682	-4.967	-4.976	-4.914	-4.926	-4.697	-4.981	237175	ADGRG2	NM_001079857_X_+1
Hoxb3	-4.981	-3.479	-4.907	-4.957	-4.596	-4.952	-4.762	-4.838	-2.234	-4.303	15410	HOXB3	NM_001079869_11_+1
Gas2l3	-1.290	3.218	2.086	1.051	-1.104	-2.414	1.501	0.654	1.831	2.421	237436	GAS2L3	NM_001079876_10_-1
Bcl11b	-4.643	-4.402	-4.975	-1.428	-4.920	-4.943	-0.931	-0.730	-4.346	-1.270	58208	BCL11B	NM_001079883_12_-1
Repin1	-3.582	-0.065	-0.861	0.937	-2.729	0.621	-3.036	-0.444	1.804	1.704	58887	REPIN1	NM_001079901_6_+1
Repin1	-0.371	-1.420	1.284	-1.642	-2.651	0.923	-1.214	-1.845	0.256	1.116	58887	REPIN1	NM_001079902_6_+1
Repin1	0.335	-1.140	-1.105	0.484	-3.201	-1.035	-1.692	0.290	2.095	0.310	58887	REPIN1	NM_001079903_6_+1
Repin1	-4.659	-3.861	-2.429	-2.159	-1.413	-2.306	-1.675	0.151	-0.639	0.199	58887	REPIN1	NM_001079904_6_+1
Repin1	-4.314	-0.948	-0.988	-3.042	-2.359	-0.629	-0.312	-0.903	-2.388	-4.579	58887	REPIN1	NM_001079905_6_+1
Fgfr1	0.975	1.624	1.712	-2.274	0.115	1.119	0.597	1.045	-2.043	-4.899	14182	FGFR1	NM_001079908_8_+1
Fgfr1	3.732	3.274	3.374	2.462	1.552	2.601	2.756	3.536	-0.627	-2.066	14182	FGFR1	NM_001079909_8_+1
Ccdc154	-4.981	-4.981	-4.954	-4.378	-4.480	-4.954	-4.960	-4.971	-1.195	-4.227	207209	CCDC154	NM_001079929_17_+1
Trim72	-3.668	-4.981	-4.981	-3.971	-4.973	-4.949	-3.534	-3.142	-4.981	-2.750	434246	TRIM72	NM_001079932_7_+1
Med1	1.740	2.704	3.691	4.660	3.245	4.538	2.140	3.489	3.659	4.379	19014	MED1	NM_001080118_11_-1
Casp8	5.240	5.579	3.067	3.156	3.576	4.006	3.940	4.328	4.788	4.903	12370	CASP8	NM_001080126_1_+1
Rnps1	4.298	3.599	3.900	4.025	3.374	3.940	3.306	3.480	2.874	3.038	19826	RNPS1	NM_001080127_17_+1
Rnps1	6.008	5.552	6.291	5.609	6.536	5.612	6.239	5.334	6.087	4.871	19826	RNPS1	NM_001080128_17_+1
Tmpo	5.570	5.606	7.791	8.004	7.850	7.895	7.317	7.485	8.265	8.553	21917	TMPO	NM_001080129_10_-1

Tmpo	1.553	2.836	4.683	4.295	4.716	4.367	4.214	4.209	4.048	5.144	21917	TMPO	NM_001080130_10_-1
Tmpo	0.556	0.356	2.500	2.553	2.644	1.831	2.499	1.560	2.370	3.977	21917	TMPO	NM_001080131_10_-1
Tmpo	1.858	2.138	3.512	3.365	3.210	3.514	3.557	2.875	3.262	3.921	21917	TMPO	NM_001080132_10_-1
Cenpm	0.875	-0.020	0.558	0.472	1.840	1.163	0.991	-0.420	0.157	-2.324	66570	CENPM	NM_001080158_15_-1
Fam65b	-3.848	-4.244	-3.945	-4.868	-4.980	-4.981	-4.981	-4.981	-4.981	-4.981	193385	FAM65B	NM_001080381_13_+1
CltA	7.396	7.457	7.385	7.609	7.068	7.202	7.080	7.176	7.139	7.060	12757	CLTA	NM_001080384_4_+1
CltA	-2.121	-1.794	-4.098	-2.213	-4.657	-2.347	-3.962	-4.909	-4.981	-4.759	12757	CLTA	NM_001080385_4_+1
CltA	3.636	3.476	3.620	3.818	2.786	3.104	3.094	3.022	2.763	2.792	12757	CLTA	NM_001080386_4_+1
Srsf10	5.120	5.489	5.692	5.576	5.753	5.586	5.788	5.494	5.072	5.315	14105	SRSF10	NM_001080387_4_+1
Mark2	3.152	3.220	4.031	4.474	4.721	4.178	4.381	4.367	5.649	5.640	13728	MARK2	NM_001080388_19_-1
Mark2	1.315	2.593	2.175	1.975	1.938	3.135	3.057	2.610	2.922	2.733	13728	MARK2	NM_001080389_19_-1
Mark2	2.681	2.119	1.235	2.649	3.142	3.429	1.875	1.974	3.027	2.830	13728	MARK2	NM_001080390_19_-1
Usp6nl	3.046	2.866	4.388	4.570	5.608	5.614	4.702	4.376	4.305	4.461	98910	USP6NL	NM_001080548_2_+1
Gsg1	0.549	-0.048	1.990	-0.328	3.707	2.880	3.260	1.078	-3.823	0.846	14840	GSG1	NM_001080552_6_-1
Gsg1	-4.668	-4.470	-4.783	-4.934	-4.919	-4.964	-4.765	-4.945	-4.944	-4.927	14840	GSG1	NM_001080553_6_-1
Vamp1	3.160	3.236	2.383	2.463	2.723	2.857	2.584	2.490	3.769	3.835	22317	VAMP1	NM_001080557_6_+1
Btaf1	4.623	4.746	5.279	5.121	5.437	5.265	5.062	5.091	4.950	5.166	107182	BTA1F1	NM_001080706_19_+1
Fam65c	-4.981	-2.600	-4.977	-4.425	-4.970	-4.970	-4.888	-4.533	-4.981	-4.981	69553	FAM65C	NM_001080708_2_-1
Dfnb59	0.028	-0.918	1.550	0.881	-3.153	-2.672	-2.735	-4.311	-1.536	-3.098	381375	DFNB59	NM_001080711_2_+1
Vamp5	-2.833	-4.981	-0.806	-1.371	-0.687	-0.505	-0.540	-1.043	-2.355	-2.342	53620	VAMP5	NM_001080742_6_-1
Grk4	1.073	0.934	1.479	1.311	1.307	1.091	0.944	1.084	0.924	2.020	14772	GRK4	NM_001080743_5_+1
Gtf2i	-2.486	2.039	-1.952	-1.436	-3.056	-2.344	-1.842	-2.033	-3.985	-4.278	14886	GTF2I	NM_001080746_5_-1
Gtf2i	-0.058	-2.439	-1.977	-1.719	-0.981	-0.561	-2.943	-3.700	-3.844	-4.233	14886	GTF2I	NM_001080747_5_-1
Gtf2i	3.770	0.034	1.191	2.495	1.002	1.327	1.527	2.406	1.247	0.224	14886	GTF2I	NM_001080748_5_-1
Gtf2i	4.317	4.075	2.763	2.851	1.791	2.430	2.944	3.513	3.092	2.808	14886	GTF2I	NM_001080749_5_-1
Ambra1	3.536	3.429	4.734	4.548	4.795	4.685	4.355	4.065	4.940	4.843	228361	AMBRA1	NM_001080754_2_+1
Zzz3	4.556	4.434	5.006	4.878	4.812	4.713	4.806	4.835	4.839	5.204	108946	ZZZ3	NM_001080755_3_+1
Uhrf1bp1	1.077	2.112	2.253	2.287	1.683	1.021	2.155	1.742	2.961	2.718	224648	UHRF1BP1	NM_001080769_17_+1
Pdpk1	3.286	3.862	2.403	2.743	3.030	2.747	1.131	2.180	1.525	1.029	18607	PDPK1	NM_001080773_17_-1
Myo1c	4.215	3.877	3.713	4.079	4.694	4.359	4.494	3.861	4.582	3.835	17913	MYO1C	NM_001080774_11_+1
Myo1c	1.916	2.093	3.072	3.087	2.255	2.562	3.679	4.214	5.754	5.940	17913	MYO1C	NM_001080775_11_+1
Gm1123	-1.403	-2.681	-4.422	-3.475	-2.897	-3.920	-3.563	-2.154	-1.872	-0.822	382097	NA	NM_001080776_9_-1
Ret	-4.981	-4.981	-3.508	-3.889	1.481	2.022	0.081	-0.443	-3.750	-3.459	19713	RET	NM_001080780_6_-1
Ash2l	-2.792	-2.625	-3.642	-2.753	-1.090	-1.847	-2.835	-0.844	-3.553	1.231	23808	ASH2L	NM_001080793_8_-1
G3bp2	-0.192	-1.349	-0.133	0.017	-0.651	-0.971	-1.062	-0.690	0.711	-0.268	23881	G3BP2	NM_001080794_5_-1
G3bp2	6.366	6.287	7.290	7.236	6.738	6.709	6.896	6.981	7.537	7.731	23881	G3BP2	NM_001080795_5_-1
G3bp2	2.643	1.745	3.371	2.958	2.521	1.980	1.931	2.590	3.716	2.515	23881	G3BP2	NM_001080796_5_-1
G3bp2	0.938	0.700	1.029	-2.022	1.326	0.276	0.406	-0.015	0.269	0.988	23881	G3BP2	NM_001080797_5_-1
Aff1	2.244	2.667	3.905	3.294	0.248	1.085	0.612	1.177	0.789	0.649	17355	AFF1	NM_001080798_5_+1
Ccdc64	-1.857	-2.087	-2.860	-2.335	-1.593	-2.586	-4.188	-2.463	-1.374	-2.895	75665	BICDL1	NM_001080808_5_-1
Bpifa6	-4.981	-4.981	-4.280	-2.284	0.971	2.081	-1.100	-2.645	-4.981	-4.981	545477	NA	NM_001080811_2_+1
Cib3	-1.275	-4.981	-4.447	-4.515	-1.188	-1.605	-2.278	-4.420	-3.461	-3.449	234421	CIB3	NM_001080812_8_-1
Rab11fip1	0.283	-4.981	4.601	4.204	3.158	3.123	2.666	2.715	3.589	3.317	75767	RAB11FIP1	NM_001080813_8_-1
Fat3	-4.981	-1.991	-2.305	-1.060	-4.204	-2.092	-3.884	-4.789	-4.190	-4.981	270120	FAT3	NM_001080814_9_-1
Prdm10	-0.561	-0.816	0.055	0.101	0.649	0.325	-0.028	0.103	1.705	1.754	382066	PRDM10	NM_001080817_9_+1
Cdc14a	3.253	5.479	5.686	4.992	5.549	5.127	4.899	4.364	4.144	3.782	229776	CDC14A	NM_001080818_3_-1
Arid1a	6.226	6.433	6.174	6.323	6.888	6.777	6.665	6.485	6.131	6.366	93760	ARID1A	NM_001080819_4_-1
Cass4	-0.353	-3.113	-1.509	-3.015	3.070	2.386	1.940	1.720	2.342	2.103	320664	CASS4	NM_001080820_2_+1
Znrf3	1.861	0.972	-0.998	-1.452	-0.639	-1.713	-0.725	1.117	-0.767	-1.689	407821	ZNRF3	NM_001080924_11_-1
Rapgef1l	-0.735	-0.611	-1.688	-2.750	-1.421	-3.548	-2.131	-1.400	-0.631	-0.824	268480	RAPGEFL1	NM_001080925_11_+1
Lrp8	7.493	6.830	0.647	0.897	4.805	5.249	3.685	3.495	2.033	2.670	16975	LRP8	NM_001080926_4_+1
Rbpj	3.474	3.090	6.055	5.452	4.868	4.525	5.385	4.573	5.462	4.925	19664	RBPJ	NM_001080927_5_+1
Rbpj	-3.826	-3.991	-1.369	-3.326	-1.194	-4.619	-0.647	-2.010	3.118	1.663	19664	RBPJ	NM_001080928_5_+1
Cdr2l	-2.105	-3.267	-1.163	-1.148	-3.203	-2.839	-1.979	-1.419	-1.057	-2.015	237988	CDR2L	NM_001080929_11_+1
Atxn1l	1.991	2.155	2.791	2.832	2.475	2.426	2.552	2.110	2.961	3.024	52335	ATXN1L	NM_001080930_8_-1
Med13	5.740	5.491	5.656	5.373	5.853	5.626	5.482	5.322	5.059	5.315	327987	MED13	NM_001080931_11_-1
Foxk2	3.444	3.415	4.249	4.178	4.442	4.168	4.209	3.834	4.293	4.396	68837	FOXK2	NM_001080932_11_+1
Slc16a5	-4.981	-1.693	-3.184	-3.131	-3.634	-3.391	-2.908	-0.945	-4.981	-1.689	217316	SLC16A5	NM_001080934_11_+1
B230217C12Rik	2.682	0.480	4.326	3.900	5.119	4.912	4.481	3.050	-0.088	-1.037	68127	NA	NM_001080935_11_+1
Zfp429	3.807	3.981	3.891	3.653	3.835	4.017	3.724	3.976	3.615	3.923	72807	NA	NM_001080941_13_-1
Atp8b4	-1.316	-0.678	4.096	4.300	5.606	5.499	5.353	5.316	6.847	6.795	241633	ATP8B4	NM_001080944_2_-1
Larp4	-3.464	-3.304	-2.753	-4.339	-3.526	-4.675	-3.796	-4.824	-0.713	-0.971	207214	LARP4	NM_001080948_15_+1
Ttc5	6.231	6.367	6.186	6.398	6.286	6.538	6.058	6.057	5.658	5.737	219022	TTC5	NM_001080949_14_-1
Sp2	2.312	2.319	3.047	2.468	3.947	3.183	3.743	3.609	5.074	4.799	78912	SP2	NM_001080964_11_-1
Aurkc	-4.981	-3.315	-4.589	-3.559	-4.268	-4.967	-4.556	-4.925	-3.925	-2.943	20871	AURKC	NM_001080965_7_+1
Aurkc	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	20871	AURKC	NM_001080966_7_+1
Tmsb15b2	-2.016	-4.981	-4.922	-2.623	-4.097	-4.131	-4.579	-4.970	-2.664	-4.981	100034363	NA	NM_001080967_X_-1
Golga2	4.328	4.396	4.125	3.932	4.075	3.547	3.690	3.432	4.372	4.051	99412	GOLGA2	NM_001080968_2_+1
Thg1l	2.434	4.267	2.697	4.483	1.767	3.666	1.440	3.450	1.447	2.432	66628	THG1L	NM_001080969_11_-1
Tubb1	-0.181	-4.981	-0.741	-0.266	0.095	-0.631	0.021	-1.386	2.554	2.031	545486	TUBB1	NM_001080971_2_+1
Sri	9.046	8.766	8.791	8.590	8.990	8.895	8.773	8.489	7.889	7.696	109552	SRI	NM_001080974_5_+1
Rsbnl1	5.544	5.288	4.838	4.639	5.050	5.197	4.952	4.515	3.946	4.048	242860	RSBN1L	NM_001080977_5_-1
Ddx23	2.819	2.570	3.173	3.053	2.863	2.913	2.372	2.420	1.960	1.953	74351	DDX23	NM_001080981_15_-1
Ddias	1.267	1.419	0.803	1.610	1.635	0.884	0.962	1.138	0.448	0.534	74041	DDIAS	NM_001080995_7_-1

Trmt2a	6.519	6.804	6.097	6.105	6.307	6.238	6.029	5.924	5.598	5.625	15547	TRMT2A	NM_001080999_16_+_1
Trmt2a	4.054	4.138	2.664	2.368	3.295	2.201	2.305	2.136	1.744	1.990	15547	TRMT2A	NM_001081000_16_+_1
Brca2	-0.938	-0.396	0.149	1.487	1.828	1.778	0.808	-0.264	-3.436	-3.044	12190	BRC2A	NM_001081001_5_+_1
Record_removed	4.936	4.704	5.471	5.297	4.718	4.399	5.596	5.174	4.682	4.512	Record_remove	NA	NM_001081005_2_+_1
Et4	-4.981	-4.981	-4.958	-4.891	-4.979	-4.818	-4.951	-4.476	-4.981	-1.590	208618	KIAA1217	NM_001081006_2_+_1
Zfp382	1.916	2.168	2.447	2.043	3.039	2.257	1.770	1.855	1.322	1.684	233060	ZNF382	NM_001081007_7_+_1
Parp8	5.431	5.507	6.606	7.166	6.086	5.790	5.887	5.684	5.889	5.666	52552	PARP8	NM_001081009_13_+_1
Srgap2	3.844	3.152	5.164	5.014	3.946	3.520	4.707	4.992	6.141	6.267	14270	SRGAP2	NM_001081011_1_+_1
Ccdc171	3.140	3.004	3.619	3.525	3.426	3.552	2.851	2.708	2.358	2.170	320226	CCDC171	NM_001081012_4_+_1
Rlf	4.235	4.505	4.354	4.366	4.615	4.591	4.284	4.040	4.748	4.643	109263	RLF	NM_001081013_4_+_1
Zc3h7b	2.039	1.695	1.949	1.508	2.404	2.218	2.006	1.310	0.353	0.283	20286	ZC3H7B	NM_001081016_15_+_1
Gm12657	2.070	2.092	2.245	1.929	2.592	2.553	2.462	1.977	2.189	1.941	667250	H3F3C	NM_001081019_4_+_1
Adamts6	0.449	0.763	-0.378	-0.525	-0.334	-1.252	-1.619	-0.493	1.063	1.129	108154	ADAMTS6	NM_001081020_13_+_1
Zfp780b	2.392	2.794	2.101	1.972	2.593	2.608	2.685	2.196	2.470	2.822	338354	ZNF780B	NM_001081021_7_+_1
D430042009Rik	1.550	-0.182	2.036	1.512	1.634	1.564	1.193	1.587	2.978	2.612	233865	KIAA0556	NM_001081022_7_+_1
Cacna1s	0.598	0.332	-0.983	-0.213	0.501	-0.061	-2.366	-3.466	-4.633	-4.981	12292	CACNA1S	NM_001081023_1_+_1
Record_removed	4.135	4.202	5.196	4.953	5.322	4.648	5.412	4.930	5.327	4.970	Record_remove	NA	NM_001081024_14_+_1
Sipa1l3	0.754	0.307	4.102	3.978	3.830	3.467	3.928	3.744	4.652	4.683	74206	SIPA1L3	NM_001081028_7_+_1
Tmem243	5.402	4.476	5.986	5.866	5.230	5.126	5.647	5.856	6.136	5.716	652925	TMEM243	NM_001081029_5_+_1
Sbf1	4.563	4.357	5.579	5.273	5.602	5.680	4.797	4.309	2.975	2.222	77980	SBF1	NM_001081030_15_+_1
Gm8909	-0.117	-0.471	-0.122	-0.063	-0.095	-1.211	-0.524	-1.768	-0.419	-1.254	667977	HLA-A	NM_001081032_17_+_1
Pde11a	-4.981	-4.981	-4.763	-2.720	-4.975	-4.975	-4.972	-4.249	-4.981	-4.981	241489	PDE11A	NM_001081033_2_+_1
Fbxo11	5.167	4.888	4.681	4.478	4.878	4.799	4.600	3.894	3.667	4.072	225055	FBXO11	NM_001081034_17_+_1
Srgap1	-3.483	-3.776	-4.144	-4.573	-4.688	-4.795	-4.333	-4.657	-4.981	-3.544	117600	SRGAP1	NM_001081037_10_+_1
Btbd16	0.347	1.338	-1.094	-1.246	1.520	1.843	0.822	-0.053	-4.981	-3.311	330660	BTBD16	NM_001081038_7_+_1
Dock9	-3.073	-3.565	-3.544	-2.769	-2.703	-3.535	-1.904	-2.376	-4.306	-4.320	105445	DOCK9	NM_001081039_14_+_1
Coq10a	4.759	4.478	3.845	3.595	3.739	3.911	3.866	3.910	4.514	4.342	210582	COQ10A	NM_001081040_10_+_1
Vps51	5.391	5.409	5.630	5.416	5.211	5.185	5.423	5.440	6.376	6.290	68505	VPS51	NM_001081041_19_+_1
Ptpn23	2.949	2.966	3.376	3.300	3.338	3.275	2.909	2.815	2.122	2.150	104831	PTPN23	NM_001081043_9_+_1
Kansl1	4.679	4.478	5.088	5.039	5.542	5.479	5.511	5.346	6.039	6.110	76719	KANSL1	NM_001081045_11_+_1
Efcab3	-4.981	-4.981	-3.846	-4.638	-4.968	-4.881	-4.968	-4.975	-4.981	-4.981	70894	EFCAB3	NM_001081046_11_+_1
Cnksr1	-4.981	-4.981	-3.397	-4.957	-4.884	-4.964	-3.974	-2.712	-4.981	-4.981	194231	CNKS1R	NM_001081047_4_+_1
Kmt2a	5.044	4.754	5.550	5.397	5.786	5.707	5.279	5.144	4.703	4.757	214162	KMT2A	NM_001081049_9_+_1
Pard3b	-3.843	-0.149	-1.576	-0.878	2.726	1.122	0.203	-0.364	-0.734	-1.056	72823	PARD3B	NM_001081050_1_+_1
Nhs	-4.009	-4.981	-4.981	-4.981	-4.961	-4.692	-4.873	-4.323	-4.981	-3.330	195727	NHS	NM_001081052_X_+_1
Qrsl1	4.507	4.939	4.116	4.211	4.270	4.101	3.623	3.771	3.451	2.941	76563	QRSL1	NM_001081054_10_+_1
Trappc10	4.390	4.368	4.240	4.144	4.482	4.598	4.926	4.494	4.914	4.906	216131	TRAPPC10	NM_001081055_10_+_1
Xpot	3.396	3.345	4.254	4.268	4.636	4.568	4.530	4.459	4.881	4.933	73192	XPO1	NM_001081056_10_+_1
Tecpr2	-1.679	-1.266	0.325	0.033	-0.797	-1.278	-0.452	-1.457	0.492	0.789	104859	TECPR2	NM_001081057_12_+_1
Cdk13	1.263	2.620	2.463	2.080	2.651	2.749	1.798	2.090	3.644	2.807	69562	CDK13	NM_001081058_13_+_1
Mcur1	5.064	4.950	5.852	5.608	5.791	5.702	5.914	5.799	6.366	6.389	76137	MCUR1	NM_001081059_13_+_1
Bdp1	4.969	5.054	5.119	5.061	5.281	5.307	5.182	4.865	4.408	4.549	544971	BDP1	NM_001081061_13_+_1
Ccno	-3.563	-2.583	-4.125	-4.285	-4.379	-4.278	-3.801	-3.080	-0.565	-0.837	218630	CCNO	NM_001081062_13_+_1
Pdzd2	0.730	0.994	0.750	1.073	-0.468	0.055	-0.142	-1.121	-0.028	0.277	68070	PDZD2	NM_001081064_15_+_1
Znf707	3.548	3.370	2.183	2.176	2.782	2.975	2.659	2.286	2.509	2.755	69020	ZNF707	NM_001081065_15_+_1
Dennd3	3.728	2.513	4.315	3.655	6.882	6.516	5.537	4.557	3.189	4.413	105841	DENND3	NM_001081066_15_+_1
Ltn1	4.868	5.102	5.102	4.860	4.980	4.859	4.883	4.840	5.356	5.412	78913	LTN1	NM_001081068_16_+_1
Rgs11	-3.668	-2.137	1.595	2.360	2.512	2.956	1.480	0.681	-1.134	-2.243	50782	RG511	NM_001081069_17_+_1
Pdia2	-3.090	-4.981	-3.403	-1.084	-3.601	-0.443	-2.894	-0.780	-4.394	-3.510	69191	PDIA2	NM_001081070_17_+_1
Lclat1	1.370	1.836	0.886	0.809	-0.975	0.641	0.616	0.401	0.139	1.522	225010	LCLAT1	NM_001081071_17_+_1
Cep76	1.411	1.731	2.026	2.624	2.394	2.536	2.254	2.964	2.629	3.105	225659	CEP76	NM_001081073_18_+_1
Fra10ac1	4.941	5.179	3.984	4.139	4.390	4.203	4.287	3.890	2.848	2.976	70567	FRA10AC1	NM_001081075_19_+_1
Gucy2g	-4.981	-4.981	-4.908	-1.069	-4.971	-4.971	-4.753	-4.564	-4.981	-4.981	73707	NA	NM_001081076_19_+_1
Cwf19l1	3.895	4.119	4.364	4.212	4.301	4.305	3.657	3.842	3.612	3.563	72502	CWF19L1	NM_001081077_19_+_1
Lct	-4.981	-2.600	-3.880	-3.939	-3.936	-4.545	-4.968	-4.271	-4.981	-4.981	226413	LCT	NM_001081078_1_+_1
Ogfrl1	6.558	7.014	6.657	6.912	7.600	7.246	7.380	6.702	7.242	7.194	70155	OGFRL1	NM_001081079_1_+_1
Phf3	4.807	4.702	5.147	5.028	5.459	5.362	5.392	5.220	5.500	5.349	213109	PHF3	NM_001081080_1_+_1
Gls	3.287	3.687	3.949	4.128	3.242	3.261	3.309	3.334	3.445	3.978	14660	GLS	NM_001081081_1_+_1
Armc3	-0.967	-0.634	-3.627	-4.200	-4.068	-4.623	-3.062	-4.135	-1.778	-3.300	70882	ARMC3	NM_001081083_2_+_1
Cubn	-1.611	-3.267	-4.111	-3.312	-4.673	-4.041	-4.651	-4.959	-3.738	-4.316	65969	CUBN	NM_001081084_2_+_1
Sapcd2	-4.981	-1.347	-0.124	0.456	0.127	-0.657	0.603	-1.570	-2.313	-2.347	72080	SAPCD2	NM_001081085_2_+_1
Ppig	7.037	6.975	6.306	6.183	6.263	6.315	6.457	6.201	5.805	5.985	228005	PIIG	NM_001081086_2_+_1
Klhl41	-0.854	-4.981	-3.286	-4.638	-3.311	-4.153	-3.532	-4.199	-1.291	-0.484	228003	KLHL41	NM_001081087_2_+_1
Gpat2	-4.981	-1.523	-2.901	-1.528	-2.430	-1.260	-4.370	-1.673	-1.755	-2.023	215456	GPAT2	NM_001081089_2_+_1
Esf1	5.317	5.018	4.788	4.915	4.935	4.951	5.097	4.833	3.899	4.054	66580	ESF1	NM_001081090_2_+_1
Cep152	2.979	3.163	4.511	3.753	3.511	3.116	3.258	2.870	3.125	2.294	99100	CEP152	NM_001081091_2_+_1
Taf4	4.556	4.542	3.873	3.693	4.052	4.037	3.903	3.648	4.075	4.044	228980	TAFA4	NM_001081092_2_+_1
Arfp1	4.806	5.139	5.076	5.015	4.736	4.537	4.799	4.807	5.355	5.722	99889	ARFP1	NM_001081093_3_+_1
Znhit6	4.984	4.790	4.310	4.595	4.328	4.563	4.033	3.999	2.581	2.864	229937	ZNHIT6	NM_001081094_3_+_1
Zfp362	4.552	4.222	3.395	3.427	4.703	4.684	4.103	3.886	3.739	3.313	230761	ZNF362	NM_001081098_4_+_1
Aunip	-4.981	-2.681	0.309	0.465	1.396	-0.389	0.195	-0.170	-0.576	-2.138	69885	AUNIP	NM_001081099_4_+_1
Morn1	0.864	0.571	3.768	3.722	0.543	0.010	-0.057	0.072	-0.605	-1.431	76866	MORN1	NM_001081100_4_+_1
Uvssa	4.326	4.556	3.596	3.389	3.979	3.992	3.643	3.503	3.446	3.537	71101	UVSSA	NM_001081101_5_+_1
Whsc1	2.016	2.059	3.544	3.779	3.570	3.025	3.032	3.263	3.293	3.498	107823	WHSC1	NM_001081102_5_+_1

Stim2	4.154	4.315	4.623	4.594	5.399	5.470	5.096	4.784	5.675	5.746	116873	STIM2	NM_001081103_5_+_1
Rhoh	6.632	6.690	3.996	4.677	5.316	5.508	5.059	5.827	3.832	4.203	74734	RHOH	NM_001081105_5_+_1
Helq	3.902	3.944	2.509	2.480	3.701	3.590	2.774	2.914	2.806	2.836	191578	HELO	NM_001081107_5_-_1
Lamtor4	6.878	6.425	5.033	4.969	5.226	5.183	5.814	5.804	6.395	5.817	66096	LAMTOR4	NM_001081108_5_+_1
Lmtk2	4.209	4.262	4.441	4.497	5.337	5.493	4.686	4.197	3.651	3.162	231876	LMTK2	NM_001081109_5_+_1
Cd8a	7.381	5.708	9.399	8.986	0.379	1.107	2.384	3.063	-1.216	-0.376	12525	CD8A	NM_001081110_6_+_1
Tmf1	5.369	5.556	5.879	5.752	5.750	5.875	5.350	5.480	5.072	5.332	232286	TMF1	NM_001081111_6_-_1
Ankrd26	3.151	3.483	2.412	2.253	3.072	3.005	2.232	2.168	1.602	1.872	232339	ANKRD26	NM_001081112_6_-_1
Ipo8	3.904	4.159	4.379	4.313	4.573	4.802	4.497	4.551	4.494	5.057	320727	IPO8	NM_001081113_6_-_1
Clip3	-3.189	-2.883	-4.945	-4.318	-2.294	-2.357	-2.136	-3.483	-4.981	-4.981	76686	CLIP3	NM_001081114_7_+_1
Nccrp1	-2.620	-2.239	0.314	0.405	0.787	3.259	0.633	1.244	-0.854	-1.239	233038	NCCRP1	NM_001081115_7_-_1
Arhgef17	-4.981	-4.981	-1.312	-0.631	-1.794	-3.682	-3.486	-2.287	-1.904	-2.124	207212	ARHGEF17	NM_001081116_7_-_1
Mki67	1.486	2.134	5.452	5.740	6.410	6.098	5.414	5.177	3.906	3.619	17345	MKI67	NM_001081117_7_-_1
Phrf1	4.301	4.118	5.110	5.101	5.220	5.098	5.222	5.096	5.539	5.665	101471	PHRF1	NM_001081118_7_+_1
Abhd13	3.714	3.810	4.096	4.027	3.831	3.805	3.945	4.230	4.897	4.776	68904	ABHD13	NM_001081119_8_+_1
Fam89a	2.112	-2.883	1.835	2.725	3.303	2.969	0.898	0.294	1.380	0.437	69627	FAM89A	NM_001081120_8_-_1
Jhy	-4.981	0.133	-4.899	-0.092	-4.932	0.747	-4.938	0.742	-4.981	-4.981	70989	C11orf63	NM_001081121_9_-_1
Cep63	0.821	0.618	0.469	0.661	3.182	1.921	0.168	0.033	0.501	0.967	28135	CEP63	NM_001081122_9_-_1
Gpr161	-4.981	-2.848	-2.813	-2.214	-0.276	-0.499	-3.515	-3.284	-4.578	-4.239	240888	GPR161	NM_001081126_1_+_1
Adamts14	-4.981	-4.981	-4.522	-2.975	-2.485	-3.256	-1.952	-3.003	-1.616	-4.981	237360	ADAMTS14	NM_001081127_10_-_1
Mtr	2.264	2.395	2.845	3.252	3.904	4.031	3.652	3.542	4.228	4.347	238505	MTR	NM_001081128_13_-_1
Dhtkd1	-2.178	-2.600	-4.966	-4.966	-3.523	-1.755	-3.997	-4.752	-4.981	-4.981	209692	DHTKD1	NM_001081131_2_-_1
Upf2	4.210	4.105	4.557	4.776	5.221	5.240	4.926	4.619	4.170	4.172	326622	UPF2	NM_001081132_2_+_1
Kif16b	3.253	3.316	3.792	3.977	3.809	3.610	3.649	3.561	4.067	4.094	16558	KIF16B	NM_001081133_2_-_1
Kcng1	-2.559	-1.670	-3.775	-4.974	-4.568	-2.815	-3.305	-3.447	-4.981	-4.981	241794	KCNG1	NM_001081134_2_-_1
Prrg3	-4.981	-4.981	-3.764	-2.531	-4.099	-4.122	-4.804	-4.971	-4.981	-4.981	208748	PRRG3	NM_001081135_X_+_1
Ankrd35	-2.105	-1.159	0.221	-0.346	3.141	1.406	0.877	-1.767	-4.981	-4.342	213121	ANKRD35	NM_001081139_3_+_1
Gabbr2	-4.981	-4.981	-4.065	-4.147	-4.977	-4.977	-3.730	-4.586	-2.505	-2.923	242425	GABBR2	NM_001081141_4_-_1
Gnat3	-4.981	-4.981	-1.743	-2.064	-4.981	-4.981	-4.976	-4.969	-3.043	-3.209	242851	GNAT3	NM_001081143_5_+_1
Zfp518b	0.059	0.554	-1.968	-2.527	-1.725	-4.011	-2.636	-2.437	-0.637	-4.713	100515	ZNF518B	NM_001081144_5_-_1
Tigd2	5.561	5.385	4.113	4.019	4.351	4.640	4.470	4.694	4.182	4.358	68140	TIGD2	NM_001081145_6_+_1
Kat6a	5.546	5.555	5.884	5.714	6.209	6.145	5.583	5.490	5.490	5.334	244349	KAT6A	NM_001081149_8_+_1
Lonrf1	0.074	0.050	0.717	0.299	1.189	1.931	1.122	1.698	2.829	3.568	244421	LONRF1	NM_001081150_8_-_1
Gan	0.244	0.996	0.686	0.391	0.387	0.043	0.138	-1.229	0.663	0.221	209239	GAN	NM_001081151_8_+_1
Npat	3.082	3.305	3.930	3.771	4.001	3.490	3.902	3.234	3.599	3.568	244879	NPAT	NM_001081152_9_+_1
Marf1	3.091	2.829	2.969	3.167	3.417	3.407	2.892	2.682	2.428	2.440	223989	KIAA0430	NM_001081154_16_-_1
Rap1gap	-1.858	-1.170	-0.728	-0.303	-3.751	-2.818	-2.959	-2.913	-1.431	-1.686	110351	RAP1GAP	NM_001081155_4_+_1
Cluh	3.331	3.458	3.651	3.730	3.740	3.645	4.094	4.231	5.259	4.736	74148	CLUH	NM_001081158_11_+_1
Mdga1	1.081	1.613	-0.140	-0.422	-1.549	-1.722	-0.283	0.088	1.585	1.438	74762	MDGA1	NM_001081160_17_-_1
Fam171a1	-0.946	-3.783	-4.862	-2.131	-4.883	-4.882	-4.877	-3.534	-1.319	0.691	269233	FAM171A1	NM_001081161_2_+_1
Slc4a11	-4.981	-4.981	-4.739	-1.612	-3.775	-0.309	-4.796	-1.605	-1.087	0.331	269356	SLC4A11	NM_001081162_2_-_1
Chsy1	3.238	3.350	5.194	4.752	4.947	4.092	4.542	5.045	5.836	6.321	269941	CHSY1	NM_001081163_7_+_1
Otud4	3.023	4.210	4.211	3.627	3.696	4.240	4.296	3.637	3.642	3.602	73945	OTUD4	NM_001081164_8_+_1
Phf21b	-3.327	-4.981	-4.424	-3.203	-2.064	-4.101	-3.538	-3.999	-4.508	-3.203	271305	PHF21B	NM_001081166_15_-_1
B3gnt6	-2.273	-4.981	-3.016	-4.131	-2.382	-3.093	-1.816	-1.309	0.119	0.622	272411	B3GNT6	NM_001081167_7_-_1
Sap30l	4.476	4.750	4.070	4.246	3.880	3.797	4.069	4.013	4.173	4.071	50724	SAP30L	NM_001081168_11_+_1
Pacs2	2.776	3.536	4.552	4.243	4.637	4.401	4.968	5.065	6.326	6.383	217893	PACS2	NM_001081170_12_+_1
Lama5	-4.981	-4.981	-4.975	-4.870	-4.530	-3.754	-2.850	-4.854	-4.981	-4.981	16776	LAMA5	NM_001081171_2_-_1
Lrch2	-4.981	-4.981	-4.911	-4.022	-4.209	-3.501	-4.983	-3.918	-4.981	-4.981	210297	LRCH2	NM_001081173_X_-_1
Rsg1	-0.953	-4.981	-4.782	-4.970	-2.010	-4.937	-1.331	-4.957	-1.256	-4.981	76166	RSG1	NM_001081174_4_+_1
Itpkb	1.253	0.914	1.774	1.533	2.300	2.300	1.976	2.143	2.897	2.818	320404	ITPKB	NM_001081175_1_+_1
Polr3g	2.602	2.589	3.643	3.372	3.380	3.562	2.393	2.436	1.789	1.475	67486	POLR3G	NM_001081176_13_-_1
Kif13b	1.858	0.140	2.469	2.375	2.670	2.153	2.430	1.496	2.600	2.199	16554	KIF13B	NM_001081177_14_+_1
Adgrf5	-0.778	-4.981	-0.027	0.610	-4.618	-4.855	-3.909	-2.907	-4.981	-2.572	224792	ADGRF5	NM_001081178_17_+_1
Heatrs5b	2.852	3.119	3.228	3.434	3.422	3.537	3.433	3.335	3.896	4.248	320473	HEATR5B	NM_001081179_17_-_1
9430016H08Rik	5.566	5.596	4.903	4.783	4.673	4.678	4.734	4.377	4.051	4.049	68115	C2orf47	NM_001081181_1_+_1
Atp8b2	4.743	4.472	5.135	5.108	4.784	4.948	5.024	5.449	5.599	5.789	54667	ATP8B2	NM_001081182_3_-_1
1110037F02Rik	4.626	4.750	4.872	4.925	5.066	5.085	4.740	4.939	5.301	5.544	66185	KIAA1429	NM_001081183_4_+_1
Focad	1.743	1.932	2.523	2.535	1.309	1.983	2.435	2.503	3.065	3.273	230393	FOCAD	NM_001081184_4_+_1
Tmem52b	-4.981	-1.355	-2.624	-4.951	-0.922	-4.651	-2.604	-4.479	-4.981	-4.316	330428	TMEM52B	NM_001081186_6_+_1
Htra4	-4.981	-4.981	-4.941	-4.854	-4.614	-5.006	-4.876	-4.338	-4.981	-4.981	330723	HTRA4	NM_001081187_8_-_1
Exosc7	6.129	6.156	5.506	5.647	5.770	5.866	5.630	5.536	4.387	4.042	66446	EXOSC7	NM_001081188_9_+_1
Uprrt	0.126	1.039	0.847	0.402	0.834	0.166	0.382	-1.509	0.559	0.855	331487	UPRRT	NM_001081189_X_+_1
Gabbr3	-2.233	-4.981	-4.821	-4.973	-3.611	-4.811	-4.968	-4.975	-4.981	-4.981	328699	GABRR3	NM_001081190_16_+_1
Eml5	2.194	2.111	4.280	4.039	4.365	4.166	2.442	1.293	0.238	0.497	319670	EML5	NM_001081191_12_-_1
Lemd3	3.313	3.395	3.806	3.509	3.835	3.665	3.905	3.660	3.981	4.191	380664	LEM3	NM_001081193_10_-_1
Kcnh4	-4.981	-4.981	-3.538	-4.644	-1.543	-3.133	-1.549	-3.800	-4.981	-4.981	380728	KCNH4	NM_001081194_11_-_1
Arid4a	6.874	6.946	8.139	7.789	8.034	8.112	7.596	7.283	6.835	6.726	238247	ARID4A	NM_001081195_12_+_1
Hnrnpul2	4.614	4.931	4.964	5.109	4.771	4.971	4.745	4.507	3.985	4.202	68693	HNRNPUL2	NM_001081196_19_+_1
Mamdc4	-1.549	-0.996	-1.595	-2.842	-0.582	-1.065	-1.073	-2.612	-1.608	-1.601	381352	MAMDC4	NM_001081199_2_-_1
Dpy19l4	2.200	2.771	3.405	3.396	1.982	2.182	1.809	2.390	2.073	3.169	381510	DPY19L4	NM_001081201_4_-_1
Sbno1	5.557	5.221	6.397	6.304	6.803	6.601	6.294	5.984	6.134	6.154	243272	SBNO1	NM_001081203_5_-_1
B3glct	1.934	1.931	1.334	3.001	0.650	0.801	1.028	2.418	1.993	3.081	381694	B3GLCT	NM_001081204_5_+_1
Nipal1	-3.028	-2.895	3.164	2.684	1.907	-0.062	0.933	-2.286	-2.012	-1.609	70701	NIPAL1	NM_001081205_5_+_1

Dgki	-0.582	0.716	-2.683	-2.506	-2.858	-4.094	-2.089	-1.848	-2.086	-3.233	320127	DGKI	NM_001081206_6_-1
Mrpl44	5.112	4.788	4.787	4.732	4.475	4.219	4.510	4.430	4.463	4.214	69163	MRPL44	NM_001081210_1_+1
Ptafr	4.143	4.927	4.192	4.881	3.949	4.187	4.838	5.665	4.436	5.968	19204	PTAFR	NM_001081211_4_+1
Irs2	5.486	5.275	5.177	5.218	6.731	6.801	5.832	6.079	5.687	5.585	384783	IRS2	NM_001081212_8_-1
Ermp1	3.710	4.001	4.592	4.913	4.813	4.900	4.491	4.649	5.158	5.487	226090	ERMP1	NM_001081213_19_-1
Pprc1	1.882	1.873	3.931	3.805	3.976	3.706	3.763	3.458	3.638	3.604	226169	PPRC1	NM_001081214_19_+1
Phip	6.244	6.519	6.429	6.613	7.144	7.182	6.603	6.543	5.937	6.217	83946	PHIP	NM_001081216_9_-1
Zfp174	-0.098	0.611	-1.231	-0.844	0.023	0.211	-0.242	-2.129	-0.439	-0.678	385674	ZNF174	NM_001081217_16_+1
Hcfc2	1.218	2.228	3.046	3.149	3.231	3.131	2.342	3.063	3.168	2.924	67933	HCFC2	NM_001081218_10_+1
Gpr179	-4.981	-4.981	-4.983	-4.457	-2.321	-4.014	-3.208	-4.643	-4.981	-4.981	217143	GPR179	NM_001081220_11_-1
Ercc6	4.445	4.406	3.898	4.184	3.938	4.268	3.502	3.921	3.657	3.626	319955	ERCC6	NM_001081221_14_+1
Esco1	5.900	6.094	6.308	5.961	6.873	6.947	6.216	5.933	5.580	6.123	77805	ESCO1	NM_001081222_18_-1
Rbbp8	2.609	2.284	5.550	5.391	4.701	4.537	4.657	4.629	5.204	5.359	225182	RBBP8	NM_001081223_18_+1
Fam178a	5.495	5.935	4.827	4.768	5.143	5.098	5.210	5.310	5.280	5.797	226151	SLF2	NM_001081225_19_+1
2310009B15Rik	3.888	3.585	4.043	3.765	3.042	2.857	3.756	3.202	3.393	3.141	69549	C1orf53	NM_001081226_1_-1
Stum	-4.981	-1.141	-4.327	-4.426	-2.652	-3.803	-3.277	-4.179	-4.981	-3.758	381310	STUM	NM_001081227_1_-1
Ttc30a2	-4.981	-1.123	-4.134	-2.414	-3.827	-2.347	-4.962	-3.431	-4.981	-1.655	620631	NA	NM_001081228_2_-1
Tsc22d2	4.251	4.446	4.532	4.229	4.693	4.712	4.445	4.118	4.935	4.762	72033	TSC22D2	NM_001081229_3_+1
Map9	0.994	0.478	0.438	-0.018	0.181	1.567	-2.773	-0.899	-4.981	-4.981	213582	MAP9	NM_001081230_3_+1
Lhfp13	-4.981	-4.981	-4.971	-4.805	-4.957	-4.946	-4.745	-4.864	-4.981	-4.311	269629	LHFPL3	NM_001081231_5_+1
D5ErtD579e	5.357	4.050	4.419	3.413	4.539	3.940	4.186	3.620	4.179	4.393	320661	KIAA0232	NM_001081232_5_-1
Pigg	1.770	1.993	1.939	1.675	1.701	1.644	1.066	1.249	1.690	1.957	433931	PIGG	NM_001081234_5_+1
Mn1	2.483	2.106	-4.753	-4.277	0.127	0.060	-2.904	-2.077	-4.981	-4.981	433938	MN1	NM_001081235_5_+1
2410131K14Rik	4.591	4.348	3.524	3.712	3.997	4.004	3.930	3.356	3.553	3.439	76792	C12orf49	NM_001081236_5_+1
Klh42	5.302	4.967	2.694	2.294	2.515	2.083	2.159	2.982	3.427	2.883	232539	KLHL42	NM_001081237_6_+1
Palb2	-1.732	-4.678	2.531	2.268	2.381	2.508	1.982	1.165	1.693	0.940	233826	PALB2	NM_001081238_7_-1
Lilra5	0.202	-0.068	-1.682	0.897	0.063	1.498	4.758	6.272	3.225	4.582	232801	LILRA5	NM_001081239_7_+1
Prmt9	4.021	4.472	3.822	3.902	3.713	4.135	3.737	3.722	4.462	4.259	102182	PRMT9	NM_001081240_8_+1
Fam65a	3.845	3.710	3.436	3.447	3.946	3.673	3.893	3.617	4.025	3.818	75687	FAM65A	NM_001081241_8_+1
Tln2	-3.525	-2.519	-3.755	0.306	0.194	4.520	-4.459	-0.641	-2.345	0.292	70549	TLN2	NM_001081242_9_-1
Filip1	-3.349	-1.612	-3.197	0.061	-4.160	-1.115	-3.992	-0.790	-1.367	-1.600	70598	FILIP1	NM_001081243_9_-1
Polr3a	4.008	3.897	4.111	4.128	4.328	4.376	4.475	4.154	4.427	4.283	218832	POLR3A	NM_001081247_14_-1
Vcan	-4.981	-4.981	-4.902	-4.182	-4.950	-4.950	-4.770	-3.174	3.781	4.776	13003	VCAN	NM_001081249_13_-1
Myh13	4.115	2.734	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	544791	MYH13	NM_001081250_11_+1
Pbrm1	6.990	7.046	6.970	7.054	7.287	7.239	7.124	7.086	6.943	7.191	66923	PBRM1	NM_001081251_14_+1
Uggt2	0.902	1.333	-1.862	-1.198	-1.473	-0.512	-1.774	-0.415	-3.373	-0.178	66435	UGGT2	NM_001081252_14_-1
Fbxo43	-4.981	-4.981	-4.535	-4.777	-3.590	-4.486	-4.747	-4.738	-4.981	-4.094	78803	FBXO43	NM_001081253_15_-1
Fam186b	-4.981	-4.981	-4.198	-4.328	-3.441	-3.524	-4.975	-2.542	-3.351	-4.227	545136	FAM186B	NM_001081254_15_-1
Lrch3	5.306	5.409	5.816	5.641	5.934	5.907	5.683	5.318	5.417	5.599	70144	LRCH3	NM_001081255_16_+1
Kdm3b	5.468	5.517	6.233	6.295	6.537	6.586	6.361	6.117	5.827	5.888	277250	KDM3B	NM_001081256_18_+1
Hpse2	-4.981	-2.681	-4.981	-4.981	-4.772	-4.960	-4.974	-4.978	-4.981	-4.981	545291	HPSE2	NM_001081257_19_-1
Mfsd7b	2.964	2.886	4.551	4.322	6.915	7.058	6.190	5.872	6.848	6.852	226844	FLVCR1	NM_001081259_1_-1
Tnks1bp1	0.579	-0.376	0.043	-0.436	0.239	0.032	0.646	0.278	1.674	1.790	228140	TNKS1BP1	NM_001081260_2_+1
Erich6	-4.981	-2.895	-2.774	-3.499	-2.950	-3.428	-4.227	-3.418	-2.060	-3.480	545527	ERIC6	NM_001081262_3_-1
Slc44a5	-4.981	-4.981	-4.966	-3.986	3.077	2.830	3.089	1.909	-4.981	-4.981	242259	SLC44A5	NM_001081263_3_+1
Alg6	3.156	2.812	2.389	2.331	2.781	2.539	2.661	2.445	2.329	2.455	320438	ALG6	NM_001081264_4_+1
Dnaaf5	2.692	2.208	2.609	1.858	2.110	2.335	2.135	2.469	3.043	3.054	433956	DNAAF5	NM_001081265_5_+1
Ccdc142	1.055	1.429	2.343	1.748	2.796	2.729	2.517	2.508	3.067	2.811	243510	CCDC142	NM_001081266_6_+1
Rsf1	5.441	5.745	5.550	5.543	5.855	6.179	5.598	5.487	4.715	5.114	233532	RSF1	NM_001081267_7_+1
Prss53	-4.981	-0.487	-2.452	-1.312	-1.777	-1.727	-1.881	-1.796	-0.974	-1.278	330657	PRSS53	NM_001081268_7_-1
Whsc11	3.326	3.621	3.300	3.219	4.042	3.853	3.927	3.667	4.575	4.374	234135	WHSC11	NM_001081269_8_+1
Dscaml1	-1.695	-4.981	2.939	3.642	1.426	1.074	1.381	-0.919	-4.981	-4.981	114873	DSCAML1	NM_001081270_9_+1
Ldlrad1	-2.388	-4.981	-4.464	-3.299	-3.588	-4.812	-2.255	-5.028	-2.936	-4.227	546840	LDLRAD1	NM_001081272_4_+1
Pgd	4.735	4.458	5.515	5.175	5.216	5.078	6.182	6.115	8.849	8.242	110208	PGD	NM_001081274_4_-1
Cfap126	2.637	1.283	1.179	-1.358	0.985	-1.202	1.657	0.799	1.537	-0.985	75472	CFAP126	NM_001081275_1_+1
Ak5	-0.673	0.279	-2.427	-2.365	-4.263	-4.873	-4.487	-4.348	-1.911	-4.981	229949	AK5	NM_001081277_3_-1
Tbc1d4	3.070	2.787	8.039	7.752	9.736	9.609	8.056	6.733	2.345	2.755	210789	TBC1D4	NM_001081278_14_-1
Mfhas1	3.049	3.266	2.617	3.579	2.867	3.516	2.510	3.700	3.171	4.302	52065	MFHAS1	NM_001081279_8_+1
Nlrc3	-4.981	-4.981	-4.336	-2.334	-4.540	-2.154	-2.708	0.087	-4.981	-1.547	268857	NLRC3	NM_001081280_16_-1
Trim55	-0.222	0.201	-4.735	-4.969	-4.691	-4.965	-4.981	-4.981	-4.981	-4.981	381485	TRIM55	NM_001081281_3_+1
Ibtk	4.483	4.481	4.609	4.856	4.707	4.691	4.775	5.080	6.622	6.723	108837	IBTK	NM_001081282_9_-1
Fat1	-4.981	-4.981	-4.981	-4.981	-4.402	-2.734	-4.975	-3.820	-4.981	-4.981	14107	FAT1	NM_001081286_8_+1
Mpp7	1.026	0.974	2.018	2.318	2.039	2.039	1.614	1.843	1.418	2.727	75739	MPP7	NM_001081287_18_-1
Taf2	3.778	3.814	4.249	4.330	4.345	4.233	4.226	4.116	4.574	4.721	319944	TAF2	NM_001081288_15_-1
Fam217b	0.596	0.406	-0.347	-0.813	0.244	0.067	0.857	0.316	2.494	2.121	71532	FAM217B	NM_001081289_2_+1
Prrc2c	6.796	6.918	7.143	7.034	7.066	7.137	6.743	6.568	5.720	5.814	226562	PRRC2C	NM_001081290_1_-1
Ccdc88b	5.433	5.379	6.198	6.085	7.030	7.094	6.451	5.869	5.488	5.310	78317	CCDC88B	NM_001081291_19_-1
Rprd2	3.657	3.915	3.766	3.573	4.443	3.922	4.326	3.716	4.304	3.640	75137	RPRD2	NM_001081293_3_-1
Prr19	-4.981	-4.981	-4.610	-3.918	-4.977	-4.977	-4.981	-4.981	-4.981	-4.981	623131	PRR19	NM_001081294_7_+1
Arhgef26	-3.563	-3.315	-3.866	-3.156	-3.655	-3.629	-3.612	-3.876	-3.242	-3.855	622434	ARHGEF26	NM_001081295_3_+1
Adgrl2	2.792	1.811	-1.113	-2.583	-0.468	-1.837	-1.553	-1.377	1.078	0.239	99633	ADGRL2	NM_001081298_3_-1
Tshz1	3.144	2.812	4.717	4.404	2.869	3.202	3.103	3.330	3.730	3.924	110796	TSHZ1	NM_001081300_18_-1
Trio	3.018	2.550	4.475	4.681	3.152	3.033	3.710	3.487	4.650	4.729	223435	TRIO	NM_001081302_15_-1
Atf6	6.019	5.999	6.264	6.040	6.706	6.818	6.877	7.010	7.417	7.668	226641	ATF6	NM_001081304_1_-1

Ptprz1	-4.981	-3.315	-4.961	-4.525	-4.844	-4.954	-4.799	-4.768	-3.738	-3.459	19283	PTPRZ1	NM_001081306_6_+1
Ppp1r12b	0.898	1.445	2.087	1.564	1.241	1.197	0.587	1.376	0.829	1.596	329251	NA	NM_001081307_1_-1
Taok3	1.058	-0.400	1.712	1.222	-0.002	1.029	0.331	0.163	1.935	1.786	330177	TAOK3	NM_001081308_5_+1
Pik3r4	3.482	3.668	3.848	3.963	4.043	4.452	3.872	4.630	5.052	4.961	75669	PIK3R4	NM_001081309_9_+1
Tmem236	-4.981	-4.981	-3.848	-4.980	-3.831	-4.940	-3.168	-2.934	-1.324	-1.512	625286	TMEM236	NM_001081310_2_+1
Tmco2	-1.252	-0.105	-4.981	-4.981	-4.980	-4.969	-4.981	-4.981	-4.981	-4.981	69469	TMCO2	NM_001081312_4_-1
Brpf3	2.786	3.581	2.068	3.165	3.199	3.767	2.796	3.493	2.794	3.463	268936	BRPF3	NM_001081315_17_+1
Dsel	1.094	0.945	0.966	0.988	-0.421	1.082	-0.353	1.022	-1.086	1.512	319901	DSEL	NM_001081316_1_-1
Ric1	2.156	2.774	3.503	3.580	4.381	4.108	3.656	3.265	3.268	3.440	226089	RIC1	NM_001081319_19_+1
Cyb561d1	3.557	3.271	3.579	3.754	3.931	3.972	3.796	3.487	4.717	4.240	72023	CYB561D1	NM_001081320_3_-1
Pds5a	3.506	3.334	4.497	4.612	4.978	4.886	4.549	4.550	5.234	5.515	71521	PDS5A	NM_001081321_5_-1
Myo5c	-1.071	-1.435	-2.824	-4.958	-2.731	-4.754	-4.151	-3.380	-2.351	-4.981	208943	MYO5C	NM_001081322_9_+1
Mphosph9	1.001	2.431	1.494	0.622	1.946	2.027	1.211	0.366	-0.162	-0.117	269702	MPHOSPH9	NM_001081323_5_-1
Neto2	-2.647	-2.160	-1.322	-1.185	-0.727	-0.498	-0.975	-2.127	-0.012	-0.017	74513	NETO2	NM_001081324_8_-1
Agl	3.830	3.404	4.045	3.877	4.402	4.278	4.430	4.125	4.710	4.835	77559	AGL	NM_001081326_3_-1
Hs3st2	-0.046	-1.805	-0.782	-0.104	-0.756	-0.626	-0.563	0.914	-0.783	-2.452	195646	HS3ST2	NM_001081327_7_+1
Chsy3	-4.981	-4.981	0.874	2.551	-1.409	1.048	-2.280	-0.299	-4.981	-1.431	78923	CHSY3	NM_001081328_18_+1
Zkscan2	-4.981	-4.981	-3.558	-3.160	-4.981	-4.981	-4.968	-4.975	-4.981	-4.981	210162	ZKSCAN2	NM_001081329_7_-1
Dnah2	-2.164	-2.239	0.288	-0.088	3.317	4.259	2.970	2.879	3.147	3.204	327954	DNAH2	NM_001081330_11_-1
D7Erd443e	-1.504	-0.513	-4.794	-4.934	-2.163	-2.020	-3.489	-4.934	-4.981	-4.981	71007	C10orf90	NM_001081331_7_-1
Slc9a5	-1.227	-0.391	-1.318	-1.303	0.034	0.107	-0.922	-0.621	-2.519	-2.730	277973	SLC9A5	NM_001081332_8_-1
Plekhg4	-2.362	-2.349	-0.367	-0.557	-4.770	-4.679	-1.511	-2.951	-1.591	-1.518	102075	PLEKHG4	NM_001081333_8_+1
Cul9	3.488	3.695	3.372	3.164	3.308	3.310	2.720	2.698	3.218	2.794	78309	CUL9	NM_001081335_17_-1
Dgkh	-1.627	-4.981	1.582	2.090	-0.339	0.700	2.160	2.570	4.088	4.108	380921	DGKH	NM_001081336_14_-1
Sipa1l2	1.294	2.015	0.799	0.671	1.198	0.514	1.288	1.326	4.273	3.519	244668	SIPAL12	NM_001081337_8_-1
L3mbt1l	-4.981	-4.981	-4.155	-4.987	-4.908	-3.933	-4.936	-3.944	-3.925	-4.981	241764	L3MBT1L	NM_001081338_2_+1
Setd2	6.177	5.995	6.042	5.800	6.744	6.662	6.216	5.968	5.871	6.050	235626	SETD2	NM_001081340_9_+1
Scaper	4.420	4.441	5.621	5.317	5.425	5.719	4.592	4.263	2.969	3.463	244891	SCAPER	NM_001081341_9_-1
Adgrd1	-4.981	-3.315	-4.981	-4.981	-1.215	-2.710	-3.394	-2.805	-3.750	-4.981	243277	ADGRD1	NM_001081342_5_+1
3110043O21Rik	2.985	2.800	6.294	6.213	4.565	4.600	4.811	4.728	5.067	5.043	73205	C9orf72	NM_001081343_4_-1
Stxbp5	2.833	3.444	3.505	3.703	2.564	2.693	2.856	3.100	3.899	4.217	78808	STXBP5	NM_001081344_10_-1
Chd2	5.575	5.629	5.203	5.193	5.973	6.033	5.231	5.085	4.279	4.117	244059	CHD2	NM_001081345_7_-1
Rtkn2	-4.981	-2.883	-2.622	-3.254	-1.097	-1.821	-1.086	-2.453	-0.358	-2.993	170799	RTKN2	NM_001081346_10_+1
Rhobtb1	-4.035	-4.021	0.572	-0.542	-3.142	-3.827	-2.584	-1.765	-4.981	-4.537	69288	RHOBTB1	NM_001081347_10_+1
Slc43a1	-4.341	-0.284	-4.586	0.859	-3.844	1.291	-3.190	0.340	-4.771	-4.789	72401	SLC43A1	NM_001081349_2_+1
Cped1	-1.331	-2.997	-4.904	-3.324	-3.713	-4.041	-2.077	-1.309	1.865	2.920	214642	CPED1	NM_001081351_6_+1
Ttc37	2.744	2.836	3.354	4.110	3.600	5.650	3.498	4.653	3.733	4.446	218343	TTC37	NM_001081352_13_+1
2210408121Rik	2.651	2.723	0.952	0.937	1.506	1.457	0.603	-0.110	-0.148	0.130	72371	KIAA0825	NM_001081353_13_+1
Maml1	-4.862	-4.337	-2.262	-3.763	-4.092	-2.943	-4.908	-3.054	-4.176	-2.334	333639	NA	NM_001081354_X_+1
Prdm2	2.442	2.148	3.970	3.711	3.001	2.915	2.570	2.543	2.886	2.436	110593	PRDM2	NM_001081355_4_-1
Vma21	6.219	6.128	6.116	6.221	5.593	5.602	5.889	5.734	5.319	5.677	67048	NA	NM_001081356_X_+1
Ubr5	3.604	4.011	4.024	4.063	4.394	4.019	3.895	3.673	4.145	4.327	70790	UBR5	NM_001081359_15_-1
Camsap2	3.272	3.590	3.257	3.440	2.984	3.406	3.486	3.516	4.291	3.935	67886	CAMSAP2	NM_001081360_1_-1
Trrap	4.868	4.988	4.934	5.083	5.193	5.110	5.036	4.831	5.042	5.289	100683	TRRAP	NM_001081362_5_+1
Cenpf	-0.351	0.252	3.274	3.385	4.372	3.825	3.732	2.645	1.301	0.688	108000	CENPF	NM_001081363_1_-1
Arhgap21	4.359	4.529	4.782	4.377	1.629	2.118	2.749	3.159	3.163	3.541	71435	ARHGAP21	NM_001081364_2_-1
Cystm1	0.722	-0.552	4.314	4.179	0.410	1.874	-0.543	0.188	-2.195	-3.210	66060	NA	NM_001081365_18_+1
Tbccd1	3.658	3.763	3.643	3.680	3.426	3.485	3.386	3.707	4.033	3.894	70573	TBCCD1	NM_001081368_16_-1
Dmxl1	5.022	4.898	4.934	4.507	4.553	4.597	4.334	4.519	3.653	4.337	240283	DMXL1	NM_001081371_18_+1
Cep164	5.325	5.061	3.563	3.095	3.945	4.227	4.052	3.642	3.292	3.309	214552	CEP164	NM_001081373_9_-1
Record_removed	2.756	2.780	1.008	1.378	1.822	1.920	0.895	0.736	0.401	0.285	Record_remove	NA	NM_001081374_7_-1
Chd5	-4.981	-4.981	-4.836	-4.910	-4.574	-4.963	-4.762	-4.739	-3.343	-4.397	269610	CHD5	NM_001081376_4_+1
Kidins220	5.215	5.213	5.658	5.177	5.538	5.113	5.445	5.298	5.723	5.836	77480	KIDINS220	NM_001081378_12_+1
Ankrd11	6.514	6.526	6.635	6.413	7.098	7.092	6.916	6.772	7.013	6.861	77087	ANKRD11	NM_001081379_8_-1
Elp6	3.183	3.398	2.815	3.194	3.008	2.743	2.429	2.565	1.887	1.740	72341	ELP6	NM_001081381_9_+1
Zfp777	2.648	2.550	2.651	2.502	2.845	2.824	2.478	2.623	3.398	2.858	72306	ZNF777	NM_001081382_6_-1
Kmt2c	5.672	5.756	6.142	6.136	7.101	7.114	6.296	5.981	5.850	5.897	231051	KMT2C	NM_001081383_5_-1
Ctcf1	-1.628	-1.149	-1.683	-1.188	-1.698	-1.462	-1.767	-1.927	-0.272	-1.522	664799	CTCF1	NM_001081387_2_-1
Palld	-4.981	-4.981	-4.715	-4.096	-4.763	-4.943	-4.981	-4.981	-4.981	-4.981	72333	PALLD	NM_001081390_8_-1
Mdn1	4.247	3.722	4.268	4.009	4.796	4.796	4.017	3.880	2.669	2.219	100019	MDN1	NM_001081392_4_+1
Tmem248	-3.162	-2.452	-3.810	-4.016	-4.459	-4.817	-3.758	-4.075	-3.355	-0.580	71667	TMEM248	NM_001081394_5_+1
Amotl1	-1.467	-3.267	-1.268	-0.214	-2.297	-2.605	-3.894	-2.814	-4.981	-4.981	75723	AMOTL1	NM_001081395_9_-1
Tbc1d31	2.364	3.070	3.079	3.007	3.065	2.783	2.647	3.015	3.624	3.834	210544	TBC1D31	NM_001081396_15_+1
1810013L24Rik	4.307	4.202	5.075	5.111	4.848	4.697	4.679	4.703	5.086	5.669	69053	C16orf72	NM_001081400_16_+1
Adamts3	-4.981	-4.981	-1.210	-1.635	-1.319	-1.437	-2.618	-1.845	-1.660	-0.251	330119	ADAMTS3	NM_001081401_5_-1
Wdr70	3.975	3.823	3.680	3.517	3.682	3.632	3.586	3.594	3.749	3.389	545085	WDR70	NM_001081402_15_-1
Klh14	-4.981	-4.981	-4.870	-2.534	-4.950	-1.809	-4.798	-0.005	-4.394	-4.981	225266	KLHL14	NM_001081403_18_-1
Lrr1	-4.981	-0.866	0.691	0.703	1.856	0.616	1.377	0.437	-0.649	-1.783	69706	LRR1	NM_001081406_12_+1
Plb1	-4.981	-4.981	0.039	1.790	-3.807	0.188	-4.704	-3.470	-4.981	-4.981	665270	PLB1	NM_001081407_5_+1
Phf20l1	6.103	5.859	5.502	5.299	5.982	5.902	6.055	5.839	6.718	6.702	239510	PHF20L1	NM_001081409_15_+1
Sclt1	3.853	3.552	3.646	3.637	4.028	4.087	3.534	3.433	2.209	2.173	67161	SCLT1	NM_001081411_3_-1
Bcr	5.090	4.743	1.285	1.424	1.128	1.017	1.792	1.212	3.749	3.407	110279	BCR	NM_001081412_10_+1
Unc13b	-4.146	-3.569	-2.015	-2.622	-4.502	-4.747	-4.523	-4.787	-4.362	-4.068	22249	UNC13B	NM_001081413_4_+1
Grm5	1.651	0.739	-3.086	-4.987	-3.654	-4.996	-3.224	-4.449	-3.433	-4.981	108071	GRM5	NM_001081414_7_+1

Samd1	1.127	0.858	2.377	2.577	2.856	2.937	2.728	2.719	2.388	3.069	666704	SAMD1	NM_001081415_8_+1
Fndc1	-4.981	-4.981	-0.255	1.492	-4.063	-4.714	-1.786	-1.127	-4.981	-4.981	68655	NA	NM_001081416_17_-1
Gltscr1	2.287	1.950	2.410	1.576	2.888	2.206	2.559	1.875	3.407	2.970	243842	GLTSCR1	NM_001081418_7_-1
Dip2a	-0.988	0.194	3.300	2.911	2.096	1.906	2.362	1.396	3.059	3.354	64451	DIP2A	NM_001081419_10_-1
Fam206a	3.809	3.880	4.084	4.158	4.069	4.274	3.870	4.183	3.952	4.097	230234	FAM206A	NM_001081420_4_+1
Galnt16	-4.981	-4.981	-4.135	-4.942	-2.836	-1.207	-4.981	-4.981	-3.738	-4.981	108760	GALNT16	NM_001081421_12_+1
Bod1l	6.942	7.076	6.383	6.280	7.170	7.177	6.794	6.558	5.888	5.768	665775	BOD1L1	NM_001081422_5_-1
Ttl5	2.064	1.824	2.175	2.563	3.822	3.936	2.223	2.166	2.161	2.382	320244	TTL5	NM_001081423_12_+1
Chrna10	-4.981	-3.315	-4.979	-4.979	-4.888	-4.953	-4.981	-4.981	-4.981	-1.767	504186	CHRNA10	NM_001081424_7_-1
Dip2c	2.472	2.505	1.008	1.186	0.026	1.647	-1.600	0.601	-2.008	0.882	208440	DIP2C	NM_001081426_13_+1
Flnb	2.403	2.359	4.846	4.644	5.150	4.801	4.811	3.960	1.222	1.123	286940	FLNB	NM_001081427_14_+1
Fam184a	0.720	1.294	-1.642	-1.598	-1.358	-0.500	-2.839	-2.228	-4.981	-4.981	75906	FAM184A	NM_001081428_10_-1
Ccdc15	1.515	0.965	1.087	0.446	1.343	0.950	0.909	1.009	0.203	-0.512	245902	CCDC15	NM_001081429_9_-1
Record_removed	4.312	4.336	4.295	4.288	4.056	3.798	4.414	3.993	4.188	4.645	Record_remove	NA	NM_001081430_14_+1
Zscan25	-1.926	-1.235	-2.629	-1.595	-2.606	-2.681	-2.731	-3.506	-2.008	-3.816	666311	ZSCAN25	NM_001081431_5_+1
Ankrd44	5.516	5.849	6.466	6.140	6.884	6.975	6.994	7.020	7.522	7.935	329154	ANKRD44	NM_001081433_1_-1
Osbpl7	2.710	2.848	3.173	3.147	3.412	2.783	3.141	2.265	3.178	2.876	71240	OSBPL7	NM_001081434_11_+1
Fbxo47	-0.214	-0.619	-1.939	-2.599	-2.231	-3.248	-2.072	-4.427	-2.605	-2.759	72973	FBXO47	NM_001081435_11_-1
Ino80d	2.406	2.856	2.400	1.455	2.568	2.456	1.268	1.274	2.282	2.747	227195	INO80D	NM_001081436_1_-1
Wdr86	-1.503	-2.997	4.911	5.052	3.391	2.606	2.595	1.650	-3.471	-4.981	269633	WDR86	NM_001081441_5_-1
Ncam1	-2.013	1.985	-4.911	-4.652	-4.168	-2.133	-3.423	-1.452	1.582	1.186	17967	NCAM1	NM_001081445_9_-1
Iqck	-0.877	1.039	-2.334	-1.602	-1.321	-0.265	-1.520	-1.850	-2.834	-4.981	434232	IQCK	NM_001081446_7_+1
Vmn2r84	-2.842	-2.437	-4.512	-4.879	-3.200	-3.561	-4.743	-4.953	-4.981	-4.981	625068	NA	NM_001081448_10_-1
Nin	3.578	3.243	3.794	3.415	4.345	4.072	4.777	4.662	6.419	6.340	18080	NIN	NM_001081453_12_-1
Furin	1.979	1.732	3.332	2.880	2.130	2.262	2.938	2.241	4.959	4.880	18550	FURIN	NM_001081454_7_-1
Plcd4	-3.189	-3.315	-4.925	-4.615	-4.478	-4.718	-4.658	-4.949	-3.584	-2.885	18802	PLCD4	NM_001081456_1_+1
Ppp2r5c	4.920	4.222	5.174	5.048	5.222	4.972	6.019	5.455	6.975	6.555	26931	NA	NM_001081457_12_+1
Ppp2r5c	4.380	4.828	5.052	5.026	4.847	4.661	4.918	4.389	3.554	2.900	26931	NA	NM_001081458_12_+1
Sh2b1	-4.175	-4.291	-3.993	-4.824	-3.897	-4.054	-4.009	-3.837	-4.615	-4.660	20399	SH2B1	NM_001081459_7_-1
Gtf2ird1	-4.818	-2.105	-0.116	0.394	-1.393	0.313	-0.418	-1.759	-2.374	-0.801	57080	GTF2IRD1	NM_001081462_5_-1
Gtf2ird1	-1.643	-4.304	0.973	-0.665	-0.924	0.465	-1.457	0.313	-1.783	-0.593	57080	GTF2IRD1	NM_001081463_5_-1
Gtf2ird1	-3.247	-3.199	0.260	-3.142	-0.971	-2.116	-1.158	0.553	0.349	1.038	57080	GTF2IRD1	NM_001081464_5_-1
Gtf2ird1	-2.141	-0.616	0.835	0.101	-1.979	0.250	-2.089	-1.428	-2.975	-4.504	57080	GTF2IRD1	NM_001081465_5_-1
Gtf2ird1	-0.952	-0.625	-1.154	-1.120	-2.646	-0.442	-1.183	-1.464	0.087	0.213	57080	GTF2IRD1	NM_001081466_5_-1
Gtf2ird1	-4.949	-3.068	-1.827	-1.873	-2.426	-1.998	-1.790	-4.698	-4.484	-2.299	57080	GTF2IRD1	NM_001081467_5_-1
Gtf2ird1	-4.239	-1.659	-2.021	-0.830	-2.471	-4.766	-2.331	-3.703	-4.488	-4.563	57080	GTF2IRD1	NM_001081468_5_-1
Gtf2ird1	-4.413	0.423	0.551	1.075	-0.635	-1.474	-0.140	-4.655	-4.352	-2.166	57080	GTF2IRD1	NM_001081469_5_-1
Gtf2ird1	-4.429	-3.346	0.717	-0.508	-2.215	-0.137	-0.388	-2.014	-4.237	-0.571	57080	GTF2IRD1	NM_001081470_5_-1
Zxdb	4.471	5.025	3.515	3.188	3.247	2.699	2.923	3.008	3.108	3.298	668166	ZXDB	NM_001081473_X_+1
Nasp	4.972	5.213	4.957	4.977	5.499	5.312	5.249	5.133	3.901	3.848	50927	NASP	NM_001081475_4_-1
Brwd3	2.018	1.904	2.484	2.385	2.295	2.376	1.933	1.729	2.136	2.531	382236	BRWD3	NM_001081477_X_-1
Fbxo9	3.878	4.515	2.510	2.628	2.308	2.947	2.769	2.564	3.333	3.399	71538	FBXO9	NM_001081490_9_-1
Tbc1d8b	2.445	2.942	3.027	2.666	3.165	2.950	2.615	2.259	1.792	3.090	245638	TBC1D8B	NM_001081499_X_+1
Rcan1	3.390	4.051	3.358	3.001	3.582	3.989	3.131	3.381	4.330	4.315	54720	RCAN1	NM_001081549_16_-1
Camta1	-3.659	-4.981	-2.312	-2.618	-0.343	-1.394	-3.417	-4.302	-2.452	-2.982	100072	CAMTA1	NM_001081557_4_-1
Gm6592	-4.981	-4.981	-4.977	-4.425	-4.564	-4.928	-4.809	-4.841	-4.981	-4.981	625480	NA	NM_001081548_X_+1
Pik3r6	-1.821	-2.255	1.974	3.362	3.945	3.770	3.221	4.232	6.553	6.484	104709	PIK3R6	NM_001081566_11_+1
Mapk10	-3.914	-3.245	-4.262	-3.834	-4.960	-4.885	-4.986	-3.203	-4.981	-4.981	26414	MAPK10	NM_001081567_5_-1
Dgcr14	3.823	3.293	3.174	3.154	3.013	3.133	2.668	2.899	3.449	2.977	27886	DGCR14	NM_001081633_16_-1
Ccnd3	1.768	1.288	2.706	1.745	3.345	3.872	2.981	3.130	3.348	2.449	12445	CCND3	NM_001081635_17_+1
Ccnd3	3.081	2.716	2.250	2.390	3.876	4.442	3.399	3.486	3.253	2.879	12445	CCND3	NM_001081636_17_+1
Xlr4a	4.246	2.279	3.312	1.398	4.169	2.563	3.850	1.747	1.582	1.067	434794	NA	NM_001081642_X_-1
Xlr3b	4.203	3.468	3.904	2.891	3.737	2.833	3.706	2.904	3.445	3.176	574437	NA	NM_001081643_X_+1
Rgs3	-0.373	-2.895	-2.031	-1.352	-4.974	-4.974	-3.491	-1.250	0.242	-0.662	50780	RGS3	NM_001081650_4_+1
Rab42	-2.948	-4.981	-1.233	-1.718	-4.938	-3.137	-1.693	-1.888	-3.373	-1.974	242681	RAB42	NM_001081651_4_-1
Nacac	-4.981	-2.883	-3.115	-3.747	-4.333	-2.596	-1.249	-2.805	-0.572	-3.209	192950	NA	NM_001081652_11_-1
Tex264	5.955	6.216	3.704	4.465	3.148	4.103	3.702	4.799	4.137	4.586	21767	TEX264	NM_001081654_9_-1
Dact3	-0.878	-0.299	-0.924	-0.273	1.711	0.928	0.170	-0.575	-1.563	-1.530	629378	DACT3	NM_001081655_7_+1
Neurl1b	0.172	-1.972	3.787	3.020	1.285	-0.692	2.167	2.387	1.286	2.610	240055	NEURL1B	NM_001081656_17_+1
Nup62cl	-4.981	-4.981	-4.140	-4.984	-4.783	-4.426	-4.981	-4.981	-4.981	-4.981	279706	NA	NM_001081668_X_-1
Cldn34b2	-3.563	-4.981	-4.970	-4.970	-2.842	-4.987	-3.028	-4.945	-3.531	-4.981	73347	NA	NM_001081671_X_-1
Zfp800	5.734	5.299	6.175	6.000	6.326	6.293	6.059	5.762	5.177	5.390	627049	ZNF800	NM_001081678_6_-1
Tomt	-1.195	-1.234	-0.130	-1.058	-0.455	-1.859	-0.939	-2.091	-0.185	-0.484	791260	LRTOMT	NM_001081679_7_-1
Zfp72	-0.485	-0.442	-0.998	-0.589	-0.570	-0.692	-0.783	-0.653	-0.527	0.124	238722	ZNF502	NM_001081680_13_-1
Gnb1l	-0.423	1.404	-0.332	-1.877	-0.053	-1.095	-0.813	0.692	-0.068	-0.952	13972	GNB1L	NM_001081682_16_+1
Zbtb21	1.943	2.590	2.153	1.845	1.819	1.391	1.800	1.935	3.142	3.067	114565	ZBTB21	NM_001081684_16_-1
Zbtb21	2.673	3.098	2.503	2.662	1.729	1.384	1.697	1.306	2.886	2.620	114565	ZBTB21	NM_001081685_16_-1
Gm5150	1.175	0.292	0.063	0.451	3.597	3.924	4.962	5.768	5.453	6.419	381484	NA	NM_001081687_3_-1
Tmprs9	-3.668	-2.681	-3.068	-3.912	-4.957	-4.779	-4.468	-4.880	-4.394	-4.227	432478	TMPRSS9	NM_001081688_10_+1
Dnmt3l	-4.981	-4.981	-4.981	-4.981	-4.965	-4.690	-4.981	-4.981	-4.981	-4.919	54427	DNMT3L	NM_001081695_10_+1
Gm7609	3.228	4.717	2.385	3.708	2.059	3.674	1.002	3.635	-1.142	3.768	665378	NA	NM_001081746_1_+1
Zfp664	4.695	4.614	4.520	4.657	4.329	4.622	4.075	4.124	3.105	3.629	269704	ZNF664	NM_001081750_5_+1
Nckap5	-4.981	-4.981	0.082	-1.473	-4.981	-4.981	-4.915	-3.600	-4.981	-4.981	210356	NCKAP5	NM_001081756_1_-1
Akap17b	2.054	1.988	3.315	3.471	1.835	2.145	1.495	1.749	0.695	1.468	338351	NA	NM_001081956_X_-1

Wfdc17	5.415	4.776	4.564	3.778	5.178	4.648	7.975	8.247	9.319	8.916	100034251	NA	NM_001081957_11_+1
Klc1	2.437	2.724	3.211	2.870	3.145	2.592	3.299	3.042	4.782	4.706	16593	KLC1	NM_001081959_12_+1
Clasp2	2.218	3.011	-1.879	-0.315	-0.360	2.039	-0.774	0.725	-4.234	0.466	76499	CLASP2	NM_001081960_9_+1
Sap25	3.182	3.403	3.175	2.757	4.140	4.077	4.238	4.049	3.703	3.819	751865	SAP25	NM_001081962_5_+1
9430020K01Rik	-2.483	-0.547	-0.707	-0.038	-1.535	-0.146	-0.378	0.176	0.940	1.257	240185	KIAA1462	NM_001081963_18_+1
Apol8	-2.647	-4.981	-4.970	-4.254	-3.258	-4.527	-4.976	-3.671	-4.981	-3.498	239552	APOL2	NM_001081970_15_-1
Mfap1b	5.716	5.913	5.679	5.597	5.955	5.958	5.840	5.857	5.839	5.716	100034361	MFAP1	NM_001081975_2_-1
Rnf144a	2.522	1.205	-4.193	-1.773	-0.643	0.001	2.759	1.353	4.971	2.978	108089	RNF144A	NM_001081977_12_-1
Amelx	-2.367	-4.762	-4.980	-4.981	-4.688	-1.354	-3.605	-4.923	-4.981	-4.981	11704	AMELY	NM_001081978_X_-1
Mecp2	1.889	2.145	0.978	1.031	2.051	1.872	1.453	1.961	1.394	1.473	17257	MCEP2	NM_001081979_X_-1
Nfix	-2.580	-4.981	-0.784	-1.125	-1.752	-1.231	-0.579	-0.364	1.060	0.270	18032	NFIX	NM_001081981_8_-1
Nfix	0.001	-0.106	3.252	3.515	3.296	3.783	4.575	4.362	4.549	4.526	18032	NFIX	NM_001081982_8_-1
Tmsb15b1	4.075	3.646	3.256	3.097	3.517	3.443	3.349	2.567	-0.455	-0.424	666244	NA	NM_001081983_X_-1
Popdc2	-4.981	-3.408	-4.861	-1.943	-2.646	-0.965	-3.308	-1.090	-4.639	-2.844	64082	POPODC2	NM_001081984_16_+1
Slc25a53	2.357	2.461	1.792	1.340	2.219	1.672	0.981	1.096	0.284	0.199	67062	SLC25A53	NM_001082412_X_-1
Sh3d19	0.001	1.288	-0.367	1.582	-0.210	0.987	-0.638	2.295	0.812	3.357	27059	SH3D19	NM_001082414_3_+1
Ndor1	3.977	4.163	4.413	4.121	4.579	4.471	4.774	4.550	5.285	4.809	78797	NDOR1	NM_001082476_2_-1
Efr3b	-3.843	-1.756	-2.399	-3.205	-1.303	-2.936	-2.280	-4.420	-3.373	-4.981	668212	EFR3B	NM_001082483_12_-1
Snx27	3.041	3.315	2.678	3.142	2.872	3.002	2.607	2.931	3.814	4.508	76742	SNX27	NM_001082484_3_-1
Zfp266	3.587	2.900	3.649	3.417	3.597	3.700	3.401	3.266	3.249	3.761	77519	ZNF266	NM_001082485_9_-1
Pigyl	5.474	5.444	5.121	4.856	4.897	4.897	5.145	4.919	4.285	4.212	66268	PIGY	NM_001082532_9_+1
Sppl2c	-4.981	-4.981	-4.981	-4.981	-4.979	-4.979	-4.968	-4.226	-4.981	-4.981	237958	SPPL2C	NM_001082535_11_+1
Mkl1	-0.170	1.432	1.002	1.657	2.003	1.901	2.138	1.244	1.853	2.270	223701	MKL1	NM_001082536_15_-1
Stfa2	-4.981	-4.981	-0.779	-0.854	-4.937	-3.328	-4.862	-3.258	-4.981	-4.981	20862	NA	NM_001082545_16_-1
BC100530	-4.981	-4.981	-4.584	-3.395	-4.733	-1.918	-5.002	-1.162	-3.531	-4.981	100034684	NA	NM_001082546_16_-1
Gm5483	-4.981	-4.981	-4.706	-4.706	-4.887	-1.790	-4.929	-1.197	-2.871	-3.527	433016	CSTA	NM_001082547_16_+1
Spint2	8.747	8.553	7.953	8.073	7.881	8.068	6.763	6.146	1.504	0.008	20733	SPINT2	NM_001082548_7_-1
Trim21	2.462	1.003	1.965	1.626	1.456	0.630	2.095	1.088	3.324	2.694	20821	TRIM21	NM_001082552_7_-1
Rab27b	-2.012	-4.981	-4.944	-2.332	-4.246	-3.586	-3.855	-4.962	-4.910	-1.009	80718	RAB27B	NM_001082553_18_-1
Itgam	-1.717	-1.983	0.208	0.426	5.128	4.459	6.365	6.989	8.619	8.621	16409	ITGAM	NM_001082960_7_+1
Snrpn	-3.880	-4.194	-4.932	-4.958	-4.892	-4.925	-4.964	-4.891	-4.981	-4.981	20646	SNRPN	NM_001082961_7_-1
Snrpn	-4.231	-4.478	-4.963	-4.977	-4.938	-4.961	-4.972	-4.943	-4.981	-4.981	20646	SNRPN	NM_001082962_7_-1
Neurl2	3.457	2.917	0.631	0.435	3.177	3.243	2.795	2.655	3.258	2.978	415115	NEURL2	NM_001082974_2_-1
Sdr39u1	5.460	5.289	4.653	4.697	4.774	4.868	3.722	3.727	2.837	2.865	654795	SDR39U1	NM_001082975_14_-1
Tc2n	-1.035	-2.616	-2.028	-4.663	-2.397	-4.216	-2.419	-3.861	-3.392	-3.392	74413	TC2N	NM_001082976_12_-1
Pja1	4.833	5.393	4.304	5.256	4.053	5.291	3.938	4.838	4.281	4.722	18744	PJA1	NM_001083110_X_-1
Pphln1	1.133	2.704	1.631	1.456	2.691	2.298	2.344	1.352	1.526	2.370	223828	PPHLN1	NM_001083114_15_+1
Terf2	2.076	1.627	1.872	1.566	2.162	1.936	1.816	1.597	1.823	1.404	21750	TERF2	NM_001083118_8_-1
Ptpru	-4.981	-4.981	-4.981	-4.981	-4.835	-4.814	-4.980	-4.969	-3.179	-3.038	19273	PTRPU	NM_001083119_4_-1
Enah	-4.981	-4.282	-2.059	-4.628	-2.640	-2.547	-1.978	-1.354	-3.593	-1.695	13800	ENAH	NM_001083120_1_-1
Enah	-4.981	-1.952	0.650	1.234	-1.764	-4.169	-2.077	-0.453	-2.819	-3.245	13800	ENAH	NM_001083121_1_-1
Lig1	-2.480	-0.650	0.264	0.340	-0.385	0.900	0.546	0.755	0.402	-0.868	16881	LIG1	NM_001083188_7_+1
Gbp7	1.346	-0.575	0.059	1.938	4.012	4.105	3.636	4.660	5.101	5.103	229900	GBP7	NM_001083312_3_+1
St7	-4.838	-4.746	-4.228	-1.002	-2.770	-0.860	0.125	0.018	0.803	-0.185	64213	ST7	NM_001083315_6_+1
Pdgfra	-4.981	-4.981	-4.983	-3.563	-4.963	-4.761	-4.948	-4.816	-4.981	-4.981	18595	PDGFRA	NM_001083316_5_+1
Slc35a4	4.991	4.669	4.474	4.016	4.196	4.088	4.939	4.466	5.061	4.736	67843	SLC35A4	NM_001083317_18_+1
Etv3	1.709	2.941	5.486	5.339	5.557	5.397	4.936	4.621	3.784	4.383	27049	ETV3	NM_001083318_3_+1
Ubp1	3.278	4.245	4.447	4.398	4.973	4.949	4.373	4.508	5.708	5.391	22221	UBP1	NM_001083319_9_+1
Klrk1	3.669	3.221	6.764	6.819	4.051	4.917	6.852	7.132	3.465	4.254	27007	NA	NM_001083322_6_-1
Mtg2	2.022	1.327	0.682	0.098	0.995	0.451	0.954	-0.330	1.016	0.709	52856	MTG2	NM_001083328_2_+1
Mtg2	-0.493	-1.054	0.328	-0.654	1.013	0.283	0.887	0.332	0.339	0.128	52856	MTG2	NM_001083329_2_+1
Nup88	0.996	-1.017	1.412	0.288	0.916	0.287	0.662	0.718	1.616	0.984	19069	NUP88	NM_001083331_11_-1
Bin1	5.416	5.807	5.261	5.368	6.939	7.031	6.426	6.520	4.425	4.987	30948	BIN1	NM_001083334_18_+1
Mboat2	-4.981	-2.995	-4.059	-0.948	-1.690	-2.008	-3.955	-0.985	-3.630	-2.537	67216	MBOAT2	NM_001083341_12_+1
Ptchd2	-4.981	-4.981	-4.969	-4.969	-4.983	-4.863	-4.225	-4.949	-4.981	-4.981	242748	DISP3	NM_001083342_4_-1
Tns3	4.099	4.283	5.465	5.129	5.759	5.654	5.197	4.813	4.482	4.453	319939	TNS3	NM_001083587_11_-1
Cacna1d	-0.412	0.953	-4.239	-3.708	-4.817	-4.909	-3.936	-2.521	-3.842	-4.260	12289	CACNA1D	NM_001083616_14_-1
Ttll9	-4.981	-4.981	0.658	-4.026	-3.627	-4.951	-2.800	-4.830	-4.981	-3.480	74711	TTL9	NM_001083618_2_+1
Greb1l	-2.030	-1.435	-2.991	-2.220	-3.902	-2.333	-2.608	-3.983	-4.190	-4.342	381157	GREB1L	NM_001083628_18_+1
Rusc1	-4.981	-2.226	-1.502	-1.301	-2.282	-4.456	-2.081	-4.972	-4.981	-2.938	72296	RUSC1	NM_001083807_3_-1
Rusc1	4.528	4.562	4.418	4.268	4.717	4.709	4.343	4.241	3.869	3.919	72296	RUSC1	NM_001083808_3_-1
Slc43a1	-1.319	0.764	-2.771	0.673	-1.683	1.880	-1.471	2.465	-0.615	0.275	72401	SLC43A1	NM_001083809_2_+1
Prr5l	1.337	0.695	4.393	5.110	2.218	3.086	4.996	5.180	5.296	5.597	72446	PRR5L	NM_001083810_2_-1
1600012H06Rik	-3.319	-1.153	1.002	0.895	0.787	0.916	0.469	-0.144	1.738	1.196	67912	C6orf120	NM_001083880_17_+1
1600012H06Rik	-0.917	1.979	1.457	2.414	0.525	-0.758	1.525	0.382	2.392	1.377	67912	C6orf120	NM_001083881_17_+1
1600012H06Rik	4.430	4.080	3.845	3.692	3.103	3.737	3.525	4.061	4.203	4.117	67912	C6orf120	NM_001083882_17_+1
Pars2	-1.091	-0.869	-1.952	-0.625	-0.740	-1.957	-2.588	-1.200	-0.796	-0.481	230577	PARS2	NM_001083887_4_+1
Ndufv3	6.749	6.445	6.206	6.089	6.109	5.938	6.355	5.970	5.283	4.847	78330	NDUFV3	NM_001083891_17_+1
Liph	-4.419	-4.981	-4.880	-4.784	-4.307	-4.219	-3.814	-3.243	-3.134	-1.628	239759	LIPH	NM_001083894_16_-1
Mpzl1	1.916	-0.062	2.077	2.050	2.659	2.268	1.365	1.911	-0.690	-4.654	68481	MPZL1	NM_001083897_1_-1
Mfsd14b	3.321	3.468	4.517	3.873	3.858	4.174	3.959	3.641	4.655	5.323	66631	MFSD14B	NM_001083901_13_-1
Slc12a8	-0.993	-0.614	-0.427	-0.039	-4.882	-3.459	-3.634	-4.612	-2.810	-3.753	171286	SLC12A8	NM_001083902_16_+1
Sbsn	1.022	-0.447	-1.319	-4.101	0.790	-2.377	0.415	-3.397	0.275	-3.013	282619	SBSN	NM_001083903_7_+1
Nr3c2	2.335	1.427	-3.380	-2.614	-1.380	0.532	-3.940	-1.499	-4.981	-3.131	110784	NR3C2	NM_001083906_8_+1

PlekHg2	-0.007	0.465	1.197	0.766	1.113	1.815	2.069	1.027	2.429	2.355	101497	PLEKHG2	NM_001083912_7_-1
Kdf1	-4.981	-4.981	-4.402	-4.549	-4.843	-4.925	-4.981	-4.941	-4.981	-4.981	69073	KDF1	NM_001083916_4_+1
Scn3b	-4.981	-4.981	-4.923	-3.180	-4.910	-4.494	-4.814	-4.798	-2.498	-4.981	235281	SCN3B	NM_001083917_9_+1
Zfp991	3.945	4.611	2.773	3.620	3.048	3.557	3.922	3.900	3.313	3.828	666532	ZNF616	NM_001083918_4_+2
Zfp991	4.211	1.798	3.659	0.775	4.133	0.510	4.680	1.446	4.057	2.268	666532	ZNF616	NM_001083918_dup1_4_+1
Rbck1	6.721	6.608	6.966	6.791	7.176	7.056	6.983	6.914	7.314	7.010	24105	RBCK1	NM_001083921_2_-1
Wbp1	3.986	4.011	3.989	3.960	3.216	3.320	3.222	2.445	2.208	2.044	22377	WBP1	NM_001083922_6_-1
Wbp1	3.990	3.683	4.101	4.344	3.750	3.935	3.282	3.018	2.656	2.230	22377	WBP1	NM_001083923_6_-1
Oas1b	-0.581	-1.327	-0.667	-2.065	2.205	1.610	1.299	0.431	2.062	0.570	23961	NA	NM_001083925_5_+1
Tle3	3.134	2.084	2.647	2.445	2.412	2.761	2.825	1.047	3.750	3.832	21887	TLE3	NM_001083927_9_+1
Tle3	3.416	2.512	2.794	3.328	3.676	2.869	3.139	3.255	4.331	4.336	21887	TLE3	NM_001083928_9_+1
Myom1	-2.323	0.100	-3.326	-0.656	-1.470	-2.243	-3.444	-2.577	-4.304	-4.680	17929	MYOM1	NM_001083934_17_+1
Pth1r	-2.745	-3.542	-2.090	-2.997	-3.169	-3.683	-3.321	-3.894	-3.689	-3.191	19228	PTH1R	NM_001083935_9_-1
Pth1r	-4.275	-4.032	-4.058	-3.551	-4.684	-4.894	-4.380	-4.670	-4.416	-4.380	19228	PTH1R	NM_001083936_9_-1
Slc35a2	4.069	3.917	3.708	3.898	3.896	3.652	3.775	4.014	4.653	4.609	22232	NA	NM_001083937_X_+1
Rnaset2a	10.299	10.833	8.571	9.928	7.749	8.923	7.894	9.083	7.930	8.546	100037283	RNASET2	NM_001083938_17_-1
RspH3b	4.479	3.587	4.492	3.030	3.136	1.985	3.553	2.501	3.785	2.434	100037282	RSPH3	NM_001083945_17_-1
Hba-a2	5.212	9.061	6.478	10.204	6.812	11.072	6.975	10.641	4.953	8.918	110257	HBA1 HBA2	NM_001083955_11_+1
Hba-a2	4.739	1.603	5.998	2.574	5.963	4.090	5.879	1.335	4.203	0.443	110257	HBA1 HBA2	NM_001083955_dup1_11_+1
Car1	-1.853	-3.355	-2.950	-1.588	-4.592	-1.059	-2.882	-2.581	-4.723	-4.305	12346	CA1	NM_001083957_3_-1
Zfp655	4.681	4.683	4.022	3.861	3.462	3.434	3.459	3.253	3.179	3.172	72611	ZNF655	NM_001083958_5_+1
Spo11	-3.967	-4.981	-4.319	-3.382	-4.747	-4.956	-4.827	-4.864	-4.868	-4.981	26972	SPO11	NM_001083959_2_+1
Spo11	-2.618	-4.981	-0.998	-0.935	-3.918	-3.829	-4.728	-4.784	-4.655	-4.981	26972	SPO11	NM_001083960_2_+1
Tcf4	8.535	8.828	4.813	4.908	4.845	4.732	4.620	5.111	4.891	4.853	21413	TCF4	NM_001083967_18_+1
Arid1b	4.890	4.548	5.589	5.355	5.570	5.136	5.407	5.033	5.826	5.656	239985	ARID1B	NM_001083555_17_+1
Mcc	-0.761	-0.532	-2.354	-0.447	1.087	1.415	0.134	0.192	-0.520	0.570	328949	MCC	NM_001085373_18_-1
Mcc	-3.055	-1.118	-1.032	-1.293	-4.938	-1.217	-2.974	-1.406	-4.981	-2.242	328949	MCC	NM_001085374_18_-1
Pappa2	-4.981	-2.883	-4.817	-3.444	-0.542	-0.486	-4.369	-4.898	-4.981	-2.452	23850	PAPPA2	NM_001085376_1_-1
Myh7b	-3.843	-4.981	-2.584	-0.783	-4.147	-4.580	-4.845	-1.362	-3.823	-3.435	668940	MYH7B	NM_001085378_2_+1
Anxa9	-1.850	-3.557	-3.334	-3.876	-4.048	-4.711	-4.179	-4.364	-4.535	-4.905	71790	ANXA9	NM_001085383_3_-1
1600014C10Rik	-1.418	-3.950	-1.646	-0.569	-0.707	-0.448	-1.197	-1.301	3.217	3.954	72244	C19orf12	NM_001085385_7_+1
Dusp5	5.265	5.528	4.918	5.267	6.041	6.026	5.641	4.723	5.277	4.391	240672	DUSP5	NM_001085390_19_+1
Sdccag3	4.280	4.270	4.119	4.579	3.983	4.365	4.056	4.117	4.261	4.844	68112	SDCCAG3	NM_001085407_2_-1
Sdccag3	5.175	5.457	5.377	5.228	5.619	5.345	5.420	5.277	5.844	5.709	68112	SDCCAG3	NM_001085408_2_-1
Steap3	-4.931	-4.981	-4.740	-4.911	-4.865	-2.649	-4.365	-3.070	-4.779	-2.298	68428	STEAP3	NM_001085409_1_-1
Nadk2	-4.381	0.012	1.370	0.008	-1.005	-3.782	0.084	-0.794	0.784	0.692	68646	NADK2	NM_001085410_15_+1
Zfp467	1.899	2.431	1.860	2.914	3.425	3.231	3.244	2.928	3.582	3.966	68910	ZNF467	NM_001085415_6_-1
Zfp467	0.289	-0.001	-0.090	-0.071	-0.362	-0.192	0.987	-4.767	0.566	1.122	68910	ZNF467	NM_001085416_6_-1
Zfp467	3.895	3.711	1.327	2.200	3.210	3.262	3.453	2.828	3.163	3.143	68910	ZNF467	NM_001085417_6_-1
Gm13102	-3.934	-2.000	-2.715	-3.562	-3.317	-3.782	-3.470	-3.211	-3.864	-4.542	100041077	NA	NM_001085419_4_+1
Tspyl5	-3.099	-1.668	-1.883	0.333	0.508	2.058	-2.174	-0.883	-4.981	-4.981	239364	TSPYL5	NM_001085421_15_-1
Smcr8	3.347	3.779	3.851	4.055	4.104	4.144	3.989	3.716	4.120	4.352	237782	SMCR8	NM_001085440_11_+1
Ctnnd1	-0.813	-4.072	-0.427	-3.525	-4.708	-3.687	-1.617	-4.614	-2.130	-2.455	12388	CTNND1	NM_001085448_2_-1
Ctnnd1	-4.742	-1.260	2.042	1.856	-0.675	0.073	0.441	1.563	3.232	4.123	12388	CTNND1	NM_001085449_2_-1
Ctnnd1	-3.215	-3.951	2.043	1.576	-2.148	-1.411	1.388	-0.381	2.969	3.840	12388	CTNND1	NM_001085450_2_-1
Ctnnd1	0.013	-1.722	2.738	2.547	-0.337	0.004	1.718	3.215	4.382	5.171	12388	CTNND1	NM_001085453_2_-1
Acin1	2.855	1.033	0.338	-1.665	-0.524	-0.461	-0.151	0.587	-1.498	-1.921	56215	ACIN1	NM_001085472_14_-1
Acin1	4.318	3.222	4.007	3.014	4.281	4.210	4.027	3.643	2.955	2.625	56215	ACIN1	NM_001085473_14_-1
Fam229a	-4.981	-4.981	-4.561	-4.159	-4.890	-4.772	-4.763	-4.892	-3.738	-4.981	68233	FAM229A	NM_001085491_4_+1
Rere	5.030	4.686	5.189	4.965	5.458	5.754	5.430	5.325	5.798	5.672	68703	RERE	NM_001085492_4_+1
Ndufaf6	4.270	3.845	4.779	4.448	3.417	3.430	3.313	3.251	2.553	2.254	76947	NDUFAF6	NM_001085493_4_-1
Arfgef2	4.500	4.476	4.282	4.053	4.783	4.829	4.164	3.859	4.180	4.282	99371	ARFGEF2	NM_001085495_2_+1
Slc25a43	0.134	-1.018	1.604	2.062	0.365	0.298	1.018	1.237	1.935	2.351	194744	SLC25A43	NM_001085497_X_+1
Chmp6	5.843	5.569	5.106	5.273	4.989	4.967	5.191	5.121	5.442	5.058	208092	CHMP6	NM_001085498_11_+1
Cisd3	4.194	3.082	4.052	3.645	2.179	1.668	3.331	2.864	2.892	2.258	217149	CISD3	NM_001085500_11_+1
Ppp1r3d	0.814	0.363	-0.653	-0.641	-0.075	0.064	0.210	0.848	2.834	2.811	228966	PPP1R3D	NM_001085501_2_-1
Gms72	-4.981	-1.773	-4.327	-4.952	-4.194	-4.281	-4.970	-4.734	-4.981	-4.981	230909	C1orf127	NM_001085505_4_+1
Zbtb34	-2.189	0.750	2.352	1.075	1.541	1.358	0.368	-0.031	3.689	3.352	241311	ZBTB34	NM_001085507_2_-1
Tmem8b	2.369	2.112	1.094	0.966	1.357	1.696	0.319	0.488	-0.242	0.341	242409	TMEM8B	NM_001085508_4_+1
Myom3	-2.573	-4.981	-4.970	-4.970	-4.842	-4.921	-4.933	-4.957	-4.981	-4.981	242702	MYOM3	NM_001085509_4_+1
Al464131	-4.981	-2.437	-3.150	-2.376	-4.907	-4.124	-4.838	-3.121	-3.181	-0.403	329828	KIAA1161	NM_001085515_4_-1
Gm14085	-2.042	-3.267	-3.623	-2.137	-2.462	-0.491	-0.883	1.544	-1.324	3.086	381417	NA	NM_001085518_2_+1
Zfp992	2.683	2.713	1.711	0.207	2.018	0.995	2.385	0.643	3.011	2.186	433791	ZNF616	NM_001085522_4_+1
Fam205a2	-3.818	-3.267	-4.401	-3.398	-4.413	-4.428	-4.787	-4.817	-4.166	-4.981	545611	FAM205A	NM_001085530_4_+1
Fam205a2	-3.818	-3.267	-4.346	-3.498	-4.413	-4.428	-4.787	-4.817	-4.166	-4.981	545611	FAM205A	NM_001085530_dup1_4_+2
Fam205a2	-3.818	-3.267	-4.346	-3.498	-4.413	-4.428	-4.787	-4.817	-4.166	-4.981	545611	FAM205A	NM_001085530_dup2_4_-1
Gm13276	-4.938	-3.148	-3.830	-4.599	-4.961	-4.968	-4.608	-4.146	-3.192	-2.644	545649	NA	NM_001085532_4_+1
Gm13275	-0.721	-0.020	-3.926	-4.755	-4.727	-3.340	-4.518	-4.307	-4.849	-2.287	545652	NA	NM_001085533_4_+1
Gm13275	-2.483	-2.151	-3.986	-4.945	-4.899	-4.916	-4.855	-4.962	-4.096	-4.223	545652	NA	NM_001085533_dup1_4_+1
Gm14393	-4.981	-3.191	-3.129	-4.184	-4.267	-4.895	-4.774	-4.865	-3.998	-4.981	664987	NA	NM_001085546_2_-1
Trabd2b	-1.442	-4.981	3.079	2.722	-4.960	-4.877	-4.891	-3.812	-4.981	-4.981	666048	TRABD2B	NM_001085549_4_+1
Tcp11	-2.443	-4.981	-3.920	-3.959	-3.965	-4.311	-4.274	-4.302	-1.322	-2.532	21463	TCP11	NM_001085555_17_-1
Mpzl3	1.824	1.331	2.527	2.516	2.168	2.096	1.552	1.420	0.265	2.070	319742	MPZL3	NM_001093749_9_+1
Ptchd1	-1.169	0.870	1.857	1.905	4.975	5.334	4.892	4.707	1.692	2.558	211612	PTCHD1	NM_001093750_X_-1

Arfgef1	5.435	5.277	6.208	5.876	6.276	6.129	6.035	5.876	5.967	6.271	211673	ARFGEF1	NM_001102430_1_-1
Acbd5	2.001	2.536	2.344	2.205	1.997	1.337	2.193	-0.356	0.903	3.442	74159	ACBD5	NM_001102436_2_+1
Acbd5	4.482	4.625	4.136	3.916	3.640	4.126	3.642	4.115	5.081	5.057	74159	ACBD5	NM_001102437_2_+1
Acbd5	3.537	4.122	4.025	3.743	3.032	3.646	3.408	4.131	3.877	4.303	74159	ACBD5	NM_001102438_2_+1
Add1	-0.013	-1.017	-1.357	-2.066	-1.560	-2.210	-1.467	-1.851	-0.110	0.112	11518	ADD1	NM_001102444_5_+1
Alas2	-4.615	-3.112	-1.339	1.380	-0.589	1.929	-0.845	1.290	-1.508	1.014	11656	ALAS2	NM_001102446_X_+1
Aplp2	4.312	4.280	5.901	6.071	5.862	5.973	6.397	6.737	8.028	8.214	11804	APLP2	NM_001102455_9_-1
Aplp2	1.654	-2.198	2.223	1.299	2.077	1.172	3.092	2.481	3.797	4.084	11804	APLP2	NM_001102456_9_-1
Azin1	3.734	3.965	3.783	3.902	3.463	3.708	3.673	3.569	3.938	3.796	54375	AZIN1	NM_001102458_15_-1
Calml4	-1.681	-4.981	-4.978	-4.750	-4.991	-4.991	-4.251	-4.620	-0.865	-0.390	75600	CALML4	NM_001102468_9_+1
Cnnm2	1.957	1.227	0.791	1.026	0.892	1.143	1.220	1.332	1.102	1.589	94219	CNNM2	NM_001102471_19_+1
Prrt2	-3.349	-3.408	-2.576	-3.460	-0.892	-0.622	-1.020	-0.801	0.086	0.222	69017	PRRT2	NM_001102563_7_-1
Alkbh1	4.988	4.841	5.224	4.971	4.786	4.890	4.446	4.707	4.092	4.088	211064	ALKBH1	NM_001102565_12_-1
Smyd4	2.699	3.116	2.334	2.207	3.197	3.082	2.375	2.424	0.892	1.532	319822	SMYD4	NM_001102611_11_+1
Phldb3	0.264	-0.146	-0.422	0.476	-0.058	0.882	0.303	0.323	-0.029	0.465	232970	PHLDB3	NM_001102613_7_+1
Kif19a	-4.981	-4.981	0.886	1.624	-3.203	-2.224	-0.275	0.022	-0.890	0.666	286942	KIF19	NM_001102615_11_+1
Nt5c3b	5.157	5.291	4.364	4.635	4.011	4.093	3.595	4.050	1.643	2.302	68106	NT5C3B	NM_001102650_11_-1
Kbtbd8	0.513	-0.307	-0.225	-1.117	0.453	-1.517	0.812	-0.199	-0.065	1.184	243574	KBTBD8	NM_001102670_6_+1
Zfp980	-4.981	-1.807	-4.913	-2.089	-4.977	-3.397	-4.676	-3.020	-4.981	-2.311	100041379	ZNF616	NM_001103158_4_+1
Scap	5.554	5.193	4.186	4.084	4.060	3.537	4.003	3.535	3.671	3.492	235623	SCAP	NM_001103162_9_+1
Pcbp2	6.038	5.523	6.076	5.746	5.825	5.338	5.836	5.111	4.948	4.428	18521	PCBP2	NM_001103165_15_+1
Pcbp2	5.357	4.634	5.417	4.900	4.836	4.404	5.085	4.129	3.961	3.844	18521	PCBP2	NM_001103166_15_+1
Zglp1	-4.981	-4.981	-4.962	-4.592	-4.963	-4.263	-3.975	-4.762	-3.491	-4.981	100009600	ZGLP1	NM_001103168_9_-1
Myo15	-3.026	-4.981	-4.888	-3.979	-3.683	-4.863	-3.769	-4.923	-2.108	-4.486	17910	MYO15A	NM_001103171_11_+1
Ablim1	-0.877	-3.382	-4.642	-0.432	-4.836	-2.347	-2.608	-2.950	-4.465	-4.873	226251	ABLIM1	NM_001103177_19_-1
Ablim1	5.536	1.807	-0.393	0.444	0.160	2.269	1.728	3.861	0.026	1.302	226251	ABLIM1	NM_001103178_19_-1
Brwd1	3.972	3.699	3.992	3.582	4.246	3.968	4.112	3.783	3.936	3.790	93871	BRWD1	NM_001103179_16_-1
Tulp4	1.388	2.481	-1.929	-1.230	0.109	-0.140	0.761	0.420	-0.510	-0.247	68842	TULP4	NM_001103181_11_+1
Lin9	2.504	2.640	2.652	2.256	2.775	2.057	2.863	2.331	2.490	2.472	72568	LIN9	NM_001103182_1_+1
Rai2	4.446	5.004	-3.532	-2.846	-4.915	-3.513	-4.902	-4.450	-3.109	-3.039	24004	RAI2	NM_001103367_X_+1
Gpr35	6.262	6.264	6.311	6.319	7.163	7.119	6.897	6.916	7.739	7.712	64095	GPR35	NM_001104529_1_+1
Med7	4.744	4.884	5.472	4.964	3.535	3.601	3.887	3.010	2.867	3.004	66213	MED7	NM_001104530_11_+1
Vmn2r90	-4.981	-4.981	-0.289	-2.517	-3.945	-4.524	-3.082	-3.009	-4.981	-4.981	626942	NA	NM_001104539_17_+1
Vmn2r96	-4.981	-3.408	-4.148	-4.515	-4.051	-2.998	-3.649	-2.715	-4.981	-4.981	433070	NA	NM_001104547_17_+1
Med7	3.012	2.395	2.816	3.084	2.697	2.478	2.568	1.910	2.174	2.125	66213	MED7	NM_001104645_7_-1
Med7	1.057	0.278	7.415	3.475	1.051	-0.361	1.076	-0.091	0.853	-0.254	66213	MED7	NM_001104557_11_+1
Rdx	5.236	5.552	5.689	5.513	5.467	5.401	5.414	5.542	5.164	5.898	19684	RDX	NM_001104616_9_+1
Rdx	4.204	4.491	4.126	4.116	4.146	4.163	3.757	3.151	1.541	1.800	19684	RDX	NM_001104617_9_+1
Vmn2r55	-4.981	-3.267	-4.925	-4.396	-4.130	-4.957	-4.149	-4.947	-4.981	-4.981	100042499	NA	NM_001104645_7_-1
AW209491	0.253	2.068	0.264	1.737	1.076	1.679	1.213	1.324	1.439	1.721	105351	C7orf25	NM_001104646_13_+1
Vmn2r46	-4.126	-4.981	-4.972	-4.972	-4.980	-4.787	-4.549	-4.947	-4.981	-4.473	100042894	NA	NM_001105076_7_-1
Vmn2r46	-4.126	-4.981	-4.972	-4.972	-4.980	-4.787	-4.549	-4.947	-4.981	-4.473	100042894	NA	NM_001105076_dup1_7_-2
Tfe3	1.134	0.684	2.057	1.966	1.506	0.899	1.685	1.634	2.272	3.619	209446	TFE3	NM_001105196_X_+1
Tfe3	3.320	2.527	3.618	4.229	3.624	3.481	4.162	4.513	5.475	5.677	209446	TFE3	NM_001105197_X_+1
Cyp26c1	-4.981	-4.981	-4.972	-4.972	-4.085	-4.977	-4.962	-4.972	-4.981	-4.981	546726	CYP26C1	NM_001105201_19_+1
Zfp938	3.426	3.671	2.165	2.766	2.544	2.691	2.765	2.387	0.880	2.151	237411	NA	NM_001105557_10_-1
Gm11545	-4.981	-4.981	4.997	5.563	2.882	3.472	2.342	2.037	-1.900	-2.391	217122	NA	NM_001105561_11_-1
Dtymk	5.625	5.395	4.461	4.578	5.086	5.135	4.697	4.623	3.309	3.015	21915	DTYMK	NM_001105667_1_-1
Kif21a	-4.981	-4.428	-4.971	-4.913	-4.762	-4.912	-4.965	-4.956	-4.981	-4.873	16564	KIF21A	NM_001109040_15_-1
Kif21a	-4.981	-4.070	-4.975	-4.804	-4.765	-4.880	-4.949	-4.944	-4.981	-4.755	16564	KIF21A	NM_001109041_15_-1
Kif21a	-4.981	-1.761	-4.984	-2.695	-3.644	-2.594	-4.847	-4.917	-4.981	-3.259	16564	KIF21A	NM_001109042_15_-1
Cdk12	2.264	2.198	2.743	2.160	2.930	2.005	2.759	2.143	2.509	2.917	69131	CDK12	NM_001109626_11_+1
Cdk12	3.218	3.134	3.844	3.514	3.695	3.585	3.351	3.199	3.359	3.250	69131	CDK12	NM_001109628_11_+1
Gas7	6.180	6.437	-4.421	-0.515	-4.784	-0.991	-0.342	2.637	6.142	5.993	14457	GAS7	NM_001109657_11_+1
Bach2	3.154	3.373	2.577	1.591	2.001	1.879	3.365	3.353	2.319	1.302	12014	BACH2	NM_001109661_4_+1
Kazn	-2.948	-1.991	2.087	2.608	0.129	-1.023	-1.028	0.418	-3.750	-1.359	71529	KAZN	NM_001109684_4_-1
Kazn	-3.169	-4.773	-2.413	0.444	0.596	1.438	-0.122	-0.194	-4.950	-3.838	71529	KAZN	NM_001109685_4_-1
Ehmt1	4.038	4.378	3.101	2.759	3.372	4.214	3.178	2.374	0.993	0.711	77683	EHMT1	NM_001109686_2_-1
Ehmt1	2.481	2.942	2.559	1.828	2.473	1.720	3.026	2.127	1.530	1.932	77683	EHMT1	NM_001109687_2_-1
C2cd5	0.886	-0.458	0.324	-2.584	0.217	0.960	-0.521	-1.576	0.917	0.099	74741	C2CD5	NM_001109688_6_-1
Phf21a	2.692	3.085	2.321	2.401	4.046	3.961	3.716	3.438	3.629	3.413	192285	PHF21A	NM_001109690_2_+1
Phf21a	1.933	2.122	1.579	-0.688	2.328	2.354	1.905	1.570	2.864	2.725	192285	PHF21A	NM_001109691_2_+1
Cnbp	6.711	6.532	6.141	5.781	6.122	5.642	6.018	5.465	5.382	4.594	12785	CNBP	NM_001109745_6_-1
Cnbp	8.993	9.021	8.503	8.475	8.507	8.481	8.367	8.259	7.400	7.267	12785	CNBP	NM_001109746_6_-1
Cenpw	2.209	1.815	3.377	3.291	3.352	3.014	3.323	2.778	0.688	0.100	66311	CENPW	NM_001109747_10_-1
Tommm40	0.450	0.834	0.743	1.248	-0.072	0.102	0.475	-0.015	0.266	0.468	53333	TOMMM40	NM_001109748_7_-1
Dgcr2	3.414	4.086	3.878	3.502	4.156	3.518	3.885	3.962	4.547	4.347	13356	DGCR2	NM_001109750_16_-1
Dlg4	-0.939	-1.747	-2.236	-2.677	-1.811	-3.431	-1.975	-2.265	-1.963	-1.464	13385	DLG4	NM_001109752_11_+1
Sv2b	-1.918	1.378	-4.974	-4.974	-4.862	-4.334	-4.446	-0.257	-4.981	-3.178	64176	SV2B	NM_001109753_7_-1
Adcy7	3.456	3.654	2.977	3.110	3.975	4.347	5.045	4.978	5.640	6.595	11513	ADCY7	NM_001109756_8_+1
Atp7a	2.855	3.568	3.909	3.307	2.459	3.507	3.758	2.591	4.802	5.629	11977	ATP7A	NM_001109757_X_+1
Fam71a	-3.090	-4.981	1.008	1.531	1.835	2.019	2.140	1.378	0.242	0.928	619288	FAM71A	NM_001109759_1_-1
Capn3	1.430	-4.981	-1.473	-1.522	-1.587	-3.387	-1.935	-2.415	-2.001	-4.966	12335	CAPN3	NM_001109761_2_+1
Ttyh1	-1.812	-4.810	-4.987	-4.274	-4.186	-4.288	-4.972	-3.869	-2.598	-4.981	57776	TTYH1	NM_001109765_7_+1

Abhd14a	2.690	-1.623	-2.388	-4.867	-1.309	-4.951	-1.465	-4.886	-0.680	-4.896	68644	ABHD14A	NM_001110271_9_-1
Abhd14a	1.341	-0.120	-3.441	-3.546	-4.902	-4.991	-1.703	-3.994	-3.495	-3.933	68644	ABHD14A	NM_001110272_9_-1
Slc14a2	-4.981	-4.981	-4.945	-4.945	-1.845	-0.777	-1.845	-3.718	-3.592	-4.981	27411	SLC14A2	NM_001110273_18_-1
Its1	4.617	5.365	0.855	1.719	0.928	1.635	1.514	2.165	2.972	3.541	16443	ITSN1	NM_001110275_16_+1
Its1	1.388	1.658	-1.775	-1.209	-1.950	-1.353	-1.282	-1.060	-0.228	0.152	16443	ITSN1	NM_001110276_16_+1
Ap1m2	2.306	0.072	-3.103	-4.127	-1.838	-2.797	-2.439	-2.127	-3.248	-4.965	11768	AP1M2	NM_001110300_9_-1
Keap1	2.045	1.563	1.702	1.601	1.561	1.168	1.673	0.134	2.930	1.833	50868	KEAP1	NM_001110305_9_-1
Keap1	1.334	1.397	1.773	1.180	1.517	0.775	1.542	-0.320	2.863	1.898	50868	KEAP1	NM_001110306_9_-1
Keap1	4.966	4.518	4.988	5.053	4.581	4.494	4.689	4.900	5.701	5.419	50868	KEAP1	NM_001110307_9_-1
Zfp426	3.449	3.528	3.114	2.826	3.420	3.579	3.258	2.910	3.173	3.475	235028	ZNF426	NM_001110309_9_-1
Snx12	4.054	4.471	4.383	4.389	3.882	3.828	3.950	4.380	4.407	4.695	55988	SNX12	NM_001110310_X_-1
Snx12	0.938	1.795	0.370	-0.336	1.127	-0.168	0.721	-0.165	0.573	-0.148	55988	SNX12	NM_001110311_X_-1
Kif1a	-2.660	-2.635	-0.631	0.452	-1.799	-2.658	-3.649	-3.194	-4.981	-1.787	16560	KIF1A	NM_001110315_1_-1
Cd72	5.695	3.696	1.167	-0.290	5.234	3.378	4.190	3.332	-4.438	1.685	12517	CD72	NM_001110320_4_-1
Cd72	5.537	-0.589	-0.136	-3.914	4.711	-0.662	3.696	-1.590	-4.679	-4.971	12517	CD72	NM_001110321_4_-1
Cd72	4.021	0.033	-0.502	-3.596	4.287	-0.230	2.771	-2.491	-2.815	-4.981	12517	CD72	NM_001110322_4_-1
Klra7	-4.981	-1.298	-4.989	-2.590	-4.617	-4.037	-2.361	-4.770	-2.742	-4.981	16638	NA	NM_001110323_6_-1
Dmtf1	5.239	5.036	4.821	4.329	5.054	4.930	4.916	4.560	4.904	4.668	23857	DMTF1	NM_001110327_5_-1
Fiz1	0.319	1.830	1.958	1.740	1.919	0.983	-0.760	1.016	2.380	1.568	23877	FIZ1	NM_001110328_7_-1
Fiz1	2.641	2.388	3.163	3.117	3.002	2.864	3.556	3.022	3.484	4.103	23877	FIZ1	NM_001110329_7_-1
Fiz1	3.683	3.586	3.220	3.303	2.877	2.479	2.481	3.224	4.030	3.182	23877	FIZ1	NM_001110330_7_-1
Eci2	5.956	5.729	4.923	4.782	5.058	5.024	4.581	4.523	4.118	4.180	23986	ECI2	NM_001110331_13_-1
Gprc5c	1.466	2.448	5.643	5.136	0.295	2.669	0.585	2.464	2.090	1.619	70355	GPRC5C	NM_001110337_11_+1
Gprc5c	-0.388	-0.550	0.582	0.169	-1.206	-2.379	-4.383	-0.694	-2.199	-2.434	70355	GPRC5C	NM_001110338_11_+1
Sin3a	2.364	1.248	0.799	1.629	1.394	1.961	2.557	1.555	2.292	2.392	20466	SIN3A	NM_001110350_9_+1
Sin3a	3.736	4.144	4.398	4.183	4.821	4.638	4.724	4.496	4.865	4.785	20466	SIN3A	NM_001110351_9_+1
Tmem87a	2.009	4.051	1.172	4.621	1.502	3.832	0.953	3.964	1.517	5.077	211499	TMEM87A	NM_001110496_2_-1
Tmem87a	0.779	2.844	1.051	1.552	1.087	1.627	0.172	0.546	-0.404	0.682	211499	TMEM87A	NM_001110497_2_-1
Ifnar2	9.135	9.401	6.235	6.236	6.914	6.803	7.212	7.272	6.867	6.894	15976	IFNAR2	NM_001110498_16_+1
Canx	3.583	3.060	3.090	3.325	2.516	2.345	2.626	3.293	3.416	3.739	12330	CANX	NM_001110499_11_-1
Canx	5.545	5.360	4.978	5.252	4.330	4.296	4.819	4.678	4.654	5.603	12330	CANX	NM_001110500_11_-1
Capn1	-0.426	3.128	0.979	3.364	2.364	3.805	2.276	2.873	2.642	3.878	12333	CAPN1	NM_001110504_19_-1
Amy1	-0.467	-1.231	-3.921	-4.530	-3.416	-4.772	-3.040	-4.101	-1.260	-3.229	11722	AMY2A	NM_001110505_3_-1
Efcab12	-1.081	-4.981	-4.241	-4.978	-2.911	-4.366	-3.507	-4.542	-4.981	-2.480	212516	EFCAB12	NM_001110506_6_-1
Zfp703	-3.998	-3.592	-2.360	-2.499	-2.495	-4.389	-1.948	-0.792	-4.552	0.456	353310	ZNF703	NM_001110508_8_+1
Mettl8	1.710	-1.102	-0.954	-0.560	-0.979	-1.681	-1.081	-1.435	-0.048	-0.328	228019	METTL8	NM_001110512_2_-1
Psmg4	4.535	4.421	3.841	3.619	3.107	3.070	3.971	3.524	3.425	3.095	69666	PSMG4	NM_001110515_13_+1
Samd11	-2.716	-1.683	-3.397	1.063	-4.325	1.955	-2.879	2.243	-4.153	0.985	231004	SAMD11	NM_001110516_4_-1
Ifit1b1	-4.619	-4.278	1.460	1.046	3.564	2.395	2.697	0.751	2.752	1.700	667373	IFIT1	NM_001110517_19_-1
Hist1h2br	-2.360	-2.243	-0.814	-0.481	-1.148	-0.318	-0.542	-2.349	-1.927	-1.550	665622	HIST1H2BH	NM_001110555_13_-1
Hist1h2br	-2.574	-1.027	-1.016	-0.347	-0.695	-1.792	-1.510	-1.473	-0.868	-2.933	665622	HIST1H2BH	NM_001110555_dup1_13_+1
Adam11	6.533	3.329	4.105	3.008	6.342	4.866	4.506	1.035	-1.283	-2.680	11488	ADAM11	NM_001110778_11_+1
Syn1	-2.368	-4.981	-3.440	-4.171	-3.135	-4.392	-3.276	-2.384	-1.697	-3.085	20964	SYN1	NM_001110780_X_-1
Ank1	-4.981	-4.211	-4.937	-4.770	-4.944	-4.977	-4.889	-4.751	-4.919	-4.620	11733	ANK1	NM_001110783_8_+1
Xlr3a	0.589	1.961	0.675	1.253	-0.280	0.619	-0.095	0.922	-2.260	1.080	22445	NA	NM_001110784_X_-1
Sf1	4.514	4.494	4.831	5.290	5.412	4.718	4.785	4.738	5.107	5.217	22668	NA	NM_001110791_19_+1
Anxa7	6.857	6.994	7.058	7.035	5.339	5.556	5.711	6.142	6.572	6.740	11750	ANXA7	NM_001110794_14_-1
Capn12	-1.951	-2.293	-1.992	-2.251	-2.802	-1.209	-2.434	-3.492	-3.568	-3.627	60594	CAPN12	NM_001110807_7_+1
Gpatch4	3.996	3.704	3.723	3.543	3.618	2.868	3.385	2.922	2.299	1.621	66614	GPATCH4	NM_001110809_3_+1
Foxp4	1.022	-0.373	-1.931	0.941	0.934	0.799	0.794	-2.400	-0.507	-0.453	74123	FOXP4	NM_001110824_17_-1
Foxp4	1.973	1.833	2.466	1.575	3.114	2.206	2.454	1.759	1.286	1.697	74123	FOXP4	NM_001110825_17_-1
Ddx6	3.834	3.730	4.456	4.346	4.267	3.776	3.998	3.292	3.567	3.491	13209	DDX6	NM_001110826_9_+1
Rbfox2	-4.981	-4.981	-4.964	-4.811	-4.976	-4.965	-3.973	-4.504	-4.981	-4.906	93686	RBFOX2	NM_001110827_15_-1
Rbfox2	-4.981	-4.981	-4.959	-4.959	-4.978	-4.694	-4.527	-4.577	-4.981	-2.852	93686	RBFOX2	NM_001110828_15_-1
Rbfox2	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.506	-4.443	-4.981	-4.868	93686	RBFOX2	NM_001110829_15_-1
Rbfox2	-4.981	-4.981	-4.958	-4.958	-4.976	-4.443	-4.489	-4.425	-4.981	-2.374	93686	RBFOX2	NM_001110830_15_-1
Dnpep	4.156	4.106	3.228	3.297	2.523	2.275	2.997	3.110	3.914	3.809	13437	DNPEP	NM_001110831_1_-1
Nfya	1.764	0.922	1.823	1.988	1.850	1.559	1.111	1.247	-0.028	0.632	18044	NFYA	NM_001110832_17_-1
Prr5l	1.555	0.863	6.553	1.112	5.344	-1.521	2.843	-0.310	-2.698	-2.290	72446	PRR5L	NM_001110849_2_-1
Crem	-0.631	0.997	-3.072	-0.701	-2.087	-2.257	-1.334	-4.330	-4.333	-0.235	12916	CREM	NM_001110850_18_-1
Crem	1.153	1.856	-0.606	0.368	0.301	0.048	-0.220	-1.032	-0.427	1.009	12916	CREM	NM_001110851_18_-1
Crem	0.812	0.818	-0.316	-0.876	-0.531	-2.192	0.424	-1.221	0.515	-0.150	12916	CREM	NM_001110852_18_-1
Crem	-4.210	-3.408	-4.976	-4.875	-3.713	-4.916	-3.796	-4.956	-4.954	-4.977	12916	CREM	NM_001110853_18_-1
Crem	3.567	3.812	1.438	2.000	0.737	1.450	-0.043	1.198	-4.267	0.227	12916	CREM	NM_001110854_18_-1
Crem	4.260	5.665	2.002	1.787	2.415	2.383	1.729	2.189	-1.650	-0.983	12916	CREM	NM_001110855_18_-1
Crem	-0.707	1.309	-1.628	-2.490	-0.100	-0.600	-3.849	-4.713	-0.037	-0.101	12916	CREM	NM_001110856_18_-1
Crem	-0.232	-0.567	-3.338	-4.040	-4.917	-4.495	-3.735	-3.366	-4.611	-3.228	12916	CREM	NM_001110857_18_-1
Crem	-1.835	-0.384	-4.695	-3.933	-4.238	-3.790	-3.829	-3.619	-3.852	-4.838	12916	CREM	NM_001110858_18_-1
Crem	-2.475	-1.143	-4.972	-3.724	-4.784	-4.021	-3.224	-4.702	-4.945	-4.970	12916	CREM	NM_001110859_18_-1
Nav2	-0.197	3.250	-4.765	-3.060	-3.898	-3.461	-4.348	-2.214	-0.115	-2.065	78286	NAV2	NM_001111016_7_+1
Serac1	0.600	1.042	-0.579	0.973	0.024	0.163	-0.481	0.316	0.712	0.924	321007	SERAC1	NM_001111017_17_-1
Runx1	2.370	1.427	4.839	4.408	3.197	3.123	3.714	3.792	3.582	3.587	12394	RUNX1	NM_001111021_16_-1
Runx1	1.234	1.463	3.834	3.178	2.124	1.955	2.163	2.348	2.210	1.793	12394	RUNX1	NM_001111022_16_-1
Runx1	3.215	3.471	2.535	2.522	2.748	3.637	4.171	4.332	4.807	5.066	12394	RUNX1	NM_001111023_16_-1

Pigx	3.870	4.076	2.584	2.661	2.987	3.130	3.469	2.957	3.205	2.704	72084	PIGX	NM_001111025_16_-1
Runx1t1	-4.981	-1.494	-4.957	-4.957	-4.488	-4.823	-4.963	-4.713	-4.981	-4.499	12395	RUNX1T1	NM_001111026_4_+1
Runx1t1	-4.981	-3.807	-4.967	-4.967	-4.768	-4.936	-4.974	-4.342	-4.981	-4.801	12395	RUNX1T1	NM_001111027_4_+1
Kctd9	1.110	2.189	2.647	2.637	1.590	0.498	1.866	0.885	2.689	2.457	105440	KCTD9	NM_001111028_14_+1
Zfp661	1.762	1.658	0.728	0.756	-0.035	0.530	-0.259	-0.186	0.963	1.015	72180	ZNF2	NM_001111029_2_-1
Acvr1c	-4.981	-4.513	-1.455	-3.055	-2.358	-2.097	-4.036	-4.968	-4.981	-4.981	269275	ACVR1C	NM_001111030_2_-1
Serpinh1	2.681	2.282	-4.460	-4.900	-4.932	-4.265	-4.760	-4.833	-4.746	-4.981	12406	SERPINH1	NM_001111043_7_-1
Serpinh1	3.189	2.825	-3.313	-2.760	-4.966	-2.919	-3.570	-3.661	-4.042	-4.981	12406	SERPINH1	NM_001111044_7_-1
Cd151	-0.218	-0.886	0.268	-0.187	-0.308	-0.373	-0.146	-2.020	1.615	1.559	12476	CD151	NM_001111049_7_+1
Cd151	0.379	-0.170	-2.544	-1.859	-4.783	-4.876	-2.775	-3.313	-4.470	-3.923	12476	CD151	NM_001111050_7_+1
Dclk1	-3.179	-4.981	-4.570	-3.821	-4.888	-4.968	-2.285	-3.109	-4.981	-4.981	13175	DCLK1	NM_001111053_3_+1
Cd33	2.240	1.247	-0.081	-0.976	-0.063	-0.382	0.173	0.756	3.440	2.246	12489	NA	NM_001111058_7_-1
Cd34	-4.774	-4.530	-1.090	-1.274	-0.030	0.144	-2.346	-2.148	-1.672	-2.251	12490	CD34	NM_001111059_1_+1
Cd59a	-2.277	0.990	-4.599	-0.556	-2.374	-3.572	-4.963	-3.539	-4.940	-4.872	12509	NA	NM_001111060_2_+1
Comt	5.959	5.725	4.769	5.074	4.867	5.492	5.276	5.894	6.192	6.264	12846	COMT	NM_001111062_16_-1
Comt	3.441	4.650	1.901	2.331	3.381	2.839	3.484	3.362	3.836	3.899	12846	COMT	NM_001111063_16_-1
Reps1	3.608	3.210	3.601	3.339	3.827	3.233	3.970	3.415	4.358	4.205	19707	REPS1	NM_001111065_10_+1
Fkbp8	6.881	6.758	6.624	6.702	6.883	6.811	6.685	6.737	6.885	6.794	14232	FKBP8	NM_001111066_8_+1
Fxyd5	0.602	0.136	2.442	2.204	2.202	1.462	3.885	3.546	5.064	4.406	18301	FXYD5	NM_001111073_7_-1
Cdc25b	-0.612	0.518	0.850	1.796	2.074	2.316	2.144	2.420	2.317	1.913	12531	CDC25B	NM_001111075_2_+1
Zfp182	2.771	2.597	2.213	1.638	2.484	2.050	2.562	1.899	2.390	3.183	319535	ZNF182	NM_001111076_X_-1
Uhrf1	-0.562	-0.781	1.635	1.936	3.134	3.262	0.328	0.355	1.361	0.425	18140	UHRF1	NM_001111078_17_+1
Uhrf1	-4.208	-3.848	1.930	1.123	2.088	0.104	1.611	1.964	-1.198	-2.216	18140	UHRF1	NM_001111079_17_+1
Uhrf1	-0.137	-0.416	0.490	0.298	0.647	-0.151	-2.473	-0.802	-0.881	-0.966	18140	UHRF1	NM_001111080_17_+1
Btnl1	-4.981	-4.981	-3.249	-3.079	-2.096	-2.786	-3.056	-2.993	-4.981	-4.981	100038862	NA	NM_001111094_17_+1
Lyn	7.610	7.817	8.169	8.097	8.624	8.712	8.722	8.988	9.431	9.947	17096	LYN	NM_001111096_4_+1
Cdkn1a	-2.905	-4.689	-2.230	-0.586	-4.945	-4.979	-0.868	-1.506	-0.523	-4.882	12575	CDKN1A	NM_001111099_17_+1
Lipa	1.506	2.387	4.664	4.742	3.149	3.430	3.452	4.189	4.145	4.831	16889	LIPA	NM_001111100_19_-1
Lmna	1.191	1.831	1.168	3.434	0.008	2.894	1.792	4.150	3.017	4.996	16905	LMNA	NM_001111102_3_-1
Uba3	4.401	4.645	3.152	3.778	3.123	3.317	3.608	3.159	3.637	4.340	22200	UBA3	NM_001111106_6_-1
Zfp322a	3.013	-2.688	3.181	-2.254	2.745	-4.164	2.374	-3.864	2.242	-3.252	218100	ZNF322	NM_001111107_13_-1
Cmah	6.853	8.283	-4.036	4.782	-3.114	3.922	-0.422	5.722	-4.165	3.676	12763	NA	NM_001111110_13_+1
Atg16l2	3.130	2.764	4.803	4.788	3.627	3.511	3.607	3.986	3.731	3.536	73683	ATG16L2	NM_001111111_7_-1
Ccnb1ip1	-4.981	-4.981	-4.224	-1.417	-5.022	-3.890	-4.827	-0.523	-4.981	-4.981	239083	CCNB1IP1	NM_001111119_14_-1
Ccdc6	4.042	4.460	4.123	4.244	4.122	4.364	3.612	3.843	3.228	3.437	76551	CCDC6	NM_001111121_10_+1
Lrrc10b	-0.683	-3.408	-4.962	-4.962	-4.968	-4.968	-4.981	-4.981	-4.190	-4.981	278795	LRRC10B	NM_001111140_19_-1
Sprtn	0.896	1.869	1.355	0.716	1.166	0.929	1.121	0.411	1.436	0.969	244666	SPRNT	NM_001111141_8_+1
Lrrc73	-4.981	-2.133	-2.761	-2.416	-4.739	-3.204	-3.588	-4.020	-4.981	-3.853	224813	LRRC73	NM_001111142_17_+1
Ncoa7	2.443	2.166	8.353	8.054	3.750	3.940	4.171	4.283	3.653	2.706	211329	NCOA7	NM_001111267_10_-1
Stau2	1.017	1.339	-0.737	0.542	1.566	2.207	-0.410	-0.058	-1.887	-0.593	29819	STAU2	NM_001111272_1_-1
Igf1	-0.560	-1.265	-4.670	-4.824	-2.809	-4.767	-4.122	-3.266	-4.698	-4.698	16000	IGF1	NM_001111274_10_+1
Igf1	2.428	1.453	2.091	1.850	2.634	1.571	2.470	3.170	-0.160	1.380	16000	IGF1	NM_001111275_10_+1
Igf1	-4.182	-1.707	-4.639	-3.109	-1.855	-3.068	-4.343	-4.892	-4.700	-4.586	16000	IGF1	NM_001111276_10_+1
Eif2b3	4.558	4.564	3.705	3.973	4.066	4.341	3.726	4.355	3.173	3.135	108067	EIF2B3	NM_001111277_4_+1
Wdfy1	5.420	5.461	4.809	5.187	3.411	3.742	3.866	4.770	5.220	5.444	69368	WDFY1	NM_001111279_1_-1
Sco2	3.064	3.163	2.021	1.884	1.016	1.288	1.323	1.551	1.777	1.262	100126824	SCO2	NM_001111288_15_-1
Caprin1	5.958	5.733	6.938	7.012	6.273	6.207	6.109	6.285	6.320	7.112	53872	CAPRIN1	NM_001111289_2_-1
Caprin1	1.740	0.240	3.603	1.536	2.190	2.352	2.484	2.174	1.890	2.074	53872	CAPRIN1	NM_001111290_2_-1
Caprin1	3.020	3.706	3.698	3.180	3.661	3.521	3.599	3.245	4.067	2.713	53872	CAPRIN1	NM_001111291_2_-1
Caprin1	3.438	3.371	4.829	4.586	3.798	3.343	3.259	3.403	4.284	4.027	53872	CAPRIN1	NM_001111292_2_-1
Tbc1d9	1.260	-4.805	7.321	6.231	7.537	6.926	6.322	4.535	4.241	3.561	71310	TBC1D9	NM_001111304_8_+1
Lrrfip1	6.501	6.657	7.106	6.978	7.503	7.303	7.494	7.183	8.087	7.623	16978	LRRFIP1	NM_001111311_1_+1
Lrrfip1	2.593	3.056	2.256	1.900	2.993	2.902	3.088	2.227	2.837	2.420	16978	LRRFIP1	NM_001111312_1_+1
Ptprc	8.382	8.453	4.900	4.537	5.239	5.670	4.577	6.063	3.363	3.527	19264	PTPRC	NM_001111316_1_-1
Idh1	-0.770	0.804	0.128	1.427	-1.526	-4.693	-0.937	1.255	2.792	2.256	15926	IDH1	NM_001111320_1_-1
Nedd9	4.809	4.667	6.177	6.278	6.410	6.115	6.715	7.302	8.065	8.087	18003	NEDD9	NM_001111324_13_-1
Kcnp3	-0.866	-4.981	0.645	-2.888	1.441	-0.201	0.597	-2.548	-1.408	-4.866	56461	KCNIP3	NM_001111331_2_-1
Cyth1	-2.991	-2.988	0.818	1.250	0.492	-1.674	-0.123	-0.826	0.807	1.591	19157	CYTH1	NM_001112699_11_-1
Cyth1	4.048	4.050	5.427	5.524	3.718	3.156	4.337	4.642	6.116	5.548	19157	CYTH1	NM_001112700_11_-1
Cyth2	4.879	4.884	4.208	4.206	4.239	4.181	3.968	4.142	4.532	4.204	19158	CYTH2	NM_001112701_7_-1
Tnni1	-0.700	-4.981	-1.535	-2.345	-0.949	-3.869	-4.877	-4.098	-4.981	-4.981	21952	TNNI1	NM_001112702_1_+1
Abl1	2.465	3.104	2.908	2.492	2.791	2.971	3.135	2.678	4.580	4.622	11350	ABL1	NM_001112703_2_+1
Tlk2	3.685	3.281	3.425	3.654	3.183	3.192	3.487	3.584	4.133	3.957	24086	TLK2	NM_001112705_11_+1
Grk6	4.026	4.174	3.634	2.792	3.250	3.664	2.954	4.390	3.600	2.670	26385	GRK6	NM_001112711_13_+1
Ralgapa1	3.445	4.458	4.748	4.393	4.985	5.182	4.580	4.664	4.815	4.873	56784	RALGAPA1	NM_001112714_12_-1
Ifitm1	-4.195	-1.221	-1.082	2.101	7.323	6.549	6.232	3.531	-1.067	-1.029	68713	NA	NM_001112715_7_+1
Ubr5	3.400	2.943	3.998	3.970	4.704	4.646	3.915	3.944	3.457	3.857	70790	UBR5	NM_001112721_15_-1
Arhgef10l	1.256	1.180	-3.369	-4.149	-4.445	-4.326	0.964	1.173	3.656	3.310	72754	ARHGEF10L	NM_001112722_4_-1
Arhgef10l	4.021	5.078	-1.294	0.649	0.459	0.112	5.059	5.219	7.208	7.205	72754	ARHGEF10L	NM_001112723_4_-1
Zfp607b	1.256	0.727	-0.389	-1.566	0.061	0.906	-0.630	-0.011	-0.595	-0.941	112415	ZNF780A	NM_001112731_7_+1
9930012K11Rik	-0.991	-0.112	-0.927	-0.931	-2.274	-1.220	-1.103	-0.513	-2.348	-1.883	268759	C8orf58	NM_001112735_14_-1
Atp5c1	1.527	1.006	0.337	0.868	0.055	0.091	0.348	0.253	-0.229	0.362	11949	ATP5C1	NM_001112738_2_-1
Kcnc1	-4.981	-4.981	-4.979	-3.682	-2.999	-4.902	-4.949	-3.388	-2.834	-4.227	16502	KCNC1	NM_001112739_7_+1
Arhgef16	-4.981	0.530	-4.712	0.807	-4.842	1.159	-4.882	-1.392	-4.981	-3.480	230972	ARHGEF16	NM_001112744_4_-1

Bicd1	0.877	2.667	0.020	0.954	0.236	1.412	-0.722	-0.143	-3.378	-1.505	12121	BICD1	NM_001112796_6_+1
Slc8a1	1.157	1.406	2.076	1.860	2.763	3.111	2.391	2.201	0.735	2.870	20541	SLC8A1	NM_001112798_17_-1
Zfp78	-1.167	-0.378	-1.821	-3.570	-1.981	-2.817	0.138	-4.082	-1.148	-1.140	330463	ZNF471	NM_001112805_7_+1
Cacna1g	-4.981	-4.981	-4.953	-4.043	-3.331	-3.207	-4.925	-4.486	-4.981	-4.981	12291	CACNA1G	NM_001112813_11_-1
Bub1	-2.403	-4.981	1.033	1.254	2.289	1.268	2.240	1.155	0.569	-0.942	12235	BUB1	NM_001113179_2_-1
Khdcl1b	-4.981	-4.981	-4.668	-4.950	-3.410	-4.954	-3.390	-4.929	-3.373	-4.981	98582	KHDC1L	NM_001113187_1_+1
Fxr1	3.128	3.173	2.920	3.225	3.435	3.354	2.829	2.947	3.168	3.238	14359	FXR1	NM_001113188_3_+1
Fxr1	3.888	4.173	4.230	4.347	3.836	4.213	3.885	3.600	3.766	4.131	14359	FXR1	NM_001113189_3_+1
Mitf	2.523	3.110	1.838	1.521	0.681	1.528	1.887	2.320	2.993	3.306	17342	MITF	NM_001113198_6_+1
Naca	1.225	1.151	1.771	1.716	1.937	1.717	1.089	1.305	0.727	0.492	17938	NACA	NM_001113199_10_+1
Ncam1	-4.860	-4.437	-4.981	-4.981	-4.976	-4.981	-4.977	-4.980	-4.777	-4.953	17967	NCAM1	NM_001113204_9_-1
Nfib	-3.978	-4.333	-4.981	-4.861	-4.976	-4.962	-4.872	-4.912	-4.544	-4.877	18028	NFIB	NM_001113209_4_-1
Nfib	-3.898	-4.292	-4.981	-4.846	-4.975	-4.955	-4.864	-4.903	-4.519	-4.867	18028	NFIB	NM_001113210_4_-1
Nemp1	1.599	2.292	2.550	1.714	2.482	1.932	2.464	2.029	3.153	2.641	210035	NEMP1	NM_001113211_10_+1
Odf2	4.118	4.360	4.223	4.561	4.694	4.726	4.798	4.715	4.936	4.681	18286	ODF2	NM_001113213_2_+1
Odf2	-2.908	-4.755	-4.886	-4.837	-4.848	-4.970	-4.294	-3.921	-4.439	-3.208	18286	ODF2	NM_001113214_2_+1
Fcrl5	-4.981	1.296	-3.502	0.816	-2.900	1.461	-4.503	3.352	-4.981	-0.408	329693	FCRL5	NM_001113238_3_+1
Chn1	-4.981	-4.981	-4.963	-2.001	-4.875	-2.879	-4.981	-4.981	-4.981	-4.981	108699	CHN1	NM_001113246_2_-1
Sin3b	8.219	8.355	7.306	7.248	7.098	7.263	7.176	7.273	6.802	6.509	20467	SIN3B	NM_001113248_8_+1
Fam214a	4.826	5.131	1.987	2.736	2.639	3.058	2.630	3.186	3.864	2.208	235493	FAM214A	NM_001113283_9_+1
Msr1	-1.540	-4.981	-1.393	-1.916	-3.606	-1.862	2.413	4.335	5.924	6.533	20288	MSR1	NM_001113326_8_-1
Fam131b	-4.981	-4.870	-3.629	-4.209	-2.065	-1.888	-3.148	-4.052	-4.981	-4.981	76156	FAM131B	NM_001113327_6_-1
Shc1	-4.620	0.039	3.626	3.315	2.100	2.796	1.491	1.650	2.419	2.930	20416	SHC1	NM_001113331_3_+1
Gatad2a	3.727	3.225	3.911	4.099	4.283	4.315	4.534	4.276	5.861	5.310	234366	GATAD2A	NM_001113346_8_-1
Xkr5	-2.842	-4.981	-2.910	-1.133	-1.157	-3.166	-0.762	-3.151	1.124	-2.967	319581	XKR5	NM_001113350_8_-1
Synj2	0.135	-1.019	-1.188	-1.503	-3.120	-2.334	-0.906	-0.798	-1.150	-1.481	20975	SYNJ2	NM_001113351_17_+1
Synj2	-4.812	-4.757	-4.036	-3.930	-2.637	-2.471	-0.842	-1.094	0.509	-0.083	20975	SYNJ2	NM_001113352_17_+1
Synj2	-4.828	-4.981	-3.662	-3.624	-4.603	-4.838	-3.621	-3.410	0.569	1.269	20975	SYNJ2	NM_001113353_17_+1
Phf8	4.260	4.010	4.386	4.563	4.556	4.624	4.846	4.805	5.606	5.977	320595	PHF8	NM_001113354_X_+1
Vps26a	-3.241	-0.582	-0.948	-1.038	-2.981	-2.898	-3.772	-0.670	-3.850	0.311	30930	VPS26A	NM_001113355_10_-1
C1rb	-3.563	-2.883	-4.975	-4.870	-4.979	-4.830	-4.969	-4.837	-4.981	-1.574	667277	C1R	NM_001113356_6_+1
Dad1	8.830	8.985	7.600	7.456	7.505	7.901	7.905	7.825	7.243	6.844	13135	DAD1	NM_001113358_14_-1
Tbc1d14	-3.494	-3.010	-3.670	-4.188	-4.452	-4.807	-2.548	-2.690	-3.496	-3.913	100855	TBC1D14	NM_001113362_5_-1
Tbc1d14	3.759	3.411	1.046	1.067	1.154	1.628	1.956	2.010	2.527	1.400	100855	TBC1D14	NM_001113364_5_-1
Boll	-4.981	-4.981	-4.735	-4.848	-4.901	-4.967	-4.936	-4.961	-4.981	-4.981	75388	BOLL	NM_001113367_1_-1
Ceacam2	-2.665	4.661	-4.916	0.478	-3.757	1.073	-3.732	5.787	-2.662	8.359	26367	CEACAM1	NM_001113368_7_-1
Ceacam2	-4.981	-4.981	-4.896	-4.952	-4.708	-3.795	-4.216	-4.800	-3.468	-4.510	26367	CEACAM1	NM_001113369_7_-1
Mocs2	3.335	2.200	2.692	2.303	2.542	2.244	3.004	2.621	2.503	2.733	17434	MOC2	NM_001113374_13_+1
Mocs2	-2.784	0.540	-2.188	-3.297	-2.676	-4.146	-1.429	-4.094	-1.509	-4.981	17434	MOC2	NM_001113375_13_+1
Lrrc32	-1.549	-2.997	0.806	-0.332	-2.710	-3.504	-2.509	-3.651	-4.981	-4.981	434215	LRRC32	NM_001113379_7_+1
Gls	6.162	6.255	6.456	6.308	6.250	6.337	6.080	6.018	6.105	6.669	14660	GLS	NM_001113383_1_-1
Mfsd4b5	-3.090	-2.162	-4.281	-4.523	-3.342	-4.280	-4.238	-4.239	-3.322	-3.853	215928	NA	NM_001113385_10_-1
Lifr	5.524	5.867	0.372	0.367	0.269	0.065	1.438	2.345	4.728	4.126	16880	LIFR	NM_001113386_15_+1
Mfsd4b5	-3.090	-2.583	-4.175	-4.372	-4.587	-3.938	-2.403	-1.774	-1.719	-1.449	215928	NA	NM_001113388_10_-1
Dyrk1a	4.528	4.549	4.225	3.961	4.323	3.980	4.379	4.238	4.399	4.572	13548	DYRK1A	NM_001113389_16_+1
Cd247	0.630	-2.160	0.629	1.186	0.091	3.042	-0.856	3.054	0.036	-1.194	12503	CD247	NM_001113391_1_+1
Eaf2	3.225	3.225	-1.251	0.015	-3.170	-0.846	1.271	4.150	-2.426	-2.976	106389	EAF2	NM_001113401_16_-1
Eaf2	-1.668	-4.981	-3.946	-4.888	-4.977	-4.981	-4.924	-3.970	-4.981	-4.981	106389	EAF2	NM_001113405_16_-1
Ldb1	5.301	5.460	4.910	4.929	5.274	5.368	5.442	5.523	5.624	5.354	16825	LDB1	NM_001113408_19_-1
Fggy	4.950	6.277	0.168	2.752	0.350	2.687	-0.272	2.708	1.024	3.132	75578	FGGY	NM_001113412_4_+1
Rnf13	7.908	8.498	5.648	5.803	6.672	6.820	6.762	6.906	6.538	7.428	24017	RNF13	NM_001113413_3_+1
Epb41l5	-3.843	-1.953	-1.421	-2.907	-3.390	-3.102	-3.426	-2.949	-4.981	-4.981	226352	EPB41L5	NM_001113416_1_-1
Thrb	-3.229	-4.981	-4.450	-2.949	-2.944	-2.994	-2.728	-2.351	-4.981	-0.915	21834	THRB	NM_001113417_14_+1
Gm21949	-4.981	-4.981	-4.981	-4.978	-4.979	-4.979	-4.981	-4.981	-4.981	-4.981	100505386	IQCC-SCHIP1	NM_001113419_3_+1
Schip1	-4.981	-1.721	-3.768	-4.100	-4.957	-4.616	-4.811	-4.967	-2.112	-3.022	30953	SCHIP1	NM_001113420_3_+1
Schip1	-4.981	-4.981	-4.979	-4.949	-4.975	-4.975	-4.980	-4.980	-4.981	-4.981	30953	SCHIP1	NM_001113421_3_+1
Slain2	3.602	3.636	4.009	4.292	4.547	4.476	4.441	4.288	4.889	5.262	75991	SLAIN2	NM_001113423_5_+1
Amn1	4.376	4.277	3.493	3.268	3.464	3.421	3.227	2.912	2.687	2.486	232566	AMN1	NM_001113424_6_-1
Tec	2.980	3.873	2.426	2.865	4.681	3.534	4.479	4.226	4.530	5.112	21682	TEC	NM_001113460_5_-1
Tec	2.571	-2.566	0.320	-4.643	2.620	-4.670	2.763	-4.600	4.041	-4.742	21682	TEC	NM_001113461_5_-1
Tec	1.289	0.166	-1.246	0.800	-0.246	-1.190	0.680	0.201	2.945	1.738	21682	TEC	NM_001113464_5_-1
Vmn2r29	-4.783	-4.981	-4.839	-4.973	-3.168	-4.787	-3.831	-4.532	-4.981	-4.981	76229	NA	NM_001113468_7_-1
Ctdsp2	3.430	3.228	5.253	4.478	4.104	3.430	4.318	4.016	5.773	5.437	52468	CTDSP2	NM_001113470_10_+1
Lair1	9.513	9.643	3.363	3.450	6.757	6.888	6.626	6.383	5.568	5.990	52855	LAIR1	NM_001113474_7_-1
Frrs1	-1.713	-1.018	-1.416	-1.548	-2.275	-2.129	-2.255	-0.104	0.571	-0.674	20321	FRRS1	NM_001113478_3_+1
Sept9	0.267	-2.101	2.575	3.865	3.757	0.399	3.971	3.455	0.685	1.072	53860	SEPT9	NM_001113486_11_+1
Sept9	-4.501	-4.428	-1.118	-0.281	-2.219	-1.953	-3.213	-3.579	-4.350	-4.694	53860	SEPT9	NM_001113487_11_+1
Sept9	5.513	5.435	4.532	4.886	4.707	4.768	5.649	5.717	7.530	7.113	53860	SEPT9	NM_001113488_11_+1
Irga9	-0.434	-1.220	-2.984	-3.033	-2.775	-2.800	-2.404	-2.173	-1.109	-4.981	104099	ITGA9	NM_001113514_9_+1
Col2a1	-4.981	-4.981	-4.248	-4.953	-4.259	-4.677	-4.954	-4.539	-3.627	-4.981	12824	COL2A1	NM_001113515_15_-1
Arhgef7	-1.955	-1.432	0.315	-0.232	-0.073	-1.034	-2.482	-1.181	-1.504	-0.640	54126	ARHGEF7	NM_001113517_8_+1
Arhgef7	-3.827	-3.491	-1.610	-0.718	-4.466	-3.328	-4.098	-2.772	-2.540	-1.471	54126	ARHGEF7	NM_001113518_8_+1
Isg20	2.910	3.119	-0.115	3.775	1.617	4.533	1.412	3.805	1.530	0.979	57444	ISG20	NM_001113527_7_+1
Csf1	0.730	0.176	-0.634	-0.952	-1.669	-1.301	1.910	0.763	-3.204	-1.331	12977	CSF1	NM_001113529_3_-1

Oxr1	2.559	1.390	3.618	3.030	2.452	1.484	4.880	4.250	6.820	6.401	170719	OXR1	NM_001130165_15_+1
Oxr1	-4.387	-4.121	0.690	-3.117	-1.825	-1.282	-2.574	-2.826	0.654	-1.774	170719	OXR1	NM_001130166_15_+1
Zfp207	4.920	4.529	4.748	4.792	4.739	4.867	4.047	3.919	4.718	3.751	22680	ZNF207	NM_001130169_11_+1
Zfp207	0.122	1.061	1.236	0.641	1.224	-0.042	1.616	0.758	-0.020	1.343	22680	ZNF207	NM_001130170_11_+1
Zfp207	6.640	6.995	7.432	7.492	6.909	6.859	6.999	7.027	6.629	7.105	22680	ZNF207	NM_001130171_11_+1
Tnnt2	-4.430	-3.769	-4.292	-4.577	-4.546	-4.872	-4.960	-4.831	-4.981	-4.981	21956	TNNT2	NM_001130174_1_+1
Tnnt2	-4.354	-3.621	-4.208	-4.468	-4.548	-4.858	-4.958	-4.805	-4.981	-4.981	21956	TNNT2	NM_001130175_1_+1
Tnnt2	-4.981	-4.837	-2.033	-2.953	-2.387	-2.113	-4.984	-4.905	-4.981	-4.981	21956	TNNT2	NM_001130176_1_+1
Tnnt2	-4.490	-3.887	-4.415	-4.674	-4.559	-4.919	-4.962	-4.861	-4.981	-4.981	21956	TNNT2	NM_001130177_1_+1
Tnnt2	-4.981	-4.981	-4.785	-4.933	-4.913	-4.941	-4.980	-4.980	-4.981	-4.981	21956	TNNT2	NM_001130178_1_+1
Tnnt2	-4.981	-4.981	-4.776	-4.929	-4.905	-4.950	-4.979	-4.980	-4.981	-4.981	21956	TNNT2	NM_001130179_1_+1
Tnnt2	-4.981	-3.534	-4.739	-4.587	-4.897	-4.817	-4.978	-4.980	-4.981	-4.981	21956	TNNT2	NM_001130180_1_+1
Tnnt2	-4.981	-4.981	-4.720	-4.391	-4.870	-4.931	-4.977	-4.979	-4.981	-4.981	21956	TNNT2	NM_001130181_1_+1
Jade1	4.704	4.727	0.689	0.166	1.756	0.778	1.637	1.474	1.164	1.893	269424	JADE1	NM_001130184_3_+1
Jade1	1.922	0.842	-0.584	-0.226	0.143	1.606	0.261	0.665	-2.395	0.212	269424	JADE1	NM_001130185_3_+1
Jade1	3.283	2.809	0.942	0.135	1.667	0.238	0.879	2.211	1.660	1.223	269424	JADE1	NM_001130186_3_+1
Smarcd2	4.765	4.746	5.170	5.339	5.614	5.776	5.504	5.729	6.352	6.384	83796	SMARCD2	NM_001130187_11_-1
Sgce	-0.041	-4.184	-4.963	-4.929	-4.972	-4.968	-4.977	-4.975	-4.981	-4.917	20392	SGCE	NM_001130188_6_-1
Sgce	-4.465	-4.793	-4.980	-4.963	-4.929	-4.734	-4.947	-4.923	-4.981	-4.981	20392	SGCE	NM_001130189_6_-1
Sgce	-2.087	-4.255	-4.981	-4.974	-4.966	-4.952	-4.970	-4.962	-4.981	-4.981	20392	SGCE	NM_001130190_6_-1
Sgce	-4.643	-4.822	-4.980	-4.971	-4.958	-4.919	-4.965	-4.954	-4.981	-4.981	20392	SGCE	NM_001130191_6_-1
Arf1	-0.270	1.156	0.973	1.080	0.859	0.645	0.523	1.163	1.304	2.266	11840	ARF1	NM_001130408_11_-1
Ptk2	0.030	-0.489	0.161	-0.743	1.349	0.579	-1.838	-1.284	-4.828	-1.610	14083	PTK2	NM_001130409_15_-1
Lpin1	0.093	-2.679	1.865	-1.803	1.928	-4.606	1.723	-4.373	2.076	-4.133	14245	LPIN1	NM_001130412_12_-1
Hdac6	3.106	3.190	3.909	4.128	3.584	3.349	2.817	2.757	2.950	3.285	15185	HDAC6	NM_001130416_X_-1
Hpca	-4.981	-4.981	-4.972	-4.975	-4.978	-4.977	-4.980	-4.978	-4.981	-4.965	15444	HPCA	NM_001130419_4_-1
Hras	4.675	4.771	4.004	4.416	3.863	3.763	3.820	3.736	4.101	4.000	15461	HRAS	NM_001130443_7_-1
Hras	1.487	2.041	1.674	1.231	0.660	1.126	0.426	0.411	1.630	1.237	15461	HRAS	NM_001130444_7_-1
Nfe2l1	-0.926	1.276	3.828	4.523	2.992	3.876	2.722	1.926	3.026	4.088	18023	NFE2L1	NM_001130450_11_-1
Nfe2l1	0.966	1.919	-1.423	0.007	1.437	-0.173	-0.868	-1.211	1.568	-0.798	18023	NFE2L1	NM_001130451_11_-1
Nfe2l1	2.018	0.881	-1.505	-1.155	0.641	-1.994	-0.858	-0.470	1.517	1.591	18023	NFE2L1	NM_001130452_11_-1
Nfe2l1	-0.298	0.679	-2.477	-0.236	0.167	-1.168	-1.658	-2.744	0.504	-2.166	18023	NFE2L1	NM_001130453_11_-1
Nfe2l1	0.714	-0.273	-2.821	-3.346	-0.466	-3.304	-1.937	-2.455	0.290	-3.250	18023	NFE2L1	NM_001130454_11_-1
Sema6b	-3.284	-4.981	-0.847	-2.095	-1.848	-2.054	-2.609	-2.341	-2.420	-4.053	20359	SEMA6B	NM_001130456_17_-1
Tbrg4	1.825	3.247	1.429	3.426	0.852	2.946	-1.053	3.189	1.363	2.925	21379	TBRG4	NM_001130457_11_-1
Tcn2	4.954	5.354	2.914	3.651	3.266	3.590	4.546	4.853	6.393	6.236	21452	TCN2	NM_001130458_11_-1
Tcn2	1.337	1.755	0.381	1.410	-0.659	0.173	2.990	1.171	2.984	2.940	21452	TCN2	NM_001130459_11_-1
Tpst1	0.247	0.824	4.636	4.321	3.895	3.134	4.205	4.344	4.654	4.086	22021	TPST1	NM_001130476_5_+1
Srrm1	5.483	5.294	4.174	3.355	4.109	4.767	4.258	3.837	2.208	1.982	51796	NA	NM_001130477_4_-1
Nucb2	9.685	9.753	5.934	6.178	3.653	4.181	4.455	5.342	5.094	5.698	53322	NUCB2	NM_001130479_7_+1
Rpl35a	5.591	4.677	5.801	5.358	5.381	4.909	5.704	5.107	4.311	3.597	57808	RPL35A	NM_001130484_16_+1
Rpl35a	8.462	7.136	8.711	7.696	8.434	7.700	8.774	7.669	7.695	6.788	57808	RPL35A	NM_001130485_16_+1
Ace2	-4.981	-4.981	-4.128	-4.538	-4.949	-4.930	-4.979	-4.980	-4.981	-4.981	70008	ACE2	NM_001130513_X_+1
Hexim2	0.459	0.508	0.056	-1.648	-0.110	-1.598	-1.429	-0.422	-0.446	-4.249	71059	HEXIM2	NM_001130515_11_+1
Hexim2	-2.933	-0.111	-2.502	-1.044	-0.838	-1.043	-3.704	-3.542	-2.487	-0.958	71059	HEXIM2	NM_001130516_11_+1
Lzts2	0.728	0.731	0.607	0.059	-2.321	-2.630	-2.932	-2.687	-2.703	-3.081	226154	LZTS2	NM_001130525_19_+1
Lzts2	2.591	2.266	0.380	0.631	-1.316	-1.828	-0.918	-0.494	-2.088	-1.193	226154	LZTS2	NM_001130526_19_+1
Zkscan17	0.849	2.449	1.937	0.815	1.420	0.758	0.871	-0.029	1.381	-0.107	268417	ZNF496	NM_001130529_11_-1
Kars	1.461	3.275	3.008	3.046	2.545	3.183	2.582	2.380	2.802	2.686	85305	KARS	NM_001130868_8_-1
Gfap	-4.981	-4.981	-4.985	-3.696	-4.916	-4.391	-4.956	-4.969	-4.981	-4.444	14580	GFAP	NM_001131020_11_-1
Pttg1	6.655	3.584	6.046	5.227	6.520	5.359	6.263	4.478	5.279	2.833	30939	PTTG1	NM_001131054_11_-1
Rfesd	3.958	4.842	2.056	3.027	2.617	3.625	2.365	3.166	1.642	2.555	218341	RFESD	NM_001131068_13_-1
Rfesd	0.685	0.453	-0.177	-0.108	-0.198	-0.853	0.297	-2.027	0.150	-1.373	218341	RFESD	NM_001131069_13_-1
Nol4l	-4.881	-4.981	-3.367	0.116	-2.885	-3.307	-1.361	-1.933	-1.179	0.530	329540	NOL4L	NM_001134300_2_-1
Iqsec1	2.120	1.654	3.073	3.046	2.515	1.910	0.579	2.231	2.115	2.245	232227	IQSEC1	NM_001134383_6_-1
Iqsec1	3.895	3.430	4.067	4.500	3.680	3.431	3.046	2.754	2.931	2.465	232227	IQSEC1	NM_001134384_6_-1
Gpr160	1.400	0.626	-1.754	-3.993	-2.819	-1.141	0.327	0.061	2.806	2.142	71862	GPR160	NM_001134385_3_+1
Gpr160	-3.822	-4.026	-2.602	-3.237	-2.227	-2.111	-0.719	-4.872	-0.238	-0.936	71862	GPR160	NM_001134386_3_+1
Apobec1	5.193	3.246	3.133	2.787	6.391	5.649	7.223	6.965	8.292	7.794	11810	APOBEC1	NM_001134391_6_-1
Megf11	-1.385	-1.668	-1.953	-2.241	-1.409	-4.215	-3.200	-4.199	-2.569	-4.227	214058	MEGF11	NM_001134399_9_+1
Cdv3	1.957	1.572	0.394	0.586	-2.073	-1.598	-0.027	-0.597	-1.287	-1.149	321022	CDV3	NM_001134426_9_-1
Cdv3	3.443	3.193	1.873	2.546	2.318	2.251	1.815	2.312	2.773	3.292	321022	CDV3	NM_001134427_9_-1
Nxpe3	3.274	3.335	1.993	1.953	3.985	4.194	2.860	2.734	1.562	1.625	385658	NXPE3	NM_001134457_16_-1
Il9r	2.743	0.383	-2.643	-0.808	0.995	0.816	-2.171	1.583	-3.373	-2.497	16199	IL9R	NM_001134458_11_-1
Prickle2	-4.492	-4.981	-4.713	-4.906	-4.971	-4.795	-4.981	-4.981	-4.981	-4.053	243548	PRICKLE2	NM_001134459_6_-1
Dennd6a	6.411	6.565	3.914	4.093	4.092	4.135	4.767	4.943	5.476	5.866	211922	DENND6A	NM_001134465_14_+1
Vcan	-4.981	-4.981	-4.978	-4.978	-4.629	-4.977	-4.954	-4.407	-3.874	-1.853	13003	VCAN	NM_001134474_13_-1
Vcan	-4.981	-4.981	-4.203	-4.982	-4.942	-3.572	-3.970	-3.368	2.172	0.975	13003	VCAN	NM_001134475_13_-1
Plcx2	2.651	2.870	2.544	2.047	2.430	2.233	2.091	2.430	1.256	2.257	433022	PLCX2	NM_001134480_16_-1
Tomm5	3.984	3.417	3.352	3.410	2.552	2.954	2.870	3.062	2.266	2.054	68512	NA	NM_001134646_4_-1
Ost4	6.782	6.681	6.210	6.101	5.524	5.904	6.163	6.068	5.297	5.436	67695	NA	NM_001134692_5_-1
281006K23Rik	4.507	4.200	3.373	3.332	3.590	3.507	3.762	3.376	2.911	2.869	72650	C12orf65	NM_001134717_5_+1
Tdrd5	-4.981	-4.981	-4.981	-4.981	-4.980	-4.980	-4.981	-4.981	-4.981	-2.452	214575	TDRD5	NM_001134741_1_-1
Ccdc62	2.230	1.510	0.896	0.593	1.453	0.600	0.121	-0.296	-0.622	-1.634	208908	CCDC62	NM_001134767_5_+1

Msantd3	-3.496	-4.981	-0.713	-2.016	-2.998	-2.123	-0.874	-0.766	-0.916	-0.665	66665	MSANTD3	NM_001145925_4_+_1
Pianp	-4.049	-0.800	1.918	1.587	-4.862	-0.002	-2.161	-0.004	-4.139	-1.034	319352	PIANP	NM_001145926_6_+_1
Pianp	-3.772	0.970	4.420	3.878	-4.722	2.466	-0.135	2.749	-2.884	1.011	319352	PIANP	NM_001145927_6_+_1
Thap3	5.311	5.054	3.306	2.988	3.925	3.899	3.545	3.278	2.949	2.386	69876	THAP3	NM_001145929_4_-_1
Yeats2	0.908	2.377	3.234	3.328	2.979	2.532	2.843	1.585	2.883	3.140	208146	YEATS2	NM_001145930_16_+_1
Yeats2	-0.816	-0.895	0.436	-1.017	-0.513	-1.442	-1.101	-1.863	-2.350	-2.763	208146	YEATS2	NM_001145931_16_+_1
Zfp691	-0.439	4.243	-3.502	-0.425	-3.203	0.113	-2.599	-0.256	-2.094	1.263	195522	ZNF691	NM_001145935_4_-_1
Zfp691	0.306	3.865	-1.759	0.684	-3.265	0.017	-1.763	0.984	-0.435	1.470	195522	ZNF691	NM_001145936_4_-_1
Tenn3	0.629	1.593	-4.981	-4.981	-4.981	-4.981	-4.972	-4.977	-4.981	-4.981	23965	TENN3	NM_001145937_8_-_1
Bace1	1.264	1.477	0.857	0.778	1.322	0.312	1.867	1.278	1.997	1.000	23821	BACE1	NM_001145947_9_+_1
Ttc39a	1.944	2.935	3.674	3.766	-1.117	0.740	-0.535	-0.768	-2.001	-2.729	230603	TTC39A	NM_001145948_4_+_1
5730409E04Rik	1.570	0.869	1.702	1.147	-0.903	0.848	-0.945	-0.769	0.174	0.664	230757	C1orf216	NM_001145950_4_+_1
Lpp	-2.640	1.893	-1.970	-1.011	-2.734	0.569	0.413	0.720	-3.680	-0.635	210126	LPP	NM_001145952_16_+_1
Lgals3	5.132	8.041	8.931	7.802	6.311	6.360	8.114	8.109	9.792	9.289	16854	LGALS3	NM_001145953_14_+_1
Lpp	-4.814	-4.269	-4.833	-4.926	-2.480	-3.995	-4.502	-4.956	-4.833	-4.765	210126	LPP	NM_001145954_16_+_1
Pigv	-1.340	-1.494	-2.484	-4.689	-1.113	-3.810	0.258	-4.639	0.557	-4.645	230801	PIGV	NM_001145955_4_-_1
Pigv	3.466	3.222	1.859	1.296	2.758	2.624	3.102	2.092	2.763	2.216	230801	PIGV	NM_001145956_4_-_1
Vwa5a	3.489	3.840	3.549	4.385	3.707	3.248	3.406	4.379	5.835	6.224	67776	VWA5A	NM_001145957_9_+_1
Crocc	0.038	-0.039	0.630	0.022	0.650	-1.372	1.050	-0.872	0.881	0.164	230872	CROCC	NM_001145958_4_-_1
Ndrg2	-1.016	-1.343	-1.111	-1.729	-2.522	-1.954	-2.059	0.119	-0.845	-0.479	29811	NDRG2	NM_001145959_14_-_1
Slc37a2	1.260	1.268	0.195	-2.835	-4.486	-2.053	-0.756	-3.882	0.338	-1.760	56857	SLC37A2	NM_001145960_9_-_1
Atg4c	1.038	0.321	0.747	0.179	2.396	1.137	3.139	1.907	4.227	4.242	242557	ATG4C	NM_001145967_4_+_1
Rwdd2a	1.993	1.989	0.289	-0.078	0.206	-2.002	1.286	-0.251	1.251	1.530	69519	RWDD2A	NM_001145968_9_+_1
Rwdd2a	3.763	3.180	1.120	0.766	1.837	1.740	2.898	2.198	4.090	3.731	69519	RWDD2A	NM_001145969_9_+_1
Map7d1	6.283	6.523	4.345	4.122	5.431	5.059	5.443	5.111	5.579	5.373	245877	MAP7D1	NM_001145970_4_-_1
Adgrg5	2.896	6.463	5.738	6.353	7.448	9.122	6.488	7.830	1.868	7.749	382045	ADGRG5	NM_001145972_8_+_1
Parp4	3.819	3.914	4.868	4.669	4.502	4.548	4.049	3.426	3.462	3.549	328417	PARP4	NM_001145978_14_+_1
Gtpbp2	3.615	4.211	3.035	2.630	3.600	2.848	3.489	3.131	2.530	2.458	56055	GTPBP2	NM_001145979_17_+_1
Zfp710	3.640	2.887	5.165	5.188	4.395	4.886	5.192	4.877	5.914	5.947	209225	ZNF710	NM_001145999_7_+_1
Zfp710	-2.245	0.933	1.974	0.438	2.221	-0.815	1.819	-1.431	2.314	-0.590	209225	ZNF710	NM_001146000_7_+_1
Pdzk1	-0.128	-0.542	-0.238	-0.203	-0.005	-0.318	-1.035	-0.698	-0.093	0.145	59020	PDZK1	NM_001146001_3_+_1
CSar2	-4.981	-3.536	-3.647	-1.139	-0.400	0.156	-0.218	0.863	1.783	2.981	319430	CSAR2	NM_001146005_7_-_1
Trim12c	5.508	-2.686	5.395	-1.390	5.582	-1.438	4.976	-4.341	3.847	-3.979	319236	TRIM5	NM_001146007_7_-_1
Fchsds2	4.318	4.407	6.094	6.265	5.300	5.111	4.525	4.781	2.913	2.930	207278	FCHSD2	NM_001146010_7_+_1
R3hcc1	2.483	3.083	1.600	2.636	1.756	1.857	1.201	1.926	0.482	1.665	71843	NA	NM_001146012_14_-_1
Lrrc18	-4.981	-4.803	-2.096	-3.858	-4.267	-3.737	-4.657	-4.862	-3.962	-4.981	67580	LRRC18	NM_001146021_14_+_1
Wdfy4	4.911	4.729	9.531	9.458	8.665	8.761	7.406	7.464	5.840	6.220	545030	WDFY4	NM_001146022_14_-_1
Fam98c	5.994	6.090	5.707	5.676	5.821	5.817	5.486	5.419	4.950	4.683	73833	FAM98C	NM_001146023_7_-_1
Zfp444	3.759	3.443	3.155	3.035	3.451	3.667	2.806	3.078	2.110	2.754	72667	ZNF444	NM_001146024_7_+_1
Rnf44	2.281	2.053	3.368	2.351	3.103	3.088	3.061	2.609	2.833	2.711	105239	RNF44	NM_001146025_13_-_1
Rnf44	-4.169	-3.671	-0.180	-2.843	-0.713	-0.217	-1.625	-4.333	0.413	0.881	105239	RNF44	NM_001146026_13_-_1
Rnf44	2.326	3.209	2.966	2.049	2.903	2.953	2.635	2.974	3.770	3.215	105239	RNF44	NM_001146027_13_-_1
Nrcam	-4.981	-3.542	-4.120	-4.600	-2.964	-3.188	-4.354	-4.708	-3.831	-4.377	319504	NRCAM	NM_001146031_12_+_1
Runx2	5.362	5.042	-0.094	-0.192	3.243	2.756	2.450	2.457	-0.636	1.086	12393	RUNX2	NM_001146038_17_-_1
Gfm2	0.115	1.424	1.679	1.150	1.825	1.288	0.418	1.592	1.983	2.099	320806	GFM2	NM_001146043_13_+_1
Fam169a	-1.727	-1.791	-1.789	-2.326	-2.580	-1.047	-1.355	-2.705	-1.290	-1.635	320557	FAM169A	NM_001146045_13_+_1
Lrrc49	-1.296	0.113	-0.699	-0.149	-1.688	-1.060	-0.895	-1.161	1.058	1.149	102747	LRRC49	NM_001146046_9_-_1
Lrrc49	-1.211	-4.308	-2.718	-3.123	-3.771	-4.506	-3.290	-2.253	-0.880	0.353	102747	LRRC49	NM_001146047_9_-_1
Lrrc1	2.675	2.712	4.641	3.659	0.035	-0.345	0.816	1.959	-1.033	0.000	214345	LRRC1	NM_001146048_9_-_1
Htatip2	-0.374	1.309	0.467	0.169	0.072	0.144	-0.287	0.321	0.761	0.142	53415	HTATIP2	NM_001146049_17_+_1
Htatip2	3.098	3.058	1.730	2.454	1.780	1.193	1.442	2.305	1.783	2.534	53415	HTATIP2	NM_001146050_7_+_1
Htatip2	3.082	3.672	2.818	3.236	2.344	2.495	2.519	2.802	3.656	3.516	53415	HTATIP2	NM_001146052_7_+_1
Htatip2	2.002	2.906	1.668	2.085	1.002	0.983	1.647	-0.604	1.412	1.164	53415	HTATIP2	NM_001146053_7_+_1
Acot7	-0.287	0.672	0.320	0.381	0.269	1.002	0.837	0.323	0.635	-0.531	70025	ACOT7	NM_001146057_4_+_1
Acot7	2.569	1.828	4.573	4.928	6.300	6.333	5.683	4.770	4.396	4.277	70025	ACOT7	NM_001146058_4_+_1
Als2cl	-4.137	-3.575	2.808	2.154	2.641	2.321	0.763	1.291	0.915	0.974	235633	ALS2CL	NM_001146059_9_+_1
Als2cl	-4.509	-4.068	1.511	1.328	-1.016	-2.977	1.619	-3.369	-2.827	-3.699	235633	ALS2CL	NM_001146060_9_+_1
Hexdc	1.086	1.616	0.920	0.303	0.307	0.779	0.260	-0.626	-2.063	0.081	238023	HEXDC	NM_001146073_11_+_1
Fancb	-4.811	-0.325	-0.073	-0.297	0.934	0.234	0.408	0.196	0.516	1.378	237211	FANCB	NM_001146081_X_+_1
Fastkd5	2.104	0.670	1.933	1.802	1.939	2.010	2.198	1.148	1.674	2.770	380601	FASTKD5	NM_001146084_2_-_1
Fbxo34	2.739	-2.671	1.660	1.628	2.313	2.171	1.875	0.118	2.360	2.394	78938	FBXO34	NM_001146085_14_+_1
Fbxo34	1.453	3.123	3.756	3.397	2.881	2.570	2.969	3.389	4.144	3.999	78938	FBXO34	NM_001146086_14_+_1
Hk1	3.505	3.666	3.915	4.077	4.559	4.555	4.724	4.810	5.931	6.003	15275	HK1	NM_001146100_10_-_1
Smim19	5.417	5.716	4.876	4.759	4.667	4.656	4.492	4.411	3.963	4.113	102032	SMIM19	NM_001146117_8_-_1
Fam49a	3.437	3.735	6.799	6.822	8.267	8.312	7.849	7.708	7.805	8.228	76820	FAM49A	NM_001146119_12_+_1
Psap	10.661	10.955	11.797	11.742	8.758	8.285	10.795	11.184	12.845	13.114	19156	PSAP	NM_001146120_10_+_1
Psap	3.310	4.227	4.361	4.144	1.209	0.181	3.594	3.047	3.413	3.728	19156	PSAP	NM_001146121_10_+_1
Psap	7.444	7.967	8.795	8.834	5.330	4.884	7.626	7.953	8.676	8.929	19156	PSAP	NM_001146122_10_+_1
Psap	0.788	2.051	2.647	3.655	-0.051	-1.579	1.672	2.487	3.272	2.989	19156	PSAP	NM_001146123_10_+_1
Psap	8.061	9.038	10.171	10.193	6.767	5.541	8.885	9.709	10.575	10.815	19156	PSAP	NM_001146124_10_+_1
Homer3	0.820	1.939	-0.236	0.277	0.970	0.413	1.289	1.359	2.387	2.319	26558	HOMER3	NM_001146153_8_+_1
Slc11a2	-1.717	-1.609	1.491	1.148	0.324	0.849	0.985	1.175	0.696	1.016	18174	SLC11A2	NM_001146161_15_-_1
Rangap1	4.056	4.537	5.084	5.297	5.425	5.543	5.239	5.340	4.481	4.710	19387	RANGAP1	NM_001146174_15_-_1
Max	4.528	4.715	4.866	4.259	3.893	3.564	4.213	4.079	4.358	4.459	17187	MAX	NM_001146176_12_-_1

Irf1	-1.398	-1.278	-0.351	-0.853	-1.443	-2.427	-1.106	-1.892	-1.704	-2.097	16362	IRF1	NM_001159393_11_+_1
Nfkbiz	7.171	6.643	5.628	5.684	6.712	7.294	7.418	7.398	7.213	7.723	80859	NFKBIZ	NM_001159394_16_-_1
Nfkbiz	4.181	4.575	2.511	2.873	4.813	4.507	4.739	3.998	1.916	2.723	80859	NFKBIZ	NM_001159395_16_-_1
Irf1	3.053	2.776	3.459	3.431	2.488	2.642	2.269	1.536	2.935	3.529	16362	IRF1	NM_001159396_11_+_1
Upp1	-4.719	-4.981	-1.302	-2.198	-3.784	-0.611	-4.365	-3.199	-1.616	-1.121	22271	UPP1	NM_001159401_11_+_1
Upp1	-0.218	-4.981	0.286	0.897	-1.824	0.852	-1.814	-0.223	-0.662	-0.106	22271	UPP1	NM_001159402_11_+_1
Llgl1	2.703	2.324	3.043	3.300	3.900	3.007	3.215	3.737	4.802	4.414	16897	LLGL1	NM_001159404_11_+_1
Llgl1	1.258	1.888	0.770	2.322	0.442	2.039	0.791	0.800	2.929	3.578	16897	LLGL1	NM_001159405_11_+_1
B3gnt5	-4.329	-4.111	0.756	1.752	-2.331	-1.246	0.557	1.224	-4.479	0.424	108105	B3GNT5	NM_001159407_16_+_1
B3gnt5	-3.460	-0.471	1.612	2.799	-0.854	0.191	-0.830	2.426	-0.585	-0.749	108105	B3GNT5	NM_001159408_16_+_1
Guk1	5.881	5.738	5.415	5.442	4.835	5.209	5.107	5.136	4.277	4.160	14923	GUK1	NM_001159410_11_-_1
Irf9	3.476	3.178	3.472	3.866	3.161	2.887	3.528	3.445	3.884	3.907	16391	IRF9	NM_001159417_14_+_1
Irf9	6.367	6.444	6.572	6.114	6.416	5.544	6.386	6.110	6.659	6.414	16391	IRF9	NM_001159418_14_+_1
Sidt1	-1.977	-4.981	-1.251	-3.047	-4.252	-2.420	-3.519	-2.783	-4.462	-4.572	320007	SIDT1	NM_001159419_16_-_1
Ccdc58	0.045	-0.471	-1.066	-3.230	-0.188	-1.136	-2.205	-1.831	-1.617	-1.542	381045	CCDC58	NM_001159421_16_+_1
Ccdc58	3.318	2.837	2.814	2.875	2.223	2.430	2.886	2.477	1.458	0.939	381045	CCDC58	NM_001159422_16_+_1
Il12a	-4.256	-4.009	-4.863	-4.558	-4.721	-4.830	-4.863	-4.954	-4.109	-4.452	16159	IL12A	NM_001159424_3_+_1
Rab34	-1.179	-0.208	0.377	0.708	-1.741	-1.691	-2.043	-1.373	-1.812	-1.969	19376	RAB34	NM_001159482_11_+_1
Rpl19	3.878	3.813	2.592	3.261	2.923	2.619	4.069	3.050	1.981	2.277	19921	RPL19	NM_001159483_11_+_1
Mcf2l	-4.296	-3.254	-4.169	-3.320	-4.956	-4.794	-3.436	-2.914	2.730	2.962	17207	MCF2L	NM_001159485_8_+_1
Mcf2l	-2.473	-1.520	-3.739	-2.812	-4.930	-3.733	-2.440	-2.445	-0.084	-0.863	17207	MCF2L	NM_001159486_8_+_1
Rbp4	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	19662	RBP4	NM_001159487_19_-_1
Gpatch8	4.946	4.945	5.319	5.132	5.446	5.325	5.343	5.200	5.568	5.477	237943	GPATCH8	NM_001159492_11_-_1
Ppm1b	4.044	4.632	4.695	4.862	4.960	5.116	4.660	4.773	4.383	4.717	19043	PPM1B	NM_001159496_17_+_1
Ppm1b	1.071	0.863	2.146	2.007	1.571	1.401	1.664	1.424	2.873	1.620	19043	PPM1B	NM_001159497_17_+_1
Ppm1b	2.163	1.944	1.537	1.623	1.574	1.454	0.643	0.850	1.046	0.320	19043	PPM1B	NM_001159498_17_+_1
Ddx24	1.103	1.877	1.286	2.041	1.761	1.389	2.493	1.299	1.625	1.493	27225	DDX24	NM_001159502_12_-_1
Tnfsfm13	-2.061	-4.981	-0.114	-0.794	-0.999	-2.933	1.613	1.867	3.630	3.533	619441	TNFSF12-TNFSF13	NM_001159503_11_-_1
Tnfsf13	1.549	-3.674	0.041	-0.002	-0.746	-0.045	3.114	5.219	5.472	6.217	69583	TNFSF13	NM_001159505_11_-_1
Grip2	-1.158	-0.992	-1.171	-0.970	-0.712	-1.662	-1.604	-2.350	-1.601	-1.063	243547	GRIP2	NM_001159507_6_-_1
Pacsin2	4.417	4.530	5.960	5.976	6.523	5.809	6.403	6.499	7.700	7.714	23970	PACSIN2	NM_001159509_15_-_1
Pacsin2	1.102	0.811	3.365	2.790	3.068	2.025	3.544	3.512	3.735	4.343	23970	PACSIN2	NM_001159510_15_-_1
H2afy	7.187	6.409	8.515	8.287	8.340	7.893	8.291	8.056	7.931	7.678	26914	H2AFY	NM_001159513_13_-_1
H2afy	6.864	6.455	5.810	5.597	5.501	5.552	5.155	5.218	4.025	4.806	26914	H2AFY	NM_001159514_13_-_1
H2afy	7.648	7.711	6.766	6.613	6.271	6.715	6.238	6.406	5.448	5.378	26914	H2AFY	NM_001159515_13_-_1
Qk	3.847	4.010	4.858	4.575	4.550	4.390	5.591	5.396	6.896	7.517	19317	QKI	NM_001159516_17_-_1
Qk	5.999	6.233	6.017	6.032	6.303	6.294	6.346	6.398	6.936	7.216	19317	QKI	NM_001159517_17_-_1
Igfbp7	-4.981	-4.981	-4.716	-4.967	-4.904	-4.943	-4.785	-4.900	-4.981	-4.946	29817	IGFBP7	NM_001159518_5_-_1
Pfas	2.316	3.124	2.432	2.585	3.013	3.020	2.337	2.477	1.519	1.195	237823	PFAS	NM_001159519_11_-_1
Plxnb2	1.614	2.210	1.369	-0.248	1.828	2.917	2.399	2.266	3.684	3.971	140570	PLXNB2	NM_001159521_15_-_1
Shd	-4.981	-2.705	-4.133	-4.669	-4.847	-4.852	-4.749	-4.927	-4.512	-4.001	20420	SHD	NM_001159523_17_+_1
Pex19	-3.962	-2.381	-4.421	-4.571	-4.780	-4.937	-4.025	-4.824	-4.469	-4.640	19298	PEX19	NM_001159525_1_+_1
Wdr35	0.870	1.737	-0.634	-1.404	-1.573	0.229	-0.702	-1.635	-0.889	0.772	74682	WDR35	NM_001159527_12_+_1
Cox7a2l	-0.386	1.600	0.735	-0.109	-0.898	-1.185	-0.531	-4.672	-0.020	0.390	20463	COX7A2L	NM_001159529_17_-_1
Cacna1c	-4.981	-4.981	-4.980	-4.980	-4.306	-4.741	-4.980	-4.979	-4.981	-4.981	12288	CACNA1C	NM_001159533_6_-_1
Cacna1c	-4.981	-4.981	-4.980	-4.980	-4.306	-4.741	-4.980	-4.979	-4.981	-4.981	12288	CACNA1C	NM_001159534_6_-_1
Cacna1c	-4.981	-4.981	-4.979	-4.979	-4.311	-4.738	-4.980	-4.979	-4.981	-4.981	12288	CACNA1C	NM_001159535_6_-_1
Adcy3	0.028	-0.392	-3.262	-2.663	-2.515	-4.577	-4.414	-4.905	-4.625	-3.947	104111	ADCY3	NM_001159536_12_+_1
Adcy3	0.913	-2.872	-3.655	-4.742	-2.949	-2.583	-3.411	-0.690	-4.696	-2.786	104111	ADCY3	NM_001159537_12_+_1
Fgd2	4.553	4.131	7.024	6.907	5.205	5.373	5.664	5.485	4.471	3.994	26382	FGD2	NM_001159538_17_+_1
Dpp4	1.870	3.075	5.274	4.866	4.822	4.510	4.152	3.777	2.481	2.108	13482	DPP4	NM_001159543_2_-_1
Nr6a1	-3.074	-1.826	-0.439	-0.624	-3.637	-3.789	-2.298	-3.226	-1.342	0.041	14536	NR6A1	NM_001159548_2_-_1
Nr6a1	-3.043	-1.635	-0.983	-0.866	-3.544	-2.631	-2.026	-1.297	-1.212	-3.081	14536	NR6A1	NM_001159549_2_-_1
H13	5.482	5.133	4.603	4.643	4.573	4.697	4.391	4.536	4.202	4.168	14950	HM13	NM_001159551_2_+_1
H13	1.987	2.258	1.899	1.895	1.830	1.325	1.163	1.434	2.105	2.272	14950	HM13	NM_001159552_2_+_1
H13	3.481	3.268	3.393	2.874	2.726	2.930	2.730	2.515	2.559	2.693	14950	HM13	NM_001159553_2_+_1
Cd36	1.459	2.760	1.925	0.221	-4.526	-0.688	3.114	1.706	3.234	-1.963	12491	CD36	NM_001159555_5_-_1
Cd36	1.704	1.927	8.109	8.728	-1.556	2.031	3.558	4.704	2.394	2.853	12491	CD36	NM_001159556_5_-_1
Cd36	1.665	1.103	6.188	6.637	-2.164	0.470	1.002	3.349	0.898	0.347	12491	CD36	NM_001159557_5_-_1
Cd36	-3.610	-2.904	2.622	3.713	-4.550	-3.391	-1.458	1.386	-0.598	-0.368	12491	CD36	NM_001159558_5_-_1
Xrcc6bp1	3.406	4.202	2.911	3.933	2.140	3.483	2.457	3.559	2.071	3.122	68876	ATP23	NM_001159559_10_-_1
P2rx6	-3.797	-4.981	-4.975	-4.017	-4.980	-4.842	-4.960	-4.408	-3.302	-4.981	18440	P2RX6	NM_001159561_16_+_1
Il1rn	-4.981	-4.981	-1.161	-2.497	1.767	0.465	4.258	4.296	2.838	3.620	16181	IL1RN	NM_001159562_2_+_1
Orc3	4.289	4.364	4.410	4.661	4.601	4.435	4.355	4.015	3.936	4.701	50793	ORC3	NM_001159563_4_-_1
Dctn3	1.701	0.747	0.218	0.362	0.343	0.248	0.141	-0.512	0.712	0.482	53598	DCTN3	NM_001159565_4_-_1
Ephb4	-4.981	-4.981	-4.797	-4.663	-4.853	-4.689	-4.973	-4.060	-4.981	-4.981	13846	EPHB4	NM_001159571_5_+_1
Vsir	4.634	4.310	4.907	5.101	4.726	4.928	5.366	5.846	7.143	7.238	74048	C10orf54	NM_001159572_10_+_1
Fip1l1	4.063	4.518	4.073	4.150	4.589	4.556	4.281	4.049	4.215	3.944	66899	NA	NM_001159573_5_+_1
Fip1l1	2.585	1.777	2.347	0.743	1.737	1.421	1.839	1.915	0.550	0.802	66899	NA	NM_001159574_5_+_1
Lnx1	-4.717	-2.281	-4.799	-4.948	-4.741	-3.451	-4.906	-4.964	-4.725	-4.916	16924	LNX1	NM_001159577_5_-_1
Lnx1	-4.981	-4.981	-4.979	-4.981	-4.972	-4.980	-4.980	-4.980	-4.981	-4.960	16924	LNX1	NM_001159578_5_-_1
Lnx1	-3.507	-3.280	-3.477	-4.371	-4.076	-4.673	-3.879	-4.586	-3.209	-3.555	16924	LNX1	NM_001159579_5_-_1
Lnx1	-1.998	-2.482	-0.966	-2.495	-1.378	-2.505	-1.214	-2.465	-0.465	-0.387	16924	LNX1	NM_001159580_5_-_1
Mutyh	-0.470	0.953	-1.886	-3.281	-0.363	-1.694	-1.438	-1.174	-1.163	-4.719	70603	MUTYH	NM_001159581_4_+_1

Fam219a	1.717	1.533	1.057	0.686	0.663	-0.113	0.305	-0.049	1.215	0.912	71901	FAM219A	NM_001159583_4_-1
Sirt1	0.525	0.645	0.429	1.020	0.732	0.916	0.991	0.657	1.650	1.812	93759	SIRT1	NM_001159589_10_-1
Csnk1g2	5.546	5.401	5.261	5.205	5.255	5.201	5.206	5.212	5.698	5.376	103236	CSNK1G2	NM_001159591_10_+1
Slc20a1	-3.368	-2.079	-0.505	-0.309	0.055	-1.094	-0.957	-0.545	0.626	0.424	20515	SLC20A1	NM_001159593_2_+1
Ints8	3.881	3.565	3.778	3.558	3.557	3.296	3.552	3.485	2.998	3.702	72656	INTS8	NM_001159595_4_-1
Axin1	4.789	4.708	5.127	4.925	5.658	5.337	5.238	5.116	6.113	5.639	12005	AXIN1	NM_001159598_17_+1
Nol9	3.155	3.237	4.203	4.158	3.886	3.712	3.058	4.032	4.385	4.324	74035	NOL9	NM_001159599_4_+1
Tmem8c	-1.378	-1.627	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	66139	TMEM8C	NM_001159602_2_-1
Pum1	0.425	3.391	4.310	3.164	3.899	3.744	3.370	3.038	4.569	5.087	80912	PUM1	NM_001159603_4_+1
Pum1	3.202	2.795	3.220	3.741	2.752	3.487	3.440	2.597	3.332	2.818	80912	PUM1	NM_001159604_4_+1
Pum1	-3.309	1.079	1.126	0.602	1.612	0.034	0.444	1.630	2.380	2.366	80912	PUM1	NM_001159605_4_+1
Pum1	3.345	2.945	2.501	2.111	1.365	2.085	2.495	1.065	0.920	0.432	80912	PUM1	NM_001159606_4_+1
Lrrc57	-0.668	-0.736	-4.063	-2.687	-1.926	-2.439	-3.756	-2.073	-4.238	-1.018	66606	LRRC57	NM_001159609_2_-1
Lrrc57	2.719	0.803	2.154	1.644	1.567	0.816	1.640	1.013	1.093	1.671	66606	LRRC57	NM_001159610_2_-1
Lrrc57	2.515	0.734	2.304	2.133	2.468	0.829	0.733	2.490	2.843	2.964	66606	LRRC57	NM_001159612_2_-1
Pigp	6.425	6.125	4.781	4.430	4.303	4.329	4.645	4.059	2.086	2.273	56176	PIGP	NM_001159616_16_-1
Pigp	1.564	1.636	0.952	-0.192	-0.040	-0.339	0.760	-0.866	-3.245	-2.482	56176	PIGP	NM_001159617_16_-1
Pigp	5.425	5.544	2.986	2.945	3.326	3.908	2.671	2.658	-0.123	-0.001	56176	PIGP	NM_001159618_16_-1
Pigp	2.620	3.567	1.403	2.297	1.708	2.195	1.084	1.469	0.204	0.629	56176	PIGP	NM_001159619_16_-1
Pigp	-2.001	-2.076	-4.942	-3.249	-4.268	-3.433	-3.756	-3.476	-4.981	-4.981	56176	PIGP	NM_001159620_16_-1
Rnpep	1.554	-1.317	3.509	3.539	2.958	2.347	3.614	3.541	4.801	5.129	215615	RNPEP	NM_001159624_1_-1
Hagh	2.860	1.148	0.884	1.116	1.370	1.191	-1.273	-0.622	0.936	1.280	14651	HAGH	NM_001159626_17_+1
Scmh1	-4.840	-4.981	-1.382	-1.607	-0.604	-2.448	-0.315	-2.654	-0.117	-0.299	29871	SCMH1	NM_001159630_4_+1
Nek6	4.974	4.533	3.757	3.960	-0.066	-0.513	-0.950	1.992	-0.629	-1.613	59126	NEK6	NM_001159631_2_+1
Slc44a1	3.409	3.239	3.069	3.444	3.636	3.738	2.780	2.121	1.952	2.183	100434	SLC44A1	NM_001159633_4_+1
Prrc2b	1.573	2.156	3.263	2.890	3.573	2.921	2.691	2.901	3.949	4.261	227723	PRRC2B	NM_001159634_2_+1
Rbm18	2.946	1.600	2.113	-1.150	1.696	0.430	1.393	0.044	1.226	2.015	67889	RBM18	NM_001159635_2_-1
Wdsub1	-4.550	-4.314	-4.886	-4.955	-4.952	-4.977	-3.287	-4.944	-4.788	-4.934	72137	WDSUB1	NM_001159636_2_+1
Nadk	5.570	5.772	6.857	7.261	5.493	5.447	4.803	6.336	5.667	6.417	192185	NADK	NM_001159637_4_+1
Them7	-3.244	-1.961	-2.706	-2.116	-4.967	-4.397	-3.402	-4.592	-4.981	-4.981	74088	NA	NM_001159638_2_+1
Tasp1	2.641	1.796	0.586	0.601	1.152	1.213	0.152	1.143	0.000	0.545	75812	TASP1	NM_001159640_2_-1
Tasp1	1.065	-0.056	-1.117	-2.932	-1.940	-1.328	-1.810	-3.679	-4.313	-3.960	75812	TASP1	NM_001159641_2_-1
Araf	5.509	5.811	5.034	5.106	5.147	5.403	4.816	4.794	4.255	4.403	11836	ARAF	NM_001159645_X_+1
Dut	4.791	4.059	5.280	4.562	5.082	4.214	4.817	3.933	2.630	1.991	110074	DUT	NM_001159646_2_+1
Cntn1	-4.250	-4.981	-4.793	-4.643	-4.824	-4.862	-4.966	-4.774	-4.981	-4.981	12805	CNTN1	NM_001159647_15_+1
Cntn1	-2.062	-4.981	-3.942	-0.992	-2.786	-0.185	-4.938	-1.616	-4.981	-4.981	12805	CNTN1	NM_001159648_15_+1
Lax1	1.714	1.335	-3.464	1.205	-1.050	1.947	1.903	4.530	-2.153	-0.471	240754	LAX1	NM_001159649_1_-1
Crybb3	-4.981	-4.981	-4.697	-4.304	-4.112	-4.218	-4.968	-4.800	-4.981	-4.981	12962	CRYBB3	NM_001159650_5_-1
Gpr62	-0.200	1.393	-4.981	-4.981	-4.985	-4.555	-4.959	-3.167	-4.394	-4.981	436090	GPR62	NM_001159652_9_-1
Proser2	-1.718	-4.393	-0.126	1.811	-4.692	-4.886	-4.206	-4.783	-4.781	-3.380	227545	PROSER2	NM_001159657_2_-1
Aqp12	-4.083	-4.981	-4.046	-4.258	-3.220	-4.551	-2.773	-4.123	-2.238	-3.822	208760	AQP12A AQP12B	NM_001159658_1_+1
Ppp1r16b	2.703	3.041	2.673	2.486	3.030	3.140	1.465	2.805	-0.963	-1.143	228852	PPP1R16B	NM_001159662_2_+1
Efl1	2.487	2.330	2.496	2.963	3.129	1.972	2.444	2.055	2.869	2.790	101592	EFL1	NM_001159672_7_+1
Zfp217	1.995	2.728	3.579	3.038	2.798	3.314	3.632	2.975	3.314	3.166	228913	ZNF217	NM_001159683_2_-1
Efcc1	-2.784	-2.895	2.227	1.121	-3.751	-2.687	-3.740	-4.001	-3.823	-4.981	58229	EFCC1	NM_001159697_6_+1
Ly96	-3.336	-4.981	-1.818	-1.549	-2.283	-2.553	-3.930	-1.520	-0.185	-2.423	17087	LY96	NM_001159711_1_+1
Prpf31	-0.278	-0.791	-0.627	0.232	-0.678	-1.365	-1.499	-1.225	-0.075	-2.238	68988	PRPF31	NM_001159714_7_+1
Sept2	3.118	3.368	3.605	3.850	3.043	2.595	2.976	2.614	3.219	3.430	18000	SEPT2	NM_001159717_1_+1
Sept2	5.472	4.890	4.949	4.574	3.984	3.440	5.058	4.062	4.017	4.110	18000	SEPT2	NM_001159718_1_+1
Sept2	0.818	-0.418	1.775	-0.040	0.066	0.602	1.040	0.458	1.213	2.090	18000	SEPT2	NM_001159719_1_+1
Nectin2	0.868	-4.981	-0.765	0.053	-0.001	-2.643	0.732	-0.403	0.876	-0.509	19294	NECTIN2	NM_001159724_7_-1
Rab17	-3.668	-2.681	-4.956	-4.956	-3.465	-2.501	-4.969	-4.516	-4.981	-3.498	19329	RAB17	NM_001159725_1_-1
Rab23	-0.680	-2.297	-0.056	-1.751	-2.978	-2.514	-2.135	-1.194	-4.624	0.069	19335	RAB23	NM_001159729_1_+1
St8sia4	8.094	8.277	5.776	5.747	5.583	5.513	4.787	4.965	3.946	3.086	20452	ST8SIA4	NM_001159745_1_-1
Serpinb8	-2.114	-4.981	0.381	0.684	-3.919	-4.857	-1.950	-0.163	1.201	1.683	20725	SERPINB8	NM_001159748_1_+1
Tcea1	4.325	4.683	4.223	4.650	4.268	4.133	4.650	4.315	4.151	3.777	21399	TCEA1	NM_001159750_1_+1
Tcea1	-0.651	-1.065	0.006	-1.140	-0.493	-2.559	-1.183	-0.412	-0.624	0.330	21399	TCEA1	NM_001159751_1_+1
Ikbkb	5.863	5.653	6.541	6.589	6.885	6.796	7.245	7.278	8.639	8.595	16150	IKBKB	NM_001159774_8_-1
Kctd18	3.823	3.793	2.904	2.883	3.134	3.052	2.986	2.612	3.509	3.386	51960	KCTD18	NM_001159864_1_-1
Kctd18	-0.002	0.907	-0.009	-2.849	-1.225	0.386	1.141	-0.861	-1.738	-1.413	51960	KCTD18	NM_001159865_1_-1
Uchl5	5.618	5.487	4.995	5.041	4.896	4.709	4.969	4.575	3.554	3.921	56207	UCHL5	NM_001159866_1_+1
Dnajb2	1.419	1.731	1.067	0.892	0.908	0.799	-1.119	0.462	0.537	0.668	56812	DNAJB2	NM_001159883_1_+1
Dnajb2	0.754	0.449	-3.076	-3.249	-0.964	-4.029	-3.506	-1.503	-4.712	-4.981	56812	DNAJB2	NM_001159884_1_+1
Dnajb2	1.875	2.811	1.580	1.648	1.299	2.503	1.621	1.372	0.227	0.204	56812	DNAJB2	NM_001159885_1_+1
Ociad1	1.962	1.796	1.520	0.648	0.967	0.098	1.235	0.516	1.029	0.450	68095	OCIAD1	NM_001159887_5_+1
Ociad1	1.204	1.533	0.361	0.327	0.305	0.005	0.958	-1.208	0.675	0.287	68095	OCIAD1	NM_001159888_5_+1
Ociad1	1.709	1.896	2.280	1.896	2.208	1.630	1.953	1.145	1.998	2.346	68095	OCIAD1	NM_001159889_5_+1
Hopx	2.821	-2.349	1.622	-1.628	0.108	-0.417	3.191	3.390	7.824	6.802	74318	HOPX	NM_001159900_5_-1
Hopx	-1.364	-4.981	-3.196	-3.580	-3.730	-4.356	-1.305	-0.344	4.334	3.753	74318	HOPX	NM_001159901_5_-1
Klrb1a	-1.742	-4.981	-2.684	-4.689	-4.085	-4.786	-2.069	-4.977	-2.315	-4.981	17057	KLRB1	NM_001159902_6_-1
Klrb1c	-0.663	-4.981	-1.468	-4.777	-3.165	-4.148	0.549	-2.709	-1.399	-4.981	17059	KLRB1	NM_001159904_6_-1
Zfand2b	5.097	4.833	4.350	4.308	4.189	3.999	4.567	4.808	5.111	5.038	68818	ZFAND2B	NM_001159905_1_+1
Zfand2b	3.617	4.373	2.689	3.213	2.703	2.791	2.565	3.189	3.643	4.116	68818	ZFAND2B	NM_001159906_1_+1
Tarbp1	0.917	0.853	-0.219	-0.304	-0.299	0.101	0.153	0.540	1.369	1.473	212728	TARBP1	NM_001159907_8_-1

Il11ra1	6.338	1.521	3.945	1.791	2.516	-1.943	3.410	0.592	3.229	2.011	16157	IL11RA	NM_001163401_4_+_1
Ppp2r3d	-0.336	-0.053	-0.862	-1.040	-1.169	-1.740	-0.832	-0.953	-0.669	-0.394	19054	NA	NM_001163415_9_-_1
Fam172a	4.831	5.748	4.821	5.089	5.284	5.508	5.472	5.363	5.179	5.133	68675	FAM172A	NM_001163419_13_+_1
Fam172a	-4.920	-0.468	-1.507	-0.594	-1.711	0.242	-1.938	-0.617	-0.086	-1.650	68675	FAM172A	NM_001163420_13_+_1
Tatdn3	-4.892	-4.981	-4.798	-3.441	-3.687	-2.828	-4.871	-4.966	-4.843	-4.966	68972	TATDN3	NM_001163421_1_-_1
Tatdn3	0.548	-1.703	0.268	-2.802	0.756	-2.878	-0.432	-4.869	-0.636	-4.816	68972	TATDN3	NM_001163422_1_-_1
Myeov2	7.148	7.129	7.408	7.425	7.224	7.168	7.415	7.088	6.324	6.202	66915	COP59	NM_001163425_1_-_1
Pradc1	3.106	2.944	2.823	2.922	1.973	1.860	1.671	2.811	2.152	1.320	73327	PRADC1	NM_001163427_6_-_1
Sirt6	2.068	2.275	0.807	1.058	0.704	0.791	0.821	0.337	-0.900	1.206	50721	SIRT6	NM_001163430_10_-_1
Tmem258	2.067	1.822	0.521	0.089	-0.536	-0.672	0.677	0.292	0.366	-0.823	69038	TMEM258	NM_001163431_19_+_1
Clk2	2.987	2.348	3.313	3.396	2.791	2.592	3.381	2.057	2.744	2.786	12748	CLK2	NM_001163432_3_+_1
Samd4	-1.943	-2.201	-3.965	-3.784	-3.190	-2.751	-2.386	-3.608	-4.981	-3.572	74480	SAMD4A	NM_001163433_14_+_1
Hspa5	9.799	9.897	10.058	10.405	9.265	9.589	9.313	10.071	8.941	9.738	14828	HSPA5	NM_001163434_2_+_1
Mov10	-3.616	0.193	-3.538	-1.505	-0.962	-0.167	-3.509	-4.575	-3.793	-4.105	17454	MOV10	NM_001163440_3_-_1
Mov10	1.533	0.437	2.209	1.450	3.623	2.907	2.909	2.153	3.024	2.710	17454	MOV10	NM_001163441_3_-_1
Smim10l1	6.252	5.175	4.934	4.255	5.251	4.162	5.498	4.106	4.589	4.197	381820	SMIM10L1	NM_001163445_6_+_1
Mapk8ip3	0.615	-2.492	-1.952	-0.535	0.377	0.041	-0.852	0.030	1.095	0.368	30957	MAPK8IP3	NM_001163447_17_-_1
Mapk8ip3	3.743	4.131	2.588	2.785	3.174	3.187	3.494	2.000	2.672	2.929	30957	MAPK8IP3	NM_001163448_17_-_1
Mapk8ip3	-0.710	-0.525	-2.106	-3.864	-1.551	-3.684	-1.527	-4.591	-3.247	-3.640	30957	MAPK8IP3	NM_001163449_17_-_1
Mapk8ip3	1.398	1.677	0.812	-0.173	0.741	0.404	0.223	-0.900	0.267	-0.725	30957	MAPK8IP3	NM_001163450_17_-_1
Mapk8ip3	0.535	0.604	0.106	-0.675	0.804	0.796	-1.353	1.588	-1.233	-1.770	30957	MAPK8IP3	NM_001163451_17_-_1
Trpc4ap	6.656	6.388	7.711	7.810	7.153	7.097	7.101	7.340	8.175	8.356	56407	TRPC4AP	NM_001163452_2_-_1
Mapk8ip3	2.565	2.697	2.619	2.288	3.489	4.044	3.038	3.275	4.247	4.005	30957	MAPK8IP3	NM_001163453_17_-_1
Prorsd1	4.380	2.888	3.619	3.006	3.979	2.982	3.578	2.043	2.419	0.997	67939	NA	NM_001163454_11_-_1
Tbck	4.752	4.761	4.260	4.411	4.985	4.874	4.474	4.373	3.975	4.286	271981	TBCK	NM_001163455_3_+_1
Cox18	3.235	3.858	2.662	3.737	2.957	3.764	2.606	3.261	1.724	2.620	231430	COX18	NM_001163456_5_-_1
Mttp	-1.049	0.178	-1.519	-1.489	-1.577	-1.207	-1.515	-1.463	-1.495	-1.749	17777	MTTP	NM_001163457_3_-_1
Rpap2	1.916	1.030	1.607	-0.048	1.404	-2.638	1.433	-0.731	1.338	-0.549	231571	RPAP2	NM_001163461_5_+_1
Rpap2	0.975	-4.054	-3.334	-2.679	-4.622	-1.979	-2.689	-3.266	-0.233	-4.898	231571	RPAP2	NM_001163462_5_+_1
Abi3	-3.970	-3.448	-4.571	-2.873	-1.939	0.160	-0.011	-4.808	-1.432	-4.491	66610	ABI3	NM_001163464_11_-_1
Rhpn1	-4.433	-4.981	2.340	1.140	0.285	-1.105	-1.599	-4.793	-4.981	-2.969	14787	RHPN1	NM_001163465_15_+_1
Phtf1	1.797	2.528	1.927	0.374	1.644	0.066	-0.091	0.915	2.027	2.135	18685	PHTF1	NM_001163467_3_+_1
Phtf1	1.916	2.067	2.314	1.246	2.165	1.280	1.471	1.891	0.990	0.641	18685	PHTF1	NM_001163468_3_+_1
Phtf1	2.647	2.474	2.031	2.048	2.866	2.688	1.402	-1.089	-0.531	0.592	18685	PHTF1	NM_001163469_3_+_1
Trafdf1	3.569	3.540	6.958	6.657	5.805	5.603	5.967	5.516	7.272	6.840	231712	TRAFDF1	NM_001163470_5_-_1
Hectd2	-2.999	-4.981	-0.139	-3.104	0.471	-0.313	-0.328	-2.727	-1.307	-3.298	226098	HECTD2	NM_001163471_19_+_1
Cyp2d22	-4.981	-3.615	-3.433	-3.787	-4.082	-4.318	-3.080	-2.554	-3.194	-3.140	56448	NA	NM_001163472_15_-_1
1810010H24Rik	0.783	0.528	-1.103	-0.869	-1.736	-2.240	-2.989	-0.947	-0.129	-1.051	69066	C17orf58	NM_001163473_11_+_1
Zfp746	4.226	4.260	4.601	4.115	4.691	4.211	4.699	4.062	4.852	4.792	69228	ZNF746	NM_001163475_6_-_1
Gins1	-4.981	-4.981	-4.037	-3.781	-2.772	-4.971	-3.660	-4.261	-4.981	-4.981	69270	GINS1	NM_001163476_2_+_1
Rabggtb	3.372	4.145	3.450	3.690	3.171	3.114	2.946	2.797	1.782	2.370	19352	RABGGTB	NM_001163478_3_-_1
Rabggtb	1.414	-0.001	-0.288	-2.658	-0.562	-0.998	-0.939	-0.544	0.527	-0.068	19352	RABGGTB	NM_001163479_3_-_1
Neurl1a	-0.484	-3.267	-2.432	-0.702	-0.604	0.741	-2.785	-2.026	-4.394	-4.342	18011	NEURL1	NM_001163480_19_+_1
Fkbp10	-2.149	-4.981	-0.662	-1.403	-4.702	-4.944	-4.968	-4.690	-4.981	-4.981	14230	FKBP10	NM_001163481_11_+_1
Rpl30	4.285	3.215	3.759	2.234	2.666	1.282	3.437	2.438	2.156	0.270	19946	RPL30	NM_001163485_15_-_1
Hsd17b13	-1.469	-0.310	-4.738	-3.340	-3.852	-1.589	-3.423	-1.839	-4.981	-4.981	243168	HSD17B13	NM_001163486_5_-_1
Pfkm	0.619	2.172	0.768	0.540	0.489	0.778	-0.333	0.691	2.108	2.458	18642	PFKM	NM_001163487_15_+_1
Pfkm	0.989	0.923	0.266	1.614	0.204	0.740	0.674	1.980	1.125	-1.693	18642	PFKM	NM_001163488_15_+_1
Sema4a	1.459	-0.647	6.755	6.698	2.520	1.601	5.530	6.291	8.051	7.976	20351	SEMA4A	NM_001163489_3_-_1
Sema4a	-3.199	-3.138	-0.210	-0.615	-4.178	-4.761	-1.955	-1.288	0.243	0.293	20351	SEMA4A	NM_001163490_3_-_1
Sema4a	-1.565	-2.501	3.031	3.511	0.187	0.780	2.282	2.676	3.969	3.887	20351	SEMA4A	NM_001163491_3_-_1
Stard13	-4.981	-1.681	-2.056	-3.966	-4.980	-4.924	-4.867	-4.973	-4.981	-4.981	243362	STARD13	NM_001163493_5_-_1
Arhgap19	-2.950	0.854	0.293	-1.286	-2.147	-0.981	-0.461	-1.695	1.611	0.922	71085	ARHAP19	NM_001163495_19_-_1
Cd160	-3.861	-3.598	-4.574	-4.737	-4.644	-4.920	-4.779	-4.873	-4.796	-4.680	54215	CD160	NM_001163496_3_-_1
Cd160	-4.981	-1.131	-0.663	-2.394	-4.094	-3.362	-3.159	-2.743	-1.492	-0.476	54215	CD160	NM_001163497_3_-_1
Elmsan1	2.925	3.454	3.148	2.995	4.399	3.725	4.252	3.786	5.182	4.750	238317	ELMSAN1	NM_001163501_12_-_1
Elmsan1	4.236	3.698	4.200	4.048	5.441	5.300	4.495	4.226	3.867	4.167	238317	ELMSAN1	NM_001163502_12_-_1
Nr1h4	-4.834	-4.342	-4.981	-4.981	-4.981	-4.981	-4.981	-4.980	-4.981	-4.981	20186	NR1H4	NM_001163504_10_-_1
Atl3	1.341	2.123	1.369	0.366	1.667	2.408	1.611	1.751	1.146	0.970	109168	ATL3	NM_001163505_19_+_1
Mmnr1	-4.981	-1.831	-4.064	-1.917	-2.916	-4.430	-4.404	-4.069	-0.009	-1.359	70945	MMNR1	NM_001163507_6_+_1
Kcnn4	0.882	-1.542	2.233	-3.601	0.738	-4.115	1.509	-2.949	0.778	-2.582	16534	KCNN4	NM_001163510_7_+_1
Spatas5	3.801	2.097	5.297	4.783	3.579	2.939	3.571	3.371	3.264	3.356	57815	SPATA5	NM_001163511_3_+_1
Rgs12	1.457	-0.302	4.645	5.234	7.446	7.602	6.134	4.911	-0.803	-2.163	71729	RGS12	NM_001163512_5_+_1
Dlg5	-4.981	-4.981	-4.500	-3.463	-4.979	-4.970	-4.973	-4.852	-4.981	-4.981	71228	DLG5	NM_001163513_14_-_1
Extl2	1.848	2.323	1.238	2.036	0.250	0.974	1.496	1.164	1.947	2.348	58193	EXTL2	NM_001163514_3_+_1
Extl2	-4.291	-3.621	-1.243	-1.031	-0.840	-2.746	-0.796	-1.575	-1.657	0.284	58193	EXTL2	NM_001163515_3_+_1
Ccdc166	2.979	2.350	2.240	2.384	2.425	2.390	1.157	1.786	1.883	1.386	223648	CCDC166	NM_001163518_15_-_1
Clhc1	-3.293	-3.011	-3.414	-4.183	-2.639	-3.622	-3.655	-3.891	-1.743	-4.981	73324	CLHC1	NM_001163521_11_+_1
S100a14	-4.981	-4.854	-4.960	-4.960	-4.964	-4.964	-4.978	-4.979	-4.967	-4.976	66166	S100A14	NM_001163525_3_+_1
S100a14	-4.981	-2.895	-4.981	-4.981	-4.744	-4.976	-4.772	-4.975	-4.190	-3.855	66166	S100A14	NM_001163526_3_+_1
Itprlp1	3.429	3.263	5.618	5.476	3.358	3.087	3.810	3.880	3.443	3.484	73338	ITPRIP1	NM_001163527_2_-_1
Itprlp1	-4.017	-0.520	-1.271	-1.958	-4.474	-2.130	-3.008	-1.671	-3.696	-3.178	73338	ITPRIP1	NM_001163528_2_-_1
Adam33	-3.116	-4.981	-4.967	-2.163	-3.741	-3.619	-1.853	-2.587	-1.005	-1.204	110751	ADAM33	NM_001163529_2_-_1
Tmem175	0.270	-4.378	0.793	0.251	-0.697	-0.221	-0.936	-0.121	-0.458	-0.231	72392	TMEM175	NM_001163531_5_+_1

Tnnt3	-3.680	-4.017	-4.301	-4.630	-4.606	-4.892	-4.583	-4.755	-1.150	-4.551	21957	TNNT3	NM_001163668_7_+1
Tnnt3	-4.406	-4.191	-2.310	-2.672	-3.219	-4.951	-2.893	-4.855	-3.508	-1.989	21957	TNNT3	NM_001163669_7_+1
Tnnt3	0.352	-1.712	-0.354	-0.984	-1.184	-1.484	-3.873	-1.435	-1.039	-1.546	21957	TNNT3	NM_001163670_7_+1
Mapk9	1.993	1.471	2.815	2.770	2.108	1.914	1.928	1.000	2.355	2.791	26420	MAPK9	NM_001163671_11_+1
Mapk9	3.266	3.145	4.421	3.823	3.546	2.968	2.771	2.468	3.480	3.111	26420	MAPK9	NM_001163672_11_+1
Abcc4	-3.061	0.594	-0.135	0.188	-2.541	-4.279	-1.663	-1.019	0.862	0.459	239273	ABCC4	NM_001163675_14_-1
Abcc4	-3.118	0.557	-1.799	-1.508	-4.492	-2.433	-0.737	-4.690	-0.979	0.813	239273	ABCC4	NM_001163676_14_-1
Nosip	3.133	2.841	2.186	2.149	2.320	2.331	2.816	1.970	2.239	1.470	66394	NOSIP	NM_001163684_7_+1
Naaa	-3.814	-0.518	5.098	5.357	-1.020	-0.232	1.377	2.497	2.494	2.172	67111	NAAA	NM_001163687_5_-1
Ptprra	6.904	6.761	7.033	6.777	6.416	6.297	6.590	6.812	7.108	7.303	19262	PTPRA	NM_001163688_2_+1
Pnpla2	5.691	5.665	6.469	6.295	5.730	5.757	5.996	5.854	6.618	6.170	66853	PNPLA2	NM_001163689_7_+1
Cacna1h	-4.981	-4.981	-4.963	-4.962	-4.941	-3.839	-1.881	-2.193	-4.981	-4.035	58226	CACNA1H	NM_001163691_17_-1
4932438H23Rik	-2.739	-3.408	1.746	1.479	-0.636	-1.739	-0.961	-3.561	-4.190	-4.981	74387	C21orf62	NM_001163695_16_-1
Nr1h4	-3.371	-0.338	-4.981	-4.981	-4.981	-4.980	-4.978	-4.973	-4.981	-4.981	20186	NR1H4	NM_001163700_10_-1
Rpap1	3.368	3.464	3.560	3.840	3.759	4.039	3.823	3.222	3.746	3.785	68925	RPAP1	NM_001163701_2_-1
Fbxo27	-1.494	-4.981	-4.470	-3.683	-4.139	-4.361	-4.588	-4.067	-3.346	-3.416	233040	FBXO27	NM_001163702_7_+1
Dcun1d3	1.125	1.935	3.392	2.983	2.202	1.668	2.076	2.266	3.114	2.731	233805	DCUN1D3	NM_001163703_7_-1
Fbxo6	4.203	3.354	4.141	3.394	2.939	1.926	3.079	1.636	2.877	2.006	50762	FBXO6	NM_001163704_4_-1
Fbxo6	5.724	6.597	5.488	6.350	4.690	5.409	4.768	5.411	4.154	4.806	50762	FBXO6	NM_001163705_4_-1
Fbxo6	4.343	3.272	2.725	1.423	2.615	1.872	1.672	0.692	2.989	1.818	50762	FBXO6	NM_001163706_4_-1
Fbxo6	3.876	2.689	2.761	1.833	1.282	1.249	0.940	1.029	2.160	2.375	50762	FBXO6	NM_001163707_4_-1
Bri3	3.705	3.430	2.598	2.515	2.983	2.568	3.741	2.648	2.921	2.675	55950	BRI3	NM_001163709_5_+1
Tufm	2.547	1.730	1.808	1.719	1.911	1.799	1.536	0.813	1.128	0.763	233870	TUFM	NM_001163713_7_+1
Tsr3	-1.144	0.429	-0.296	0.481	-2.585	-1.309	-1.292	-0.691	-0.917	-0.113	68327	TSR3	NM_001163718_17_+1
Smim1	0.104	-0.630	-4.674	1.569	-2.802	1.568	-1.704	1.780	-1.940	-1.263	68859	SMIM1	NM_001163721_4_-1
Smim1	-1.235	-0.658	-3.762	-0.254	-3.279	-0.068	-1.940	-0.015	-1.494	-1.637	68859	SMIM1	NM_001163722_4_-1
Dyx1c1	-0.649	-2.336	-4.122	-1.706	-4.317	-4.664	-3.863	-3.779	-2.440	-2.385	67685	DYX1C1	NM_001163725_9_+1
4930563E22Rik	-4.981	-1.293	-1.628	-1.936	-0.024	0.196	-0.504	-1.600	-2.175	-2.120	75304	C17orf100	NM_001163728_11_+1
Klhdc3	0.141	-0.798	1.417	1.319	1.485	-0.410	1.103	0.689	2.198	1.316	71765	KLHDC3	NM_001163729_17_-1
Rrp1b	-0.962	-1.959	-1.410	-0.281	-0.217	-0.218	-1.438	0.168	0.698	0.186	72462	RRP1B	NM_001163734_17_+1
Ccdc167	2.262	2.068	2.752	2.241	2.306	1.857	1.948	2.273	3.397	3.468	68597	CCDC167	NM_001163741_17_-1
Nlrx1	1.485	1.480	2.017	2.235	2.558	2.776	3.496	3.602	5.535	5.453	270151	NLRX1	NM_001163742_9_-1
Nlrx1	1.081	1.307	-0.752	-0.165	0.489	0.409	-0.465	0.633	3.595	2.603	270151	NLRX1	NM_001163743_9_-1
Pgm3	-4.782	-1.824	-2.858	-3.416	-4.818	-4.937	-3.563	-3.079	-2.005	-2.319	109785	PGM3	NM_001163746_9_-1
Tmem192	3.175	2.573	1.892	1.336	0.319	-0.244	1.445	0.260	1.901	1.310	73067	TMEM192	NM_001163747_8_+1
Pde9a	-4.981	-4.981	-4.517	-4.197	-4.985	-3.041	-4.417	-4.288	-4.981	-4.981	18585	PDE9A	NM_001163748_17_+1
Camsap3	0.572	1.704	-2.190	-3.890	-2.421	-2.913	-3.102	-2.431	-4.981	-4.478	69697	CAMSAP3	NM_001163749_8_+1
Spsb3	3.100	2.334	3.733	2.906	3.330	1.397	3.189	1.619	3.935	2.557	79043	SPSB3	NM_001163750_17_+1
Spsb3	5.316	5.558	4.538	4.733	4.756	5.070	4.482	4.587	4.906	4.893	79043	SPSB3	NM_001163751_17_+1
4930432K21Rik	1.221	0.468	-2.651	-1.674	-0.524	-1.454	-1.377	-2.699	-2.177	-1.839	74666	C19orf57	NM_001163752_8_+1
Rab37	-4.981	-4.981	-4.975	-4.975	-4.981	-4.981	-4.950	-4.966	-4.981	-4.969	58222	RAB37	NM_001163753_11_+1
Rab3gap2	4.424	4.904	4.384	4.770	4.721	5.256	4.793	5.004	5.130	5.317	98732	RAB3GAP2	NM_001163754_1_+1
Dhx57	4.062	3.995	4.918	4.546	5.500	4.935	5.219	4.799	4.112	4.225	106794	DHX57	NM_001163759_17_-1
6430548M08Rik	-2.798	-4.544	-4.552	-3.380	-4.122	-4.923	-3.008	-4.467	-2.926	-4.108	234797	KIAA0513	NM_001163760_8_+1
6430548M08Rik	-1.000	0.834	1.908	1.890	3.691	3.337	5.532	5.609	7.648	7.239	234797	KIAA0513	NM_001163761_8_+1
6430548M08Rik	-4.004	-1.094	-1.500	-1.341	-2.211	-3.481	-0.720	-0.505	1.408	1.361	234797	KIAA0513	NM_001163762_8_+1
Tcf19	1.052	1.762	3.039	2.619	2.376	2.287	1.770	2.273	1.862	1.310	106795	TCF19	NM_001163763_17_-1
Tcf19	3.005	2.722	4.165	4.407	3.149	2.526	2.462	2.386	2.600	1.271	106795	TCF19	NM_001163764_17_-1
Wdr90	1.737	1.860	3.022	2.952	2.314	2.456	2.312	1.841	1.605	1.092	106618	WDR90	NM_001163766_17_-1
U2af1	3.065	3.829	2.969	2.592	3.485	3.252	3.251	2.762	1.289	1.439	108121	NA	NM_001163769_17_-1
Dxo	3.843	3.914	3.456	3.705	3.880	3.719	3.752	3.665	3.258	3.085	112403	DXO	NM_001163770_17_+1
Taok2	0.093	0.025	1.199	0.695	1.449	1.096	1.057	0.525	1.298	1.822	381921	TAOK2	NM_001163774_7_-1
Taok2	3.843	4.006	4.281	4.293	4.829	4.815	4.590	4.547	5.276	5.265	381921	TAOK2	NM_001163775_7_-1
Tmprss3	-4.981	-4.981	-4.960	-4.845	-4.968	-4.947	-4.901	-4.933	-4.981	-4.981	140765	TMPRSS3	NM_001163776_17_-1
Ick	1.213	0.700	0.456	-0.745	-0.772	0.444	0.564	-0.424	1.473	-0.127	56542	ICK	NM_001163780_9_+1
Orc6	2.399	-4.497	0.035	-4.949	0.634	-3.741	0.440	-2.651	-4.728	-1.459	56452	ORC6	NM_001163791_8_+1
Fam76a	2.846	3.287	1.193	2.017	2.372	2.438	2.998	2.938	3.813	3.600	230789	FAM76A	NM_001163792_4_-1
C530008M17Rik	-2.647	-0.235	-2.983	-1.094	-3.624	-1.131	-2.476	-1.530	-3.373	-0.455	320827	NA	NM_001163793_5_+1
Pdik1l	3.835	3.549	4.053	4.165	3.874	3.833	4.041	3.831	4.234	4.445	230809	PDIK1L	NM_001163794_4_-1
Trem1	-4.738	-4.385	4.425	4.320	2.346	1.664	3.755	4.150	3.277	4.556	224840	NA	NM_001163795_17_+1
Trem1	-0.013	-4.668	4.756	4.936	1.956	1.769	3.936	3.841	4.254	4.070	224840	NA	NM_001163796_17_+1
Zfp68	3.389	2.800	2.517	1.645	2.260	0.522	1.317	1.181	3.157	2.128	24135	NA	NM_001163797_5_-1
Tescl	-4.981	0.935	-2.099	1.025	-4.849	0.970	-4.759	0.014	-4.981	-0.947	69301	NA	NM_001163810_7_-1
Vav1	1.570	-2.369	1.977	-0.735	0.883	0.713	1.654	2.311	1.267	2.441	22324	VAV1	NM_001163815_17_+1
Vav1	-4.619	-4.369	-0.014	0.659	-1.391	-4.839	-1.392	-1.710	-4.163	-0.841	22324	VAV1	NM_001163816_17_+1
Ppp1r10	3.747	4.593	4.771	4.882	4.932	4.953	4.473	4.475	4.697	4.905	52040	PPP1R10	NM_001163818_17_+1
Fance	3.283	2.845	2.329	1.913	2.982	1.933	2.344	1.962	2.875	2.761	72775	FANCE	NM_001163819_17_+1
Fance	-0.322	-0.138	0.266	0.131	-1.117	0.553	-1.051	0.263	-1.138	-0.930	72775	FANCE	NM_001163820_17_+1
Msl13l2	1.847	3.334	2.349	3.504	1.907	3.083	1.845	3.250	1.283	2.837	73390	NA	NM_001163833_10_+1
Tbc1d24	-2.354	-1.485	-2.804	-3.991	-4.717	-4.265	-2.394	-2.577	-3.510	-3.970	224617	TBC1D24	NM_001163847_17_-1
Tbc1d24	-3.326	-2.343	-3.521	-1.732	-3.967	-3.136	-2.951	-1.837	-3.538	-4.167	224617	TBC1D24	NM_001163848_17_-1
Tbc1d24	-1.167	-0.066	-2.163	-0.722	-1.611	-4.335	0.088	-2.592	-1.223	-2.999	224617	TBC1D24	NM_001163849_17_-1
Tbc1d24	-1.878	-0.931	-0.598	-0.586	-2.907	-3.819	-0.983	-2.637	-0.171	2.652	224617	TBC1D24	NM_001163850_17_-1
Tbc1d24	-2.982	-0.514	-0.229	0.757	-0.201	-1.356	-2.138	-0.197	1.168	1.497	224617	TBC1D24	NM_001163851_17_-1

Nagk	4.669	4.693	5.490	5.354	3.626	3.819	3.970	3.892	3.329	3.497	56174	NAGK	NM_001164187_6_+_1
Mtm1	-3.651	-3.182	-4.081	-4.520	-4.570	-4.921	-4.321	-4.695	-3.781	-4.172	17772	MTM1	NM_001164190_X_+_1
Mtm1	3.748	4.134	4.070	4.270	2.615	2.997	2.754	3.087	4.317	4.743	17772	MTM1	NM_001164191_X_+_1
Mtm1	-3.741	-3.026	-0.515	-4.699	-0.514	-3.482	-1.475	-4.080	-4.433	-4.519	17772	MTM1	NM_001164192_X_+_1
Mtm1	-1.439	-4.981	-4.192	-4.970	-4.367	-3.475	-3.330	-4.783	-4.981	-4.981	17772	MTM1	NM_001164193_X_+_1
Pex3	2.075	1.013	1.634	1.743	0.472	0.296	-0.286	-0.483	-2.082	-4.877	56535	PEX3	NM_001164195_10_-_1
Mmp19	-4.981	-4.981	1.955	1.753	-1.799	-3.257	-2.239	0.244	1.753	3.366	58223	MMP19	NM_001164197_10_+_1
Prkacb	-3.920	-3.125	-1.240	-0.967	-1.506	-2.375	-1.326	-1.200	0.459	0.377	18749	PRKACB	NM_001164198_3_-_1
Prkacb	-1.766	0.241	0.289	-1.032	-0.270	-1.973	-0.834	-0.787	-0.934	-3.203	18749	PRKACB	NM_001164199_3_-_1
Prkacb	5.843	5.801	5.769	5.757	6.385	6.494	6.153	5.849	5.899	6.149	18749	PRKACB	NM_001164200_3_-_1
Gm8369	-2.092	-3.315	-1.927	-1.634	-1.039	-1.111	0.898	0.755	0.501	-0.094	666926	NA	NM_001164202_19_+_1
Plec	-4.673	-4.558	-4.829	-4.885	-4.898	-4.955	-4.765	-4.571	-3.137	-4.653	18810	PLEC	NM_001164203_15_-_1
Tsen34	2.625	3.658	1.796	2.162	2.741	2.975	2.214	2.264	1.688	2.320	66078	TSEN34	NM_001164204_7_+_1
Tsen34	-4.981	-0.820	-2.602	-3.498	-1.574	-1.638	-2.260	-3.999	-1.450	-0.542	66078	TSEN34	NM_001164205_7_+_1
Tmem176b	3.226	3.240	3.329	3.710	5.098	5.078	5.910	5.831	2.959	3.438	65963	TMEM176B	NM_001164207_6_-_1
Tmem176b	5.282	5.659	7.227	7.440	9.403	9.532	10.015	10.108	7.815	8.665	65963	TMEM176B	NM_001164208_6_-_1
Tmem176b	3.240	2.910	4.781	5.182	6.666	7.007	7.566	7.653	4.547	5.293	65963	TMEM176B	NM_001164209_6_-_1
Rerg	-4.981	-4.981	-4.980	-4.980	-4.977	-3.767	-4.981	-4.981	-4.437	-4.981	232441	RERG	NM_001164212_6_-_1
Rerg	-4.981	-4.981	-4.978	-4.978	-4.975	-4.975	-4.981	-4.981	-3.834	-4.981	232441	RERG	NM_001164214_6_-_1
Romo1	6.565	6.277	6.147	6.087	6.131	5.930	6.285	5.802	4.992	4.703	67067	ROMO1	NM_001164216_2_+_1
Romo1	2.029	1.740	1.773	1.969	1.551	1.407	2.008	1.067	0.886	0.893	67067	ROMO1	NM_001164217_2_+_1
Trim13	-4.026	-3.549	-4.141	-4.571	-4.649	-4.867	-2.940	-4.672	-4.166	-4.318	66597	TRIM13	NM_001164220_14_+_1
Col4a3bp	3.181	3.713	4.322	4.347	3.959	4.166	3.835	3.966	4.017	4.320	68018	COL4A3BP	NM_001164222_13_+_1
Rpa1	0.514	-0.421	0.241	-3.338	1.976	-0.938	0.959	-2.356	1.934	-1.765	68275	RPA1	NM_001164223_11_-_1
Aspscr1	1.626	1.911	1.390	1.615	1.520	0.767	1.790	1.020	2.884	1.856	68938	ASPSCR1	NM_001164224_11_+_1
Fbxl16	-3.563	-4.981	-4.331	-4.678	-2.431	-3.456	-4.968	-3.828	-4.981	-4.981	214931	FBXL16	NM_001164225_17_+_1
Nrf1	2.683	3.390	2.704	2.429	3.601	2.426	3.333	3.496	4.262	4.100	18181	NRF1	NM_001164226_6_+_1
Nrf1	2.652	2.301	2.482	2.062	2.451	2.051	2.511	2.086	2.883	2.044	18181	NRF1	NM_001164227_6_+_1
Nrf1	-4.895	-4.981	-4.900	-4.960	-4.965	-4.973	-4.980	-4.980	-4.846	-4.966	18181	NRF1	NM_001164228_6_+_1
Nrf1	-1.160	0.159	0.155	-0.055	0.242	-0.587	-0.384	-0.148	0.311	1.042	18181	NRF1	NM_001164229_6_+_1
Nrf1	-0.759	-4.981	-4.887	-4.977	-4.075	-4.964	-2.936	-4.942	-3.462	-4.981	18181	NRF1	NM_001164230_6_+_1
Pwwp2a	3.761	3.991	3.705	3.378	3.749	3.998	3.698	3.707	3.689	3.686	70802	PWWP2A	NM_001164231_11_+_1
1700034J05Rik	-4.981	-1.298	-3.956	-4.920	-4.959	-4.942	-4.857	-4.963	-4.981	-4.981	73344	C12orf71	NM_001164236_6_-_1
Rnf41	4.037	4.116	4.999	5.052	5.331	5.431	5.179	5.182	5.433	5.397	67588	RNF41	NM_001164237_10_+_1
Prpsap1	4.355	4.907	3.708	4.219	3.937	4.443	3.901	3.431	2.813	2.892	212627	PRPSAP2	NM_001164242_11_-_1
Prpsap2	3.042	2.922	2.061	1.852	0.934	1.402	1.586	0.375	1.853	1.306	212627	PRPSAP2	NM_001164243_11_-_1
Prpsap2	3.560	3.405	3.219	2.043	3.301	2.625	2.541	2.828	2.194	2.312	212627	PRPSAP2	NM_001164244_11_-_1
Tpm1	-4.981	-4.588	-4.693	-4.626	-4.981	-4.981	-4.971	-4.966	-4.981	-4.981	22003	NA	NM_001164248_9_-_1
Tpm1	-4.861	-3.571	-3.127	-2.480	-4.470	-4.961	-4.964	-3.266	-2.538	-2.352	22003	NA	NM_001164249_9_-_1
Tpm1	-3.465	-2.001	-1.150	-2.582	-4.979	-4.757	-2.473	-2.744	-2.131	-3.135	22003	NA	NM_001164250_9_-_1
Tpm1	-4.981	-4.063	-4.105	-4.331	-4.908	-3.879	-4.967	-4.963	-4.981	-4.981	22003	NA	NM_001164251_9_-_1
Tpm1	3.273	3.391	3.654	3.410	3.801	4.081	3.918	3.292	2.204	2.969	22003	NA	NM_001164252_9_-_1
Tpm1	5.142	5.104	5.234	5.281	4.897	4.946	4.875	4.856	3.655	3.335	22003	NA	NM_001164253_9_-_1
Tpm1	-2.688	-1.912	-2.294	-2.827	-1.234	-3.447	-4.610	-3.937	-3.124	-3.976	22003	NA	NM_001164254_9_-_1
Tpm1	-4.668	-4.981	-4.417	-4.679	-4.979	-4.975	-4.824	-4.892	-4.602	-4.763	22003	NA	NM_001164255_9_-_1
Tpm1	-1.669	-4.981	-0.506	-0.904	0.031	-0.161	-1.531	-1.145	-1.105	-0.815	22003	NA	NM_001164256_9_-_1
Xrra1	-4.981	-4.981	-3.736	-4.981	-4.965	-4.465	-4.981	-4.981	-4.394	-4.981	446101	XRRA1	NM_001164258_7_+_1
Fgfrl1	-0.345	-0.505	-2.431	-2.760	-4.052	-1.977	-1.389	-2.557	-1.846	-2.919	116701	FGFR1	NM_001164259_5_+_1
Plekhs1	-4.981	-4.981	-4.952	-4.552	-1.623	1.453	-2.281	-1.445	-4.981	-4.342	226245	PLEKH51	NM_001164263_19_+_1
Cpsf7	4.259	4.217	3.414	3.179	4.128	3.783	3.890	2.507	3.954	3.628	269061	CPF57	NM_001164272_19_+_1
Mga	4.687	4.041	3.351	2.471	3.402	2.575	3.113	2.037	1.808	-1.060	29808	MGA	NM_001164274_2_+_1
Prrg1	-3.282	-4.981	-2.908	-3.830	-1.229	-2.306	-2.468	-3.545	-4.814	0.611	546336	PRRG1	NM_001164275_X_-_1
Phf11c	1.748	1.692	4.846	4.465	5.564	4.436	3.997	2.828	1.865	1.325	628705	PHF11	NM_001164289_14_-_1
Cuedc2	4.672	4.278	3.802	4.086	4.352	4.227	3.495	3.283	4.330	3.959	67116	CUEDC2	NM_001164290_19_-_1
Cuedc2	6.016	5.285	4.286	4.514	4.626	4.990	4.391	4.190	4.142	3.669	67116	CUEDC2	NM_001164291_19_-_1
Cuedc2	4.370	4.951	3.395	3.124	4.339	3.586	3.829	3.444	3.274	3.335	67116	CUEDC2	NM_001164292_19_-_1
Cuedc2	3.685	3.302	2.432	2.490	2.567	2.608	2.715	2.466	2.933	2.576	67116	CUEDC2	NM_001164293_19_-_1
Cuedc2	4.317	3.953	2.904	3.624	3.353	4.091	3.289	3.317	2.976	2.576	67116	CUEDC2	NM_001164294_19_-_1
Cuedc2	3.064	3.586	2.054	2.192	3.095	2.482	2.718	2.441	2.171	2.573	67116	CUEDC2	NM_001164295_19_-_1
Loxl4	-2.405	-1.898	-3.474	-3.624	-2.321	-2.927	-3.762	-3.368	-1.926	-0.810	67573	LOXL4	NM_001164311_19_-_1
Wars	4.591	4.602	4.516	4.756	5.103	4.804	4.870	4.953	5.774	5.287	22375	WARS	NM_001164314_12_-_1
Ccser1	-2.966	-1.653	2.160	2.129	0.389	0.880	-0.353	-0.613	-4.981	-3.517	232035	CCSER1	NM_001164316_6_+_1
Chadl	-3.028	-2.349	-0.201	-1.099	-3.008	-2.811	-0.833	-0.986	0.187	-0.984	214685	CHADL	NM_001164320_15_-_1
Trpm7	4.675	3.954	4.211	3.923	3.682	4.382	3.871	3.864	4.293	4.686	58800	TRPM7	NM_001164325_2_-_1
Phf11b	6.782	6.561	8.155	7.737	7.600	6.959	7.804	7.004	6.529	5.094	236451	PHF11	NM_001164327_14_-_1
Gm6904	-0.672	-1.356	1.974	1.608	3.024	2.425	1.855	-0.035	0.141	-2.226	628693	NA	NM_001164329_14_-_1
March5	4.931	4.646	4.525	4.551	4.414	4.197	4.290	4.228	4.886	4.530	69104	MARCH5	NM_001164336_19_+_1
March5	2.542	2.317	2.993	2.968	2.885	2.828	2.216	2.119	2.769	2.354	69104	MARCH5	NM_001164337_19_+_1
Efemp2	-4.845	-4.573	-2.509	-2.591	-2.855	-4.353	-2.904	-4.035	-2.203	-0.208	58859	EFEMP2	NM_001164352_19_+_1
Ska1	-0.852	-1.917	1.785	-0.506	2.526	-0.588	2.083	-2.546	0.594	-3.031	66468	SKA1	NM_001164355_18_-_1
Slc25a25	2.241	2.651	4.790	4.784	4.608	4.422	4.302	4.177	3.860	4.315	227731	SLC25A25	NM_001164357_2_-_1
Slc25a25	-4.885	-4.981	-2.596	-2.087	-4.000	-3.291	-2.942	-4.009	-1.468	-1.607	227731	SLC25A25	NM_001164358_2_-_1
Erlin1	2.522	3.246	4.208	3.949	3.492	3.052	3.500	2.482	3.592	3.312	226144	ERLIN1	NM_001164359_19_-_1
Erlin1	4.227	4.895	6.728	6.478	6.136	6.067	5.694	6.004	6.343	6.734	226144	ERLIN1	NM_001164360_19_-_1

Aire	-4.899	-4.981	-1.775	-4.790	-0.498	-1.260	-2.933	-4.290	-4.981	-4.981	11634	AIRE	NM_001271549_10_-1
Aire	-4.895	-4.981	-4.923	-4.926	-2.035	-1.943	-4.664	-4.674	-4.981	-4.981	11634	AIRE	NM_001271550_10_-1
Aire	-4.893	-4.981	-2.125	-2.644	-4.510	-2.755	-4.598	-4.535	-4.981	-4.981	11634	AIRE	NM_001271551_10_-1
Aire	-4.692	-4.981	-2.842	-1.959	-2.912	-2.690	-3.864	-4.745	-4.981	-4.981	11634	AIRE	NM_001271552_10_-1
Aire	-4.684	-4.981	-3.028	-3.301	-2.670	-4.717	-4.922	-4.813	-4.981	-4.981	11634	AIRE	NM_001271553_10_-1
Aire	-4.657	-4.981	-4.769	-3.457	-3.262	-4.815	-4.912	-4.727	-4.981	-4.981	11634	AIRE	NM_001271554_10_-1
Aire	-4.644	-4.981	-4.683	-4.811	-2.947	-4.765	-4.910	-4.564	-4.981	-4.981	11634	AIRE	NM_001271555_10_-1
Aire	-3.679	-4.981	-4.359	-4.673	-4.329	-3.670	-2.853	-4.599	-4.981	-4.981	11634	AIRE	NM_001271556_10_-1
Aire	-3.604	-4.981	-4.446	-4.690	-4.268	-4.840	-4.545	-4.485	-4.981	-4.981	11634	AIRE	NM_001271557_10_-1
Aire	-3.099	-4.981	-4.278	-4.648	-3.654	-3.253	-4.318	-4.967	-4.981	-4.981	11634	AIRE	NM_001271558_10_-1
Aire	-2.998	-4.981	-4.085	-4.650	-3.480	-4.715	-3.904	-4.971	-4.981	-4.981	11634	AIRE	NM_001271559_10_-1
Armc3	2.139	2.333	-1.785	-3.007	-1.334	-2.091	-0.406	-2.071	1.264	-0.323	70882	ARMC3	NM_001271563_2_+1
Armc3	3.241	3.416	-0.705	-1.947	-0.103	-0.653	0.817	-0.665	2.293	0.748	70882	ARMC3	NM_001271564_2_+1
Armc3	2.254	1.771	-2.345	-3.285	-0.503	-1.569	0.545	-0.702	0.817	-0.535	70882	ARMC3	NM_001271565_2_+1
Cdc7	-4.281	-0.327	-2.498	-0.644	-0.376	0.048	-1.661	-0.462	-1.268	-4.783	12545	CDC7	NM_001271566_5_+1
Cdc7	2.419	1.201	1.617	0.423	2.675	2.174	1.266	1.182	0.030	-0.913	12545	CDC7	NM_001271567_5_+1
Cdc7	-0.493	0.130	-2.000	-2.612	0.580	-0.805	0.623	-0.923	-4.481	-4.634	12545	CDC7	NM_001271568_5_+1
1700065D16Rik	-4.981	-4.981	-3.591	-4.027	-3.820	-4.876	-4.491	-3.987	-4.394	-4.981	73410	NA	NM_001271569_9_-1
Sec1	-1.395	-4.981	0.305	0.325	2.599	3.335	0.301	-0.647	-4.190	-4.981	56546	NA	NM_001271578_7_-1
Phc1	2.479	1.800	0.254	-0.505	3.815	3.242	0.801	0.918	-1.595	0.277	13619	PHC1	NM_001271579_6_-1
4930426D05Rik	-1.709	-4.981	-4.850	-2.825	-4.322	-1.515	-2.132	0.381	-4.981	-3.882	74644	NA	NM_001271580_18_+1
Smim10l1	-1.429	-0.365	-1.257	-0.934	-0.941	-1.337	-0.775	-2.071	-2.941	-1.558	381820	SMIM10L1	NM_001271582_6_+1
Smim10l1	-0.471	-2.708	-1.898	-2.687	-1.722	-2.024	-2.098	-4.577	-2.142	-2.732	381820	SMIM10L1	NM_001271583_6_+1
Dnajc5	3.763	4.234	4.115	3.837	4.064	3.624	3.656	3.578	5.017	4.285	13002	DNAJCS	NM_001271584_2_+1
Dnajc5	0.429	1.616	-0.823	2.350	0.142	0.651	0.066	2.199	2.991	2.462	13002	DNAJCS	NM_001271585_2_+1
4930451G09Rik	-1.004	0.410	-2.889	-1.686	-1.169	-0.097	-3.135	-1.454	-4.394	-1.629	74684	NA	NM_001271586_16_+1
Eps8	-3.619	1.260	-0.653	-2.297	0.114	-1.871	-0.892	-3.325	0.853	-4.464	13860	EPS8	NM_001271587_6_-1
Eps8	-1.602	4.280	-3.565	-0.037	-0.420	0.441	0.478	-1.846	1.839	1.524	13860	EPS8	NM_001271588_6_-1
Eps8	-0.593	5.004	-1.149	-0.556	-3.598	-1.522	-1.628	-1.234	-4.438	-2.316	13860	EPS8	NM_001271589_6_-1
Rpl37rt	-0.702	-1.161	1.042	0.508	0.411	-0.867	0.766	-1.532	-1.977	-0.537	100502825	NA	NM_001271590_5_-1
Rpl37rt	0.719	0.813	0.212	-0.472	-0.654	-1.290	0.094	-0.456	0.925	-0.662	100502825	NA	NM_001271591_5_-1
Eps8	-3.663	2.275	4.701	-2.781	5.367	-1.211	5.359	-3.321	5.801	-4.472	13860	EPS8	NM_001271595_6_-1
Sort1	4.378	3.810	2.964	3.785	3.561	3.987	3.262	2.240	4.867	5.492	20661	SORT1	NM_001271599_3_+1
Ncaph2	3.415	3.666	3.352	2.563	2.485	2.158	2.494	2.158	1.834	1.789	52683	NCAPH2	NM_001271600_15_+1
Ncaph2	4.200	4.356	4.549	4.865	3.939	4.029	4.014	3.994	4.043	3.360	52683	NCAPH2	NM_001271601_15_+1
Socs1	-0.748	-0.762	-0.567	0.711	-0.115	-0.750	-2.260	-2.562	-0.726	-2.024	12703	SOCS1	NM_001271603_16_-1
Ackr3	-2.339	-4.826	-4.980	-4.964	-4.952	-3.665	-4.722	-3.417	-4.949	-4.981	12778	ACKR3	NM_001271607_1_+1
Fen1	2.018	1.968	2.090	2.620	2.521	1.525	1.878	1.530	2.011	0.352	14156	FEN1	NM_001271614_19_-1
Fen1	4.433	4.279	3.777	4.074	4.121	3.894	3.899	3.915	3.414	2.864	14156	FEN1	NM_001271615_19_-1
Runx2	-1.866	-1.781	-0.123	-2.371	0.854	2.072	1.025	-0.048	-4.217	-4.085	12393	RUNX2	NM_001271627_17_-1
Runx2	6.719	6.606	2.027	1.757	0.970	2.205	2.867	2.208	2.988	3.023	12393	RUNX2	NM_001271630_17_-1
Runx2	-4.354	-1.431	-4.297	-4.712	-3.676	-4.837	-4.411	-2.701	-4.308	-4.480	12393	RUNX2	NM_001271631_17_-1
Ifi47	-1.206	-0.230	-4.467	-3.575	-4.803	-3.666	-2.632	-4.682	-1.162	-1.798	15953	NA	NM_001271676_11_+1
Ifi47	-1.679	-1.550	-1.836	-3.990	0.677	0.081	-0.232	-0.492	2.681	2.036	15953	NA	NM_001271677_11_+1
Wnk3	-3.337	-4.981	-4.968	-4.968	-4.978	-4.899	-4.981	-4.976	-4.727	-4.981	279561	WNK3	NM_001271678_X_+1
Wnk3	-1.092	-4.981	-4.948	-4.948	-4.984	-4.506	-4.979	-4.954	-4.496	-4.981	279561	WNK3	NM_001271679_X_+1
Pgf	0.108	1.101	-0.653	-0.842	-2.598	-0.870	-2.202	-0.060	-3.242	-0.701	18654	PGF	NM_001271705_12_-1
Lrrn3	-4.404	-4.610	-3.964	-4.761	-4.604	-4.854	-4.555	-4.229	-3.481	-4.623	16981	LRRN3	NM_001271708_12_-1
Lrrn3	-4.113	-4.544	-2.998	-4.548	-3.880	-3.922	-3.316	-2.104	-1.348	-4.459	16981	LRRN3	NM_001271709_12_-1
Surf1	-0.257	0.401	-1.746	-3.251	-2.324	-3.092	-1.132	-2.846	-1.822	-1.532	20930	SURF1	NM_001271724_2_-1
Trim2	-3.871	-4.981	-1.286	-2.702	-4.869	-2.611	-4.174	-3.131	-2.114	-4.981	80890	TRIM2	NM_001271725_3_-1
Trim2	-4.034	-4.981	-3.572	-3.787	-4.895	-3.696	-4.317	-4.350	-3.113	-4.981	80890	TRIM2	NM_001271726_3_-1
Trim2	-4.625	-4.981	-0.510	-0.161	1.500	1.856	-0.555	-1.234	-3.895	-4.342	80890	TRIM2	NM_001271727_3_-1
Trim2	-4.263	-4.981	-4.096	-4.587	-4.029	-4.716	-4.484	-4.829	-3.962	-4.981	80890	TRIM2	NM_001271728_3_-1
Tk1	-4.264	-1.132	-1.071	-0.539	1.962	-1.011	-0.504	-1.072	-4.400	-4.819	21877	TK1	NM_001271729_11_-1
Xbp1	6.601	6.980	6.391	6.013	4.849	4.717	6.220	6.210	7.511	6.931	22433	XBP1	NM_001271730_11_+1
Dnmt3b	-3.937	-4.835	-4.106	-4.809	-4.786	-4.865	-4.138	-4.328	-4.654	-4.953	13436	DNMT3B	NM_001271744_2_+1
Dnmt3b	-2.576	-4.715	-2.198	-4.776	-4.713	-0.408	-1.050	-1.797	-3.202	-4.706	13436	DNMT3B	NM_001271745_2_+1
Dnmt3b	-2.509	-2.586	-3.775	-3.546	-4.538	-4.803	-4.665	-4.570	-0.398	-4.763	13436	DNMT3B	NM_001271746_2_+1
Dnmt3b	1.560	-0.117	0.655	-1.331	0.418	-1.569	0.176	-0.255	1.043	0.548	13436	DNMT3B	NM_001271747_2_+1
Dnmt3a	4.273	3.650	4.878	5.020	5.735	5.975	4.566	4.317	2.060	2.345	13435	DNMT3A	NM_001271753_12_+1
Wnt5b	-4.981	-4.981	-4.611	-4.679	-4.981	-4.981	-4.399	-4.923	-4.753	-4.764	22419	WNT5B	NM_001271757_6_-1
Wnt5b	-4.981	-4.981	-3.456	-2.696	-4.970	-4.970	-1.948	-3.314	-2.639	-3.273	22419	WNT5B	NM_001271758_6_-1
Adra1a	-4.981	-4.981	-4.981	-4.981	-4.949	-4.508	-4.943	-4.962	-4.981	-4.342	11549	ADRA1A	NM_001271760_14_+1
Tpm3	6.262	5.534	6.966	6.642	7.335	6.764	7.001	6.277	7.160	6.163	59069	TPM3	NM_001271764_3_+1
Gpr35	1.901	1.969	3.308	3.771	3.241	3.943	3.042	0.544	1.569	1.900	64095	GPR35	NM_001271766_1_+1
Bhlhe41	-4.280	-4.981	-4.948	-4.453	-4.937	-4.901	-4.551	-1.533	-4.394	-3.751	79362	NA	NM_001271768_6_-1
Skil	-2.379	0.357	-4.318	-2.241	-3.742	-3.385	-1.160	-1.420	-1.382	-1.879	20482	SKIL	NM_001271772_3_+1
C8g	-2.942	-4.981	-0.542	-2.696	-0.716	-1.423	-1.879	-2.042	0.308	-0.125	69379	C8G	NM_001271777_2_-1
Rchy1	4.639	4.380	2.466	1.905	2.239	1.473	1.766	1.583	2.929	2.526	68098	RCHY1	NM_001271797_5_-1
Agpr	-4.944	-4.981	-4.907	-4.963	-4.974	-4.981	-4.888	-4.971	-4.981	-4.976	11604	AGRP	NM_001271806_8_-1
Aqp9	-4.802	-4.981	-2.572	-4.836	-2.915	-4.777	-3.123	-3.439	-4.569	-4.930	64008	AQP9	NM_001271843_9_-1
Add2	-4.981	-3.683	-4.810	-4.429	-4.729	-4.951	-4.954	-4.746	-4.879	-4.372	11519	ADD2	NM_001271857_6_+1
Add2	-4.981	-3.669	-4.809	-4.422	-4.726	-4.951	-4.953	-4.741	-4.879	-4.363	11519	ADD2	NM_001271858_6_+1

Acvrl1	-0.072	0.063	1.499	1.542	-1.300	-1.569	0.157	0.278	-3.411	-2.222	11482	ACVRL1	NM_001277258_15_+_1
Acvrl1	-4.133	-3.083	-2.905	-4.672	-4.720	-4.929	-2.819	-4.880	-1.281	-4.466	11482	ACVRL1	NM_001277259_15_+_1
Tbxa2r	6.619	6.807	-0.878	-0.278	-4.637	-0.465	-1.522	1.415	-2.485	-2.750	21390	TBXA2R	NM_001277265_10_+_1
Adam17	-3.349	-2.606	-3.050	-3.820	-4.147	-2.566	-2.333	-2.811	-1.277	-4.183	11491	ADAM17	NM_001277266_12_+_1
Fancl	-4.740	-4.666	-4.742	-3.485	-2.301	-3.617	-4.762	-3.253	-1.944	-4.888	67030	FANCL	NM_001277273_11_+_1
Ank1	-4.780	-0.845	-2.189	-1.180	-4.741	-4.851	-4.805	-2.136	-2.358	-1.247	11733	ANK1	NM_001277280_8_+_1
Ank1	-1.997	-3.093	-3.299	0.089	-1.299	1.870	-2.500	-2.033	-4.621	-1.254	11733	ANK1	NM_001277281_8_+_1
Ank1	-3.718	-3.418	-4.466	-0.305	-3.629	-1.195	-4.213	0.370	-4.713	-3.527	11733	ANK1	NM_001277284_8_+_1
Ank1	-4.868	-4.079	-4.907	-4.796	-4.928	-4.971	-4.876	-3.993	-4.799	-4.693	11733	ANK1	NM_001277286_8_+_1
Ank1	-4.981	-4.191	-4.968	-4.818	-4.942	-4.977	-4.889	-4.837	-4.826	-4.597	11733	ANK1	NM_001277289_8_+_1
Adck1	1.910	2.204	2.293	1.973	2.167	1.853	0.925	1.123	2.009	1.846	72113	ADCK1	NM_001277296_12_+_1
Adck1	3.662	3.951	3.175	2.351	2.882	1.500	3.136	1.445	2.555	2.446	72113	ADCK1	NM_001277297_12_+_1
Record_removed	-4.981	-4.981	-4.981	-4.981	-4.976	-4.580	-3.474	-4.974	-1.219	-3.088	Record_remove	NA	NM_001277305_11_+_1
Mea1	0.476	2.286	-1.504	0.572	-0.789	-0.113	-1.114	0.665	-1.270	0.176	17256	MEA1	NM_001277309_17_+_1
Mea1	5.951	5.862	5.491	5.329	5.334	4.919	5.416	5.014	4.710	4.231	17256	MEA1	NM_001277310_17_+_1
Mea1	0.028	0.448	-0.380	-1.341	-1.981	-1.896	-0.942	-2.266	-1.029	-0.859	17256	MEA1	NM_001277311_17_+_1
Mea1	-0.590	-0.424	0.197	-2.264	-4.535	-4.806	-0.676	-4.677	-3.988	-4.352	17256	MEA1	NM_001277312_17_+_1
Fam134b	-2.034	-4.590	-0.109	0.400	1.191	0.971	0.142	0.123	0.214	-1.438	66270	FAM134B	NM_001277315_15_+_1
Fam134b	-2.007	-1.728	-1.955	-0.418	-0.236	-0.245	-1.366	-3.156	-0.895	-2.613	66270	FAM134B	NM_001277316_15_+_1
Fam134b	-0.273	-0.255	0.058	-0.763	-0.610	0.165	1.647	-0.884	-1.486	-0.571	66270	FAM134B	NM_001277317_15_+_1
Fam134b	2.380	2.277	2.868	2.107	1.082	2.154	3.030	2.607	1.296	2.084	66270	FAM134B	NM_001277318_15_+_1
Ilf3	0.852	0.684	-0.948	-2.319	-1.108	-0.442	-0.908	-1.062	-4.415	-1.623	16201	ILF3	NM_001277321_9_+_1
Ilf3	2.923	1.137	2.249	1.544	2.551	1.426	2.595	2.027	2.094	0.892	16201	ILF3	NM_001277322_9_+_1
Sox6	-4.981	-3.345	-4.769	1.288	-4.659	0.768	-4.772	0.805	-4.981	-1.937	20679	SOX6	NM_001277326_7_+_1
Sox6	-4.981	-3.538	-4.832	-4.725	-4.782	-4.793	-4.842	-4.895	-4.714	-4.799	20679	SOX6	NM_001277327_7_+_1
Sox6	-4.981	-1.496	-4.032	-2.946	-2.694	-2.865	-3.629	-2.552	-4.981	-2.876	20679	SOX6	NM_001277328_7_+_1
Pex5	-1.159	-0.008	0.392	0.553	-1.280	-1.525	-0.577	-1.475	0.185	-0.230	19305	PEX5	NM_001277330_6_+_1
Tdrd5	-4.981	-4.981	-4.981	-4.981	-4.864	-2.631	-4.954	-4.968	-4.981	-4.981	214575	TDRD5	NM_001277861_19_+_1
Cav2	-0.918	-0.865	-4.365	-3.548	-4.540	-3.201	-3.462	-2.940	-2.528	-1.491	12390	CAV2	NM_001277756_6_+_1
Pex5	2.100	1.588	0.922	1.487	0.031	1.313	0.011	1.721	2.551	3.025	19305	PEX5	NM_001277805_6_+_1
Tmem216	3.865	3.820	1.789	1.532	1.574	2.102	1.440	1.983	1.104	0.772	68642	TMEM216	NM_001277860_19_+_1
Tmem216	3.275	3.116	1.337	0.964	2.053	1.717	0.282	0.551	0.615	-1.426	68642	TMEM216	NM_001277861_19_+_1
Dazl	-3.740	-3.315	-3.581	-4.486	-4.233	-3.388	-3.357	-4.948	-3.842	-4.981	13164	DAZ2	NM_001277863_17_+_1
Mphosph9	0.904	-1.268	0.546	1.284	-1.061	-0.139	0.901	0.775	-0.259	-3.993	269702	MPHOSPH9	NM_001277867_5_+_1
Tpm2	0.884	2.216	1.304	0.610	0.882	1.934	-1.070	-2.124	-4.863	-4.981	22004	NA	NM_001277875_4_+_1
Tpm2	1.578	2.194	3.290	2.086	2.921	2.699	0.972	-0.676	-0.880	-2.145	22004	NA	NM_001277876_4_+_1
Prkaca	-0.631	-1.384	-3.846	-1.337	0.083	-3.330	-1.850	-4.410	-4.261	-4.326	18747	PRKACA	NM_001277898_8_+_1
Tnnt1	-4.680	-3.811	-4.809	-4.683	-4.808	-4.908	-4.280	-4.758	-4.077	-4.434	21955	TNNT1	NM_001277903_7_+_1
Tnnt1	-3.986	-1.822	-3.411	-2.738	-3.396	-3.612	-1.596	-1.467	0.132	-0.475	21955	TNNT1	NM_001277904_7_+_1
Ecel1	-4.981	-4.981	-4.963	-4.784	-3.240	-3.557	-4.945	-4.920	-4.981	-4.981	13599	ECEL1	NM_001277925_1_+_1
Casp8	1.904	3.613	0.086	0.892	0.839	2.081	0.153	2.595	2.210	2.831	12370	CASP8	NM_001277926_1_+_1
Lamb3	-2.632	-1.846	-1.694	-3.790	-1.969	-3.104	-1.859	-3.973	-4.981	-2.782	16780	LAMB3	NM_001277928_1_+_1
Casp9	-0.921	-2.044	-2.957	-4.193	-2.688	-4.033	-1.634	-4.330	-4.034	-4.365	12371	CASP9	NM_001277932_4_+_1
Rad51d	-4.002	-3.797	-4.207	-4.657	-4.499	-4.928	-4.225	-2.870	-4.267	-4.209	19364	RAD51D	NM_001277938_11_+_1
Rad51d	2.188	2.542	2.835	2.824	2.350	2.420	1.703	2.066	1.679	1.570	19364	RAD51D	NM_001277939_11_+_1
Rad51d	-0.429	-0.746	-2.130	-1.038	-1.276	-1.321	-1.618	-1.569	-1.571	-4.762	19364	RAD51D	NM_001277941_11_+_1
Rad51d	-4.380	-1.373	-3.259	-4.875	-4.846	-4.957	-4.570	-4.903	-4.603	-1.382	19364	RAD51D	NM_001277942_11_+_1
Apoc2	-1.799	-4.981	-3.012	-2.810	-1.164	-4.362	6.405	3.261	7.836	4.392	11813	APOC2	NM_001277944_7_+_1
Sh3gl3	-4.981	-4.981	-1.898	-0.946	-4.891	-4.976	-4.858	-3.660	-4.981	-4.981	20408	SH3GL3	NM_001277954_7_+_1
Sh3gl3	-4.981	-4.981	-4.633	-4.756	-4.980	-4.745	-2.528	-3.898	-4.981	-4.981	20408	SH3GL3	NM_001277955_7_+_1
Taf1a	2.006	2.747	1.475	1.095	1.823	1.743	1.361	1.356	1.811	-0.879	21339	TAF1A	NM_001277957_1_+_1
Taf1a	-1.337	-4.275	-4.897	-4.902	-3.363	-4.167	-4.908	-4.955	-4.602	-4.802	21339	TAF1A	NM_001277958_1_+_1
Taf1a	0.808	1.275	1.839	1.831	1.805	1.437	0.796	1.383	0.965	1.219	21339	TAF1A	NM_001277959_1_+_1
Ly9	0.591	2.054	-0.710	0.454	0.565	2.537	-2.942	0.819	0.250	0.690	17085	LY9	NM_001277968_1_+_1
Itga6	-0.908	-1.723	-0.542	0.039	-2.374	-0.370	-2.297	-2.523	-4.313	-2.814	16403	ITGA6	NM_001277970_2_+_1
Snap91	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	20616	SNAP91	NM_001277982_9_+_1
Snap91	-4.981	-4.981	-4.981	-4.981	-4.928	-4.626	-4.981	-4.981	-4.981	-4.981	20616	SNAP91	NM_001277983_9_+_1
Snap91	-4.981	-4.981	-4.264	-2.150	-4.192	-1.443	-4.253	-4.698	-4.981	-3.210	20616	SNAP91	NM_001277985_9_+_1
Snap91	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	20616	SNAP91	NM_001277986_9_+_1
Meis3	-0.303	0.783	-1.021	-0.053	0.568	1.092	-1.520	-0.069	-0.960	-1.466	17537	MEI3	NM_001277988_7_+_1
Meis3	0.589	-1.270	-3.377	-1.465	-0.885	-1.081	-2.725	-2.334	-1.310	-1.745	17537	MEI3	NM_001277989_7_+_1
Stk16	3.196	3.027	3.379	2.683	2.889	2.714	3.204	3.107	3.616	3.519	20872	STK16	NM_001277992_1_+_1
Farsb	0.682	1.887	1.807	2.802	1.941	1.990	1.891	3.268	1.036	2.345	23874	FARSB	NM_001278075_1_+_1
Ube2t	1.465	1.512	2.046	2.290	1.936	2.271	0.997	1.870	-1.506	-1.045	67196	UBE2T	NM_001278115_1_+_1
Hbb-b1	6.622	9.403	7.531	10.428	8.017	11.470	7.754	10.969	6.516	9.037	15129	NA	NM_001278161_7_+_1
Pih1d1	5.189	5.064	4.635	4.837	4.531	4.538	4.760	4.582	4.122	4.153	68845	PIH1D1	NM_001278207_7_+_1
Disp1	-1.696	-0.846	-1.051	-2.265	0.120	-0.693	-1.819	-0.676	-0.010	-4.639	68897	DISP1	NM_001278218_1_+_1
Disp1	0.318	0.386	-0.965	-0.708	0.008	-0.575	-0.168	-0.604	-0.741	-0.819	68897	DISP1	NM_001278219_1_+_1
Disp1	-4.708	-4.866	-4.824	-4.916	-4.914	-4.095	-4.921	-4.981	-1.740	-4.769	68897	DISP1	NM_001278220_1_+_1
Dmc1	-4.843	-4.981	-2.945	-4.972	-2.358	-4.901	-3.192	-4.768	-2.213	-4.981	13404	DMC1	NM_001278226_15_+_1
Prnp	4.328	3.985	5.226	5.066	5.755	5.383	4.439	4.634	3.966	4.681	19122	PRNP	NM_001278256_2_+_1
Prnd	-4.422	-4.981	-4.974	-4.852	-4.851	-4.184	-4.463	-4.933	-4.981	-4.981	26434	PRND	NM_001278257_2_+_1
Prn	-4.981	-4.981	-4.929	-4.912	-4.971	-4.973	-4.930	-4.978	-4.981	-4.981	111368	PRND	NM_001278258_2_+_1
Prn	-4.857	-4.981	-4.976	-4.964	-4.971	-4.977	-4.854	-4.965	-4.981	-4.981	111368	PRND	NM_001278259_2_+_1

Lin7a	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.979	-4.981	-4.812	-4.981	108030	LIN7A	NM_001284329_10_+_1
Shisa5	5.641	4.879	5.528	5.186	6.243	6.036	7.167	7.256	7.863	7.578	66940	SHISA5	NM_001284332_9_+_1
Gas2l3	1.065	0.786	-1.570	-1.087	-0.352	-0.548	-1.010	-1.915	-4.803	-3.627	237436	GAS2L3	NM_001284344_10_-_1
Atp8a1	1.125	0.977	-0.702	0.966	-0.900	0.569	1.433	-0.047	-0.169	-0.054	11980	ATP8A1	NM_001284345_5_-_1
Dph3	-1.141	-1.910	-2.626	-2.454	-3.660	-2.769	-2.027	-2.420	-2.711	-2.045	105638	DPH3	NM_001284346_14_-_1
Shprh	-0.193	1.045	-0.070	0.478	1.277	1.026	0.236	-0.706	-0.950	-0.368	268281	SHPRH	NM_001284354_10_+_1
Nprl3	-1.091	-0.413	-4.869	-3.495	-4.934	-2.889	-4.934	-2.181	-2.089	-4.914	17168	NPRL3	NM_001284359_11_-_1
Nprl3	2.566	2.740	1.046	0.822	1.923	0.842	1.763	-0.771	1.547	0.263	17168	NPRL3	NM_001284360_11_-_1
Atf2	3.739	4.016	3.676	3.115	3.550	3.492	3.452	3.599	3.689	3.909	11909	ATF2	NM_001284369_2_-_1
Atf2	-4.868	-4.528	-4.863	-4.961	-4.644	-4.895	-4.804	-4.940	-4.673	-4.899	11909	ATF2	NM_001284370_2_-_1
Atf2	-0.024	-0.597	0.620	0.056	1.022	-0.090	0.521	0.923	0.937	0.207	11909	ATF2	NM_001284371_2_-_1
Atf2	-4.628	-4.036	-4.766	-4.892	-4.308	-4.856	-4.668	-4.910	-4.606	-4.826	11909	ATF2	NM_001284372_2_-_1
Atf2	2.940	3.027	2.912	2.735	2.854	2.471	2.938	2.699	2.356	3.459	11909	ATF2	NM_001284373_2_-_1
Atf2	-4.281	-3.952	-2.454	-3.514	-1.971	-4.761	0.510	-2.451	-0.422	-0.630	11909	ATF2	NM_001284374_2_-_1
Atf2	-1.802	-0.625	-4.694	-4.892	-3.641	-1.730	-4.063	-3.101	-1.200	-1.615	11909	ATF2	NM_001284376_2_-_1
Adra1b	-4.239	-3.075	-4.963	-4.674	-4.545	-4.662	-4.968	-4.751	-4.981	-4.981	11548	ADRA1B	NM_001284380_11_-_1
Adra1b	-4.617	-4.089	-4.976	-4.926	-4.929	-4.964	-4.981	-4.981	-4.981	-4.981	11548	ADRA1B	NM_001284381_11_-_1
3830406C13Rik	3.629	4.490	3.107	3.478	3.299	3.265	2.995	2.955	2.571	2.984	218734	C3orf14	NM_001284383_14_+_1
3830406C13Rik	2.592	1.500	1.424	1.075	1.626	1.607	-0.688	0.506	-0.755	0.313	218734	C3orf14	NM_001284384_14_+_1
3830406C13Rik	3.353	3.491	2.104	2.567	1.821	2.557	1.672	1.184	0.895	1.297	218734	C3orf14	NM_001284385_14_+_1
3830406C13Rik	0.030	1.534	-0.747	-0.252	1.238	-0.265	-0.203	0.787	0.046	-0.646	218734	C3orf14	NM_001284386_14_+_1
3830406C13Rik	2.075	2.354	1.428	2.020	0.568	1.643	1.904	1.895	1.267	1.863	218734	C3orf14	NM_001284387_14_+_1
Sept4	4.894	5.342	1.178	0.980	0.013	1.532	-1.191	0.103	-1.633	-4.740	18952	SEPT4	NM_001284392_11_+_1
Gngt2	5.484	4.968	3.394	3.377	6.135	6.130	7.235	6.794	6.686	6.151	14710	GNGT2	NM_001284393_11_+_1
Sept4	-4.981	-4.981	-4.966	-4.695	-4.805	-4.875	-4.948	-4.965	-4.981	-4.981	18952	SEPT4	NM_001284394_11_+_1
Gngt2	3.419	2.183	3.395	3.956	6.348	6.550	8.051	7.933	7.476	7.155	14710	GNGT2	NM_001284397_11_+_1
Sept4	3.419	3.900	0.554	-0.181	-1.904	0.604	-3.144	-1.929	-2.923	-2.833	18952	SEPT4	NM_001284398_11_+_1
Ddhd1	-2.347	-1.858	0.025	1.301	2.334	2.849	1.662	0.164	-0.401	2.039	114874	DDHD1	NM_001284399_14_-_1
P2rx7	-3.885	-0.454	-3.776	-4.177	-4.513	-1.431	-1.483	0.709	-2.597	-1.854	18439	P2RX7	NM_001284402_5_+_1
Casp3	3.719	3.398	5.650	5.556	4.822	4.418	4.852	4.752	5.154	5.296	12367	CASP3	NM_001284409_8_+_1
Bcl2l11	0.782	1.017	-0.836	-0.814	1.032	0.031	0.318	0.639	1.519	1.918	12125	BCL2L11	NM_001284410_2_+_1
Vps25	2.367	3.040	1.995	1.093	1.392	1.695	1.058	1.080	0.617	0.460	28084	VPS25	NM_001284411_11_+_1
Vps25	1.503	1.848	1.203	1.331	0.767	1.007	-0.029	0.386	0.812	1.108	28084	VPS25	NM_001284412_11_+_1
Vps25	1.090	0.624	0.443	-0.197	-0.184	-0.948	-0.194	-1.034	-0.693	-0.988	28084	VPS25	NM_001284414_11_+_1
Smtn	-4.739	-4.398	-3.876	-3.911	-3.879	-3.280	-2.934	-3.127	-4.297	-4.776	29856	SMTN	NM_001284427_11_-_1
Smtn	-4.628	-3.841	-4.707	-4.767	-4.692	-4.935	-4.809	-3.141	-4.549	-4.418	29856	SMTN	NM_001284428_11_-_1
Smtn	-4.373	-1.553	-4.685	-4.601	-4.463	-4.779	-3.807	-4.768	-3.845	-4.483	29856	SMTN	NM_001284429_11_-_1
Cask	-3.188	-2.877	-1.862	-4.333	-3.111	-4.619	-0.909	-4.409	-4.196	-4.390	12361	CASK	NM_001284503_X_-_1
Cask	1.754	1.290	2.437	1.485	2.776	2.199	2.374	2.646	3.260	3.035	12361	CASK	NM_001284504_X_-_1
Cask	-2.408	0.250	2.302	1.749	2.979	1.932	3.398	2.653	4.638	4.835	12361	CASK	NM_001284505_X_-_1
Plxn2	3.643	4.735	2.361	1.143	3.549	3.881	5.145	4.532	6.374	6.063	140570	PLXNB2	NM_001284506_15_-_1
Cmah	2.305	3.598	-4.375	-0.069	-4.662	-1.439	-3.623	0.490	-4.420	-0.992	12763	NA	NM_001284519_13_+_1
Cmah	5.739	6.268	-0.220	3.274	0.138	3.783	-0.320	3.967	1.718	1.788	12763	NA	NM_001284520_13_+_1
Larp4	-3.543	-3.418	-4.178	-4.604	-3.037	-4.917	-4.069	-4.859	-0.693	-1.478	207214	LARP4	NM_001284521_15_+_1
Larp4	-3.460	-3.386	-3.058	-4.386	-3.492	-3.624	-2.331	-4.800	-3.593	-0.882	207214	LARP4	NM_001284522_15_+_1
Larp4	4.682	4.079	4.962	4.823	4.751	5.092	4.667	4.770	4.611	5.025	207214	LARP4	NM_001284523_15_+_1
Chit1	-4.981	-4.981	-4.981	-4.981	-4.968	-4.968	-4.923	-4.886	-3.677	-4.981	71884	CHIT1	NM_001284524_1_+_1
Chit1	-4.981	-3.841	-4.981	-4.981	-4.843	-4.901	-4.954	-4.768	-3.075	-4.640	71884	CHIT1	NM_001284525_1_+_1
Calu	2.214	2.886	-0.760	-0.266	0.039	1.858	0.861	1.607	-0.406	0.736	12321	CALU	NM_001285412_6_+_1
Smagp	-4.301	-4.269	-3.161	-1.720	-2.327	-2.826	-3.860	-3.813	-4.949	-4.860	207818	SMAGP	NM_001285413_15_-_1
Smagp	-1.961	-1.362	-0.634	-3.156	-4.530	-4.824	-2.726	-4.611	-4.770	-2.407	207818	SMAGP	NM_001285414_15_-_1
Esd	3.398	3.201	2.251	2.589	1.746	2.333	1.798	1.895	2.981	2.705	13885	ESD	NM_001285423_14_+_1
Cacnb4	-0.646	-0.699	-2.046	-2.697	-3.167	-3.164	-2.638	-3.470	-3.640	-3.745	12298	CACNB4	NM_001285426_2_-_1
Cacnb4	-3.455	-3.494	-4.262	-4.650	0.830	2.221	-0.292	-1.993	-4.437	-4.395	12298	CACNB4	NM_001285427_2_-_1
Cacnb4	1.821	1.619	0.518	0.097	-1.669	-2.840	-0.418	-0.566	-2.564	-1.775	12298	CACNB4	NM_001285428_2_-_1
Eef1d	-0.942	-0.803	-1.298	0.168	-0.600	-4.509	-0.157	-0.460	-0.144	-0.401	66656	EEF1D	NM_001285429_15_-_1
Eef1d	3.882	3.125	2.349	2.627	1.675	1.829	1.161	1.887	0.457	1.831	66656	EEF1D	NM_001285430_15_-_1
Eef1d	-3.464	0.783	-1.438	-1.166	-4.596	-0.215	-2.385	-1.862	-2.601	-3.774	66656	EEF1D	NM_001285431_15_-_1
Eef1d	6.194	6.160	5.730	5.882	5.402	5.516	5.440	5.639	4.701	4.682	66656	EEF1D	NM_001285432_15_-_1
Eef1d	2.619	1.592	1.934	1.600	1.100	1.723	1.151	-0.088	0.314	0.860	66656	EEF1D	NM_001285433_15_-_1
Eef1d	0.175	1.268	-0.219	0.822	0.242	0.039	0.529	0.661	0.527	-0.669	66656	EEF1D	NM_001285434_15_-_1
Adamtsl5	-4.981	-2.600	-4.975	-3.145	-4.942	-4.102	-4.590	-3.647	-4.981	-4.981	66548	ADAMTSL5	NM_001285435_10_-_1
Rangrf	-4.981	-4.981	-4.981	-4.981	-4.951	-4.951	-4.981	-4.981	-4.950	-4.956	57785	RANGRF	NM_001285441_11_-_1
Rangrf	-2.162	-4.981	-3.438	-2.696	-4.422	-3.454	-4.118	-3.170	-4.835	-4.975	57785	RANGRF	NM_001285442_11_-_1
Rangrf	-4.981	-4.981	-3.815	-4.935	-4.972	-4.979	-4.899	-4.973	-4.811	-4.955	57785	RANGRF	NM_001285443_11_-_1
Cbfa2t2	1.170	-2.574	-3.194	-2.817	-3.529	-4.114	-2.640	-4.645	-1.118	-2.572	12396	CBFA2T2	NM_001285446_2_+_1
Tmem33	3.721	4.169	3.587	3.507	2.828	3.359	3.294	3.929	2.897	3.820	67878	TMEM33	NM_001285452_5_+_1
Bad	5.485	5.578	4.634	4.661	3.969	4.183	4.372	4.642	4.728	4.755	12015	BAD	NM_001285453_19_+_1
Gfra1	-3.668	-4.981	-4.608	-4.314	-4.957	-4.957	-4.947	-4.798	-4.981	-4.981	14585	GFRA1	NM_001285457_19_-_1
Fmn1	-4.981	-4.981	-4.981	-4.981	-4.948	-3.655	-4.959	-4.944	-4.981	-4.981	14260	FMN1	NM_001285458_2_+_1
Fmn1	-2.073	-4.981	3.637	3.703	3.271	4.270	2.624	4.096	2.386	4.694	14260	FMN1	NM_001285459_2_+_1
Carf	-4.541	-1.858	-2.083	-0.896	-0.362	0.605	-2.659	-2.490	-1.858	-0.094	241066	CARF	NM_001285463_1_+_1
Dennd6a	-4.457	-4.088	-4.749	-4.895	-4.848	-3.013	-3.571	-4.886	-2.052	-4.737	211922	DENND6A	NM_001285466_14_+_1
Dennd6a	-4.396	-1.429	-4.698	-4.873	-3.472	-4.905	-4.658	-4.951	-4.608	-4.692	211922	DENND6A	NM_001285467_14_+_1

Carf	0.859	-4.108	-0.779	-0.759	-2.099	-0.747	0.475	0.155	0.845	1.002	241066	CARF	NM_001285473_1_+_1
Hp1bp3	2.244	1.986	1.711	2.388	2.069	2.271	1.038	1.032	2.194	2.212	15441	HP1BP3	NM_001285478_4_+_1
Hp1bp3	2.792	2.830	2.034	2.633	2.263	1.868	1.634	2.311	2.296	1.298	15441	HP1BP3	NM_001285479_4_+_1
Hp1bp3	0.943	-1.528	-2.815	-4.827	-4.580	-1.831	-1.019	-1.404	-0.002	-0.336	15441	HP1BP3	NM_001285480_4_+_1
Hp1bp3	3.112	2.838	2.562	3.300	2.758	2.549	2.383	2.136	1.961	2.204	15441	HP1BP3	NM_001285481_4_+_1
Mknk1	2.547	2.209	1.539	2.789	0.871	1.912	1.143	1.605	3.176	3.256	17346	MKNK1	NM_001285487_4_+_1
Mknk1	-3.164	-0.350	-0.512	-0.283	-3.950	-2.414	-1.697	-1.693	0.310	0.894	17346	MKNK1	NM_001285488_4_+_1
Nap114	6.045	6.193	6.600	6.562	6.962	6.946	6.548	6.458	6.301	6.057	17955	NAP114	NM_001285489_7_-_1
Nap114	0.564	-0.113	1.018	1.255	1.154	1.466	1.292	-2.598	1.717	-0.731	17955	NAP114	NM_001285490_7_-_1
Gnb1l	-1.770	-3.543	-4.438	-0.713	-0.787	-0.454	-2.583	-2.164	-1.182	-4.887	13972	GNB1L	NM_001285491_16_+_1
Gnb1l	-4.888	-2.245	-2.835	-4.722	-4.822	-2.002	-4.757	-3.410	-2.547	-4.981	13972	GNB1L	NM_001285493_16_+_1
Gnb1l	-4.753	-1.983	-3.615	-4.849	-4.897	-4.964	-3.191	-4.816	-4.725	-4.925	13972	GNB1L	NM_001285494_16_+_1
Mpl	-4.607	-4.981	-4.259	-4.790	-4.972	-4.964	-1.659	-3.354	-2.523	-1.310	17480	MPL	NM_001285496_4_-_1
Mpl	-2.091	-3.408	-3.429	-3.461	-3.692	-3.506	-3.124	-3.492	-4.845	-3.032	17480	MPL	NM_001285497_4_-_1
Tead2	-4.367	-4.074	-4.450	-4.836	-4.872	-4.961	-4.688	-4.910	-4.554	-4.832	21677	TEAD2	NM_001285498_7_+_1
Tead2	-0.426	-0.367	-1.329	-1.467	-1.785	-1.596	-0.980	-2.525	-0.544	-1.990	21677	TEAD2	NM_001285500_7_+_1
Nde1	2.607	2.016	3.100	3.025	3.138	3.334	2.851	2.645	2.881	3.015	67203	NDE1	NM_001285503_16_+_1
Nde1	0.928	0.273	-0.286	-3.895	-0.970	-1.341	-2.203	-0.988	0.629	-0.237	67203	NDE1	NM_001285504_16_+_1
Rps6ka1	-1.872	1.199	-1.882	-0.125	-1.190	0.099	-0.700	-1.364	0.060	-3.985	20111	RPS6KA1	NM_001285505_4_-_1
Rps6ka1	7.724	7.960	6.965	6.778	7.810	7.569	7.660	7.591	8.695	8.446	20111	RPS6KA1	NM_001285506_4_-_1
Cops2	4.836	4.797	4.662	4.398	4.060	3.498	4.130	4.373	3.812	4.238	12848	NA	NM_001285507_2_-_1
Cnot6l	3.834	4.484	3.575	-0.062	3.631	3.888	3.676	2.837	3.242	3.102	231464	CNOT6L	NM_001285511_5_-_1
Cops2	-4.320	-0.119	-0.888	-0.923	-0.208	-0.996	-1.540	-0.440	-4.129	0.681	12848	NA	NM_001285512_2_-_1
Cops2	-1.816	-1.843	-2.048	-0.333	-0.540	-3.286	-2.596	-1.401	-1.128	-2.388	12848	NA	NM_001285513_2_-_1
Cnot6l	1.773	2.667	0.573	-0.262	1.215	1.637	1.384	2.087	1.788	2.003	231464	CNOT6L	NM_001285514_5_-_1
Nr1h2	4.096	4.395	5.398	5.283	5.033	5.091	4.794	4.529	5.159	5.056	22260	NR1H2	NM_001285517_7_-_1
Nr1h2	3.000	3.997	3.926	4.297	3.222	3.694	3.671	4.196	4.663	4.527	22260	NR1H2	NM_001285518_7_-_1
Nr1h2	4.031	3.575	4.304	4.085	3.929	3.866	3.703	3.572	4.584	4.285	22260	NR1H2	NM_001285519_7_-_1
St3gal3	-1.577	1.683	-0.277	0.699	0.536	0.485	-0.877	-0.323	1.136	1.442	20441	ST3GAL3	NM_001285520_4_-_1
St3gal3	-0.098	-1.020	0.173	0.001	-2.643	-1.627	-0.224	-1.869	-4.313	-1.731	20441	ST3GAL3	NM_001285521_4_-_1
Tle1	0.376	-0.136	0.665	-0.423	-0.277	-1.175	1.330	-2.767	1.337	0.999	21885	TLE1	NM_001285529_4_-_1
Tle1	-0.029	-3.876	0.034	-1.657	-0.621	-0.578	-0.131	-0.147	0.697	1.187	21885	TLE1	NM_001285530_4_-_1
Tle1	4.055	3.902	3.618	3.264	2.940	2.891	3.885	3.961	3.861	4.149	21885	TLE1	NM_001285531_4_-_1
Tle1	1.237	1.813	0.797	0.336	-0.202	-1.439	0.351	-0.222	1.551	1.396	21885	TLE1	NM_001285532_4_-_1
Serpinh1	-3.690	1.536	-3.964	-4.948	-4.969	-4.950	-4.856	-4.914	-4.874	-4.981	12406	SERPINH1	NM_001285776_7_-_1
Gls2	-4.981	-1.869	-2.895	-3.745	-3.571	-3.151	-3.326	-3.860	-1.788	-4.981	216456	GLS2	NM_001285777_10_+_1
Gls2	-4.981	-4.340	-4.735	-4.619	-4.865	-4.948	-4.506	-3.685	-4.715	-4.981	216456	GLS2	NM_001285779_10_+_1
Thoc7	1.324	2.566	2.660	2.282	1.985	2.790	1.585	1.733	0.259	1.476	66231	THOC7	NM_001285780_14_-_1
Pars2	-1.651	-1.969	-0.770	-2.207	-2.499	-2.126	-2.284	-2.759	-2.095	-1.923	230577	PARS2	NM_001285783_4_+_1
Pars2	-1.428	0.969	0.003	0.615	-1.198	0.731	-2.510	-3.131	-1.013	-1.091	230577	PARS2	NM_001285784_4_+_1
Arhgap9	0.403	0.381	3.685	4.438	6.950	7.093	4.795	4.443	0.330	0.866	216445	ARHGAP9	NM_001285785_10_+_1
Ildr1	-4.981	-4.981	3.262	2.814	-2.698	-1.736	-1.993	-4.206	-2.079	-4.758	106347	ILDR1	NM_001285788_16_+_1
Ildr1	-4.981	-4.981	0.542	-0.238	-0.745	-0.382	-1.684	-2.809	-2.053	-2.828	106347	ILDR1	NM_001285791_16_+_1
Wnt11	-4.981	-4.981	-2.700	-4.929	-1.636	-0.688	0.534	-3.528	-1.897	-2.160	22411	WNT11	NM_001285792_7_+_1
B4galt4	-3.893	2.229	2.947	3.008	1.277	-0.059	2.070	1.216	1.709	0.590	56375	B4GALT4	NM_001285793_16_+_1
Wnt11	-4.981	-4.981	-2.461	-2.701	0.642	-1.461	-0.344	-1.795	-4.858	-3.080	22411	WNT11	NM_001285794_7_+_1
Wnt11	-4.981	-4.981	-1.561	-2.655	-1.595	-1.912	-0.342	-3.055	-3.284	-3.855	22411	WNT11	NM_001285795_7_+_1
Zfp27	0.342	-1.490	-1.608	-0.147	-0.224	-3.414	-1.028	-3.970	-1.532	-4.784	22689	ZNF585A	NM_001285797_7_-_1
Zfp27	-1.316	-2.133	-2.883	-1.431	-1.907	-0.902	-1.334	-0.532	-1.641	-4.796	22689	ZNF585A	NM_001285798_7_-_1
Polr1e	-4.793	-0.795	-4.809	-3.321	-4.940	-3.673	-4.845	-4.963	-4.820	-4.963	64424	POLR1E	NM_001285800_4_+_1
Chchd7	0.144	-1.019	-1.519	-0.757	-2.124	-1.872	-0.604	-1.722	-0.374	-2.572	66433	CHCHD7	NM_001285804_4_+_1
Zbtb20	3.325	2.991	2.644	2.812	3.424	2.629	2.635	2.362	2.357	2.815	56490	ZBTB20	NM_001285805_16_+_1
Grk3	3.809	-3.684	5.219	2.860	6.680	4.875	6.571	4.177	5.252	3.044	320129	GRK3	NM_001285806_5_-_1
Tmem53	-4.893	-4.729	-4.980	-4.980	-4.981	-4.980	-4.960	-4.979	-3.328	-4.933	68777	TMEM53	NM_001285812_4_+_1
Tmem53	-4.981	-4.846	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.965	-4.968	68777	TMEM53	NM_001285814_4_+_1
Tmem53	-4.981	-4.862	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.968	-4.971	68777	TMEM53	NM_001285815_4_+_1
Tmem53	-2.812	-2.564	-4.981	-4.978	-4.959	-4.328	-4.193	-4.927	-4.960	-3.583	68777	TMEM53	NM_001285816_4_+_1
Snrpa	4.138	3.977	4.650	4.438	4.342	3.835	3.763	3.750	3.474	3.430	53607	NA	NM_001285825_7_-_1
Ppil3	1.213	1.995	1.188	0.386	1.413	1.350	0.325	-0.008	0.598	0.625	70225	PPIL3	NM_001285826_1_-_1
Ppil3	4.538	5.039	4.296	4.316	4.363	4.264	4.170	3.930	3.254	3.526	70225	PPIL3	NM_001285827_1_-_1
Far1	-0.731	-3.916	1.656	0.891	-1.541	-0.237	0.346	-0.707	1.133	0.990	67420	FAR1	NM_001285831_7_+_1
Osgepl1	3.966	3.980	3.355	3.227	3.300	3.412	3.441	3.425	2.506	2.696	72085	OSGEPL1	NM_001285839_1_+_1
Paqr7	-4.288	-3.920	-4.401	-4.836	-1.246	-4.022	-3.561	-4.877	-0.667	-4.781	71904	PAQR7	NM_001285845_4_+_1
Paqr7	-3.994	-3.551	-4.222	-4.737	-4.864	-4.941	-4.490	-4.291	-4.105	-0.999	71904	PAQR7	NM_001285846_4_+_1
Paqr7	-3.721	0.013	-1.624	-0.159	-1.924	-0.338	-2.190	-0.497	1.740	1.039	71904	PAQR7	NM_001285847_4_+_1
Paqr7	-2.468	0.251	-1.343	-2.476	-4.629	-1.693	-1.986	-3.352	1.058	-0.786	71904	PAQR7	NM_001285849_4_+_1
Sgip1	-4.936	-4.708	-4.918	-4.968	-4.936	-4.980	-4.864	-4.968	-4.981	-4.975	73094	SGIP1	NM_001285852_4_+_1
Matk	3.179	2.907	4.183	4.047	3.894	4.687	4.433	4.455	3.438	3.020	17179	MATK	NM_001285853_10_+_1
Matk	5.119	5.245	6.015	5.969	6.511	6.915	6.552	6.512	5.017	5.392	17179	MATK	NM_001285854_10_+_1
Matk	-4.312	-4.100	-4.499	-4.773	-4.804	-4.939	-3.188	-4.923	-4.582	-1.909	17179	MATK	NM_001285855_10_+_1
Sgip1	-4.551	-3.744	-3.402	-4.785	-3.361	-4.879	-4.410	-4.781	-4.981	-4.831	73094	SGIP1	NM_001285859_4_+_1
Sgip1	-4.358	-3.321	-4.259	-4.603	-3.936	-4.780	-4.192	-4.599	-4.981	-4.750	73094	SGIP1	NM_001285860_4_+_1
Sgip1	-2.465	-1.411	-2.021	-2.513	-1.440	-1.613	-1.607	-1.428	-4.981	-4.456	73094	SGIP1	NM_001285862_4_+_1
Pphln1	0.105	-3.500	-0.793	0.162	-0.221	-2.139	-0.561	-1.371	-1.474	-1.323	223828	PPHLN1	NM_001285863_15_+_1

Pphl1	-3.376	-1.723	0.346	-2.216	-2.174	-0.466	-2.727	-4.753	0.619	-3.732	223828	PPHL1	NM_001285864_15_+1
C77080	-3.821	-3.676	-4.449	-4.900	-4.624	-4.894	-4.535	-4.858	-4.150	-4.617	97130	KIAA1522	NM_001285865_4_-1
C77080	-3.638	-3.458	-4.304	-4.872	-4.526	-4.861	-4.435	-4.811	-4.040	-4.538	97130	KIAA1522	NM_001285866_4_-1
C77080	-2.071	-1.472	-2.286	-3.657	-1.279	-1.977	-2.569	-2.388	-1.800	-2.882	97130	KIAA1522	NM_001285867_4_-1
Trim3	4.359	4.059	3.314	3.451	1.712	2.043	3.256	3.641	4.610	5.078	55992	TRIM3	NM_001285870_7_-1
Trim3	-1.111	-0.431	-2.194	-4.876	-2.585	-4.888	-2.535	-3.368	-0.255	-1.149	55992	TRIM3	NM_001285871_7_-1
Pafah2	-3.159	-3.262	-4.588	-4.804	-4.516	-4.814	-4.302	-4.355	-3.440	-3.999	100163	PAFAH2	NM_001285872_4_+1
Trim3	-1.194	-1.887	-1.603	-2.562	-4.430	-3.675	-4.927	-2.669	-4.981	-1.039	55992	TRIM3	NM_001285873_7_-1
Pafah2	0.163	-0.988	-2.643	-1.822	-1.629	-1.150	-2.213	-0.838	0.569	0.052	100163	PAFAH2	NM_001285874_4_+1
Pafah2	-3.722	-4.110	-2.889	-4.902	-3.605	-4.348	-4.456	-3.856	-4.608	-1.985	100163	PAFAH2	NM_001285875_4_+1
Pafah2	-1.343	-1.335	-1.663	-2.296	-2.169	-4.934	-0.472	-4.864	0.113	-1.424	100163	PAFAH2	NM_001285877_4_+1
D630023F18Rik	-4.981	-4.981	-4.056	-4.973	-4.714	-3.894	-4.863	-4.671	-2.045	-2.946	98303	C2orf80	NM_001285881_1_-1
D630023F18Rik	-4.981	-4.981	-2.706	-3.956	-2.728	-4.299	-0.800	-3.803	-1.140	-2.404	98303	C2orf80	NM_001285882_1_-1
Med15	-3.843	-0.769	-0.210	-1.705	-1.588	-2.411	-1.228	-2.334	1.266	-0.499	94112	NA	NM_001285884_16_-1
Zmym6	3.259	3.430	2.110	2.079	2.761	2.660	2.863	2.782	3.447	3.850	100177	ZMYM6	NM_001285885_4_+1
Med15	0.323	-3.786	0.799	1.387	0.884	1.084	1.960	1.461	2.683	2.220	94112	NA	NM_001285886_16_-1
Zmym6	2.931	1.606	1.369	-0.678	-0.165	-0.498	1.456	-0.913	-1.056	-0.725	100177	ZMYM6	NM_001285887_4_+1
Zmym6	-2.805	-3.394	-2.757	-4.366	-3.381	-3.281	-2.290	-4.758	-2.005	-4.122	100177	ZMYM6	NM_001285888_4_+1
Pde1b	0.921	0.511	5.224	5.954	1.377	1.733	1.415	1.471	-3.605	-4.365	18574	PDE1B	NM_001285890_15_+1
Sae1	-1.516	-2.705	-2.095	-1.596	-3.074	-2.832	-2.756	-3.567	-1.506	-2.672	56459	SAE1	NM_001285891_7_-1
Sae1	-0.333	0.043	-2.814	-2.080	-2.103	-3.214	-1.279	-1.956	-3.706	-0.974	56459	SAE1	NM_001285892_7_-1
Vps8	4.123	4.013	3.405	3.585	3.046	3.324	3.671	4.132	5.022	5.099	209018	VPS8	NM_001285893_16_+1
Vps8	-3.563	-3.966	-3.458	-4.512	-2.435	-2.313	-0.712	-2.700	-1.754	-0.540	209018	VPS8	NM_001285894_16_+1
Calr4	-0.819	0.028	-3.475	-4.982	-4.981	-4.976	-4.398	-4.980	-4.514	-3.921	108802	NA	NM_001285895_4_+1
Calr4	-2.252	-1.442	-4.336	-4.989	-4.981	-4.980	-4.809	-4.979	-4.644	-4.501	108802	NA	NM_001285896_4_+1
Calr4	-4.730	-4.501	-4.962	-4.980	-4.981	-4.981	-4.980	-4.981	-4.974	-4.967	108802	NA	NM_001285897_4_+1
Calr4	-4.745	-4.521	-4.963	-4.980	-4.981	-4.981	-4.981	-4.981	-4.975	-4.969	108802	NA	NM_001285898_4_+1
Eri3	1.315	1.589	-0.014	-0.013	0.112	-0.412	0.181	-0.257	1.133	0.822	140546	ERI3	NM_001285899_4_+1
Eri3	5.515	5.680	4.221	4.209	4.418	4.114	4.198	4.305	4.120	3.958	140546	ERI3	NM_001285901_4_+1
Eri3	4.045	4.139	2.415	1.288	2.873	2.918	2.831	2.007	2.065	0.393	140546	ERI3	NM_001285902_4_+1
Pih1d1	-4.285	-3.831	-2.777	-4.595	-4.750	-4.943	-1.738	-4.866	-4.605	-4.885	68845	PIH1D1	NM_001285904_7_+1
Cd2bp2	1.035	0.537	2.541	1.858	2.633	2.544	2.772	1.894	2.247	2.736	70233	CD2BP2	NM_001285905_7_-1
Cd2bp2	1.582	0.037	1.065	1.728	1.138	1.278	1.830	1.666	1.359	-0.483	70233	CD2BP2	NM_001285906_7_-1
Cd2bp2	-0.965	-0.947	0.786	0.289	0.006	1.431	1.793	0.225	0.981	-0.066	70233	CD2BP2	NM_001285907_7_-1
Gng2	2.699	3.640	2.888	2.393	1.999	1.915	1.839	1.118	2.425	1.832	14702	GNG2	NM_001285908_14_-1
Gng2	-4.431	-4.167	-3.413	-4.903	-4.850	-3.762	-4.610	-4.958	-0.724	-4.639	14702	GNG2	NM_001285909_14_-1
Gng2	-0.767	-1.499	0.115	-0.645	-1.451	-1.803	-0.740	-0.640	0.248	0.558	14702	GNG2	NM_001285910_14_-1
Gng2	0.784	-0.707	1.094	-2.375	0.512	-1.498	-0.068	-4.220	-2.307	-0.802	14702	GNG2	NM_001285911_14_-1
Dapk1	-4.981	0.158	0.041	0.859	-1.587	0.252	-0.648	1.650	0.976	2.928	69635	DAPK1	NM_001285917_13_+1
Mfn2	-2.201	-3.116	-4.089	-4.609	-4.451	-4.898	-0.206	-4.896	-4.155	-4.365	170731	MFN2	NM_001285920_4_-1
Mfn2	-1.356	-2.957	-1.549	-4.570	-4.212	-4.877	-3.326	-4.886	-1.101	-4.280	170731	MFN2	NM_001285921_4_-1
Mfn2	2.027	2.287	1.754	2.198	1.438	0.343	1.635	-0.491	2.652	3.090	170731	MFN2	NM_001285922_4_-1
Mfn2	2.027	1.568	0.933	1.266	1.577	1.215	1.795	1.149	1.781	1.666	170731	MFN2	NM_001285923_4_-1
Dock10	7.199	7.011	7.894	7.487	9.168	8.935	8.472	7.922	7.003	6.198	210293	DOCK10	NM_001285927_1_-1
Dhx34	0.733	0.733	-2.641	-0.796	0.546	1.852	-1.389	1.200	-0.090	1.443	71723	DHX34	NM_001285931_7_-1
Dhx34	-0.251	-3.637	-0.177	-1.675	2.770	1.995	1.713	0.871	1.002	-4.224	71723	DHX34	NM_001285932_7_-1
Kctd9	0.157	-0.047	0.387	0.203	0.145	0.279	0.776	-0.198	1.124	0.638	105440	KCTD9	NM_001285933_14_+1
Zdbf2	-4.981	-4.981	-4.983	-4.644	-4.980	-4.944	-4.981	-4.981	-4.981	-4.981	73884	ZDBF2	NM_001285936_1_+1
Zdbf2	-4.981	-4.981	-4.986	-4.413	-4.979	-4.927	-4.981	-4.981	-4.981	-4.981	73884	ZDBF2	NM_001285937_1_+1
Fez2	-2.047	-1.917	-2.076	-2.227	-2.102	-1.368	-1.295	-2.484	-0.506	-2.428	225020	FEZ2	NM_001285940_17_-1
Eif3k	0.204	-2.043	-1.131	-1.779	-2.759	-2.180	-1.393	-2.949	-4.981	-2.086	73830	EIF3K	NM_001285942_7_-1
Eif3k	-4.981	-1.799	-1.698	-2.580	-4.097	-4.780	-3.908	-2.572	-2.541	-2.774	73830	EIF3K	NM_001285943_7_-1
Zranb3	0.552	0.209	0.012	0.969	-2.224	2.265	0.089	3.054	0.214	1.072	226409	ZRANB3	NM_001285945_1_-1
Fez2	-4.981	-2.465	-4.258	-4.165	-3.724	-4.844	-4.907	-4.903	-2.709	-2.917	225020	FEZ2	NM_001285946_17_-1
Cyp39a1	-4.981	-4.981	-3.435	-3.647	-3.113	-3.287	-3.632	-3.224	-4.925	-4.824	56050	CYP39A1	NM_001285947_17_+1
Cyp39a1	-3.027	-4.981	-3.601	-4.424	-3.587	-2.144	-0.943	-4.771	-0.444	-0.749	56050	CYP39A1	NM_001285948_17_+1
Fez2	-3.587	-4.981	-4.967	-4.967	-4.951	-4.625	-4.657	-4.726	-4.981	-4.981	225020	FEZ2	NM_001285949_17_-1
1700024P16Rik	1.221	1.571	-4.973	-4.922	-4.980	-4.970	-4.978	-4.978	-4.981	-4.897	242594	C1orf168	NM_001285952_4_+1
1700024P16Rik	-3.327	2.721	-4.967	-3.532	-4.979	-3.983	-4.477	-3.571	-4.981	-4.454	242594	C1orf168	NM_001285953_4_+1
Lyrm1	0.775	2.645	2.072	1.475	0.728	0.873	1.396	1.187	1.692	1.385	73919	LYRM1	NM_001285959_7_+1
Lyrm1	2.966	2.215	1.247	0.594	0.815	0.563	0.792	0.104	1.548	1.747	73919	LYRM1	NM_001285960_7_+1
Lyrm1	0.282	1.566	1.002	1.319	-1.168	0.635	-0.022	-0.035	-1.622	1.075	73919	LYRM1	NM_001285961_7_+1
Skp2	-4.180	-3.385	-1.129	-4.515	-1.285	-4.892	-2.007	-3.593	-1.208	-4.586	27401	SKP2	NM_001285980_15_-1
Banp	1.271	2.036	1.508	1.233	2.658	2.996	2.375	2.075	1.849	2.159	53325	BANP	NM_001285981_8_+1
Fam173a	1.201	0.723	0.818	-0.159	0.195	0.348	1.046	-0.062	-0.201	-0.399	214917	FAM173A	NM_001285982_17_-1
Banp	1.652	2.044	1.746	1.577	3.120	2.980	2.950	2.447	1.275	2.200	53325	BANP	NM_001285983_8_+1
Fam173a	1.201	0.723	0.818	-0.159	0.195	0.348	1.046	-0.062	-0.201	-0.399	214917	FAM173A	NM_001285984_17_-1
Cdc27	0.271	1.097	1.124	-0.124	1.489	1.537	-0.281	0.913	1.684	2.541	217232	CDC27	NM_001285988_11_-1
Cdc27	3.446	2.060	2.820	3.511	3.366	3.119	2.905	3.298	2.956	2.846	217232	CDC27	NM_001285989_11_-1
Cdc27	-2.480	0.926	-1.204	-0.521	-0.014	0.080	-0.267	-1.154	0.619	-0.732	217232	CDC27	NM_001285990_11_-1
Tbcl1d5	1.027	0.390	1.596	0.202	1.186	-0.217	-0.504	0.759	0.866	-0.208	72238	TBC1D5	NM_001285991_17_-1
Scoc	0.941	1.383	0.829	0.814	-1.697	-0.150	0.256	0.164	0.320	0.299	56367	SCOC	NM_001285992_8_-1
Tbcl1d5	-4.122	-3.866	-4.237	-3.261	-3.301	-4.966	-4.467	-3.038	-2.685	-3.613	72238	TBC1D5	NM_001285993_17_-1
Enpp2	-3.570	-3.806	-4.289	-4.326	-4.167	-0.816	-4.063	-4.587	-4.223	-4.917	18606	ENPP2	NM_001285994_15_-1

Enpp2	-4.505	-4.275	-4.604	-4.699	-2.369	-1.906	-4.471	-4.777	-4.981	-4.945	18606	ENPP2	NM_001285995_15_-1
Prc1	-1.279	-0.200	-0.704	-1.225	-3.095	-2.208	-0.520	-0.527	-0.738	-3.452	233406	PRC1	NM_001285997_7_+1
Prc1	-0.454	-0.521	1.694	2.514	3.150	3.073	3.035	2.063	1.289	1.245	233406	PRC1	NM_001285998_7_+1
Plekhg5	0.876	1.748	1.245	1.887	2.655	1.949	1.544	-0.054	-0.796	-1.099	269608	PLEKHG5	NM_001285999_4_+1
Scyl3	1.710	0.126	0.363	-0.180	1.345	0.167	0.912	1.497	1.621	0.933	240880	SCYL3	NM_001286002_1_+1
Scyl3	2.172	1.320	2.138	2.148	2.197	1.288	1.365	1.846	2.874	2.785	240880	SCYL3	NM_001286003_1_+1
Unk	1.057	2.168	2.258	0.837	1.980	2.352	2.108	1.992	2.782	1.449	217331	UNK	NM_001286006_11_+1
Tubgcp2	3.488	3.033	3.362	3.357	3.433	3.266	3.336	3.109	4.269	3.650	74237	TUBGCP2	NM_001286007_7_-1
Tubgcp2	-4.981	-0.235	1.232	0.109	-0.033	-0.555	-0.380	-0.939	0.184	-0.208	74237	TUBGCP2	NM_001286009_7_-1
Tubgcp2	-1.292	1.252	1.116	-0.647	0.958	-0.465	1.302	0.610	-0.517	0.537	74237	TUBGCP2	NM_001286011_7_-1
Dlk2	-4.863	-4.981	-4.939	-4.978	-4.932	-4.972	-4.918	-4.969	-4.981	-4.843	106565	DLK2	NM_001286013_17_+1
Klrc1	-3.563	-0.795	3.266	2.175	1.018	1.468	2.255	2.376	-4.234	-3.988	27007	NA	NM_001286018_6_-1
Dlk2	-3.843	-4.981	-4.268	-4.104	-3.895	-3.838	-3.211	-3.519	-4.981	-1.157	106565	DLK2	NM_001286028_17_+1
Dhx32	-4.009	-3.579	-4.354	-4.751	-4.631	-4.901	-4.496	-4.835	-4.372	-4.561	101437	DHX32	NM_001286030_7_-1
Dhx32	0.422	1.286	0.541	-0.501	-1.449	-0.212	-1.740	-0.197	-1.362	0.731	101437	DHX32	NM_001286031_7_-1
Dhx32	-0.062	0.210	-1.450	-1.452	-0.722	0.435	-0.831	-1.494	-4.350	-0.550	101437	DHX32	NM_001286032_7_-1
Stx2	1.307	2.094	1.643	2.820	0.004	1.812	0.813	3.126	2.188	3.464	13852	STX2	NM_001286033_5_-1
Stx2	-4.135	-0.590	-0.445	0.369	-0.465	-1.649	-2.886	-0.290	0.812	0.741	13852	STX2	NM_001286034_5_-1
Ncf1	2.491	2.172	2.134	1.537	1.915	1.541	1.251	1.730	3.137	3.477	17969	NCF1	NM_001286037_5_-1
Klc3	-4.324	-4.024	-4.730	-3.345	-4.857	-4.961	-4.890	-4.952	-4.981	-4.981	232943	KLC3	NM_001286038_7_-1
Klc3	-0.518	-0.475	-1.835	-2.141	-1.582	-2.910	-2.568	-3.032	-4.981	-4.981	232943	KLC3	NM_001286039_7_-1
Anks1	-4.834	-4.825	-4.873	-4.953	-4.937	-4.952	-4.834	-4.971	-4.738	-4.907	224650	ANKS1A	NM_001286040_17_+1
Anks1	1.228	1.595	2.339	2.029	1.946	1.763	1.589	2.634	3.298	3.135	224650	ANKS1A	NM_001286041_17_+1
Entpd5	-3.002	0.278	-1.391	-3.803	-2.760	-4.663	-0.799	-4.556	0.843	-2.220	12499	ENTPD5	NM_001286049_12_-1
Entpd5	-0.466	-2.919	-1.693	-3.746	-3.842	-4.844	-1.400	-4.547	-0.217	-3.533	12499	ENTPD5	NM_001286058_12_-1
Angpt1	0.616	0.315	-1.521	-3.990	-0.465	-1.122	0.246	-1.769	-0.936	-0.209	11600	ANGPT1	NM_001286062_15_-1
Grk6	1.043	1.592	-0.493	-2.368	-1.720	0.918	-0.931	-1.490	1.526	1.188	26385	GRK6	NM_001286063_13_+1
Grk6	0.446	2.121	-1.611	-2.759	-0.435	-1.655	2.067	-2.041	2.816	2.022	26385	GRK6	NM_001286064_13_+1
Grk6	0.233	2.158	-1.336	-2.003	0.446	-0.351	0.675	0.405	2.423	2.536	26385	GRK6	NM_001286065_13_+1
Grk6	-0.398	0.355	-1.164	-0.344	-1.580	-1.156	-1.085	0.199	1.925	1.614	26385	GRK6	NM_001286066_13_+1
Nin	-4.371	-3.584	0.465	-0.116	1.341	-0.526	-1.434	0.609	1.548	2.730	18080	NIN	NM_001286079_12_-1
Nin	0.707	-3.951	-1.192	-1.649	-1.070	-0.915	-0.696	-0.689	0.453	1.438	18080	NIN	NM_001286080_12_-1
Hpca	-4.981	-4.981	-4.935	-4.966	-4.970	-4.962	-4.976	-4.972	-4.981	-4.894	15444	HPCA	NM_001286081_4_-1
Hpca	-4.981	-4.981	-4.417	-4.451	-4.897	-4.774	-4.963	-4.949	-4.981	-4.445	15444	HPCA	NM_001286083_4_-1
Fam65b	-0.761	-1.021	0.600	-2.775	4.391	2.406	3.456	3.746	5.375	4.308	193385	FAM65B	NM_001286100_13_+1
Fam65b	0.352	0.016	-3.106	-2.607	-2.294	-0.156	-1.245	-1.076	-2.465	-0.753	193385	FAM65B	NM_001286101_13_+1
Traf3	1.187	-1.888	-2.061	-0.154	-0.076	-0.464	0.606	0.396	1.951	1.323	22031	TRAF3	NM_001286122_12_+1
Nfib	-4.415	-4.114	-4.982	-4.771	-4.919	-3.835	-4.824	-4.856	-4.432	-4.810	18028	NFIB	NM_001286127_4_-1
Nfib	-1.055	-3.557	-4.985	-4.429	-4.927	-4.866	-4.698	-4.642	-4.142	-4.651	18028	NFIB	NM_001286131_4_-1
P3h1	-2.090	-3.972	-2.901	-4.508	-3.346	-3.740	-2.148	-3.591	-0.566	-4.698	56401	P3H1	NM_001286148_4_+1
Zfp322a	-2.205	-4.118	0.316	-4.576	0.844	-4.647	0.152	-4.622	1.028	-4.183	218100	ZNF322	NM_001286155_13_-1
Zfp322a	0.782	-3.554	-0.222	-0.679	-1.292	1.343	0.224	0.615	0.792	0.392	218100	ZNF322	NM_001286156_13_-1
Mllt3	-4.981	-2.516	-4.982	-4.927	-4.962	-4.571	-4.952	-4.928	-4.981	-4.968	70122	MLLT3	NM_001286158_4_-1
Rbpms	-4.981	-4.189	-4.821	-4.975	-4.798	-3.815	-4.961	-4.488	-0.535	-4.894	19663	RBPM5	NM_001286168_8_-1
Lox	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.979	-4.883	-4.467	-4.152	16948	LOX	NM_001286181_18_-1
Lox	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.957	-3.991	-3.505	-3.099	16948	LOX	NM_001286182_18_-1
Terf2	-4.295	-3.678	-2.310	-0.673	-0.809	-1.671	0.449	-1.430	-4.741	-2.349	21750	TERF2	NM_001286200_8_-1
Timm9	4.190	4.273	2.813	3.327	3.377	3.323	3.110	3.122	2.307	1.767	30056	TIMM9	NM_001286203_12_-1
Ash2l	-1.219	-1.719	-2.520	-0.913	-2.543	-0.683	-1.289	-4.068	-2.238	-1.369	23808	ASH2L	NM_001286207_8_-1
Zfp386	2.441	1.355	1.807	1.857	0.291	0.541	1.238	1.739	0.959	1.057	56220	ZNF319	NM_001286214_12_+1
Fuom	-4.981	-2.269	-4.159	-2.464	-3.454	-4.993	-2.282	-2.895	-3.209	-1.366	69064	FUOM	NM_001286217_7_-1
Fuom	-4.981	-4.981	-4.980	-4.981	-4.981	-4.981	-4.959	-4.944	-4.981	-4.981	69064	FUOM	NM_001286218_7_-1
Mier1	-0.919	-3.880	-1.059	-3.482	-2.418	-0.871	-2.441	-3.319	-1.575	-0.585	71148	MIER1	NM_001286221_4_+1
Mier1	2.085	-0.028	1.633	1.020	0.948	0.908	0.683	0.488	1.711	0.918	71148	MIER1	NM_001286222_4_+1
Mier1	2.485	2.381	3.291	2.732	3.026	2.595	2.955	2.412	3.409	3.343	71148	MIER1	NM_001286223_4_+1
Cacnb3	-4.553	-4.616	-2.826	-3.235	-2.960	-4.915	-2.704	-4.940	-4.687	-4.875	12297	CACNB3	NM_001286226_15_+1
Nadk2	-2.740	-2.211	0.258	0.523	-0.917	-2.828	-2.286	-1.391	0.846	-0.855	68646	NADK2	NM_001286253_15_+1
Nadk2	-3.279	-3.404	0.501	0.609	-1.309	-0.718	-1.640	-2.758	1.347	-0.386	68646	NADK2	NM_001286255_15_+1
Nfat5	0.680	0.745	1.976	1.532	2.758	1.818	0.763	1.446	-1.283	0.052	54446	NFAT5	NM_001286260_8_+1
Ralgapa1	-2.364	-2.528	-3.597	-4.181	-3.783	-1.205	-2.014	-2.693	-1.262	-4.423	56784	RALGAPA1	NM_001286263_12_-1
Bcl11b	-2.123	-1.991	-4.970	-0.534	-2.401	-3.848	-1.176	-1.395	-4.835	-4.948	58208	BCL11B	NM_001286343_12_-1
Pard6a	2.759	2.697	2.123	1.551	1.907	1.512	0.999	1.119	1.584	1.108	56513	PARD6A	NM_001286344_8_+1
Pard6a	-4.736	-1.671	-2.728	-4.944	-2.793	-2.686	-1.569	-4.272	-4.806	-2.793	56513	PARD6A	NM_001286345_8_+1
Eml1	-4.981	-4.981	-4.950	-4.719	-4.979	-4.943	-4.945	-4.867	-4.981	-4.981	68519	EML1	NM_001286346_12_+1
Eml1	-4.981	-4.981	-4.931	-4.438	-4.978	-4.799	-4.865	-4.358	-4.981	-4.981	68519	EML1	NM_001286347_12_+1
Ldb2	-4.981	-4.981	-4.978	-4.978	-4.958	-4.602	-4.977	-4.978	-4.981	-4.981	16826	LDB2	NM_001286348_5_-1
Tcf25	-0.797	-0.483	-1.654	-0.872	-0.015	-0.779	-1.525	-0.881	0.007	-0.060	66855	TCF25	NM_001286362_8_+1
Tcf25	-0.657	-0.449	-1.318	0.032	-0.358	-0.578	-1.105	-0.240	1.154	1.095	66855	TCF25	NM_001286363_8_+1
Ghr	-4.981	-4.981	-4.119	-4.949	-4.819	-4.837	-4.756	-4.942	-3.738	-3.131	14600	GHR	NM_001286370_15_-1
Stox2	-4.609	-4.357	-4.822	-4.942	-4.972	-4.980	-4.813	-4.955	-4.731	-3.659	71069	STOX2	NM_001286376_8_-1
Vkorc11l	1.159	1.462	2.582	1.595	0.848	0.043	0.149	0.239	0.228	0.013	69568	VKORC11L	NM_001286382_5_+1
Cklf	3.034	2.951	2.497	2.034	3.500	3.321	3.365	2.691	2.418	2.083	75458	CKLF	NM_001286383_8_+1
Kars	3.278	2.395	1.783	1.394	1.923	1.522	0.600	1.073	0.798	1.353	85305	KARS	NM_001286384_8_-1
Zfp821	-1.209	0.098	0.214	1.294	0.781	0.757	-1.089	0.857	2.159	0.874	75871	ZNF821	NM_001286391_8_+1

Man2a1	3.894	4.403	5.045	4.580	4.497	4.348	4.871	4.877	5.193	5.713	17158	MAN2A1	NM_008549_17+_1
Man2b2	2.539	2.931	2.463	2.919	2.497	2.464	2.528	2.743	3.985	4.325	17160	MAN2B2	NM_008550_5-_1
Mapkapk2	7.043	6.931	6.840	6.831	7.220	6.996	7.552	7.851	9.290	9.370	17164	MAPKAPK2	NM_008551_1-_1
Mas1	0.787	2.115	-4.951	-4.951	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	17171	MAS1	NM_008552_17-_1
Ascl2	-4.981	-4.981	-4.062	-3.950	-4.760	-4.075	-2.833	-0.186	0.269	1.915	17173	ASCL2	NM_008554_7-_1
Masp1	-4.981	-4.981	-4.299	-3.838	-4.824	-4.389	-4.790	-3.997	-4.981	-4.981	17174	NA	NM_008555_16-_1
Max	2.728	1.851	3.143	2.400	1.981	1.147	3.019	2.939	2.216	2.878	17187	MAX	NM_008558_12-_1
Mcl1	8.225	8.085	9.369	9.397	9.505	9.744	9.697	9.779	10.410	10.470	17210	MCL1	NM_008562_3+_1
Mcm3	3.490	3.623	5.383	5.251	6.490	5.526	5.886	5.540	4.599	3.359	17215	MCM3	NM_008563_1-_1
Mcm2	4.146	3.714	5.369	5.426	6.098	5.564	5.529	5.501	3.859	3.643	17216	MCM2	NM_008564_6-_1
Mcm4	3.861	4.130	5.293	5.407	6.183	5.811	5.658	5.626	5.043	4.687	17217	MCM4	NM_008565_16-_1
Mcm5	3.283	2.684	5.322	5.559	6.019	5.520	5.696	5.337	4.426	3.531	17218	MCM5	NM_008566_8+_1
Mcm6	5.226	5.144	6.416	6.553	6.944	6.572	6.394	6.437	4.525	3.976	17219	MCM6	NM_008567_1-_1
Mcm7	4.442	4.338	5.591	5.855	6.580	6.227	5.953	6.017	4.516	3.938	17220	MCM7	NM_008568_5-_1
Anapc1	4.624	4.315	5.427	5.468	5.509	5.517	5.528	5.850	6.157	6.349	17222	ANAPC1	NM_008569_2-_1
Mcpt8	-4.981	-4.981	-3.835	-2.115	-4.959	-1.794	5.093	-1.202	-4.394	-4.981	17231	NA	NM_008572_14-_1
Mdm4	-3.512	-2.489	-0.353	-4.449	1.182	-4.800	-3.327	-4.436	0.952	-1.855	17248	MDM4	NM_008575_1-_1
Abcc1	5.232	5.208	5.400	5.408	5.660	5.309	5.725	5.609	4.863	5.051	17250	ABCC1	NM_008576_16+_1
Slc3a2	7.670	7.976	7.468	7.731	7.559	8.115	6.993	7.335	6.017	6.638	17254	SLC3A2	NM_008577_19-_1
Meig1	0.211	0.384	-2.774	-4.184	-3.498	-3.155	-3.113	-3.586	-4.190	-4.981	104362	MEIG1	NM_008579_2-_1
Map3k5	3.896	3.612	3.664	3.648	5.248	5.573	5.205	5.124	6.203	6.315	26408	MAP3K5	NM_008580_10+_1
Men1	1.296	-0.077	0.520	1.157	1.252	-0.040	1.140	0.966	2.202	2.950	17283	MEN1	NM_008583_19+_1
Mertk	-0.349	-3.315	0.823	0.587	1.113	0.100	1.170	2.468	1.198	1.391	17289	MERTK	NM_008587_2+_1
Mesp2	-2.739	-4.981	-2.086	-3.711	-1.335	-1.541	-2.805	-2.186	-4.981	-4.316	17293	MESP2	NM_008589_7+_1
Mest	-4.745	-4.370	-2.993	-2.796	-1.494	-2.214	-4.524	-4.774	-4.634	0.981	17294	MEST	NM_008590_6+_1
Met	-1.327	-2.583	5.136	5.251	-4.069	-3.030	2.072	3.557	4.973	5.480	17295	MET	NM_008591_6+_1
Foxc1	-2.739	-2.097	-2.259	-3.198	-4.766	-4.841	-4.963	-4.972	-4.190	-2.993	17300	FOXC1	NM_008592_13+_1
Foxd2	-1.835	-1.007	-1.099	-0.333	-0.324	-1.089	-0.379	-0.148	-0.129	0.831	17301	FOXD2	NM_008593_4-_1
Mfge8	0.666	0.860	1.365	1.092	0.563	1.046	1.761	1.864	3.180	3.281	17304	MFGE8	NM_008594_7-_1
Mfng	5.302	5.360	4.621	4.547	5.460	5.173	5.328	5.103	4.898	4.518	17305	MFNG	NM_008595_15-_1
Mgmt	2.883	4.398	0.864	2.325	1.663	2.497	1.117	1.470	0.205	0.424	17314	MGMT	NM_008598_7+_1
Cxcl9	2.586	-0.347	8.577	8.923	3.071	3.035	5.289	5.930	1.472	1.322	17329	NA	NM_008599_5-_1
Mip	-1.449	-2.681	-3.939	-3.085	-2.788	-4.117	-4.123	-3.101	-3.461	-3.131	17339	MIP	NM_008600_10+_1
Mitf	-4.981	-4.557	-4.926	-4.969	-4.680	-4.977	-4.803	-4.911	-3.151	-4.911	17342	MITF	NM_008601_6+_1
Pias2	3.671	3.810	3.100	2.888	3.102	2.760	3.275	3.083	3.215	3.816	17344	PIAS2	NM_008602_18+_1
Mmp12	-0.753	0.487	1.365	1.040	7.446	9.012	6.960	7.033	-0.779	-0.006	17381	MMP12	NM_008605_9+_1
Mmp11	2.964	3.139	-0.512	-2.135	-1.757	-3.916	-2.216	-1.108	-4.981	-3.042	17385	MMMP11	NM_008606_10-_1
Mmp13	-1.762	-4.981	-3.306	-3.409	-3.491	-4.086	-2.342	-0.585	-4.981	-2.572	17386	MMP13	NM_008607_9+_1
Mmp14	1.058	1.814	-1.387	-1.275	1.671	0.514	4.720	4.167	1.062	1.601	17387	MMP14	NM_008608_14+_1
Mmp15	-4.981	-4.981	-4.912	-2.843	-2.263	-1.303	-3.298	-4.939	-4.981	-4.981	17388	MMP15	NM_008609_8+_1
Mmp2	-4.981	-4.981	-4.532	-0.988	-2.062	-2.173	-2.010	-2.242	-0.121	-0.876	17390	MMP2	NM_008610_8+_1
Mmp8	-4.981	-4.981	-0.719	-2.284	-1.459	0.526	0.853	2.881	8.589	8.212	17394	MMMP8	NM_008611_9+_1
Mnat1	5.371	5.603	4.376	4.814	4.808	4.735	4.522	4.572	3.744	3.897	17420	MNAT1	NM_008612_12+_1
Mns1	1.245	2.414	1.632	1.655	2.928	2.334	1.911	2.172	-1.481	-0.732	17427	MNS1	NM_008613_9+_1
Me1	-4.981	-4.981	-1.169	0.342	-3.413	-1.239	-4.151	-1.973	-4.981	-2.133	17436	ME1	NM_008615_9-_1
Zfp239	-0.215	-0.819	-1.325	-0.267	-0.564	-0.378	0.201	-0.761	-1.971	-0.493	22685	ZNF239	NM_008616_6+_1
Mdh2	7.585	7.774	8.264	8.598	10.891	10.868	9.323	9.174	7.362	7.355	17448	MDH2	NM_008617_5+_1
Mdh1	8.755	8.649	8.907	8.955	8.677	8.466	8.336	8.008	7.229	6.775	17449	MDH1	NM_008618_11-_1
Mov10	-3.332	-3.175	-3.067	0.335	-1.271	1.082	0.456	0.534	0.441	1.028	17454	MOV10	NM_008619_3-_1
Gbp4	5.261	4.686	5.709	4.976	5.798	5.382	4.299	4.509	2.297	1.938	17472	GBP6	NM_008620_5-_1
Mpp1	6.526	6.771	4.827	5.446	4.170	4.942	5.600	6.284	7.977	8.128	17524	MPP1	NM_008621_X-_1
Mpv17	6.196	6.385	4.736	4.718	4.424	4.638	4.890	5.149	5.198	5.215	17527	MPV17	NM_008622_5-_1
Mras	4.278	3.950	4.259	2.342	0.238	-0.259	1.491	0.057	-1.719	-2.131	17532	MRAS	NM_008624_9-_1
Mrc1	2.880	0.709	3.454	2.871	3.965	2.743	4.308	5.277	3.642	3.506	17533	MRC1	NM_008625_2+_1
Mrc2	-4.981	-3.408	-2.890	-4.951	2.267	2.879	-1.013	-0.354	-4.981	-4.981	17534	MRC2	NM_008626_11+_1
Meis3	0.482	2.068	-0.515	0.423	2.985	3.622	1.015	1.737	-1.632	0.139	17537	MEIS3	NM_008627_7+_1
Msh2	4.250	3.952	5.045	4.668	5.227	5.003	4.843	4.470	4.145	3.820	17685	MSH2	NM_008628_17+_1
Mt2	-2.151	-0.120	-0.493	2.090	0.925	1.831	0.673	3.033	-0.991	-0.439	17750	NA	NM_008630_8+_1
Map2	-1.378	-1.961	-4.937	-2.656	-4.216	-4.469	-4.903	-4.263	-4.981	-4.981	17756	MAP2	NM_008632_1+_1
Map4	2.243	1.277	4.201	3.361	3.004	2.645	2.284	2.547	3.289	3.369	17758	MAP4	NM_008633_9+_1
Map1b	-1.549	-0.212	0.071	1.230	-3.817	0.288	-1.390	-2.140	-0.831	-0.528	17755	MAP1B	NM_008634_13-_1
Map7	3.468	-0.876	2.029	-1.768	3.196	-2.429	2.066	-2.268	1.255	-3.386	17761	MAP7	NM_008635_10+_1
Mtf1	3.948	4.224	4.544	4.375	4.618	4.600	4.393	4.230	4.547	4.543	17764	MTF1	NM_008636_4+_1
Nudt1	4.271	4.133	3.253	3.309	3.446	3.466	3.622	3.400	2.827	2.599	17766	NUDT1	NM_008637_5+_1
Mthfd2	4.537	4.322	6.371	6.515	6.557	6.442	6.109	5.510	4.888	4.623	17768	MTHFD2	NM_008638_6-_1
Laptm4a	8.228	8.470	7.638	7.706	7.194	7.675	8.007	8.550	8.859	8.881	17775	LAPTM4A	NM_008640_12+_1
Mast2	0.931	1.561	2.989	3.208	3.536	3.154	2.696	3.164	3.174	3.648	17776	MAST2	NM_008641_4-_1
Mttp	-2.483	-1.635	-4.917	-4.761	-4.156	-4.863	-4.533	-3.815	-1.412	-2.210	17777	MTTP	NM_008642_3-_1
Mut	4.089	4.463	4.761	4.819	4.400	4.737	4.295	4.767	4.660	4.954	17850	MUT	NM_008650_17+_1
Mybl1	-4.981	-3.861	-3.782	-4.700	-2.782	-4.013	-4.887	-4.827	-4.799	-4.874	17864	MYBL1	NM_008651_1-_1
Mybl2	-0.386	0.026	2.501	2.608	2.670	2.669	2.050	2.358	1.543	0.636	17865	MYBL2	NM_008652_2+_1
Mybpc3	0.264	0.256	0.139	1.432	-0.182	2.003	-0.916	-0.595	-0.597	0.100	17868	MYBPC3	NM_008653_2+_1
Ppp1r15a	7.348	7.073	7.907	8.040	9.074	9.216	8.713	8.569	8.123	8.075	17872	PPP1R15A	NM_008654_7-_1
Gadd45b	6.771	6.855	7.401	7.466	8.267	7.879	7.230	6.600	4.790	4.911	17873	GADD45B	NM_008655_10+_1

Myo1c	4.399	4.309	4.176	4.605	3.501	3.322	4.395	4.533	6.252	6.044	17913	MYO1C	NM_008659_11+_1
Myo7a	-3.924	-2.998	-3.896	-4.303	-4.345	-4.790	-3.410	-4.351	-1.979	-2.974	17921	MYO7A	NM_008663_7_-_1
Myt1l	-4.981	-4.981	-4.978	-4.734	-4.904	-4.952	-4.982	-4.939	-4.981	-4.981	17933	MYT1L	NM_008666_12+_1
Nab1	6.206	6.215	6.275	6.003	6.184	6.055	6.556	6.458	7.197	7.369	17936	NAB1	NM_008667_1_-_1
Nab2	-2.099	-4.626	1.398	2.009	0.416	1.046	2.223	2.166	2.354	2.360	17937	NAB2	NM_008668_10_-_1
Naga	7.634	7.928	9.072	9.441	6.510	7.631	7.196	7.874	7.641	7.638	17939	NAGA	NM_008669_15_-_1
Naip1	0.795	1.565	-2.328	-0.315	-3.243	-0.300	-0.844	0.509	1.252	2.593	17940	NA	NM_008670_13_-_1
Nap1l2	0.537	1.520	-1.798	-1.699	-1.849	-0.622	-0.906	-1.095	-0.453	-0.641	17954	NAP1L2	NM_008671_X_-_1
Nap1l4	4.354	4.112	4.735	5.018	4.669	4.870	4.729	4.619	3.730	4.108	17955	NAP1L4	NM_008672_7_-_1
Nat1	-1.549	-4.981	-2.864	-1.627	-4.975	-4.573	-3.162	-2.960	-4.981	-2.586	17960	NAT2	NM_008673_8+_1
Nbl1	4.054	2.589	1.925	2.463	1.256	1.626	-1.966	-2.391	-2.549	-2.993	17965	MINOS1-NBL1 NBL1	NM_008675_4_-_1
Nbr1	2.852	4.020	3.345	4.590	3.124	4.118	3.991	4.265	4.897	5.645	17966	NBR1	NM_008676_11+_1
Ncf4	6.668	7.985	7.725	8.747	8.087	8.538	7.638	8.510	8.312	9.240	17972	NCF4	NM_008677_15+_1
Ncoa2	4.036	4.144	5.435	5.360	5.203	5.229	5.198	4.745	5.050	5.327	17978	NCOA2	NM_008678_1_-_1
Ncoa3	5.593	6.051	6.592	6.695	7.013	7.331	6.825	6.622	6.919	6.923	17979	NCOA3	NM_008679_2+_1
Enah	-4.981	-4.297	-3.489	-4.707	-2.883	-2.829	-2.304	-1.554	-3.635	-2.006	13800	ENAH	NM_008680_1_-_1
Ndrp1	2.269	2.850	4.074	4.307	3.284	4.875	4.198	4.635	7.063	6.998	17988	NDRG1	NM_008681_15_-_1
Nedd1	3.599	4.260	4.214	4.066	4.409	4.006	4.440	4.121	4.335	4.337	17997	NEDD1	NM_008682_10_-_1
Nedd8	8.035	7.890	8.557	8.538	8.336	8.304	8.474	8.051	7.257	6.999	18002	NEDD8	NM_008683_14_-_1
Neo1	-1.529	-2.110	-3.256	-3.248	-0.827	-1.280	-1.837	-2.205	-3.133	-3.270	18007	NEO1	NM_008684_9_-_1
Nfe2	-1.899	-0.518	-3.568	1.443	0.734	2.355	5.075	4.827	8.045	7.252	18022	NFE2	NM_008685_15_-_1
Nfe2l1	4.069	4.361	4.569	4.667	4.861	4.722	4.789	4.950	4.906	5.263	18023	NFE2L1	NM_008686_11_-_1
Nfib	-2.287	-1.951	-4.978	-2.760	-4.844	-4.320	-4.369	-3.556	-3.870	-4.485	18028	NFIB	NM_008687_4_-_1
Nfic	3.935	3.823	3.633	3.751	3.333	3.246	4.389	4.378	5.662	5.316	18029	NFIC	NM_008688_10_-_1
Nfkb1	7.168	7.000	7.050	6.786	8.942	9.102	8.446	8.469	7.706	7.885	18033	NFKB1	NM_008689_3_-_1
Nfkbie	6.511	6.494	6.685	6.895	7.448	7.505	7.304	7.295	5.810	6.817	18037	NFKBIE	NM_008690_17+_1
Nfyc	5.781	5.901	5.610	5.623	5.807	5.817	5.680	5.780	6.098	5.802	18046	NFYC	NM_008692_4_-_1
Klk1b3	-2.023	-1.720	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	18050	KLK3	NM_008693_7+_1
Ngp	-4.981	-4.981	-4.578	1.937	-4.703	6.133	-3.821	7.421	10.260	-3.855	18054	NA	NM_008694_9+_1
Nid2	-0.749	-1.309	2.280	2.742	-2.357	-1.690	-0.244	0.945	1.755	2.488	18074	NID2	NM_008695_14+_1
Map4k4	0.208	1.654	-0.730	0.132	0.644	-1.541	1.220	-0.986	2.549	1.524	26921	MAP4K4	NM_008696_1+_1
Nin	-0.129	1.533	0.985	0.606	1.112	0.915	2.405	1.963	4.392	3.880	18080	NIN	NM_008697_12_-_1
Nipsnap1	4.088	4.521	4.012	4.740	4.297	4.529	3.683	4.011	2.378	2.777	18082	NIPSNAP1	NM_008698_11+_1
Nkx2-3	-3.563	-4.981	-4.957	-4.534	-4.989	-4.786	-4.164	-2.545	-3.750	-3.853	18089	NKX2-3	NM_008699_19+_1
Nlk	2.686	2.939	3.331	3.181	2.753	3.056	2.870	2.550	2.719	2.750	18099	NLK	NM_008702_11_-_1
Nme1	7.741	7.756	6.697	7.271	6.799	7.034	6.943	7.321	6.359	6.081	18102	NME1	NM_008704_11_-_1
Nme2	6.957	6.725	6.224	6.088	6.161	6.166	6.503	6.412	6.335	5.900	18103	NME2	NM_008705_11_-_1
Nqo1	-4.981	-2.060	-1.017	1.188	-2.502	0.198	-0.018	0.645	-0.944	-1.365	18104	NQO1	NM_008706_8_-_1
Nmt1	6.392	6.345	6.843	7.119	6.704	6.725	6.663	6.782	6.846	6.864	18107	NMT1	NM_008707_11+_1
Nmt2	2.838	3.593	3.618	3.596	3.137	2.859	2.322	1.916	-0.229	1.800	18108	NMT2	NM_008708_2+_1
Mycn	-4.981	-4.981	-4.887	-4.887	-3.420	-2.862	-4.967	-2.934	-4.981	-2.609	18109	MYCN	NM_008709_12_-_1
Nnt	-2.505	0.533	-4.175	-1.099	-3.205	-2.128	-4.312	-0.939	-2.989	0.242	18115	NA	NM_008710_13_-_1
Nog	-4.981	-0.760	-4.315	-4.726	-4.973	-4.708	-4.972	-4.816	-4.981	-4.981	18121	NOG	NM_008711_11_-_1
Nos1	-4.981	-3.315	-3.828	-4.693	-2.438	-3.990	-3.859	-4.548	-3.189	-4.119	18125	NOS1	NM_008712_5+_1
Nos3	0.313	0.971	-2.404	-1.863	-2.854	-1.283	-1.397	-1.562	-0.964	-0.392	18127	NOS3	NM_008713_5+_1
Notch1	5.638	5.824	1.700	2.071	0.424	0.542	2.405	2.854	5.769	5.460	18128	NOTCH1	NM_008714_2_-_1
Ints6	3.496	3.960	4.609	4.569	4.551	4.487	4.029	4.007	4.613	4.707	18130	INTS6	NM_008715_14_-_1
Notch3	2.336	3.108	-0.355	-0.110	-2.014	-2.922	-3.273	-4.007	-4.981	-4.981	18131	NOTCH3	NM_008716_17_-_1
Zfp638	5.012	5.164	5.553	5.407	5.825	5.965	5.426	5.342	5.206	5.688	18139	ZNF638	NM_008717_6+_1
Npas1	-3.668	-2.997	-4.256	-4.531	-4.327	-4.669	-4.042	-4.227	-1.302	-1.167	18142	NPAS1	NM_008718_7_-_1
Npas2	0.443	0.245	-1.794	-2.531	-2.897	-1.521	-4.781	-3.899	-4.981	-4.981	18143	NPAS2	NM_008719_1+_1
Npc1	7.580	7.833	4.625	4.659	5.847	6.243	5.356	4.956	5.042	5.070	18145	NPC1	NM_008720_18_-_1
Npdc1	-0.327	-4.981	-3.312	-2.416	-4.969	-3.226	-2.941	-2.164	-4.981	-4.981	18146	NPDC1	NM_008721_2+_1
Npm1	8.786	8.341	8.830	8.443	8.400	7.967	8.529	8.159	7.237	7.120	18148	NPM1	NM_008722_11_-_1
Npm3	1.916	1.896	1.920	1.472	1.848	1.396	2.272	1.369	1.484	1.320	18150	NPM3	NM_008723_19_-_1
Nppa	-4.981	-2.291	-3.538	-3.508	-4.376	-4.769	-4.036	-4.953	-4.190	-4.981	230899	NPPA	NM_008725_4+_1
Npr1	-4.981	-1.347	-4.036	-1.317	-4.878	-4.028	-4.766	-2.555	-4.981	-2.733	18160	NPR1	NM_008727_3_-_1
Ctndd2	4.582	4.709	2.800	2.107	6.219	6.435	4.517	3.568	-0.695	-2.343	18163	CTNND2	NM_008729_15+_1
Nptx1	-4.981	-4.981	-3.314	-3.714	-4.933	-4.763	-4.979	-4.725	-4.981	-4.981	18164	NPTX1	NM_008730_11_-_1
Slc11a2	1.593	2.554	4.445	4.295	3.442	3.105	3.689	3.775	4.128	3.851	18174	SLC11A2	NM_008732_15_-_1
Nrap	-4.981	-4.981	-4.980	-4.893	-4.963	-4.970	-4.981	-4.981	-4.981	-4.981	18175	NRAP	NM_008733_19_-_1
Nrp1	6.145	6.612	4.211	5.331	3.723	4.723	5.034	6.034	7.383	7.132	18186	NRP1	NM_008737_8+_1
Nrtn	-1.045	-4.981	-4.467	-2.625	-4.905	-4.049	-3.755	-3.516	-2.871	-1.547	18188	NRTN	NM_008738_17_-_1
Nsd1	5.803	5.714	6.433	6.300	6.591	6.611	6.129	5.825	5.631	5.743	18193	NSD1	NM_008739_13+_1
Nsf	6.012	5.771	5.841	5.958	5.684	5.804	6.206	6.564	7.343	7.368	18195	NSF	NM_008740_11_-_1
Nsg2	2.597	-0.801	-4.921	-4.874	-4.067	-3.397	-1.108	-0.408	-2.011	-2.084	18197	HMP19	NM_008741_11+_1
Nthl1	3.288	3.156	1.604	2.002	1.842	2.594	1.658	1.873	1.129	1.008	18207	NTHL1	NM_008743_17+_1
Ntn1	-4.981	-3.408	-4.326	-3.461	-3.665	-3.717	-4.715	-3.482	-4.981	-1.755	18208	NTN1	NM_008744_11_-_1
Ntrk3	-4.981	-4.981	-4.114	-4.976	-4.945	-4.680	-4.962	-2.635	-4.981	-3.853	18213	NTRK3	NM_008746_7_-_1
Dusp8	-3.090	-2.883	-0.999	-0.028	0.098	-0.298	-1.879	-1.838	-4.394	-2.684	18218	DUSP8	NM_008748_7_-_1
Nucb1	-0.978	-3.612	-4.093	-4.491	-3.184	-4.702	-1.262	-2.468	0.041	-1.498	18220	NUCB1	NM_008749_7_-_1
Nxn	2.449	2.352	0.847	0.926	1.317	1.149	0.474	0.084	1.971	1.312	18230	NXN	NM_008750_11_-_1
Oaz1	10.604	10.719	9.980	9.959	9.609	9.672	9.436	9.475	8.917	8.772	18245	OAZ1	NM_008753_10+_1
Ocln	-4.981	-1.773	-0.747	-0.598	-4.737	-2.888	-4.879	-3.388	-4.981	-3.480	18260	OCLN	NM_008756_13_-_1

Ogn	-4.981	-4.981	-3.847	-3.278	-3.318	-3.988	-4.988	-3.493	-4.394	-4.316	18295	OGN	NM_008760_13_+_1
Fxyd5	7.768	7.413	7.563	7.136	6.467	5.968	8.376	8.549	8.951	8.575	18301	FXYD5	NM_008761_7_+_1
Tnfrsf11b	-4.981	-2.160	-4.965	-2.471	-2.708	-2.545	-4.962	-4.868	-4.981	-4.981	18383	TNFRSF11B	NM_008764_15_+_1
Orc2	4.604	4.010	4.022	4.431	4.442	4.569	4.434	4.302	3.663	3.862	18393	ORC2	NM_008765_1_+_1
Slc22a18	-0.942	-2.060	3.824	4.191	-0.213	0.539	1.060	1.595	2.002	2.091	18400	SLC22A18	NM_008767_7_+_1
Orm1	-4.981	-4.981	-4.983	-4.611	-4.943	-4.317	-4.956	-2.279	2.066	-1.950	18405	NA	NM_008768_4_+_1
P2rx1	-3.189	-1.693	-3.869	-1.716	-3.337	-2.057	1.019	-1.066	3.004	2.122	18436	P2RX1	NM_008771_11_+_1
P2ry1	-4.537	-4.439	-3.335	-2.578	-2.805	-4.292	-1.500	-0.957	3.861	3.995	18441	P2RY1	NM_008772_3_+_1
P2ry2	-4.712	-4.981	-0.674	-1.919	-2.179	-0.335	0.762	0.370	0.706	3.089	18442	P2RY2	NM_008773_7_+_1
Pabpc1	7.866	7.778	8.971	8.920	8.682	8.672	8.867	8.740	8.576	8.551	18458	PABPC1	NM_008774_15_+_1
Pafah1b2	6.109	6.066	5.642	5.804	5.697	5.845	5.906	5.927	6.157	6.365	18475	PAFAH1B2	NM_008775_9_+_1
Pafah1b3	8.487	8.796	6.920	6.730	4.566	4.674	4.414	5.152	2.655	2.686	18476	PAFAH1B3	NM_008776_7_+_1
Pak3	-4.981	-4.981	-4.980	-4.843	-3.936	-0.649	-4.972	-4.823	-4.981	-4.981	18481	PAK3	NM_008778_X_+_1
Pax1	-4.981	-4.981	-4.953	-4.358	-4.933	-3.218	-4.959	-4.970	-4.981	-4.981	18503	PAX1	NM_008780_2_+_1
Pax5	-2.035	-4.981	-4.399	-1.651	-3.727	-1.030	-2.592	-0.155	-3.373	-3.498	18507	PAX5	NM_008782_4_+_1
Pbx1	-1.114	-1.856	0.570	-0.967	-4.724	-4.881	-1.312	-4.786	-1.796	-2.102	18514	PBX1	NM_008783_1_+_1
Igbp1	5.528	5.695	5.786	5.760	5.259	5.319	5.528	5.400	4.989	5.022	18518	IGBP1	NM_008784_X_+_1
Pcmt1	6.348	6.372	6.279	6.170	6.018	5.802	5.865	5.799	5.451	5.378	18537	NA	NM_008786_10_+_1
Pcnt	2.099	1.682	2.133	1.586	2.031	1.741	2.341	1.305	-0.183	0.752	18541	NA	NM_008787_10_+_1
Pcolce	-0.430	-4.981	-2.986	-2.892	-4.277	-3.153	-3.096	-0.743	-4.190	-3.449	18542	PCOLCE	NM_008788_5_+_1
Pcp4	-4.981	-4.981	-3.617	-1.240	1.636	0.548	-2.617	1.291	-4.394	-2.172	18546	PCP4	NM_008791_16_+_1
Pcsk4	-2.123	-2.883	-2.312	-2.065	-1.193	-1.520	-2.357	-1.175	-1.831	-4.227	18551	PCSK4	NM_008793_10_+_1
Pcsk7	-0.493	-4.093	1.093	1.309	-1.255	-0.349	1.201	0.191	4.194	4.444	18554	PCSK7	NM_008794_9_+_1
Cdk18	-3.668	-1.756	-0.526	0.884	-2.478	-3.987	-1.978	-2.269	-3.153	-2.145	18557	CDK18	NM_008795_1_+_1
Pctp	3.602	2.387	4.392	4.029	3.806	3.067	4.333	3.317	4.833	3.460	18559	PCTP	NM_008796_11_+_1
Pcx	-1.531	0.474	-0.475	-0.193	-0.304	-4.091	-1.435	-3.207	-0.745	-0.073	18563	PC	NM_008797_19_+_1
Pdcd1	0.096	0.827	-2.878	-0.452	-2.945	-1.794	-3.329	0.828	-1.236	1.208	18566	PDCD1	NM_008798_1_+_1
Pdcd2	5.866	5.696	4.857	5.025	4.753	4.770	4.543	4.704	3.634	3.696	18567	PDCD2	NM_008799_17_+_1
Pde1b	-0.403	0.982	6.257	6.543	2.657	2.611	1.840	3.336	3.720	3.098	18574	PDE1B	NM_008800_15_+_1
Pde6d	5.456	5.678	4.998	5.122	5.456	5.692	5.149	5.064	4.363	4.619	18582	PDE6D	NM_008801_1_+_1
Pde7a	2.366	4.782	0.146	-0.115	-1.219	-0.410	1.332	0.848	-1.366	1.292	18583	PDE7A	NM_008802_3_+_1
Pde8a	-0.067	-1.941	3.305	3.288	1.370	1.442	1.645	1.645	2.987	3.337	18584	PDE8A	NM_008803_7_+_1
Pde9a	-4.981	-4.981	-4.613	-4.501	-4.980	-3.969	-4.536	-4.498	-4.981	-4.981	18585	PDE9A	NM_008804_17_+_1
Pdgfa	3.431	4.366	1.594	2.694	0.406	0.954	0.146	0.259	-0.463	-1.131	18590	PDGFA	NM_008808_5_+_1
Pdgfrb	-4.981	-4.981	-4.205	-3.063	-3.374	-0.226	-0.234	0.765	-0.192	2.837	18596	PDGFRB	NM_008809_18_+_1
Pdha1	5.535	6.007	5.224	5.344	5.572	5.425	6.305	6.165	7.035	7.115	18597	PDHA1	NM_008810_X_+_1
Padi2	7.054	5.792	4.483	2.229	0.683	1.153	5.353	4.881	7.888	6.757	18600	PADI2	NM_008812_4_+_1
Enpp1	2.846	2.874	0.071	1.886	-0.920	0.516	0.033	3.420	-1.852	0.340	18605	ENPP1	NM_008813_10_+_1
Etv4	-4.981	-4.981	-4.657	-4.928	-3.992	-2.795	-4.836	-4.431	-4.981	-4.981	18612	ETV4	NM_008815_11_+_1
Pecam1	2.494	3.016	3.632	3.624	3.287	4.010	2.597	3.105	1.629	2.035	18613	PECAM1	NM_008816_11_+_1
Pemt	-4.896	-4.710	-4.756	-3.544	-4.977	-4.977	-4.923	-4.962	-4.976	-4.977	18618	PEMT	NM_008819_11_+_1
Pepd	7.187	7.492	6.346	6.995	6.532	6.286	6.303	7.055	6.789	7.097	18624	PEPD	NM_008820_7_+_1
Pex7	5.960	5.657	5.389	5.169	5.280	5.179	5.114	4.696	5.347	4.999	18634	PEX7	NM_008822_10_+_1
Cfp	8.458	8.527	7.184	7.531	9.308	9.574	8.141	8.422	6.994	7.475	18636	CFP	NM_008823_X_+_1
Pfkb1	-0.238	-0.862	2.034	0.786	0.714	0.499	0.626	-0.049	-1.058	-1.693	18639	PFKFB1	NM_008824_X_+_1
Pfkb2	2.900	2.573	2.129	1.975	1.783	1.973	1.677	2.040	2.511	2.989	18640	PFKFB2	NM_008825_1_+_1
Pfkl	4.747	5.091	5.609	6.041	5.335	5.487	5.583	5.699	5.509	5.643	18641	PFKL	NM_008826_10_+_1
Pgf	-4.981	-4.981	-2.645	-0.774	-2.291	-4.347	-4.947	-0.686	-4.981	-4.981	18654	PGF	NM_008827_12_+_1
Pgk1	6.605	6.498	7.850	8.030	6.424	6.539	6.876	7.099	7.406	7.360	18655	PGK1	NM_008828_X_+_1
Abcb4	2.465	2.583	-1.512	1.495	1.344	3.015	0.420	3.012	0.008	2.233	18670	ABCB4	NM_008830_5_+_1
Phb	6.990	6.816	6.505	6.475	6.259	6.590	6.281	6.583	5.781	5.480	18673	PHB	NM_008831_11_+_1
Phka1	1.437	2.345	2.818	2.715	1.773	2.531	2.457	1.633	2.822	2.779	18679	PHKA1	NM_008832_X_+_1
Pick1	-1.616	-4.350	-1.968	-0.540	-1.230	-0.849	-2.597	-2.024	-0.767	-4.945	18693	PICK1	NM_008837_15_+_1
Pigf	3.645	3.241	5.042	4.436	4.132	3.318	4.043	3.388	3.492	3.558	18701	PIGF	NM_008838_17_+_1
Pik3ca	4.590	4.811	4.666	4.956	4.742	4.668	4.823	5.167	5.697	6.194	18706	PIK3CA	NM_008839_3_+_1
Pik3cd	3.580	2.339	4.099	2.040	4.438	3.596	4.031	3.816	4.781	4.126	18707	PIK3CD	NM_008840_4_+_1
Pik3r2	3.509	3.138	4.039	4.317	4.189	4.070	4.429	4.494	5.426	5.125	18709	PIK3R2	NM_008841_8_+_1
Pim1	3.645	3.604	5.320	5.584	5.973	6.162	5.631	5.386	5.521	5.649	18712	PIM1	NM_008842_17_+_1
Pip5k1c	3.479	3.690	2.981	3.344	2.231	3.178	3.365	3.201	4.806	3.401	18717	PIP5K1C	NM_008844_10_+_1
Pip4k2a	8.049	8.040	8.607	8.542	9.667	9.582	9.119	8.721	8.832	8.776	18718	PIP4K2A	NM_008845_2_+_1
Pip5k1b	-2.647	-2.883	-3.608	-1.589	-4.094	-1.633	-2.154	-0.511	-0.808	-1.091	18719	PIP5K1B	NM_008846_19_+_1
Pip5k1a	-2.240	2.143	2.527	1.195	3.114	2.790	3.075	2.061	3.224	1.977	18720	PIP5K1A	NM_008847_3_+_1
Pira6	-4.806	0.989	-4.756	0.844	-4.222	2.265	0.462	5.995	2.239	7.382	18729	NA	NM_008848_7_+_1
Pitpna	9.105	9.319	8.817	8.757	8.860	8.715	9.260	9.198	9.989	9.799	18738	PITPNA	NM_008850_11_+_1
Pitpnm1	-0.369	-1.368	1.851	2.513	0.851	1.170	2.528	1.234	4.241	3.490	18739	PITPNM1	NM_008851_19_+_1
Pja1	-1.786	0.392	-4.377	-3.481	-3.849	-1.910	-1.724	-3.875	-4.823	-1.707	18744	PJA1	NM_008853_X_+_1
Prkaca	3.797	4.233	4.324	4.733	4.328	4.636	4.262	4.732	4.895	5.219	18747	PRKACA	NM_008854_8_+_1
Prkcb	7.542	7.594	7.485	7.760	9.600	9.761	8.716	8.465	7.783	8.010	18751	PRKCB	NM_008855_7_+_1
Prkch	3.028	2.401	5.335	5.325	5.985	5.894	6.283	6.048	6.960	6.831	18755	PRKCH	NM_008856_12_+_1
Prcki	2.858	2.944	3.811	3.771	3.091	3.354	3.080	3.713	4.798	4.965	18759	PRKCI	NM_008857_3_+_1
Prkcq	-0.536	-0.814	0.713	0.445	-0.983	0.634	0.942	2.593	-0.603	-0.060	18761	PRKCQ	NM_008859_2_+_1
Prkcw	-0.607	-3.553	-0.570	-0.166	0.712	2.798	-0.781	2.095	0.287	-0.264	18762	PRKCZ	NM_008860_4_+_1
Pkd2	-0.883	1.919	-1.867	0.420	-0.976	-0.867	0.839	1.896	2.557	3.875	18764	PKD2	NM_008861_5_+_1
Pkia	-4.981	-2.160	-4.120	-4.392	-3.241	-2.596	-4.844	-2.401	-4.981	-4.981	18767	PKIA	NM_008862_3_+_1

Pkib	3.520	3.347	4.155	4.241	3.250	3.256	1.761	1.928	0.640	-0.111	18768	PKIB	NM_008863_10_+1
Lyp1a1	6.271	6.691	6.326	6.291	6.135	6.072	6.315	6.386	6.702	7.076	18777	LYPLA1	NM_008866_1_+1
Pla2r1	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.894	-4.934	-3.750	-1.401	18779	PLA2R1	NM_008867_2_-1
Pla2g4a	2.286	3.637	3.016	3.848	4.555	4.841	4.708	5.055	5.000	5.210	18783	PLA2G4A	NM_008869_1_-1
Serpine1	-4.981	-4.981	-3.333	-3.957	-3.921	-3.514	-4.677	-3.995	-4.981	-4.981	18787	SERPINE1	NM_008871_5_-1
Plat	-2.454	-2.681	-1.084	0.570	-3.042	-1.806	-4.955	-4.865	-3.531	-4.981	18791	PLAT	NM_008872_8_+1
Plau	-2.686	-0.347	-2.873	-3.042	-0.313	-0.555	-0.105	0.060	-0.837	0.298	18792	PLAU	NM_008873_14_+1
Plcb3	-2.906	-3.760	-2.536	-4.501	-3.334	-2.780	-4.269	-0.600	-3.600	-4.419	18797	PLCB3	NM_008874_19_-1
Pld1	0.605	-1.208	-3.333	-0.817	-0.090	-1.185	0.251	-0.965	-0.224	0.902	18805	PLD1	NM_008875_3_+1
Pld2	2.924	2.751	4.384	4.210	4.644	5.039	4.257	4.081	3.517	4.269	18806	PLD2	NM_008876_11_+1
Plg	-4.981	-4.981	-4.981	-4.981	-4.972	-4.806	-1.646	-4.840	-4.981	-4.981	18815	PLG	NM_008877_17_+1
Serpinf2	-3.668	-1.696	-1.242	-1.720	-4.157	-4.416	-3.565	-3.710	-4.981	-2.601	18816	SERPINF2	NM_008878_11_-1
Lcp1	8.404	7.478	10.408	10.278	10.989	10.504	10.529	10.255	10.610	10.701	18826	LCP1	NM_008879_14_+1
Plscr2	-4.981	-4.981	-3.421	-2.856	-4.970	-4.534	-4.923	-4.691	-2.858	-4.981	18828	NA	NM_008880_9_+1
Plxna1	-0.505	-1.365	1.262	1.878	1.095	1.010	2.820	2.700	1.076	1.991	18844	PLXNA1	NM_008881_6_-1
Plxna2	1.268	0.471	-4.923	-2.912	-3.091	-3.115	-4.967	-4.148	-4.981	-1.962	18845	PLXNA2	NM_008882_1_+1
Plxna3	-1.926	-1.716	0.519	-0.034	-0.749	0.491	-1.159	-0.543	-0.612	-0.405	18846	PLXNA3	NM_008883_X_+1
Pml	6.206	5.751	4.025	4.648	2.971	3.953	3.336	4.025	4.362	3.149	18854	PML	NM_008884_9_-1
Pmp22	-4.847	-4.126	-4.979	-4.978	-4.565	-4.964	-4.959	-2.787	-4.981	-3.265	18858	PMP22	NM_008885_11_+1
Pms2	2.827	2.758	2.807	2.764	3.611	3.303	2.978	2.848	2.896	2.712	18861	PMS2	NM_008886_5_+1
Ppp1r14b	7.289	7.362	5.841	5.953	4.913	4.978	5.216	5.510	4.494	4.241	18938	PPP1R14B	NM_008889_19_+1
Pnn	6.821	6.771	6.976	6.773	7.400	7.362	6.808	6.662	6.115	6.117	18949	PNN	NM_008891_12_+1
Pola1	2.648	2.498	3.776	4.051	5.235	5.073	4.646	4.104	2.278	2.541	18968	POLA1	NM_008892_X_-1
Pola2	3.935	3.769	3.166	3.198	4.012	3.917	3.757	3.766	3.260	2.741	18969	POLA2	NM_008893_19_-1
Pold2	5.551	5.058	3.803	3.955	4.073	3.796	3.889	3.757	2.874	2.206	18972	POLD2	NM_008894_11_-1
Pomc	-3.357	-2.829	-3.971	-4.282	-4.283	-4.655	-3.813	-4.453	-4.148	-4.454	18976	POMC	NM_008895_12_+1
Por	4.739	5.002	4.721	5.150	5.927	6.148	5.730	5.907	6.417	6.114	18984	POR	NM_008898_5_+1
Pou3f2	-3.090	-4.981	-4.196	-4.705	-4.335	-4.994	-4.978	-4.852	-4.190	-4.981	18992	POU3F2	NM_008899_4_-1
Endou	-4.981	-4.981	-3.637	-2.471	-4.779	-2.562	-2.759	-0.439	-3.228	-4.981	19011	ENDOUB	NM_008902_15_-1
Plpp1	2.329	1.542	6.829	6.708	0.624	0.941	1.393	2.338	0.429	0.458	19012	NA	NM_008903_13_+1
Ppargc1a	-1.725	-4.981	-2.253	-4.924	1.042	0.773	-3.498	-4.943	-3.785	-4.981	19017	PPARGC1A	NM_008904_5_-1
Ppffb2	3.472	2.876	6.664	6.402	4.739	4.314	4.603	4.863	4.239	4.687	19024	PPFBP2	NM_008905_7_+1
Ctsa	9.877	9.808	7.399	7.804	9.433	9.710	9.495	9.892	10.315	10.710	19025	CTSA	NM_008906_2_+1
Ppia	12.612	12.807	11.611	11.605	11.709	11.615	11.422	11.520	10.338	10.217	268373	PIPA	NM_008907_11_+1
Ppic	1.513	3.470	-2.623	-0.965	-3.491	-1.789	-4.942	-0.865	-3.242	-1.996	19038	PIPIC	NM_008908_18_-1
Ppl	-1.313	-2.583	-3.585	-4.424	-2.605	-1.626	-4.910	-1.153	-4.981	-3.233	19041	PPL	NM_008909_16_-1
Ppm1a	4.650	4.847	4.273	4.168	4.042	4.001	4.571	4.327	4.784	4.788	19042	PPM1A	NM_008910_12_+1
Ppox	5.123	3.918	4.693	3.858	5.201	4.611	4.923	4.097	4.753	4.140	19044	PPOX	NM_008911_1_-1
Ppp3ca	0.435	-3.718	-1.077	1.351	0.639	0.671	0.336	-1.937	0.044	1.104	19055	PPP3CA	NM_008913_3_+1
Ppp3cb	0.062	3.632	2.500	2.240	2.984	3.239	2.738	2.720	2.152	3.426	19056	PPP3CB	NM_008914_14_-1
Ppp3cc	4.732	4.885	2.899	3.678	2.354	3.660	2.153	4.390	0.711	1.198	19057	PPP3CC	NM_008915_14_-1
Inpp5k	7.367	7.767	6.676	6.637	6.794	6.827	6.744	6.876	7.435	7.200	19062	INPP5K	NM_008916_11_+1
Ppt1	7.987	8.115	12.267	12.450	7.587	7.736	8.167	9.610	8.689	9.042	19063	PPT1	NM_008917_4_+1
Prg2	-4.981	-1.347	-1.382	0.864	1.836	1.763	0.215	2.421	-4.981	-2.969	19074	PRG2	NM_008920_2_+1
Prim1	3.545	4.014	3.982	4.222	4.848	4.596	4.140	4.040	1.568	1.122	19075	PRIM1	NM_008921_10_+1
Prim2	3.082	3.484	3.255	3.776	3.657	3.646	3.416	3.536	2.421	2.530	19076	PRIM2	NM_008922_1_-1
Prkar1b	0.276	-2.375	-1.627	-0.952	-0.671	-1.192	-0.912	0.773	-1.085	-0.201	19085	PRKAR1B	NM_008923_5_-1
Prkar2a	1.580	1.767	5.087	5.092	4.916	4.439	4.804	4.731	4.548	4.801	19087	PRKAR2A	NM_008924_9_+1
PrkcsH	4.024	5.259	4.190	5.102	4.335	4.918	4.068	4.583	4.320	4.867	19089	PRKCSH	NM_008925_9_+1
Map2k1	6.129	6.662	6.856	7.212	7.657	8.055	7.575	7.851	8.115	8.408	26395	MAP2K1	NM_008927_9_-1
Map2k3	5.553	5.691	6.433	6.670	5.845	5.825	6.053	6.166	6.426	6.381	26397	MAP2K3	NM_008928_11_+1
Dnajc3	7.710	7.573	7.281	7.233	6.546	6.541	6.641	7.187	6.842	7.099	100037258	DNAJC3	NM_008929_14_+1
Prm2	-4.981	-4.981	-4.015	-2.339	-4.984	-4.984	-4.952	-4.967	-4.981	-4.981	19119	NA	NM_008933_16_-1
Prom1	-3.189	-4.981	-4.981	-4.977	-4.977	-4.981	-4.856	-1.983	-1.122	-4.973	19126	PROM1	NM_008935_5_-1
Prox1	-4.981	-4.981	-4.981	-4.981	-4.913	-4.159	-3.537	-3.598	-4.394	-3.386	19130	PROX1	NM_008937_1_-1
Prss12	-4.981	-4.981	-4.979	-2.567	-4.633	-4.064	-3.993	-2.151	-3.204	-3.510	19142	PRSS12	NM_008939_3_+1
Klk8	-0.340	0.142	2.141	3.612	3.207	4.396	2.039	2.840	-0.279	-0.483	259277	KLK8	NM_008940_7_+1
Npepps	4.046	4.109	4.655	5.116	4.563	4.882	4.351	4.525	4.465	5.115	19155	NPEPPS	NM_008942_11_-1
Psen1	6.463	6.447	6.784	6.750	6.343	6.382	6.597	6.836	7.759	7.654	19164	PSEN1	NM_008943_12_+1
PsmA2	9.101	9.190	8.573	8.580	8.396	8.297	8.320	8.267	7.793	7.475	19166	PSMA2	NM_008944_13_+1
PsmB4	8.193	8.146	7.921	7.939	7.524	7.618	7.459	7.479	7.082	6.771	19172	PSMB4	NM_008945_3_-1
PsmB6	8.741	8.696	8.146	8.180	8.029	7.920	8.077	8.026	7.361	7.057	19175	PSMB6	NM_008946_11_+1
Psmc1	6.855	6.651	6.732	7.181	6.672	6.802	6.652	6.946	6.620	6.599	19179	PSMC1	NM_008947_12_+1
Psmc3	7.785	7.683	7.484	7.744	7.337	7.269	7.317	7.415	7.026	6.837	19182	PSMC3	NM_008948_2_+1
Psmc3ip	3.360	5.719	2.270	4.346	3.184	4.360	2.711	3.908	0.176	3.241	19183	PSMC3IP	NM_008949_11_-1
Psmc5	7.222	7.379	7.009	7.225	7.148	6.997	6.764	6.796	6.258	6.122	19184	PSMC5	NM_008950_11_+1
PsmD4	6.903	6.991	6.790	6.819	6.961	6.807	6.757	6.609	6.412	6.099	19185	PSMD4	NM_008951_3_-1
Pspn	-2.925	-4.981	-4.641	-4.051	-4.427	-4.968	-4.765	-4.932	-3.925	-4.981	19197	PSPN	NM_008954_17_-1
Ptbp1	6.082	6.161	6.380	6.414	6.593	6.274	6.314	6.080	6.222	5.708	19205	PTBP1	NM_008956_10_+1
Ptch1	2.122	2.157	1.110	0.681	2.325	2.044	0.714	0.630	-0.231	0.982	19206	PTCH1	NM_008957_13_-1
Ptdss1	5.498	5.571	6.366	6.167	5.331	5.315	5.317	5.632	5.904	5.915	19210	PTDSS1	NM_008959_13_+1
Pten	6.377	6.703	7.037	6.971	7.357	7.046	7.420	7.252	7.398	7.997	19211	PTEN	NM_008960_19_+1
Pter	-4.458	-1.218	1.140	1.630	-0.370	-0.539	-0.463	0.427	0.178	1.031	19212	PTER	NM_008961_2_+1
Ptgds	2.871	3.921	-4.981	-4.981	-4.981	-4.981	-4.899	-4.851	-4.981	-4.981	19215	PTGDS	NM_008963_2_-1

Ptger2	-1.818	-4.981	2.977	2.941	-1.683	0.622	0.057	0.948	3.679	3.455	19217	PTGER2	NM_008964_14_+_1
Ptger4	5.310	5.447	5.021	5.081	4.702	4.685	4.956	5.251	5.451	5.453	19219	PTGER4	NM_008965_15_+_1
Ptgfr	-4.981	-4.981	-4.240	-4.542	-4.974	-4.974	-4.829	-4.753	-4.394	-4.316	19220	PTGFR	NM_008966_3_+_1
Ptgir	-3.563	-4.981	0.642	0.156	-2.500	-2.986	3.009	3.035	6.099	5.808	19222	PTGIR	NM_008967_7_+_1
Ptgis	0.500	-4.981	6.060	5.621	-0.246	-3.711	-0.638	-1.041	-1.215	-4.981	19223	PTGIS	NM_008968_2_+_1
Ptgs1	2.522	-0.742	1.994	2.419	2.799	2.090	2.557	3.622	4.182	4.446	19224	PTGS1	NM_008969_2_+_1
Twf1	4.383	4.691	4.736	5.253	4.226	4.666	4.572	4.781	4.874	5.547	19230	TWF1	NM_008971_15_+_1
Ptma	10.395	10.209	10.466	10.401	10.556	10.380	10.303	10.235	9.029	8.927	19231	NA	NM_008972_1_+_1
Ptn	-3.090	-1.314	-4.821	-4.973	-4.978	-4.978	-4.981	-4.981	-4.981	-4.981	19242	PTN	NM_008973_6_+_1
Ptp4a2	7.443	5.812	8.105	7.217	8.338	7.004	8.299	7.597	8.154	7.820	19244	PTP4A2	NM_008974_4_+_1
Ptp4a3	7.691	7.417	4.544	4.536	6.124	7.093	5.015	5.713	2.551	1.844	19245	PTP4A3	NM_008975_15_+_1
Ptpn14	-3.349	-1.340	-2.564	-0.821	-0.036	-0.746	-3.098	-0.183	-2.780	-1.331	19250	PTPN14	NM_008976_1_+_1
Ptpn2	6.727	6.792	6.322	6.366	6.281	6.408	6.117	6.132	5.492	5.635	19255	PTPN2	NM_008977_18_+_1
Ptpn22	2.115	0.645	6.228	5.853	7.412	7.345	6.957	6.342	6.962	6.400	19260	PTPN22	NM_008979_3_+_1
Ptpra	-4.275	-3.998	-3.275	-2.969	-2.773	-3.761	-2.710	-3.242	-1.013	-2.091	19262	PTPRA	NM_008980_2_+_1
Ptprj	5.814	5.753	5.801	5.826	6.381	6.485	6.603	6.655	7.536	7.771	19271	PTPRJ	NM_008982_2_+_1
Ptprk	-4.981	-4.981	-4.637	-2.713	-4.948	-1.050	-4.906	-0.637	-4.981	-0.734	19272	PTPRK	NM_008983_10_+_1
Ptprm	-1.381	-4.981	-2.461	0.090	-0.136	-0.615	-1.017	0.464	-1.971	-1.420	19274	PTPRM	NM_008984_17_+_1
Ptprn	-1.253	-2.126	-4.759	-3.042	-3.680	-4.011	-4.692	-4.319	-3.043	-4.316	19275	PTPRN	NM_008985_1_+_1
Ptprf	-2.948	-4.981	-2.128	-1.756	-4.321	-3.116	-3.009	-2.798	-1.616	-2.605	19285	PTPRF	NM_008986_11_+_1
Pura	3.847	3.784	4.178	4.005	4.269	4.068	4.082	3.755	3.619	3.201	19290	PURA	NM_008989_18_+_1
Nectin2	-4.981	-2.437	-1.248	-4.336	-0.876	-3.179	-1.888	-4.756	0.163	-4.981	19294	NECTIN2	NM_008990_7_+_1
Abcd3	3.782	4.089	3.845	4.561	3.549	4.019	3.285	4.080	4.494	4.888	19299	ABCD3	NM_008991_3_+_1
Abcd4	2.614	3.042	2.615	2.892	2.481	2.884	2.829	3.055	3.294	3.514	19300	ABCD4	NM_008992_12_+_1
Pxmp2	-0.373	-2.883	0.652	1.042	0.718	1.020	0.097	0.625	0.331	-0.316	19301	PXMP2	NM_008993_5_+_1
Pex2	2.705	1.787	0.764	1.303	0.903	1.659	1.349	0.894	1.053	2.095	19302	PEX2	NM_008994_3_+_1
Pex5	-1.526	0.980	0.706	1.338	-1.171	-1.835	-0.990	0.038	0.363	1.171	19305	PEX5	NM_008995_6_+_1
Rab1a	7.231	7.300	7.338	7.409	7.049	6.933	7.347	7.497	7.853	8.073	19324	RAB1A	NM_008996_11_+_1
Rab11b	7.252	7.348	7.429	7.303	7.180	7.063	7.472	7.495	7.801	7.596	19326	RAB11B	NM_008997_17_+_1
Rab17	-4.894	-4.852	-4.960	-4.960	-4.513	-2.146	-4.974	-4.963	-4.981	-4.973	19329	RAB17	NM_008998_1_+_1
Rab23	0.680	0.959	1.284	1.519	1.441	1.092	1.127	-0.059	1.072	0.356	19335	RAB23	NM_008999_1_+_1
Rab24	8.027	8.078	5.540	5.701	7.201	7.450	6.553	6.727	6.775	6.765	19336	RAB24	NM_009000_13_+_1
Rab3a	2.958	2.867	2.094	1.781	1.475	1.609	1.896	1.976	1.804	2.329	19339	RAB3A	NM_009001_8_+_1
Rab4a	0.987	2.009	-0.839	1.206	-0.094	1.023	0.428	1.072	-1.256	0.647	19341	RAB4A	NM_009003_8_+_1
Kif20a	-0.841	0.179	3.296	3.941	3.819	3.174	2.894	2.798	2.033	1.887	19348	KIF20A	NM_009004_18_+_1
Rab7	7.999	8.027	8.486	8.540	8.012	7.990	8.250	8.363	8.897	8.783	19349	RAB7A	NM_009005_6_+_1
Map4k2	5.315	5.544	4.411	4.227	4.834	4.639	4.419	4.820	5.254	5.131	26412	MAP4K2	NM_009006_19_+_1
Rac1	8.090	8.256	9.095	9.228	9.987	9.085	9.071	9.374	9.929	10.130	19353	RAC1	NM_009007_5_+_1
Rac2	10.896	10.998	8.155	8.480	9.633	9.646	9.077	9.391	9.620	9.466	19354	RAC2	NM_009008_15_+_1
Rad21	4.912	5.382	4.899	4.957	5.227	5.131	5.411	4.966	4.838	4.938	19357	RAD21	NM_009009_15_+_1
Rad23a	4.680	4.398	4.985	4.547	5.298	4.762	4.795	4.239	4.886	3.909	19358	RAD23A	NM_009010_8_+_1
Rad23b	4.307	3.778	5.255	5.039	4.948	4.253	5.210	4.589	5.008	4.535	19359	RAD23B	NM_009011_4_+_1
Rad50	4.995	5.241	5.773	5.677	5.954	5.889	5.594	5.145	4.187	4.053	19360	RAD50	NM_009012_11_+_1
Rad51ap1	2.403	1.762	2.400	2.232	3.233	2.568	2.603	1.978	1.396	-0.282	19362	RAD51AP1	NM_009013_6_+_1
Rad51b	4.937	5.870	1.747	2.151	1.159	0.359	0.369	0.791	-1.840	-0.332	19363	RAD51B	NM_009014_12_+_1
Rad54l	-4.813	-2.449	1.467	0.987	2.387	1.827	0.658	-0.194	0.254	-0.749	19366	RAD54L	NM_009015_4_+_1
Raet1a	-4.981	-4.981	-4.333	-4.979	-3.551	-4.442	-4.981	-4.981	-2.647	-4.981	19368	NA	NM_009016_10_+_1
Raet1b	-4.981	-4.981	-4.953	-4.358	-2.846	-3.442	-4.378	-3.707	-4.981	-2.649	19369	NA	NM_009017_10_+_1
Raet1c	-4.981	-3.145	-4.885	-3.891	-4.968	-4.377	-3.599	-4.028	-2.918	-2.610	19370	NA	NM_009018_10_+_1
Rag1	-1.017	-2.681	-4.881	-4.981	-4.981	-4.981	-4.883	-4.978	-4.981	-4.981	19373	RAG1	NM_009019_2_+_1
Rai1	4.295	3.605	2.913	2.745	3.315	3.223	2.777	3.042	3.330	3.447	19377	RAI1	NM_009021_11_+_1
Aldh1a2	-3.843	-4.981	2.160	3.937	2.916	3.131	2.531	1.888	-1.483	-0.826	19378	ALDH1A2	NM_009022_9_+_1
Rapsn	-1.922	-2.349	-3.165	-2.606	-1.611	-2.980	-0.591	-1.871	-0.994	-4.981	19400	RAPSN	NM_009023_2_+_1
Rara	3.762	3.060	2.249	2.794	3.244	2.335	4.457	4.585	6.632	6.339	19401	RARA	NM_009024_11_+_1
Rasa3	5.680	5.832	5.376	5.401	3.383	2.826	6.386	6.893	8.876	8.618	19414	RASA3	NM_009025_8_+_1
Rasd1	-2.092	-4.981	0.401	0.105	-2.180	-2.297	-1.437	-0.633	-3.189	-1.900	19416	RASD1	NM_009026_11_+_1
Rasgrf2	-0.009	0.267	-0.495	-0.425	2.380	2.014	2.233	1.939	1.856	2.854	19418	RASGRF2	NM_009027_13_+_1
Rasl2-9	3.838	3.468	1.705	1.757	1.242	1.107	0.396	-0.618	0.123	-0.103	19428	NA	NM_009028_7_+_1
Rb1	4.752	5.162	5.276	5.655	6.210	6.318	6.211	6.304	6.672	7.186	19645	RB1	NM_009029_14_+_1
Rbbp4	7.707	7.788	7.825	7.980	8.106	7.998	7.662	7.848	7.438	7.589	19646	RBBP4	NM_009030_4_+_1
Rbbp7	7.277	7.201	8.629	8.832	8.497	8.308	7.833	7.568	5.622	5.570	245688	RBBP7	NM_009031_X_+_1
Rbm4	3.192	3.963	3.607	3.912	3.133	3.154	2.450	3.048	3.121	3.046	19653	RBM4	NM_009032_19_+_1
Rbmx1	5.566	5.497	5.714	5.814	5.645	5.563	5.281	5.546	4.958	5.004	19656	NA	NM_009033_8_+_1
Rbpj	1.285	1.060	5.071	4.564	4.301	3.495	4.555	3.831	4.368	2.793	19664	RBPJ	NM_009035_5_+_1
Rcn1	4.186	4.233	2.994	3.133	3.767	3.974	3.107	2.853	1.225	0.664	19672	RCN1	NM_009037_2_+_1
Rcvrn	-2.948	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-3.925	-3.386	19674	RCVRN	NM_009038_11_+_1
Rdx	3.454	0.638	2.683	1.802	1.694	1.002	3.789	2.991	4.477	4.199	19684	RDX	NM_009041_9_+_1
Rel	4.324	4.298	5.402	5.099	6.708	6.816	5.984	5.512	4.816	5.187	19696	REL	NM_009044_11_+_1
Rela	6.316	6.254	6.476	6.560	6.832	6.730	6.875	6.849	7.294	7.177	19697	RELA	NM_009045_19_+_1
Relb	2.588	0.521	2.620	3.248	5.189	5.078	4.701	3.606	1.466	3.035	19698	RELB	NM_009046_7_+_1
Rem1	0.448	0.638	2.309	2.307	4.377	4.222	3.710	2.619	3.387	2.815	19700	REM1	NM_009047_2_+_1
Reps1	3.718	3.289	4.062	3.968	4.310	3.841	4.010	4.205	4.400	3.945	19707	REPS1	NM_009048_10_+_1
Ret	-4.981	-1.816	-4.258	-4.950	-4.962	-4.648	-4.981	-4.981	-4.981	-4.981	19713	RET	NM_009050_6_+_1
Bex1	-3.563	-0.544	-4.958	-3.374	-2.386	-2.248	-4.914	-2.383	-4.981	-2.969	19716	NA	NM_009052_X_+_1

Rfng	3.710	3.606	4.187	4.194	4.003	4.014	3.875	4.127	4.735	4.657	19719	RFNG	NM_009053_11_-1
Trim27	5.818	6.047	6.254	6.438	6.118	6.213	6.107	6.162	5.742	5.521	19720	TRIM27	NM_009054_13_+1
Rfx1	2.568	2.588	2.724	2.781	2.960	2.740	2.985	3.425	4.559	4.525	19724	RFX1	NM_009055_8_+1
Rfx2	1.909	1.795	-1.913	-0.599	-0.814	-0.079	1.890	2.001	5.068	4.816	19725	RFX2	NM_009056_17_-1
Slc50a1	7.530	7.546	5.890	5.759	6.284	6.430	6.298	6.281	5.598	5.106	19729	SLC50A1	NM_009057_3_-1
Ralgds	-2.825	1.160	-2.625	-0.897	-2.048	-0.865	-1.319	-1.719	-0.635	-0.764	19730	RALGDS	NM_009058_2_+1
Rgl2	2.409	2.364	3.721	3.627	3.965	3.972	3.728	3.651	4.377	4.454	19732	RGL2	NM_009059_17_+1
Rgs2	8.924	9.430	10.100	9.843	11.587	11.692	10.861	10.373	9.838	9.763	19735	RGS2	NM_009061_1_-1
Rgs4	-4.981	-4.981	-4.897	-4.383	-4.909	-3.498	-4.008	-3.257	-4.981	-4.981	19736	RGS4	NM_009062_1_-1
Ring1	3.957	3.738	3.708	3.773	4.152	4.169	4.028	3.726	3.377	3.257	19763	RING1	NM_009066_17_-1
Ralbp1	3.581	3.948	2.312	2.210	3.121	2.664	3.157	2.867	2.493	2.555	19765	RALBP1	NM_009067_17_-1
Ripk1	5.422	5.323	6.249	6.154	5.457	5.452	5.981	6.039	6.813	6.857	19766	RIPK1	NM_009068_13_+1
Rit1	5.730	5.850	5.871	5.885	5.579	5.608	5.774	5.615	5.985	5.727	19769	RIT1	NM_009069_3_+1
Rnps1	4.171	4.040	3.725	4.067	3.955	4.047	3.962	4.116	3.454	3.423	19826	RNPS1	NM_009070_17_+1
Rock1	6.999	6.931	6.910	6.696	7.039	6.940	6.983	6.785	6.556	7.112	19877	ROCK1	NM_009071_18_-1
Rock2	5.100	5.800	5.845	6.165	5.960	6.251	5.790	6.233	6.010	6.827	19878	ROCK2	NM_009072_12_+1
Rom1	2.244	1.444	1.358	0.709	1.554	1.152	0.738	1.753	1.548	0.813	19881	ROM1	NM_009073_19_-1
Mst1r	-4.981	-4.981	-4.981	-4.981	-4.484	-4.743	-4.974	-4.974	1.126	-0.537	19882	MST1R	NM_009074_9_+1
Rpia	2.796	2.138	2.005	0.972	1.353	0.700	2.006	1.269	1.091	1.033	19895	RPIA	NM_009075_6_-1
Rpl12	8.140	8.167	8.320	8.347	8.069	8.120	8.340	8.221	6.300	6.252	269261	RPL12	NM_009076_2_+1
Rpl18	9.182	8.946	9.341	9.319	9.276	9.130	9.542	9.339	8.514	8.179	19899	RPL18	NM_009077_7_+1
Rpl19	10.198	10.122	10.134	10.123	9.980	9.870	10.038	9.852	8.978	8.778	19921	RPL19	NM_009078_11_+1
Rpl22	7.106	6.928	7.757	7.696	7.578	7.475	7.782	7.436	6.349	6.225	19934	RPL22	NM_009079_4_+1
Rpl26	6.987	7.230	6.661	6.957	6.532	6.394	6.996	6.696	5.217	5.376	19941	RPL26	NM_009080_11_+1
Rpl28	7.896	7.757	8.417	8.373	7.818	7.774	8.236	8.205	7.228	7.093	19943	RPL28	NM_009081_7_+1
Rpl29	8.424	4.899	8.114	5.094	8.193	5.066	8.319	5.056	7.317	4.141	19944	NA	NM_009082_9_+1
Rpl30	5.313	5.441	4.755	4.565	4.427	4.467	4.701	4.372	2.852	2.323	19946	RPL30	NM_009083_15_-1
Rpl37a	9.846	9.523	10.233	9.981	10.264	9.780	10.551	10.029	9.466	8.972	19981	RPL37A	NM_009084_1_+1
Polr1c	5.583	5.185	4.924	4.767	4.610	4.447	4.746	4.315	3.939	3.529	20016	POLR1C	NM_009085_17_-1
Polr1b	2.346	1.466	3.377	2.578	2.853	2.351	3.299	2.812	3.375	2.833	20017	POLR1B	NM_009086_2_+1
Polr1d	6.442	6.482	6.263	6.223	5.582	5.648	5.908	5.881	4.852	4.907	20018	POLR1D	NM_009087_5_+1
Polr1a	2.452	2.599	5.877	4.833	4.552	4.185	4.228	3.738	4.146	3.317	20019	POLR1A	NM_009088_6_+1
Polr2c	7.151	6.923	6.344	6.258	6.426	6.242	6.326	6.248	6.110	5.902	20021	POLR2C	NM_009090_8_+1
Rps15	8.020	8.112	8.422	8.392	8.266	8.218	8.657	8.423	7.183	6.949	20054	RPS15	NM_009091_10_+1
Rps17	8.642	8.679	8.813	8.862	8.294	8.522	8.652	8.724	7.547	7.593	20068	RPS17	NM_009092_7_-1
Rps29	9.196	9.109	10.376	10.223	9.815	9.804	10.026	9.940	8.958	8.861	20090	RPS29	NM_009093_12_-1
Rps4x	9.482	9.510	9.515	9.526	9.190	9.184	9.346	9.335	8.332	8.195	20102	RPS4Y1	NM_009094_X_-1
Rps5	9.240	9.149	9.627	9.551	9.295	9.128	9.414	9.292	8.399	8.158	20103	RPS5	NM_009095_7_+1
Rps6	9.983	8.850	10.441	10.436	10.074	9.913	10.104	9.969	9.166	8.996	20104	RPS6	NM_009096_4_-1
Rps6ka1	7.306	7.447	3.443	4.083	3.992	3.511	3.687	3.684	3.961	3.940	20111	RPS6KA1	NM_009097_4_-1
Rps8	9.119	9.036	9.211	9.185	8.951	8.876	9.294	9.208	7.821	7.679	20116	RPS8	NM_009098_4_-1
Trim30a	8.060	7.896	7.840	7.312	6.768	5.793	7.038	6.674	7.382	7.654	20128	NA	NM_009099_7_-1
Rras	4.904	4.819	4.835	4.836	5.066	4.981	6.570	6.663	7.377	7.295	20130	RRAS	NM_009101_7_+1
Rrm1	5.253	4.774	5.217	5.396	5.914	5.638	5.502	5.657	4.456	4.140	20133	RRM1	NM_009103_7_+1
Rrm2	0.826	2.012	4.855	5.646	5.942	5.679	5.132	5.558	4.280	3.248	20135	RRM2	NM_009104_12_+1
Rsu1	6.851	6.891	7.155	7.173	7.178	7.142	7.189	7.181	7.508	7.431	20163	RSU1	NM_009105_2_-1
Rtkn	-4.981	-4.981	-4.888	-4.955	-4.975	-4.981	-4.969	-4.977	-4.860	-4.966	20166	RTKN	NM_009106_6_+1
Nr1h4	-2.565	1.133	-4.981	-4.981	-4.981	-4.976	-4.972	-4.962	-4.981	-4.981	20186	NR1H4	NM_009108_10_-1
Ryr1	4.629	4.537	4.201	4.187	4.413	4.790	4.206	3.644	2.785	2.468	20190	RYR1	NM_009109_7_-1
S100a10	7.342	7.329	3.993	6.238	6.039	7.022	7.050	8.094	7.955	8.622	20194	S100A10	NM_009112_3_+1
S100a13	6.551	6.395	5.613	5.382	5.097	4.899	5.810	5.752	5.803	5.538	20196	S100A13	NM_009113_3_+1
S100a9	-4.923	-1.576	-2.998	3.067	-1.305	5.016	1.527	6.128	7.620	0.913	20202	S100A9	NM_009114_3_-1
S100b	-3.563	-4.981	-4.492	-3.814	-4.804	-4.967	-4.457	-4.968	-4.981	-4.981	20203	S100B	NM_009115_10_+1
Sag	-0.915	-0.511	-1.984	-2.934	-0.773	-1.848	-1.442	-3.446	-0.775	-2.343	20215	SAG	NM_009118_1_+1
Sap18	5.130	5.107	4.520	4.286	4.657	4.488	4.832	4.720	4.781	4.570	20220	SAP18	NM_009119_14_+1
Sar1a	7.045	7.103	7.248	7.355	6.972	7.137	6.974	7.175	7.110	7.199	20224	SAR1A	NM_009120_10_+1
Sat1	8.651	8.900	10.118	9.782	10.958	10.819	10.921	10.895	10.682	10.948	20229	SAT1	NM_009121_X_-1
Satb1	3.412	2.924	3.527	3.761	4.850	4.650	4.030	4.013	-3.529	0.776	20230	SATB1	NM_009122_17_-1
Nkx1-2	-4.981	-4.981	-4.890	-4.890	-1.560	-2.889	-4.975	-4.966	-4.981	-4.981	20231	NKX1-2	NM_009123_7_-1
Atxn1	-4.981	-3.025	0.618	1.839	-3.373	-1.345	-2.479	-1.317	0.131	0.162	20238	ATXN1	NM_009124_13_-1
Atxn2	4.175	4.574	4.193	4.192	4.536	4.698	4.323	4.039	4.470	4.669	20239	ATXN2	NM_009125_5_+1
Scd1	0.225	-2.018	3.186	3.906	1.096	3.265	2.486	5.199	0.347	1.223	20249	SCD	NM_009127_19_-1
Scd2	5.639	5.310	5.820	6.576	5.731	5.902	5.801	6.235	5.425	5.683	20250	NA	NM_009128_19_+1
Scg3	-4.981	-4.981	-4.981	-4.981	-4.772	-4.880	-4.967	-4.934	-4.981	-4.981	20255	SCG3	NM_009130_9_-1
Clec11a	3.356	2.754	0.653	1.047	0.327	0.886	0.535	-0.132	-0.185	-1.530	20256	CLEC11A	NM_009131_7_-1
Scin	-4.981	-4.594	-0.129	-2.584	-0.399	-2.733	-2.547	-4.382	-4.981	-4.981	20259	SCIN	NM_009132_12_-1
Scrg1	-4.981	-4.981	-4.248	-4.950	-3.917	-4.362	-4.991	-4.653	0.636	-1.829	20284	SCRG1	NM_009136_8_+1
Ccl22	0.971	-0.666	6.691	7.124	2.823	2.160	5.349	3.870	-1.871	-3.855	20299	CCL22	NM_009137_8_+1
Ccl25	1.581	2.186	0.183	0.461	0.326	-0.864	-0.351	-0.032	-0.201	0.505	20300	CCL25	NM_009138_8_+1
Ccl6	5.516	5.895	6.975	6.638	5.372	5.354	9.647	9.823	11.402	10.950	20305	NA	NM_009139_11_-1
Cxcl2	-1.818	-4.981	0.112	1.001	0.443	1.421	2.647	4.340	2.993	4.881	20310	CXCL3	NM_009140_5_+1
Cxcl5	-4.981	-4.981	-2.896	-2.134	-4.865	-4.655	-4.884	-4.967	-4.981	-4.981	20311	CXCL6	NM_009141_5_+1
Cx3cl1	-4.981	-4.981	0.934	-0.017	-3.138	-2.108	0.338	-0.484	-4.981	-4.981	20312	CX3CL1	NM_009142_8_+1
Sdf2	7.083	7.256	6.292	6.201	5.721	5.861	5.534	5.824	5.504	5.714	20316	SDF2	NM_009143_11_+1

Nptn	9.058	9.534	8.137	8.029	7.657	7.832	7.953	7.990	7.807	8.166	20320	NA	NM_009145_9_+1
Frrs1	4.409	3.309	3.599	3.345	4.296	3.547	5.160	4.932	6.271	6.314	20321	FRRS1	NM_009146_3_+1
Sec23a	3.986	3.812	4.238	4.375	3.600	3.593	3.686	3.955	4.929	5.150	20334	SEC23A	NM_009147_12_-1
Exoc4	4.451	4.777	4.590	4.701	4.935	5.117	4.618	4.457	4.856	4.982	20336	EXOC4	NM_009148_6_+1
Glgl1	4.816	5.283	5.913	5.847	5.971	5.993	5.671	5.787	6.545	6.572	20340	GLG1	NM_009149_8_-1
Selenbp1	-0.956	0.378	0.814	2.196	2.085	2.557	3.521	4.099	5.541	5.360	20341	SELENP1	NM_009150_3_+1
Selplg	10.259	10.323	9.333	9.516	8.971	8.939	9.339	9.304	9.664	9.517	20345	SEPLG	NM_009151_5_-1
Sema3b	-4.981	-0.946	-4.859	-3.583	-4.890	-0.350	-4.973	-3.322	-4.336	-4.981	20347	SEMA3B	NM_009153_9_-1
Sema5a	-0.001	1.802	-4.978	-4.978	-4.504	-3.285	-3.575	-0.847	-4.190	-4.981	20356	SEMA5A	NM_009154_15_+1
Sepp1	7.714	7.531	5.668	5.504	5.644	5.292	7.443	8.749	9.156	9.881	20363	SELENOP	NM_009155_15_+1
Sepw1	7.900	7.659	7.304	6.695	6.956	6.568	6.992	6.855	6.786	5.853	20364	SELENOW	NM_009156_7_-1
Map2k4	4.629	4.801	6.216	6.136	5.442	5.378	5.333	5.484	6.007	5.972	26398	MAP2K4	NM_009157_11_-1
Mapk10	-3.938	-3.565	-4.427	-3.555	-4.965	-4.904	-4.988	-3.038	-4.981	-4.981	26414	MAPK10	NM_009158_5_-1
Srsf5	7.309	7.596	6.716	6.714	6.792	7.154	6.408	6.612	6.612	6.583	20384	NA	NM_009159_12_+1
Sgca	-4.981	-4.981	-3.157	-1.318	-4.801	-4.978	-4.962	-4.972	-4.981	-4.316	20391	SGCA	NM_009161_11_-1
Scg5	-4.981	-4.981	-4.785	-3.486	-4.984	-2.256	-4.491	-0.794	-4.981	-3.233	20394	SCG5	NM_009162_2_-1
Sgpl1	5.796	5.532	7.295	7.304	7.203	7.116	7.547	7.383	7.933	8.394	20397	SGPL1	NM_009163_10_-1
Sh3bp1	3.514	3.022	7.386	7.582	7.405	7.213	6.856	6.835	6.883	7.229	20401	SH3BP1	NM_009164_15_+1
Sorbs1	0.371	-2.223	-2.761	-1.284	-1.003	-1.108	0.495	-1.947	-1.129	-0.935	20411	SORBS1	NM_009166_19_-1
Shd	-4.981	-2.441	-3.878	-4.632	-4.831	-4.808	-4.685	-4.911	-4.169	-3.893	20420	SHD	NM_009168_17_+1
Shfm1	8.315	8.189	8.475	8.277	8.139	8.076	8.524	8.344	8.501	8.298	20422	SJHFM1	NM_009169_6_-1
Shmt1	0.837	0.612	1.477	2.230	2.704	2.560	1.750	2.395	-0.301	-1.220	20425	SHMT1	NM_009171_11_-1
Siah1a	4.891	4.505	4.109	3.938	4.442	4.327	4.362	4.378	4.595	4.601	20437	SIAH1	NM_009172_8_-1
Siah1b	-4.139	-3.941	-1.990	-0.926	-1.373	-1.479	-4.266	-4.871	-4.390	-4.769	20438	NA	NM_009173_X_-1
Siah2	7.048	6.697	5.643	5.650	5.203	5.163	5.510	5.751	5.970	5.970	20439	SIAH2	NM_009174_3_-1
St3gal3	2.064	1.861	2.674	2.586	1.787	2.585	1.423	1.279	1.425	1.954	20441	ST3GAL3	NM_009176_4_-1
St3gal1	4.905	4.936	4.742	4.535	4.497	4.620	5.077	5.126	4.991	5.538	20442	ST3GAL1	NM_009177_15_-1
St3gal4	6.404	6.856	6.835	7.036	7.237	7.748	7.277	7.679	7.508	8.016	20443	ST3GAL4	NM_009178_9_-1
St3gal2	2.220	2.181	3.424	3.786	5.143	5.109	4.900	4.999	6.187	6.011	20444	ST3GAL2	NM_009179_8_+1
St6galnac2	-0.040	4.602	0.227	3.469	0.328	7.797	0.093	7.324	-2.953	4.572	20446	ST6GALNAC2	NM_009180_11_-1
St8sia3	-4.981	-4.981	-4.482	-4.730	-1.488	1.668	-4.981	-4.981	-4.981	-4.981	20451	ST8SIA3	NM_009182_18_+1
St8sia4	7.929	8.168	7.379	7.366	6.256	6.482	6.675	7.132	7.714	8.697	20452	ST8SIA4	NM_009183_1_-1
Ptk6	-2.647	-4.685	-2.407	-4.965	0.643	0.131	-3.731	-3.649	-1.173	-4.981	20459	PTK6	NM_009184_2_-1
Stil	-4.981	-4.873	-0.597	-1.318	0.988	-1.692	0.304	0.848	0.273	-1.103	20460	STIL	NM_009185_4_+1
Tra2b	7.657	7.920	7.777	7.854	7.780	7.699	7.451	7.533	6.751	7.192	20462	Tra2B	NM_009186_16_-1
Cox7a2l	7.765	7.241	8.075	7.674	7.885	7.580	7.811	7.187	7.236	6.777	20463	COX7A2L	NM_009187_17_-1
Sin3b	2.901	2.742	3.647	3.672	3.707	3.614	3.605	3.308	4.164	4.185	20467	SIN3B	NM_009188_8_+1
Six1	-4.981	-4.981	-4.976	-4.426	-2.611	-4.512	-4.275	-4.877	-4.981	-3.758	20471	SIX1	NM_009189_12_-1
Vps4b	6.693	6.831	6.921	6.916	6.986	7.081	7.094	7.020	7.027	7.242	20479	VPS4B	NM_009190_1_-1
Clpb	4.856	4.856	3.573	4.083	4.744	4.903	3.928	4.296	3.499	3.747	20480	CLPB	NM_009191_7_+1
Slc1a5	6.432	6.206	7.741	7.790	8.344	8.308	7.975	8.181	8.929	8.870	20491	SLA	NM_009192_15_-1
Slbp	6.505	6.951	6.634	6.758	7.132	6.981	6.882	6.933	6.025	6.315	20492	SLBP	NM_009193_5_-1
Slc12a2	1.576	1.158	4.904	4.678	6.875	6.616	6.420	6.928	4.525	6.085	20496	SLC12A2	NM_009194_18_+1
Slc12a4	3.071	3.137	1.820	1.608	2.298	2.110	2.560	2.984	4.309	4.421	20498	SLC12A4	NM_009195_8_-1
Slc16a1	-0.342	1.224	2.664	3.677	0.775	2.941	2.066	3.865	1.930	2.141	20501	SLC16A1	NM_009196_3_+1
Slc16a2	-4.981	-4.981	1.146	1.484	-2.925	-3.846	-3.689	-1.641	-4.981	-4.981	20502	SLC16A2	NM_009197_X_-1
Slc1a1	-4.981	-4.981	-4.936	-4.936	-4.412	-2.894	-3.181	-3.189	-4.981	-4.981	20510	SLC1A1	NM_009199_19_+1
Slc1a5	5.746	4.587	7.061	5.848	6.673	5.415	6.575	5.789	6.582	5.354	20514	SLC1A5	NM_009201_7_+1
Slc22a12	3.252	3.244	-4.966	-4.966	-4.960	-4.933	-4.978	-4.941	-4.981	-4.981	20521	SLC22A12	NM_009203_19_-1
Slc2a4	-4.981	-2.583	-3.387	-2.119	-3.418	-1.154	-2.869	-1.154	-4.981	-2.207	20528	SLC2A4	NM_009204_11_-1
Slc3a1	-4.981	-4.981	-2.775	-3.020	-4.011	-2.991	-4.704	-4.861	-4.981	-4.981	20532	SLC3A1	NM_009205_17_+1
Slc4a1ap	4.287	4.490	4.746	4.736	5.173	5.188	4.817	4.738	4.292	4.256	20534	SLC4A1AP	NM_009206_5_+1
Slc4a2	1.930	1.733	2.361	1.496	2.109	1.858	1.275	0.783	1.538	2.682	20535	SLC4A2	NM_009207_5_+1
Slc4a3	-3.189	-0.154	-4.834	-2.058	-3.491	-2.484	-3.047	-2.439	-3.109	-1.845	20536	SLC4A3	NM_009208_1_+1
Slc6a2	-3.563	-4.981	-4.062	-4.402	-4.291	-4.819	-4.099	-4.766	-4.190	-4.981	20538	SLC6A2	NM_009209_8_+1
Hltf	3.979	4.089	5.797	5.639	5.430	5.912	5.764	5.921	5.596	6.469	20585	HILTF	NM_009210_3_+1
Smarcc1	4.593	4.552	5.741	5.735	5.217	5.155	4.715	5.148	4.715	4.989	20588	SMARCC1	NM_009211_9_+1
Ighmbp2	2.867	2.863	2.843	2.700	2.913	3.030	3.113	2.659	2.959	2.760	20589	IGHMBP2	NM_009212_19_-1
Smpd2	3.991	4.075	3.403	3.228	4.510	4.500	4.572	4.486	4.837	4.437	20598	SMPD2	NM_009213_10_-1
Sms	7.746	8.097	6.002	6.063	6.118	6.029	5.643	5.448	4.302	4.270	20603	SMS	NM_009214_X_-1
Sstr2	-3.075	-1.724	-4.374	-4.956	-4.976	-4.976	-4.977	-4.327	-4.981	-4.981	20606	SSTR2	NM_009217_11_+1
Sstr4	-4.981	-4.981	-1.834	-1.748	-4.287	-4.003	-0.774	-2.350	0.386	-0.364	20608	SSTR4	NM_009219_2_+1
Snca	0.212	2.150	-0.031	1.662	-0.487	1.201	-1.678	0.446	-1.739	0.585	20617	SNCA	NM_009221_6_-1
Snap23	5.486	4.669	6.912	6.691	6.106	5.511	6.460	6.332	6.659	6.970	20619	SNAP23	NM_009222_2_+1
Snn	5.120	4.915	3.689	3.839	3.907	4.388	2.532	2.850	-0.978	-0.722	20621	SNN	NM_009223_16_+1
Snrnp70	6.089	5.960	6.015	6.175	6.396	6.350	5.913	5.756	4.858	4.505	20637	SNRNP70	NM_009224_7_-1
Snrpb	9.056	9.067	8.474	8.526	8.766	8.664	8.582	8.722	8.760	8.444	20638	SNRPB	NM_009225_2_-1
Snrpd1	6.840	6.794	6.631	6.625	6.722	6.597	6.677	6.257	4.552	4.427	20641	SNRPD1	NM_009226_18_+1
Snrpe	7.527	7.308	7.417	7.359	7.219	7.048	7.520	7.148	5.889	6.046	20643	NA	NM_009227_1_-1
Snta1	-0.405	-1.218	-0.476	-0.451	1.950	2.755	2.676	2.914	2.109	2.761	20648	SNTA1	NM_009228_2_-1
Sntb2	0.609	1.028	-2.417	2.818	3.131	2.849	2.802	2.713	3.703	3.085	20650	SNTB2	NM_009229_8_+1
Soat1	3.728	3.302	6.150	6.069	5.693	6.318	6.205	6.559	7.486	8.203	20652	SOAT1	NM_009230_1_-1
Sos1	3.395	3.825	3.896	3.603	4.002	3.863	4.204	3.890	4.142	4.354	20662	SOS1	NM_009231_17_-1
Sox15	-2.378	-1.343	-2.979	-2.946	-1.433	-2.551	-0.243	-1.909	-1.773	-1.619	20670	SOX15	NM_009235_11_+1

Sox18	-2.454	-4.981	-4.918	-2.357	-4.971	-2.739	-4.187	-2.264	-3.109	-4.981	20672	SOX18	NM_009236_2_-1
Sox4	3.277	2.370	4.105	3.098	4.052	3.511	3.093	2.129	-0.026	-0.439	20677	SOX4	NM_009238_13_-1
Sp4	3.123	3.247	1.831	1.785	3.409	3.322	3.363	2.538	2.915	2.941	20688	SP4	NM_009239_12_-1
Sparc	1.457	-0.197	-2.890	0.885	-3.862	1.702	-2.579	2.680	-2.768	-1.733	20692	SPARC	NM_009242_11_-1
Serpina1a	-4.981	-4.981	-4.327	-4.952	-4.695	-4.629	-4.963	-4.949	-4.035	-4.981	20700	SERPINA1	NM_009243_12_-1
Serpina1b	-4.981	-1.972	-4.954	-3.823	-4.962	-4.135	-4.893	-4.368	-4.981	-4.981	20701	SERPINA1	NM_009244_12_-1
Serpina1c	-4.981	-4.981	-4.963	-4.417	-4.952	-4.951	-4.954	-4.931	-4.981	-4.981	20702	SERPINA1	NM_009245_12_-1
Serpini1	5.164	4.694	0.914	1.417	3.960	4.659	1.752	3.126	0.492	1.101	20713	SERPINI1	NM_009250_3_+1
Serpina3g	5.457	2.980	8.496	8.912	9.133	8.874	8.022	7.607	3.204	3.359	20715	NA	NM_009251_12_+1
Serpina3n	-1.608	-4.981	-2.903	-2.366	-3.135	-3.645	-4.327	-3.561	-4.981	-4.981	20716	SERPINA3	NM_009252_12_+1
Serpib6a	2.921	1.564	1.661	2.479	2.297	2.505	2.987	3.011	0.992	0.137	20719	SERPINB6	NM_009254_13_-1
Serpine2	-4.981	-4.981	1.464	1.074	-2.477	-1.969	-0.375	0.977	-0.259	-1.525	20720	SERPINE2	NM_009255_1_-1
Serpib9	4.107	3.074	8.236	8.499	4.897	5.401	4.481	4.482	1.164	2.045	20723	SERPINB9	NM_009256_13_+1
Spn	6.003	5.576	2.989	2.814	3.299	3.167	6.204	6.017	6.105	5.448	20737	SPN	NM_009259_7_-1
Sptbn1	1.617	1.801	2.574	2.509	0.831	0.950	1.868	2.597	3.059	3.314	20742	SPTBN1	NM_009260_11_-1
Strbp	5.666	6.030	7.084	6.810	6.091	6.457	5.126	5.710	3.483	4.475	20744	STRBP	NM_009261_2_-1
Spock1	-4.981	-4.981	-4.576	-4.393	-4.981	-4.981	-4.978	-4.939	-4.981	-4.981	20745	SPOCK1	NM_009262_13_-1
Spp1	-0.457	1.949	4.187	4.094	2.231	1.801	2.667	2.704	-0.108	-0.085	20750	SPP1	NM_009263_5_+1
Seph2	5.121	5.254	4.965	5.256	4.842	5.180	5.577	5.902	7.303	7.236	20768	SEPHS2	NM_009266_7_-1
Sptlc1	5.492	5.703	5.400	5.378	5.065	5.221	5.058	5.263	5.618	5.509	268656	SPTLC1	NM_009269_13_-1
Sqle	6.427	6.655	5.001	3.872	3.329	3.607	4.030	4.636	4.124	4.954	20775	SQLE	NM_009270_15_+1
Src	-0.002	-0.560	-0.249	-2.316	-2.771	-3.979	-3.592	-3.514	-2.918	-4.182	20779	SRC	NM_009271_2_+1
Srm	6.149	6.018	5.239	5.624	5.210	5.497	4.898	5.671	3.917	3.916	20810	SRM	NM_009272_4_+1
Srp14	8.583	8.589	7.811	7.722	7.682	7.692	7.760	7.530	6.790	6.809	20813	SRP14	NM_009273_2_-1
Srp2	5.475	6.295	4.537	5.330	5.370	6.088	4.589	4.759	3.831	4.170	20817	SRPK2	NM_009274_5_-1
Srprb	6.187	6.383	5.024	5.195	5.038	5.243	5.115	5.309	5.078	5.019	20818	SRPRB	NM_009275_9_-1
Trim21	4.291	3.577	4.904	4.993	4.759	4.098	4.311	3.990	4.600	4.797	20821	TRIM21	NM_009277_7_-1
Ssb	2.653	3.050	2.260	2.995	1.723	2.542	1.316	2.240	0.974	1.712	20823	SSB	NM_009278_2_+1
Ssr4	7.095	6.894	6.142	6.129	5.324	5.521	5.841	6.399	5.176	5.128	20832	SSR4	NM_009279_X_+1
Ss18	4.260	4.196	3.883	4.345	4.213	4.575	3.764	4.266	3.444	4.226	268996	SS18	NM_009280_18_-1
Zfp143	3.890	4.116	3.976	4.181	4.237	4.221	4.231	4.482	4.937	4.872	20841	ZNF143	NM_009281_7_+1
Stag1	5.029	4.930	5.143	5.130	5.580	5.533	5.618	5.483	5.415	5.938	20842	STAG1	NM_009282_9_+1
Stat1	7.617	7.636	7.775	7.523	7.699	7.075	7.774	7.613	8.043	7.823	20846	STAT1	NM_009283_1_+1
Stat6	5.846	5.961	6.911	6.998	7.212	7.200	7.443	7.578	8.782	8.813	20852	STAT6	NM_009284_10_+1
Stc1	-4.981	-4.981	-4.596	-4.124	-4.935	-1.718	-4.290	-3.183	-4.981	-4.981	20855	STC1	NM_009285_14_+1
Stim1	3.302	2.806	3.296	3.597	3.650	3.851	3.497	3.826	5.074	4.945	20866	STIM1	NM_009287_7_+1
Stk10	3.892	4.271	5.212	5.282	6.225	6.222	7.297	7.409	9.058	8.835	20868	STK10	NM_009288_11_+1
Slk	0.469	0.284	0.085	-1.008	-0.967	-0.625	-0.153	-0.679	0.403	0.586	20874	SLK	NM_009289_19_+1
Stra8	1.740	1.176	-1.274	-1.475	-4.142	-3.949	-1.990	-3.654	-4.394	-4.227	20899	STRA8	NM_009292_6_+1
Stx4a	6.335	6.351	5.818	5.632	5.526	5.513	5.435	5.632	5.112	5.330	20909	STX4	NM_009294_7_+1
Stxbp1	1.486	1.447	1.708	1.509	-0.008	0.791	0.768	1.379	-0.395	0.377	20910	STXBP1	NM_009295_2_-1
Supt4a	7.596	7.426	7.290	7.207	7.770	7.615	7.778	7.395	6.720	6.718	20922	SUPT4H1	NM_009296_11_+1
Supt6	4.747	4.799	5.552	5.629	5.789	5.919	5.468	5.171	5.292	4.998	20926	SUPT6H	NM_009297_11_-1
Surf6	3.401	3.660	3.734	3.926	4.104	3.956	4.205	4.139	4.275	4.050	20935	SURF6	NM_009298_2_-1
Swap70	5.053	4.380	7.156	7.088	7.538	7.169	7.074	6.865	5.897	6.298	20947	SWAP70	NM_009302_7_+1
Syng1	-1.038	-4.981	-4.992	-1.367	-3.124	0.150	-3.267	-0.307	-1.863	-2.480	20972	SYNGR1	NM_009303_15_+1
Syng2	10.662	10.704	9.940	10.009	10.348	10.209	10.375	10.242	8.960	9.104	20973	SYNGR2	NM_009304_11_+1
Syp	0.542	-0.311	-1.678	-0.913	-1.053	-0.430	-1.060	-0.005	0.304	1.597	20977	SYP	NM_009305_X_+1
Syt1	-4.981	-2.736	-4.911	-4.911	-4.816	-3.655	-4.943	-4.917	-4.981	-4.981	20979	SYT1	NM_009306_10_-1
Tac2	-4.981	-1.814	-4.876	0.795	-4.993	1.450	-3.543	0.946	-3.925	-1.822	21334	TAC3	NM_009312_10_+1
Taf6	4.496	4.758	4.372	4.633	4.777	4.909	4.756	4.949	4.838	4.957	21343	TAFF6	NM_009315_5_-1
Map3k7	2.812	3.926	2.995	4.589	3.587	3.918	3.002	4.208	3.641	4.936	26409	NA	NM_009316_4_+1
Tal2	-2.647	-0.988	-4.325	-4.355	-4.938	-4.938	-4.928	-3.667	-1.535	-2.152	21350	TAL2	NM_009317_4_+1
Tapbp	7.917	7.780	7.766	8.156	7.393	7.570	7.516	7.770	8.252	7.918	21356	TAPBP	NM_009318_17_+1
Tarbp2	4.854	4.982	4.909	4.937	4.987	4.947	4.499	4.469	3.776	3.651	21357	TARBP2	NM_009319_15_+1
Slc6a6	6.024	5.927	6.795	6.680	7.051	6.905	6.713	6.495	6.904	7.026	21366	SLC6A6	NM_009320_6_+1
Tbca	7.085	6.948	7.583	7.420	6.403	6.416	6.543	6.181	4.898	5.006	21371	TBCA	NM_009321_13_+1
Tbx2	-2.073	-1.736	-3.485	-4.820	-4.585	-3.872	-3.926	-4.762	-1.459	-3.210	21385	TBX2	NM_009324_11_+1
Tbx2r	4.150	4.428	-4.741	-2.441	-3.369	-2.798	-4.854	-1.107	-4.671	-4.946	21390	TBXA2R	NM_009325_10_+1
Tcea2	3.244	2.969	2.984	2.848	3.007	2.757	2.955	2.419	2.154	1.614	21400	TCEA2	NM_009326_2_+1
Hnf1a	-3.090	-3.315	-4.117	-4.979	-1.175	-3.031	-3.791	-4.919	-3.153	-3.480	21405	HNF1A	NM_009327_5_-1
Tcf15	-4.981	-4.981	-4.935	-3.164	-4.909	-2.904	-4.969	-2.161	-4.981	-4.227	21407	TCF15	NM_009328_2_+1
Hnf1b	-4.981	-4.981	-4.933	-4.933	-2.632	-3.525	-3.615	-4.744	-4.981	-4.981	21410	HNF1B	NM_009330_11_+1
Tcf7	-0.430	-0.332	2.051	1.996	5.716	4.548	2.076	3.279	0.279	0.866	21414	NA	NM_009331_11_-1
Tcf7l1	-4.981	-4.981	0.072	-1.223	2.392	1.070	0.068	-2.262	-4.005	-3.979	21415	TCF7L1	NM_009332_6_-1
Tcf7l2	3.060	2.053	0.939	0.403	1.895	0.164	0.620	1.225	1.336	0.607	21416	TCF7L2	NM_009333_19_+1
Vps72	6.168	6.133	5.588	5.708	5.958	5.903	5.813	5.650	5.222	5.204	21427	VPS72	NM_009336_3_+1
Acat2	5.764	6.502	3.481	3.855	4.179	4.498	3.908	4.633	3.509	4.116	110460	ACAT2	NM_009338_17_-1
Tcp10b	-4.981	-4.981	-4.636	-2.860	-4.223	-4.875	-4.775	-4.675	-3.738	-4.532	21462	NA	NM_009341_17_+1
Dynlt1b	8.437	8.300	8.747	8.579	6.866	7.102	7.244	7.720	7.153	7.276	21648	DYNLT1	NM_009342_17_+1
Phf1	2.865	3.240	1.519	2.457	2.259	2.832	2.733	2.792	2.932	3.078	21652	PHF1	NM_009343_17_+1
Phlda1	-1.427	-0.185	0.552	0.413	-0.397	-1.171	1.500	1.848	2.789	2.956	21664	PHLDA1	NM_009344_10_+1
Dnnt	5.481	3.956	-4.487	-4.665	-4.971	-4.794	-4.560	-4.866	-4.832	-4.981	21673	DNNT	NM_009345_19_+1
Tep1	6.578	4.591	6.171	5.609	6.726	6.306	6.947	6.149	7.239	6.084	21745	TEP1	NM_009351_14_-1

Terf1	4.949	5.377	4.360	4.323	4.611	4.530	4.623	4.285	3.556	3.969	21749	TERF1	NM_009352_1_+1
Terf2	4.315	4.057	3.794	3.554	3.891	3.820	3.804	3.330	3.309	3.290	21750	TERF2	NM_009353_8_-1
Tert	-2.842	-2.124	-3.202	-2.816	-1.988	-2.235	-4.112	-2.817	-4.981	-4.227	21752	TERT	NM_009354_13_+1
Prss39	-4.981	-4.981	-4.191	-2.574	-3.964	-4.599	-3.863	-4.781	-3.242	-4.981	21755	NA	NM_009355_1_+1
Tex261	6.267	5.316	6.031	5.455	5.680	4.840	5.861	5.251	6.501	5.440	21766	TEX261	NM_009357_6_-1
Ppp2r5d	4.618	4.899	5.155	5.252	5.751	5.787	5.438	5.598	5.539	5.781	21770	PPP2R5D	NM_009358_17_-1
Tex9	3.460	4.119	4.657	4.144	4.521	5.510	3.439	3.548	1.107	0.699	21778	TEX9	NM_009359_9_-1
Tfam	5.841	5.848	5.212	5.122	5.676	5.467	5.382	5.262	4.922	5.129	21780	TFAM	NM_009360_10_-1
Tfdp1	1.547	1.481	3.024	3.808	2.934	3.128	2.185	3.490	4.270	4.197	21781	TFDP1	NM_009361_8_+1
Tff1	-4.981	-4.981	-4.935	-4.935	-4.929	-4.929	-4.951	-3.840	-4.981	-4.981	21784	TFF1	NM_009362_17_-1
Tfpi2	-4.981	-4.981	-4.981	-4.981	-4.973	-4.973	-4.977	-2.816	-1.736	-2.438	21789	TFPI2	NM_009364_6_-1
Tsc22d1	9.322	9.274	2.850	3.017	4.095	4.700	3.499	3.582	2.740	3.578	21807	TSC22D1	NM_009366_14_+1
Tgfb2	-4.981	-1.051	-1.353	-2.959	-2.286	-3.611	-2.924	-1.878	-2.953	1.111	21808	TGFB2	NM_009367_1_-1
Tgfb3	-1.933	-0.578	-0.317	0.458	-3.277	-4.618	-3.079	-1.197	-4.981	-4.981	21809	TGFB3	NM_009368_12_-1
Tgfb1	2.571	1.235	7.970	7.538	7.619	7.670	8.613	9.081	10.258	10.244	21810	TGFB1	NM_009369_13_+1
Tgfb1r1	6.767	6.817	5.020	5.120	5.359	6.367	6.363	6.799	6.803	7.855	21812	TGFB1R1	NM_009370_4_+1
Tgfb1r2	5.063	3.812	4.405	4.238	4.833	4.240	5.161	5.827	6.526	6.366	21813	TGFB1R2	NM_009371_9_-1
Tgif1	3.880	2.920	5.374	5.440	5.497	5.611	5.674	5.809	5.262	5.299	21815	TGIF1	NM_009372_17_-1
Tgm2	1.980	0.547	2.027	3.781	8.396	8.481	7.573	6.822	4.461	3.773	21817	TGM2	NM_009373_2_-1
Tgm3	-4.981	-4.981	-4.980	-4.547	-4.508	-4.545	-1.028	-1.085	1.738	1.155	21818	TGM3	NM_009374_2_+1
Tg	2.081	1.891	1.606	1.340	1.255	0.844	0.553	0.575	1.202	-0.130	21819	TG	NM_009375_15_+1
Ift88	2.640	2.714	1.345	1.208	1.823	1.780	1.569	1.516	0.888	1.482	21821	IFT88	NM_009376_14_+1
Thbd	-0.155	0.589	-0.970	-0.529	-1.435	-1.821	4.237	4.551	7.237	7.246	21824	THBD	NM_009378_2_-1
Thrb	-4.127	-4.981	-4.771	-4.810	-4.605	-4.049	-4.486	-4.881	-4.981	-3.868	21834	THRB	NM_009380_14_+1
Thrsp	-4.981	-4.981	-4.911	-1.941	-4.782	-4.824	-4.964	-4.980	-4.981	-4.981	21835	THRSP	NM_009381_7_-1
Thy1	0.938	3.578	-4.556	-2.139	-1.917	-0.051	-1.160	0.294	-2.601	-1.890	21838	THY1	NM_009382_9_+1
Tial1	4.917	4.733	4.187	4.079	4.421	4.131	4.457	4.263	3.900	3.807	21843	TIAL1	NM_009383_7_-1
Tiam1	-4.230	-3.652	3.842	3.375	0.337	0.555	2.943	3.722	5.261	4.861	21844	TIAM1	NM_009384_16_-1
Nkx2-1	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	21869	NKX2-1	NM_009385_12_-1
Tjp1	-4.981	-3.643	-4.940	-4.716	-4.941	-4.937	-4.598	-4.910	-4.981	-4.981	21872	TJP1	NM_009386_7_-1
Tk1	3.213	2.020	4.306	4.643	5.278	5.000	4.665	4.449	2.455	1.631	21877	TK1	NM_009387_11_-1
Tkt	7.344	7.052	7.737	7.244	7.925	7.341	8.163	7.923	9.063	8.236	21881	TKT	NM_009388_14_+1
Tle3	2.177	2.532	2.587	2.503	2.437	2.422	1.354	0.592	3.209	3.052	21887	TLE3	NM_009389_9_+1
Ran	8.270	8.337	8.390	8.792	8.541	8.504	8.083	8.308	6.813	6.903	19384	RAN	NM_009391_5_+1
Tlx2	-4.981	-4.981	-4.387	-2.268	-3.803	-4.260	-4.914	-4.965	-4.981	-4.981	21909	TLLX2	NM_009392_6_-1
Tnnc1	-4.981	-4.981	-3.136	-4.749	-4.660	-4.364	-3.813	-4.884	-4.981	-3.386	21924	TNNC1	NM_009393_14_+1
Tnnc2	-4.981	-4.981	0.449	0.239	-0.815	-0.411	-2.302	-4.172	-2.166	-3.461	21925	TNNC2	NM_009394_2_-1
Tnfaip1	3.181	2.625	3.763	3.850	2.805	3.159	1.272	2.877	3.583	3.872	21927	TNFAIP1	NM_009395_11_-1
Tnfaip2	1.641	1.398	5.343	6.123	4.264	4.879	5.538	6.608	8.580	8.478	21928	TNFAIP2	NM_009396_12_+1
Tnfaip3	6.283	6.112	5.162	5.304	6.072	6.226	6.451	6.345	5.857	6.511	21929	TNFAIP3	NM_009397_10_-1
Tnfaip6	-4.981	-2.895	-4.981	-4.981	-4.930	-4.210	-2.243	-3.671	0.053	-2.923	21930	TNFAIP6	NM_009398_2_+1
Tnfrsf11a	1.788	2.112	4.893	4.787	5.301	5.402	4.759	4.874	4.476	4.914	21934	TNFRSF11A	NM_009399_1_+1
Tnfrsf18	5.768	6.842	4.974	5.484	5.631	6.280	5.166	5.380	0.926	1.702	21936	TNFRSF18	NM_009400_4_+1
Tnfrsf8	-4.981	-4.981	-4.989	-3.374	-4.971	-4.831	-3.276	-3.088	-0.083	-0.733	21941	TNFRSF8	NM_009401_4_-1
Pglyrp1	0.563	-1.199	4.317	4.374	7.491	7.913	7.210	6.847	7.005	6.319	21946	PGLYRP1	NM_009402_7_+1
Tnfsf8	-1.853	-2.365	-0.866	-1.624	2.917	3.140	2.253	2.179	-1.153	-2.145	21949	TNFSF8	NM_009403_4_-1
Tnfsf9	3.162	3.302	4.173	4.471	4.737	4.252	5.516	5.339	3.349	2.355	21950	NA	NM_009404_17_+1
Tnni2	5.729	5.726	6.261	6.507	4.616	5.093	4.492	4.407	1.871	1.334	21953	TNNI2	NM_009405_7_+1
Tnni3	-0.222	-3.315	1.391	-0.511	1.874	0.704	2.436	-0.668	0.729	-1.040	21954	TNNI3	NM_009406_7_-1
Top1	7.045	7.097	6.816	6.896	6.600	6.705	6.663	6.305	5.500	5.855	21969	TOP1	NM_009408_2_+1
Top2b	6.148	6.155	7.132	6.853	6.997	7.138	6.887	6.830	6.841	7.164	21974	TOP2B	NM_009409_14_+1
Top3a	2.765	2.430	2.842	3.025	2.999	2.519	3.043	2.700	3.870	3.660	21975	TOP3A	NM_009410_11_-1
Tpd52	8.588	8.846	7.903	7.760	7.545	7.339	8.532	8.728	9.838	10.112	21985	TPD52	NM_009412_3_-1
Tpi1	6.080	5.817	7.245	7.574	6.809	6.723	7.304	7.498	7.824	7.486	21991	TPI1	NM_009415_6_-1
Tpm2	-1.715	-2.763	-1.191	-3.518	-1.131	-2.546	-3.477	-4.886	-4.981	-4.981	22004	NA	NM_009416_4_-1
Tpp2	4.306	4.461	5.631	5.626	5.788	5.732	6.160	6.080	6.827	6.876	22019	TPP2	NM_009418_1_+1
Tpst2	5.580	6.499	5.158	5.497	4.153	4.646	5.327	6.256	7.259	7.191	22022	TPST2	NM_009419_5_+1
Traf1	5.092	4.642	7.937	8.344	8.771	8.887	8.018	7.251	3.081	3.423	22029	TRAF1	NM_009421_2_-1
Traf2	4.655	4.635	4.877	5.054	6.363	6.320	5.987	5.486	4.774	4.730	22030	TRAF2	NM_009422_2_-1
Traf4	6.064	6.179	2.990	2.930	2.672	2.762	1.185	2.746	-1.063	-0.747	22032	TRAF4	NM_009423_11_-1
Traf6	2.367	3.450	3.645	3.884	3.310	3.751	3.160	3.288	3.730	4.798	22034	TRAF6	NM_009424_2_+1
Tnfsf10	1.391	1.663	-0.910	-1.304	0.885	0.872	1.330	1.403	2.513	1.719	22035	TNFSF10	NM_009425_3_+1
Tob1	3.668	3.638	4.367	4.315	4.281	4.694	3.969	4.158	4.026	4.287	22057	TOB1	NM_009427_11_+1
Trpc5	-4.981	-4.981	-4.757	-4.625	-4.970	-4.970	-4.968	-4.975	-4.981	-4.981	22067	TRPC5	NM_009428_X_-1
Tpt1	10.160	10.083	10.173	10.215	9.876	9.834	10.188	9.997	9.363	9.441	22070	TPT1	NM_009429_14_+1
Prss2	-2.573	-2.600	-2.891	-1.834	-2.858	-2.159	-3.748	-2.849	-4.981	-4.342	22072	PRSS2	NM_009430_6_+1
Ctr9	4.748	4.728	4.923	5.089	5.068	5.124	4.994	5.000	5.095	5.233	22083	CTR9	NM_009431_7_+1
Tshb	-4.789	-4.721	-4.979	-4.979	-4.978	-4.981	-4.980	-4.981	-4.981	-4.981	22094	TSHB	NM_009432_3_-1
Tspyl1	7.040	7.025	6.621	6.488	6.750	6.690	6.443	6.416	6.398	6.501	22110	TSPYL1	NM_009433_10_+1
Phlda2	-4.981	-4.981	-3.694	-2.553	-2.131	-3.843	-3.198	-3.313	-4.394	-3.855	22113	PHLDA2	NM_009434_7_-1
Tssk2	-2.573	-4.981	-4.811	-4.573	-4.207	-4.957	-3.824	-4.657	-4.981	-4.981	22115	TSSK2	NM_009436_16_+1
Tst	-0.551	-2.883	-1.562	-1.822	-3.230	-2.862	-2.851	-2.698	-0.530	-2.571	22117	TST	NM_009437_15_-1
Rpl13a	9.407	9.325	9.525	9.428	9.294	9.133	9.429	9.265	8.201	7.928	22121	RPL13A	NM_009438_7_-1
Psm3	6.880	6.845	6.701	6.985	6.806	6.774	6.664	6.698	6.859	6.671	22123	PSMD3	NM_009439_11_+1

Tsx	-4.981	-4.981	-5.000	-3.003	-4.132	-2.236	-4.379	-3.555	-4.190	-4.981	22127	NA	NM_009440_X_+1
Ttc3	5.245	5.530	5.532	5.225	5.453	5.342	4.965	5.056	2.708	3.288	22129	TTC3	NM_009441_16_+1
Ttf1	4.492	4.791	4.464	4.189	4.820	4.829	4.664	4.507	4.336	4.514	22130	NA	NM_009442_2_+1
Tgoln1	6.690	6.583	6.697	6.792	6.786	6.841	6.802	6.819	7.018	7.250	22134	NA	NM_009443_6_-1
Tgoln2	-0.917	-4.886	3.382	3.333	0.345	-0.712	-0.584	0.257	3.293	3.937	22135	NA	NM_009444_6_-1
Ttk	-4.681	-4.599	0.183	0.863	1.990	1.125	0.479	0.847	-0.153	-1.090	22137	TTK	NM_009445_9_+1
Tuba3a	-4.981	-4.981	-4.981	-4.981	-4.194	-4.593	-4.918	-4.530	-4.981	-4.981	22144	TUBA3E	NM_009446_6_-1
Tuba4a	7.543	7.740	5.819	5.958	6.260	6.275	6.110	6.141	6.830	5.784	22145	TUBA4A	NM_009447_1_-1
Tuba1c	6.225	6.620	8.269	8.770	7.268	7.488	7.379	7.278	6.711	6.672	22146	TUBA1C	NM_009448_15_+1
Tubb2a	8.157	8.247	7.857	7.831	5.271	5.525	5.087	5.903	5.219	5.323	22151	TUBB2A	NM_009450_13_-1
Tubb4a	-2.948	-2.681	-1.822	-1.983	-2.344	-2.792	-1.573	-2.279	-1.176	-2.411	22153	TUBB4A	NM_009451_17_-1
Tnfsf4	-4.981	-4.981	-2.754	-1.746	-0.425	-1.042	-0.725	-1.768	-4.981	-4.981	22164	TNFSF4	NM_009452_1_+1
Zrsr2	2.590	2.900	2.898	2.915	2.972	2.606	3.228	2.333	2.549	2.505	22184	ZRSR2	NM_009453_X_-1
Ube2e3	6.418	5.837	6.436	6.387	6.220	5.659	5.985	5.488	5.380	4.573	22193	UBE2E3	NM_009454_2_+1
Ube2e1	6.494	6.490	6.423	6.353	6.121	6.120	6.158	5.911	5.394	5.918	22194	UBE2E1	NM_009455_14_-1
Ube2i3	8.188	8.074	8.261	8.303	8.154	8.010	8.115	8.079	8.223	8.104	22195	UBE2I3	NM_009456_16_-1
Uba1	2.515	2.282	2.349	1.658	2.240	2.972	2.980	3.464	3.669	3.138	22201	UBA1	NM_009457_X_+1
Ube2b	7.513	7.702	7.343	7.164	7.361	7.366	7.134	7.171	6.754	7.083	22210	UBE2B	NM_009458_11_-1
Ube2h	5.287	5.592	5.433	5.580	5.416	5.436	5.493	5.948	5.982	6.602	22214	UBE2H	NM_009459_6_-1
Sumo1	8.671	8.572	7.971	8.037	8.344	8.169	8.059	7.831	7.348	7.264	22218	SUMO1	NM_009460_1_-1
Ubr1	4.956	4.697	5.106	4.759	5.227	5.026	4.887	4.845	4.706	5.031	22222	UBR1	NM_009461_2_-1
Usp10	3.901	3.862	5.049	5.089	5.147	4.921	4.923	4.914	4.633	4.354	22224	USP10	NM_009462_8_+1
Ucp1	-4.981	-4.981	-4.107	3.349	-1.701	0.815	-3.124	-0.577	-4.981	-3.233	22227	UCP1	NM_009463_8_+1
Ucp3	-4.981	-4.981	-3.297	-4.280	-4.604	-4.996	-2.920	-4.562	-3.351	-2.118	22229	UCP3	NM_009464_7_+1
Axl	2.953	-3.732	1.505	3.032	2.560	1.771	3.737	4.435	4.789	4.162	26362	AXL	NM_009465_7_-1
Ugdh	4.355	4.714	4.902	5.100	4.810	4.882	4.815	4.859	5.571	5.656	22235	UGDH	NM_009466_5_-1
Dpysl3	-4.614	-4.981	-4.936	-2.108	-4.574	-0.650	-3.440	-4.956	-4.981	-4.784	22240	DPYSL3	NM_009468_18_-1
Ulk1	2.999	3.550	3.342	2.963	3.591	3.662	4.081	4.289	5.671	5.482	22241	ULK1	NM_009469_5_-1
Umps	4.589	4.745	5.613	6.017	5.232	5.299	5.066	5.465	5.199	5.375	22247	UMPS	NM_009471_16_-1
Unc5c	-4.981	-4.981	-4.981	-4.981	-3.984	-4.005	-4.979	-4.957	-4.981	-4.981	22253	UNC5C	NM_009472_3_+1
Nr1h2	1.725	0.756	1.063	1.307	-0.048	0.576	0.747	1.147	0.714	1.423	22260	NR1H2	NM_009473_7_-1
Uox	-4.981	-4.981	-4.017	-2.992	-3.471	-3.858	-3.988	-3.373	-4.981	-4.981	22262	NA	NM_009474_3_+1
Upp1	-4.794	-4.981	-2.395	-3.832	-4.708	-4.817	-4.739	-2.510	-4.365	-4.319	22271	UPP1	NM_009477_11_+1
Urod	6.145	6.181	4.762	5.256	5.026	5.674	5.102	5.730	5.338	5.226	22275	UROD	NM_009478_4_-1
Uros	2.411	2.086	2.095	1.741	2.200	1.723	1.702	0.123	0.976	0.879	22276	UROS	NM_009479_7_-1
Usf1	1.764	1.917	0.385	0.649	0.444	0.779	0.645	0.633	1.673	1.372	22278	USF1	NM_009480_1_+1
Usp9x	5.078	5.409	5.899	5.795	5.598	5.642	5.759	5.577	5.758	6.381	22284	USP9X	NM_009481_X_+1
Utf1	-4.981	-4.981	1.136	2.616	1.837	1.020	0.880	-0.036	-4.981	-3.386	22286	UTF1	NM_009482_7_+1
Kdm6a	0.324	0.923	2.550	2.361	2.194	1.858	2.163	1.008	1.292	1.704	22289	KDM6A	NM_009483_X_+1
Vamp1	2.401	2.018	0.646	-0.498	1.075	-3.234	0.706	0.378	-0.819	-1.567	22317	VAMP1	NM_009496_6_+1
Vamp2	6.103	5.952	5.508	5.316	5.884	5.828	5.607	5.645	5.792	5.542	22318	VAMP2	NM_009497_11_+1
Vamp3	7.167	7.235	7.118	7.009	5.640	5.652	6.305	6.823	7.355	7.304	22319	VAMP3	NM_009498_4_-1
Vasp	2.688	2.983	5.156	4.992	5.896	5.529	5.419	5.242	5.498	5.210	22323	VASP	NM_009499_7_-1
Vav2	2.250	1.271	2.749	2.513	4.185	4.067	3.247	3.108	3.655	4.279	22325	VAV2	NM_009500_2_-1
Vcl	4.739	5.394	4.562	5.103	4.191	4.662	5.093	5.624	7.012	7.327	22330	VCL	NM_009502_14_+1
Vcp	7.732	7.231	8.668	8.659	8.091	7.856	8.011	7.902	8.618	8.179	269523	VCP	NM_009503_4_-1
Vdr	-0.147	-1.081	-0.200	2.257	-3.245	-4.389	-0.681	-1.405	1.048	-0.643	22337	VDR	NM_009504_15_-1
Vegfa	-4.981	-4.343	-2.991	-4.781	1.775	-0.431	1.733	-0.928	-0.002	0.759	22339	VEGFA	NM_009505_17_-1
Vegfc	2.934	3.913	-4.917	-3.312	-0.420	0.095	2.375	2.088	0.796	1.167	22341	VEGFC	NM_009506_8_+1
Vhl	4.689	4.734	6.962	7.024	5.243	5.013	5.964	5.914	5.647	5.537	22346	VHL	NM_009507_6_+1
Vil1	-4.981	-4.981	-1.759	-0.588	-3.525	-2.534	-2.101	-3.934	-2.724	-3.323	22349	VIL1	NM_009509_1_+1
Ezr	6.763	6.522	7.489	7.417	7.760	7.725	7.336	7.588	7.828	7.409	22350	EZR	NM_009510_17_-1
Vipr2	-1.987	-3.408	-3.710	-4.930	-4.945	-4.759	-4.878	-3.961	-2.809	-4.981	22355	VIPR2	NM_009511_12_+1
Slc27a5	-3.189	-4.981	-4.247	-4.827	-4.380	-4.862	-4.309	-3.360	-1.912	-4.981	26459	SLC27A5	NM_009512_7_-1
Vpreb3	0.811	-2.353	-2.366	-0.323	-1.568	1.557	1.016	3.312	-2.327	-3.435	22364	VPREB3	NM_009514_10_+1
Was	4.265	4.356	4.905	5.126	5.559	5.763	5.402	5.473	5.710	5.939	22376	WAS	NM_009515_X_-1
Wee1	3.189	2.300	3.300	3.882	3.692	3.708	3.147	3.103	0.965	2.310	22390	WEE1	NM_009516_7_+1
Zmat3	1.539	2.444	2.015	1.145	2.066	1.981	1.490	1.221	1.576	2.013	22401	ZMAT3	NM_009517_3_-1
Wnt10a	2.564	1.955	-4.981	-2.840	-3.794	-3.379	-4.398	-2.780	-4.981	-4.981	22409	WNT10A	NM_009518_1_+1
Wnt11	-4.981	-4.981	-3.736	-3.534	1.127	0.029	-0.212	-0.325	-3.767	-4.729	22411	WNT11	NM_009519_7_+1
Wnt2b	-3.668	-2.153	-2.859	-4.012	-2.942	-3.623	-3.689	-3.078	-2.063	-1.764	22414	WNT2B	NM_009520_3_-1
Wnt3	-4.981	-4.981	-4.978	-2.231	-3.669	-2.378	-4.505	-4.966	-3.750	-4.981	22415	WNT3	NM_009521_11_+1
Wnt4	-2.151	-1.630	-0.077	-1.147	-0.376	-0.848	-0.970	-1.576	-0.025	-0.246	22417	WNT4	NM_009523_4_+1
Wnt5b	-4.981	-4.981	-4.896	-4.959	-4.962	-4.962	-4.743	-4.140	-4.968	-4.967	22419	WNT5B	NM_009525_6_-1
Wnt6	-0.727	-0.169	-0.166	-0.252	-1.855	-0.423	0.680	0.559	1.219	1.376	22420	WNT6	NM_009526_1_+1
Atrx	7.435	7.473	8.025	7.856	7.970	7.924	7.472	7.221	6.715	7.066	22589	ATRX	NM_009530_X_-1
Xpc	3.675	3.749	3.179	3.428	4.706	5.000	4.641	4.301	5.592	5.336	22591	XPC	NM_009531_6_-1
Xrcc1	4.883	5.270	4.157	4.422	4.518	4.548	4.393	4.742	4.306	4.238	22594	XRCC1	NM_009532_7_+1
Xrcc5	1.097	1.366	-0.722	0.319	2.594	3.341	0.906	2.258	-1.773	-0.835	22596	XRCC5	NM_009533_1_+1
Yap1	-2.179	-3.111	-4.983	-2.894	-4.950	-3.889	-3.751	-4.093	-4.981	-4.482	22601	YAP1	NM_009534_9_-1
Yes1	-3.563	-4.764	-2.149	-1.613	-4.727	-3.055	-4.931	-3.702	-4.943	-4.954	22612	YES1	NM_009535_5_+1
Ywhae	7.873	8.067	7.874	8.107	7.647	7.718	7.484	7.776	7.634	7.923	22627	YWHAE	NM_009536_11_+1
Yy1	5.095	5.119	4.622	4.701	4.847	5.016	4.842	4.653	4.058	4.338	22632	YY1	NM_009537_12_+1
Plagl1	-4.981	-4.981	-1.965	-1.923	-1.381	-2.434	-1.528	-2.597	-2.027	-0.593	22634	PLAGL1	NM_009538_10_+1

Zap70	-3.583	-2.709	-4.828	-3.007	-4.119	-0.880	-1.213	-0.158	-4.981	-1.848	22637	ZAP70	NM_009539_1_+1
Zbtb17	4.409	4.559	4.518	4.730	4.720	4.843	4.601	4.842	4.917	5.275	22642	ZBTB17	NM_009541_4_+1
Zfp101	1.760	1.626	1.491	1.269	2.284	1.434	2.352	2.090	2.363	3.019	22643	NA	NM_009542_17_-1
Rnf103	4.649	5.058	4.782	4.367	4.088	3.915	4.518	4.549	4.920	5.293	22644	RNF103	NM_009543_6_+1
Zfp105	-4.981	-0.896	-0.581	1.046	0.314	1.641	-0.546	0.782	-1.848	0.936	22646	ZNF35	NM_009544_9_+1
Pcgf2	-4.915	-4.635	-4.880	-4.961	-4.961	-4.973	-4.929	-3.959	-4.976	-4.964	22658	PCGF2	NM_009545_11_-1
Trim25	6.550	7.009	5.996	5.421	5.652	4.831	6.184	5.439	6.975	6.438	217069	TRIM25	NM_009546_11_+1
Zbtb14	3.641	3.995	3.962	3.992	3.963	4.004	4.166	3.934	4.254	4.585	22666	ZBTB14	NM_009547_17_+1
Zfand5	6.696	6.903	7.390	7.263	8.037	7.730	7.987	7.854	8.170	8.409	22682	ZFAND5	NM_009551_19_+1
Zscan2	-0.579	-1.951	-3.362	-3.003	-1.364	-2.174	-2.891	-3.713	-2.679	-3.758	22691	ZSCAN2	NM_009553_7_+1
Zfp37	-4.981	-4.304	-4.622	-4.823	-4.821	-4.935	-4.917	-3.004	-4.981	-4.981	22696	ZFP37	NM_009554_4_-1
Zfp40	2.674	3.228	1.936	2.419	2.053	2.186	1.844	2.079	1.826	2.698	22700	NA	NM_009555_17_-1
Zfp46	2.413	2.646	3.165	2.821	2.913	2.523	2.831	2.184	3.602	3.223	22704	ZNF436	NM_009557_4_+1
Zfp51	3.769	4.206	3.437	3.376	3.560	3.243	3.622	3.080	3.369	3.307	22709	ZNF761	NM_009558_17_+1
Zfp60	0.416	-0.338	-2.516	-1.462	-0.294	-0.662	-0.057	-3.119	-4.336	-1.459	22718	NA	NM_009560_7_+1
Zfp61	3.821	4.255	3.387	4.128	3.011	3.467	2.816	3.780	3.332	3.817	22719	NA	NM_009561_7_-1
Zfp62	5.631	5.433	6.537	6.170	6.537	6.301	5.949	5.679	5.053	5.311	22720	ZFP62	NM_009562_11_+1
Zfp64	3.617	3.479	3.394	3.588	3.133	3.415	3.215	3.398	3.690	3.388	22722	ZFP64	NM_009564_2_-1
Zbtb7b	2.293	2.810	3.722	3.488	4.350	4.201	4.866	4.419	5.382	5.373	22724	ZBTB7B	NM_009565_3_-1
Zfp92	-4.981	-4.981	-3.782	-4.906	-4.430	-4.040	-4.823	-4.718	-4.981	-4.981	22754	ZFP92	NM_009566_X_+1
Zfp93	-0.159	-1.910	0.358	-0.697	-0.979	-1.450	-0.975	-1.524	-0.945	-1.065	22755	NA	NM_009567_7_+1
Zfp94	1.590	1.675	1.053	0.390	1.371	1.195	1.157	1.246	0.703	-1.669	22756	NA	NM_009568_7_-1
Zfpm1	-0.481	-0.491	0.602	1.619	-0.149	1.183	0.576	1.770	1.901	1.606	22761	ZFPM1	NM_009569_8_+1
Zhx1	4.745	5.003	5.263	5.585	4.936	4.942	5.533	5.254	5.573	6.152	22770	ZHX1	NM_009572_15_-1
Zic1	-4.981	-4.981	-4.629	-4.970	-4.714	-4.961	-4.748	-4.939	-4.981	-4.981	22771	ZIC1	NM_009573_9_-1
Zik1	-1.695	1.300	-1.442	-1.686	-0.431	0.804	-2.154	-0.695	-3.531	0.245	22775	ZIK1	NM_009577_7_-1
Ikzf1	5.638	5.571	4.225	3.632	5.174	4.885	4.660	4.504	5.021	4.631	22778	IKZF1	NM_009578_11_+1
Slc30a1	3.464	3.838	3.505	3.451	3.486	3.610	3.619	3.922	4.424	4.982	22782	SLC30A1	NM_009579_1_+1
Zp1	-1.587	-4.981	0.500	-0.609	-2.932	-3.296	-3.486	-4.118	-4.981	-4.981	22786	ZP1	NM_009580_19_-1
Map3k12	0.416	0.624	2.058	0.653	0.357	-0.052	0.716	-1.240	0.152	1.219	26404	MAP3K12	NM_009582_15_-1
Dnajc2	5.982	5.812	6.450	6.266	6.669	6.646	6.381	5.845	4.906	4.644	22791	DNAJC2	NM_009584_5_-1
Aanat	-2.378	-4.981	-4.972	-4.972	-4.983	-4.983	-4.931	-4.619	-4.981	-3.855	11298	AANAT	NM_009591_11_+1
Abcb7	3.817	4.087	4.035	3.885	4.252	4.220	4.542	4.139	5.517	5.721	11306	ABCB7	NM_009592_X_-1
Abcg1	4.274	0.669	6.613	6.021	6.215	6.030	6.374	5.667	5.392	4.266	11307	ABCG1	NM_009593_17_+1
Abl1	4.257	4.220	5.219	5.402	5.888	6.015	5.811	5.221	5.247	5.512	11350	ABL1	NM_009594_2_+1
Abl2	-3.061	-2.789	-1.158	-2.434	-0.953	-1.852	-1.559	-4.492	-0.476	-4.013	11352	ABL2	NM_009595_1_+1
Asic1	-2.268	-2.353	-0.870	-2.533	-1.681	-0.524	-1.925	-1.850	-0.889	-0.568	11419	ASIC1	NM_009597_15_+1
Ace	-4.981	-4.981	-2.127	-1.541	-1.408	-1.848	4.164	1.976	0.736	0.789	11421	ACE	NM_009598_11_+1
Ache	-3.385	-3.091	-3.750	-1.127	-4.613	-1.202	-2.094	-1.504	-3.127	-2.548	11423	ACHE	NM_009599_5_+1
Chrnbl	3.939	4.255	2.303	2.457	1.722	2.116	0.704	1.258	-1.778	-2.283	11443	CHRNBL	NM_009601_11_-1
Chrnbl2	-1.518	-2.349	-2.070	-2.193	-2.472	-2.774	-2.518	-0.480	-0.083	-0.514	11444	CHRNBL2	NM_009602_3_-1
Chrne	-1.910	-4.981	-3.722	-3.308	-1.441	-2.760	-1.633	-4.243	-4.981	-4.981	11448	CHRNE	NM_009603_11_-1
Chrng	-4.981	-4.981	-3.986	-4.986	-3.757	-4.424	-3.613	-4.999	-4.981	-4.981	11449	CHRNG	NM_009604_1_+1
Adipoq	-4.981	-4.981	-3.091	-3.350	-1.337	-3.774	-3.245	-4.768	-1.650	-3.480	11450	ADIPOQ	NM_009605_16_+1
Acta1	-4.981	-4.981	-4.463	-4.447	-4.449	-4.956	-4.680	-4.979	-3.291	-3.161	11459	ACTA1	NM_009606_8_-1
Actg1	10.248	10.415	12.137	12.202	11.750	11.603	11.337	11.428	12.339	12.531	11465	ACTG1	NM_009609_11_-1
Actg2	-4.981	-4.981	-4.958	-4.849	-4.441	-3.688	-4.975	-4.422	-3.925	-4.981	11468	ACTG2	NM_009610_6_-1
Acvrl1	-0.882	-0.141	5.186	5.560	0.635	2.781	3.819	4.539	4.620	4.843	11482	ACVRL1	NM_009612_15_+1
Adam11	6.014	2.758	1.478	1.892	3.568	1.592	2.452	-1.010	-3.242	-2.965	11488	ADAM11	NM_009613_11_+1
Adam15	0.095	0.710	1.380	0.259	-0.374	-0.461	2.062	3.084	5.849	6.138	11490	ADAM15	NM_009614_3_-1
Adam17	4.925	5.848	6.022	6.565	5.933	6.799	6.488	7.118	7.031	8.283	11491	ADAM17	NM_009615_12_-1
Adam19	5.871	6.166	7.409	6.823	5.725	6.396	4.508	4.747	2.720	5.128	11492	ADAM19	NM_009616_11_+1
Adam2	-0.303	-2.895	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	11495	ADAM2	NM_009618_14_-1
Adam3	-4.981	-4.981	-4.961	-4.587	-4.854	-4.956	-4.287	-4.466	-1.871	-2.420	11497	NA	NM_009619_8_-1
Adam4	-1.376	-0.082	-1.844	-1.557	-1.656	-1.147	-0.831	-1.082	-0.537	-0.972	11498	NA	NM_009620_12_-1
Adcy9	1.419	1.406	0.674	0.489	-4.765	-1.225	-1.474	-0.817	2.033	2.390	11515	ADCY9	NM_009624_16_-1
Adm	0.538	-1.218	-1.073	0.377	3.152	2.194	0.925	-0.219	-4.981	-2.647	11535	ADM	NM_009627_7_+1
Adnp	1.348	0.040	0.658	0.382	0.931	0.325	-0.352	-0.566	0.549	0.313	11538	ADNP	NM_009628_2_-1
Adora2a	1.411	1.865	2.970	2.614	3.574	2.823	3.290	3.208	3.969	4.219	11540	ADORA2A	NM_009630_10_+1
Adora3	-0.998	-0.887	4.263	3.919	0.448	0.948	-0.100	0.771	0.837	0.725	11542	ADORA3	NM_009631_3_+1
Parp2	5.948	5.590	5.491	5.323	5.841	5.601	6.074	5.707	5.613	5.296	11546	PARP2	NM_009632_14_+1
Adsl	6.037	5.923	5.764	5.834	5.773	5.677	5.400	5.716	5.011	4.782	11564	ADSL	NM_009634_15_+1
Avil	-2.739	-4.981	-1.253	-1.079	-4.741	-2.021	-4.709	-4.393	-3.109	-2.885	11567	AVIL	NM_009635_10_+1
Aebp1	-4.981	-4.981	-4.406	-4.886	-4.978	-4.789	-4.791	-4.957	-4.981	-4.981	11568	AEBP1	NM_009636_11_+1
Aebp2	-1.716	0.197	0.887	0.899	2.340	1.913	0.863	0.347	0.134	-0.456	11569	AEBP2	NM_009637_6_+1
Crisp3	-4.981	-4.981	-4.841	-2.268	-4.968	-1.772	-4.944	-1.242	-4.981	-3.498	11572	NA	NM_009639_17_-1
Angpt1	0.449	-0.728	-1.011	-1.712	-1.879	-2.100	-1.379	-1.621	-2.609	-1.265	11600	ANGPT1	NM_009640_15_-1
Angpt4	1.500	-1.018	-3.582	-3.704	-4.946	-3.441	-4.964	-3.379	-4.981	-3.758	11602	ANGPT4	NM_009641_2_+1
Agtrap	6.507	5.462	4.545	3.897	4.284	3.693	4.633	4.239	5.122	3.971	11610	AGTRAP	NM_009642_4_-1
Ahna	8.322	8.092	6.060	5.901	2.478	3.426	6.561	7.750	9.824	10.090	66395	AHNA	NM_009643_19_+1
Ahrr	-2.178	-2.600	0.285	-0.507	2.812	3.899	1.486	1.717	1.227	1.382	11624	AHRR	NM_009644_13_-1
Aicda	-3.843	-4.981	-4.981	-4.981	-2.509	-3.225	-0.424	-2.594	-2.519	-2.519	11628	AICDA	NM_009645_6_+1
Aire	-4.900	-4.981	-1.350	-0.835	-0.393	0.186	-3.882	-4.510	-4.981	-4.981	11634	AIRE	NM_009646_10_-1
Ak4	-4.981	-4.981	-1.817	-4.883	-4.969	-4.969	-4.045	-4.957	-4.981	-4.981	11639	AK4	NM_009647_4_+1

Akap1	-0.084	1.473	0.695	0.991	-0.542	0.152	-0.573	0.289	-0.031	-0.014	11640	AKAP1	NM_009648_11_-1
Akap2	3.214	3.750	4.541	5.180	3.951	3.879	2.417	2.201	-4.981	-1.096	11641	AKAP2	NM_009649_4_+1
Akt1	5.902	5.470	7.194	7.126	7.083	6.780	7.257	7.094	8.683	8.077	11651	AKT1	NM_009652_12_-1
Alas2	0.358	3.077	2.287	5.094	1.858	5.481	1.653	5.314	1.942	3.990	11656	ALAS2	NM_009653_X_+1
Alcam	4.100	4.443	5.559	5.109	5.904	5.752	5.743	5.327	4.908	5.136	11658	ALCAM	NM_009655_16_-1
Aldh2	6.419	6.275	5.372	5.819	4.805	4.334	5.935	6.225	7.846	7.910	11669	ALDH2	NM_009656_5_-1
Aldoc	-4.104	-3.978	-4.318	-1.949	-4.266	-4.840	-3.973	-4.803	-4.398	-4.643	11676	ALDOC	NM_009657_11_+1
Akr1b3	5.272	5.260	5.232	5.278	5.197	5.169	5.202	4.898	5.282	5.067	11677	AKR1B1	NM_009658_6_-1
Alox15	-4.981	-4.981	-1.555	-1.526	-3.361	-1.557	1.211	-1.343	-0.899	-4.342	11687	ALOX15	NM_009660_11_-1
Alox8	-3.699	-4.981	-0.117	0.826	-1.019	0.823	0.200	1.424	-1.540	0.486	11688	ALOX15B	NM_009661_11_-1
Alox5	-0.358	-4.981	1.136	1.086	-3.462	-0.212	3.596	2.661	4.697	3.505	11689	ALOX5	NM_009662_6_-1
Alox5ap	9.535	9.605	9.064	8.895	8.867	8.763	8.864	8.727	9.817	9.637	11690	ALOX5AP	NM_009663_5_+1
Amd1	3.915	4.401	5.357	5.214	4.759	5.026	5.516	5.413	5.191	5.524	11702	AMD1	NM_009665_10_-1
Amelx	-4.880	-4.551	-4.980	-4.981	-4.687	-1.231	-4.679	-4.925	-4.981	-4.981	11704	AMELY	NM_009666_X_-1
Ampd3	-2.993	-2.475	-3.431	-0.472	-3.744	-1.358	1.617	1.199	1.087	-0.050	11717	AMPD3	NM_009667_7_+1
Bin1	0.471	-0.592	-0.330	-1.772	1.161	0.167	-0.207	-1.022	-1.292	-1.821	30948	BIN1	NM_009668_18_+1
Ankfy1	4.602	4.587	6.008	5.942	5.828	5.701	6.180	6.107	6.896	7.074	11736	ANKFY1	NM_009671_11_+1
Anp32a	5.429	5.175	4.540	4.815	4.979	5.329	4.956	4.446	3.799	3.499	11737	NA	NM_009672_9_+1
Anxa5	7.729	7.771	8.744	8.672	8.432	8.236	8.894	9.071	9.436	9.518	11747	ANXA5	NM_009673_3_-1
Anxa7	1.548	1.123	3.750	2.005	1.362	0.403	0.369	-0.671	2.452	-0.080	11750	ANXA7	NM_009674_14_-1
Ap1g1	0.583	0.451	0.952	1.525	0.547	0.968	1.099	0.460	1.329	-0.505	11765	AP1G1	NM_009677_8_+1
Ap1m2	3.304	3.066	-2.565	-3.781	-0.530	-0.758	-1.744	-2.588	-0.629	-1.365	11768	AP1M2	NM_009678_9_-1
Ap2m1	-0.247	0.845	0.937	1.323	0.858	0.557	0.590	0.802	1.347	1.484	11773	AP2M1	NM_009679_16_+1
Ap3b1	5.555	5.745	6.600	6.692	6.264	6.275	6.163	6.262	6.486	6.697	11774	AP3B1	NM_009680_13_+1
Ap3s1	6.209	6.872	7.191	7.283	5.599	5.472	6.422	6.408	6.387	7.052	11777	AP3S1	NM_009681_18_+1
Ap3s2	4.798	4.477	4.260	4.271	4.843	4.598	4.895	4.352	4.332	4.152	11778	AP3S2	NM_009682_7_-1
Apaf1	2.870	3.181	4.493	4.682	4.018	3.882	3.941	4.620	5.313	5.967	11783	APAF1	NM_009684_10_-1
Apbb1	-4.981	-4.981	-2.790	-3.026	-1.539	-2.294	-1.741	-0.827	1.320	1.494	11785	APBB1	NM_009685_7_-1
Apbb2	-3.038	-1.697	-4.128	-4.052	-4.952	-4.868	-4.964	-4.951	-4.527	-4.616	11787	APBB2	NM_009686_5_-1
Apex1	5.987	5.503	5.899	5.879	5.943	5.761	5.742	5.321	3.761	2.706	11792	APEX1	NM_009687_14_+1
Xiap	2.627	3.095	3.555	2.907	3.844	2.885	4.126	3.070	3.088	2.998	11798	XIAP	NM_009688_X_+1
Birc5	1.002	1.751	5.068	5.472	5.802	5.568	5.132	4.892	3.056	2.453	11799	BIRC5	NM_009689_11_+1
Cd5l	4.490	1.831	3.299	2.821	4.195	2.742	3.699	3.999	2.087	1.448	11801	CD5L	NM_009690_3_+1
Ap1p2	2.271	3.853	2.643	2.807	3.518	3.565	4.289	4.310	3.145	2.716	11804	A1P2	NM_009691_9_-1
ApoBec2	-0.462	-3.315	-2.440	-4.376	-3.778	-3.938	-2.682	-3.698	-4.394	-4.981	11811	APOBEC2	NM_009694_17_-1
ApoE	8.290	3.652	7.933	3.979	7.832	4.752	9.799	8.371	11.639	8.227	11816	APOE	NM_009696_7_-1
Nr2f2	-3.722	-3.900	-4.964	-4.887	-4.921	-4.976	-4.853	-4.440	-4.981	-4.981	11819	NR2F2	NM_009697_7_-1
Aprt	6.014	5.859	5.861	5.793	5.322	5.479	5.743	6.194	7.635	7.310	11821	APRT	NM_009698_8_-1
Aqp4	-4.981	-4.981	-4.555	-4.946	-4.973	-3.920	-4.931	-4.809	-4.981	-4.981	11829	AQP4	NM_009700_18_-1
Aqr	4.926	4.374	5.531	4.990	6.315	6.020	6.030	5.635	5.693	5.643	11834	AQR	NM_009702_2_-1
Araf	6.338	6.355	5.588	5.717	5.996	6.141	5.625	5.862	5.486	5.339	11836	ARAF	NM_009703_X_+1
Areg	2.929	3.458	-1.969	-3.068	-0.743	-2.799	-0.856	-0.748	-0.690	-1.131	11839	AREG	NM_009704_5_+1
Arg2	-2.620	-1.475	0.854	1.889	-0.516	0.354	-1.049	1.062	-0.273	2.034	11847	ARG2	NM_009705_12_+1
Arhgap5	5.156	5.288	6.304	5.913	4.608	4.501	4.401	4.372	2.747	3.034	11855	ARHGAP5	NM_009706_12_+1
Arhgap6	-4.981	-2.470	-4.981	-4.981	-4.957	-3.285	-4.959	-4.943	-4.981	-4.981	11856	ARHGAP6	NM_009707_X_+1
Rnd2	-0.157	-1.156	-1.904	-1.670	-2.996	-2.848	-2.765	-3.151	-2.712	-3.386	11858	RND2	NM_009708_11_+1
Arnt	1.365	3.066	2.980	3.021	3.046	3.038	3.518	3.744	4.602	4.859	11863	ARNT	NM_009709_3_+1
Art1	-2.739	0.237	-4.980	-4.699	-2.359	-3.070	-4.981	-4.981	-4.981	-4.981	11870	ART1	NM_009710_7_+1
Arsb	4.298	4.305	7.208	7.127	4.484	4.640	5.061	5.328	4.954	4.358	11881	ARSB	NM_009712_13_+1
Arsa	4.324	4.805	4.029	3.898	3.957	4.207	4.190	4.522	5.260	5.457	11883	ARSA	NM_009713_15_-1
Atf2	0.762	-1.237	-0.831	-4.513	-3.060	-1.432	0.347	-2.339	-1.220	-0.773	11909	ATF2	NM_009715_2_-1
Atf4	6.161	5.869	5.290	5.169	5.278	5.360	5.056	5.223	4.977	4.742	11911	ATF4	NM_009716_15_+1
Atox1	7.131	6.835	10.013	9.536	9.656	9.248	9.851	9.207	7.911	7.622	11927	ATOX1	NM_009720_11_-1
Atp1b1	9.595	9.814	1.553	2.488	1.376	3.029	2.404	4.099	-0.810	-1.373	11931	ATP1B1	NM_009721_1_-1
Atp2a2	-1.354	-1.416	-1.828	0.292	-0.258	-0.603	-2.415	-0.624	2.599	2.048	11938	ATP2A2	NM_009722_5_-1
Atp2b2	-4.981	-3.003	-3.973	-4.470	-4.449	-4.804	-4.407	-4.908	-4.519	-4.981	11941	ATP2B2	NM_009723_6_-1
Atp5f1	9.197	9.219	9.114	9.106	8.855	8.768	8.685	8.604	8.193	8.283	11950	ATP5F1	NM_009725_3_-1
Atp7a	3.865	3.699	4.352	4.478	4.202	3.698	4.364	4.481	5.432	5.695	11977	ATP7A	NM_009726_X_+1
Atp8a1	5.381	5.461	6.305	6.241	5.411	5.600	4.853	5.519	5.566	5.905	11980	ATP8A1	NM_009727_5_-1
Atp10a	-0.021	0.363	2.157	-1.694	0.526	-2.262	1.660	0.363	4.036	3.218	11982	ATP10A	NM_009728_7_+1
Atp6v0c	8.643	7.958	7.933	7.207	8.432	7.657	8.449	7.718	8.641	7.654	11984	ATP6V0C	NM_009729_17_-1
Atrn	3.389	3.605	3.348	3.197	3.550	3.482	3.872	3.470	4.362	4.306	11990	ATRN	NM_009730_2_+1
Akr1b7	0.680	-2.353	-0.912	-1.244	0.164	-1.699	-0.110	-1.587	-4.981	-2.988	11997	NA	NM_009731_6_+1
Axin1	2.704	3.067	3.795	3.172	3.659	3.648	3.525	3.860	3.902	4.158	12005	AXIN1	NM_009733_17_+1
Cep131	2.114	2.519	1.905	2.117	2.070	2.708	1.652	1.624	2.947	2.903	12009	CEP131	NM_009734_11_-1
B2m	13.697	13.784	12.259	12.071	12.952	12.806	12.954	12.504	12.466	11.908	12010	B2M	NM_009735_2_+1
Bag1	6.361	6.448	6.250	6.363	5.820	5.879	5.971	6.058	5.778	5.730	12017	BAG1	NM_009736_4_-1
Bcat2	5.497	5.596	6.395	6.810	6.277	6.529	6.548	6.666	5.024	5.354	12036	BCAT2	NM_009737_7_+1
Bckdk	6.832	6.649	5.883	6.212	6.096	6.160	5.795	6.079	5.631	5.449	12041	BCKDK	NM_009739_7_+1
Bcl10	6.407	6.445	6.263	6.305	6.596	6.851	6.612	6.767	7.463	7.482	12042	BCL10	NM_009740_3_+1
Bcl2	1.812	1.808	2.334	3.108	2.476	2.635	5.386	4.533	5.380	3.329	12043	BCL2	NM_009741_1_-1
Bcl2a1a	3.024	1.438	8.710	8.681	8.244	8.581	8.344	8.205	3.846	5.405	12044	BCL2A1	NM_009742_9_+1
Bcl2l1	2.142	2.753	3.523	3.771	3.352	3.317	2.561	3.354	4.482	4.197	12048	BCL2L1	NM_009743_2_-1
Bcl6	2.363	2.201	5.898	5.270	5.498	5.249	5.999	5.964	6.547	6.705	12053	BCL6	NM_009744_16_-1

Bcl7b	5.779	5.957	5.157	5.309	5.282	5.194	5.332	5.411	5.425	5.289	12054	BCL7B	NM_009745_5_+1
Bcl7c	6.659	6.611	5.338	5.451	4.798	4.804	4.816	4.981	3.672	3.769	12055	BCL7C	NM_009746_7_-1
Bdkrb2	-3.563	-4.981	-1.357	-1.861	-2.759	-3.535	-3.746	-4.209	-4.981	-4.981	12062	BDKRB2	NM_009747_12_+1
Bet1	6.940	6.725	5.091	5.188	4.812	4.870	5.327	5.383	4.766	5.667	12068	BET1	NM_009748_6_-1
Bex2	-4.981	-4.981	-4.957	-1.854	-2.761	-1.574	-4.070	-4.079	-4.981	-3.758	12069	BEX1	NM_009749_X_-1
Bex3	6.390	6.275	5.556	5.897	6.003	6.145	5.320	5.308	2.516	2.761	12070	BEX3	NM_009750_X_+1
Bfsp1	-3.272	-4.981	-3.476	-4.176	-3.901	-3.425	-2.185	-1.874	2.982	2.576	12075	BFSF1	NM_009751_2_-1
Glb1	5.131	3.994	4.856	3.694	4.513	3.076	4.448	2.662	5.172	3.741	12091	GLB1	NM_009752_9_+1
Bicd1	-1.109	-0.699	-2.936	-1.950	-0.819	-3.415	-2.678	-1.259	-4.530	-3.093	12121	BICD1	NM_009753_6_+1
Bcl2l11	-2.907	-3.861	1.375	-0.786	-1.816	-0.690	-2.281	-1.316	0.274	-0.631	12125	BCL2L11	NM_009754_2_+1
Bmp1	-4.981	-1.212	-0.175	0.884	1.174	1.539	-0.382	0.501	-2.753	-1.734	12153	BMP1	NM_009755_14_-1
Bmp10	-4.981	-4.981	-4.925	-4.925	-4.917	-4.917	-4.788	-4.606	-4.981	-4.981	12154	BMP10	NM_009756_6_+1
Bmpr1a	-2.178	-2.349	-3.602	-2.148	-2.453	0.553	-2.616	-2.234	-4.394	-1.813	12166	BMPR1A	NM_009758_14_-1
Bmx	-3.843	-4.981	-4.945	-2.472	-1.999	-2.208	1.632	1.074	5.307	4.764	12169	BMX	NM_009759_X_-1
Bnip3	5.601	6.177	4.535	4.968	3.769	4.274	4.672	4.772	5.060	5.096	12176	BNIP3	NM_009760_7_-1
Bnip3l	8.025	8.225	7.389	7.574	7.337	7.700	7.688	7.964	8.530	8.567	12177	BNIP3L	NM_009761_14_-1
Smyd1	-0.511	-4.981	-0.288	-3.281	-4.929	-4.911	-4.112	-4.983	-4.981	-4.462	12180	SMYD1	NM_009762_6_-1
Bst1	3.630	3.382	4.825	5.071	-2.238	-0.917	0.811	2.407	4.475	4.950	12182	BST1	NM_009763_5_+1
Brca1	0.485	-0.066	1.837	1.894	2.613	2.042	1.500	1.378	0.280	-0.289	12189	BRCA1	NM_009764_11_-1
Brca2	1.364	1.975	1.519	1.572	2.787	2.364	1.905	1.918	1.658	1.361	12190	BRCA2	NM_009765_5_+1
Chic1	0.312	2.162	-2.599	2.091	0.670	3.747	0.242	2.161	-2.263	1.671	12212	CHIC1	NM_009767_X_+1
Bsg	2.891	3.384	1.714	1.798	0.383	1.227	0.613	0.948	1.257	1.274	12215	BSG	NM_009768_10_+1
Klf5	-4.981	-2.160	-0.933	-0.167	-2.191	-1.309	0.020	-0.575	0.317	-3.480	12224	KLF5	NM_009769_14_+1
Btg3	3.993	4.293	1.547	1.168	2.019	2.333	1.688	1.415	1.232	1.680	12228	BTG3	NM_009770_16_-1
Btrc	5.170	3.333	1.430	1.277	1.808	1.303	-0.652	0.477	1.545	2.670	12234	BTRC	NM_009771_19_+1
Bub1	-2.347	-4.981	2.670	2.631	2.689	1.740	1.996	1.285	0.304	1.059	12235	BUB1	NM_009772_2_-1
Bub1b	1.206	-1.055	3.968	3.712	4.696	2.705	4.687	2.301	3.717	1.982	12236	BUB1B	NM_009773_2_+1
Bub3	7.197	7.337	7.013	7.106	7.392	7.249	7.232	7.155	6.890	6.708	12237	BUB3	NM_009774_7_+1
Tspo	8.659	8.436	7.676	7.517	6.536	6.728	7.718	7.729	8.320	7.993	12257	TSPO	NM_009775_15_+1
Serping1	-2.686	-0.468	-4.542	-2.179	-4.497	-4.482	-4.459	-3.701	-4.981	-4.981	12258	SERPING1	NM_009776_2_-1
C1qb	6.874	4.303	5.261	5.227	6.717	5.729	7.039	7.522	3.607	2.585	12260	C1QB	NM_009777_4_-1
C3	0.463	-1.842	0.627	1.396	0.477	1.105	5.343	6.115	9.918	9.804	12266	C3	NM_009778_17_-1
C3ar1	-1.798	-1.291	-1.650	-4.835	-2.981	-3.740	2.196	2.708	2.595	3.422	12267	C3AR1	NM_009779_6_-1
C4b	-0.610	-1.814	-1.972	-4.152	-2.063	-2.682	-1.465	-1.537	2.024	2.417	12268	C4A C4B	NM_009780_17_-1
Cacna1c	-3.966	-3.446	-4.644	-4.390	-4.370	-4.199	-4.536	-4.619	-4.981	-3.658	12288	CACNA1C	NM_009781_6_-1
Cacna1e	5.205	5.173	4.626	4.413	1.953	3.327	0.503	1.593	-3.373	-1.845	12290	CACNA1E	NM_009782_1_-1
Cacna1g	-4.981	-4.981	-4.954	-4.614	-4.228	-2.556	-4.955	-4.943	-4.981	-4.981	12291	CACNA1G	NM_009783_11_-1
Cacybp	6.851	6.879	7.395	7.502	7.009	6.802	6.834	6.936	5.850	6.468	12301	CACYBP	NM_009786_1_-1
Pdia4	7.384	7.605	6.799	7.409	5.798	6.526	6.258	7.907	6.204	7.178	12304	PDIA4	NM_009787_6_-1
S100g	-4.981	-4.981	-4.647	-4.832	-3.024	-3.607	-3.380	-3.811	-4.981	-3.098	12309	S100G	NM_009789_X_-1
Calm1	10.505	10.702	11.889	11.725	10.923	10.745	11.111	11.262	10.316	10.331	12313	NA	NM_009790_12_+1
Aspm	0.827	1.025	1.617	2.543	3.259	2.847	3.131	2.052	1.034	1.016	12316	ASPM	NM_009791_1_+1
Camk2a	-1.024	-2.919	-3.888	-4.900	-1.810	-3.187	-1.546	-4.736	-4.977	-4.142	12322	CAMK2A	NM_009792_18_+1
Camk4	-0.722	0.022	-0.601	-0.086	-1.511	-0.215	-0.744	0.865	-0.564	0.934	12326	CAMK4	NM_009793_18_+1
Capn2	5.348	5.604	5.390	5.232	4.661	4.805	5.567	6.172	8.025	8.201	12334	CAPN2	NM_009794_1_-1
Capns1	6.129	6.093	6.106	6.139	5.639	5.617	6.261	6.234	6.504	6.427	12336	CAPNS1	NM_009795_7_-1
Capn7	5.380	5.474	5.960	5.876	5.288	5.195	5.286	5.498	5.618	6.122	12339	CAPN7	NM_009796_14_+1
Capza1	7.766	7.808	8.610	8.764	8.581	8.556	8.506	8.681	9.229	9.386	12340	CAPZA1	NM_009797_3_-1
Capzb	9.819	9.728	10.031	10.063	10.106	10.073	9.895	10.000	10.017	9.931	12345	CAPZB	NM_009798_4_+1
Car1	-3.654	3.873	0.353	6.572	3.187	6.739	2.064	7.475	1.528	4.131	12346	CA1	NM_009799_3_-1
Car11	-1.714	-4.981	-3.638	-2.859	-0.412	1.466	-1.833	-1.911	-3.491	-4.316	12348	CA11	NM_009800_7_+1
Car2	1.271	5.199	3.006	6.957	5.317	7.740	4.720	7.923	2.325	4.510	12349	CA2	NM_009801_3_+1
Car6	-4.981	-4.981	-4.172	-4.394	-4.107	-2.314	-2.718	-4.526	-2.957	-3.758	12353	CA6	NM_009802_4_-1
Cat	7.376	7.959	8.354	8.495	7.672	8.010	7.304	7.490	7.171	7.224	12359	CAT	NM_009804_2_-1
Cflar	3.445	3.618	3.880	4.190	4.924	4.801	4.321	3.992	3.140	3.399	12633	CFLAR	NM_009805_1_+1
Cask	-0.609	1.101	2.033	2.322	2.268	0.907	3.278	2.383	3.867	3.671	12361	CASK	NM_009806_X_-1
Casp1	6.363	6.638	5.673	6.018	6.939	6.790	6.998	6.935	7.035	7.007	12362	CASP1	NM_009807_9_+1
Casp12	-0.802	-2.997	-3.307	-3.364	-4.990	-3.913	-2.686	-1.022	-0.045	1.867	12364	NA	NM_009808_9_+1
Casp3	2.272	0.846	3.190	3.678	2.383	1.618	2.123	2.461	3.965	3.925	12367	CASP3	NM_009810_8_+1
Casp6	6.387	6.119	7.696	7.409	5.579	5.251	6.115	5.983	5.154	5.464	12368	CASP6	NM_009811_3_+1
Casp8	5.510	5.767	5.695	5.566	6.018	5.655	6.090	6.106	6.264	6.240	12370	CASP8	NM_009812_1_+1
Cast	5.230	5.280	5.284	4.871	4.698	3.631	5.579	5.477	6.894	7.024	12380	CAST	NM_009817_13_-1
Ctnna1	6.080	6.266	7.219	7.075	6.241	6.033	6.719	6.672	6.543	6.710	12385	CTNNA1	NM_009818_18_+1
Runx2	6.942	6.640	1.131	1.650	2.523	2.744	1.495	0.217	0.878	2.587	12393	RUNX2	NM_009820_17_-1
Runx1	1.828	3.117	1.834	1.406	1.875	2.666	2.973	3.044	3.663	3.543	12394	RUNX1	NM_009821_16_-1
Runx1t1	-4.981	-0.708	-4.945	-4.945	-3.760	-3.045	-4.968	-4.009	-4.981	-3.515	12395	RUNX1T1	NM_009822_4_+1
Cbfa2t2	1.561	1.838	1.404	1.856	2.536	2.844	0.718	0.260	1.942	1.227	12396	CBFA2T2	NM_009823_2_+1
Cbfa2t3	4.958	5.351	6.905	7.024	7.328	7.520	7.032	6.761	5.860	5.363	12398	CBFA2T3	NM_009824_8_-1
Serpinh1	-4.347	0.412	-4.789	-4.965	-4.975	-4.973	-4.928	-4.960	-4.947	-4.981	12406	SERPINH1	NM_009825_7_-1
Rb1cc1	5.186	5.139	5.271	5.140	5.341	5.331	5.449	5.418	5.875	6.408	12421	RB1CC1	NM_009826_1_+1
Cckar	-4.981	-4.981	-4.815	-4.963	-4.513	-4.794	-4.941	-4.887	-4.981	-4.981	12425	CCKAR	NM_009827_5_-1
Ccna2	1.968	1.915	4.587	5.294	5.529	5.175	5.003	5.022	3.368	3.109	12428	CCNA2	NM_009828_3_-1
Ccnd2	4.371	3.576	3.789	4.723	7.188	6.027	5.908	5.525	1.765	0.540	12444	CCND2	NM_009829_6_-1
Ccne2	-3.412	-0.550	-0.318	-1.078	-0.225	-1.303	-1.551	-1.751	-4.849	-0.509	12448	CCNE2	NM_009830_4_+1

Ccng1	5.837	6.127	6.362	6.707	6.362	6.427	6.289	6.451	6.328	6.931	12450	CCNG1	NM_009831_11_-1
Ccnk	2.648	2.593	2.913	2.799	2.875	2.612	3.227	2.521	2.018	2.490	12454	CCNK	NM_009832_12_+1
Ccnt1	4.772	4.777	4.976	5.095	5.441	5.487	5.003	5.048	5.083	5.073	12455	CCNT1	NM_009833_15_-1
Noct	0.914	1.130	0.908	1.480	1.683	1.487	2.798	3.175	4.401	4.410	12457	NOCT	NM_009834_3_+1
Ccr6	-0.884	-0.060	-3.649	-1.813	4.230	2.978	1.900	1.718	-3.309	-4.981	12458	CCR6	NM_009835_17_+1
Cct3	7.557	7.746	7.837	7.972	7.484	7.438	7.173	7.393	6.207	6.280	12462	CCT3	NM_009836_3_+1
Cct4	6.904	7.153	7.560	7.734	7.105	7.129	7.217	7.336	6.903	7.210	12464	CCT4	NM_009837_11_+1
Cct6a	6.999	6.956	7.692	7.827	7.473	7.337	7.222	7.336	6.752	6.747	12466	CCT6A	NM_009838_5_+1
Cct6b	-0.563	-0.824	-0.638	-1.212	-1.564	-1.903	-1.392	-2.647	-2.439	-1.752	12467	CCT6B	NM_009839_11_-1
Cct8	7.912	8.069	8.481	8.666	8.173	8.120	8.013	8.166	7.609	7.699	12469	CCT8	NM_009840_16_-1
Cd14	3.828	6.295	4.387	4.629	2.968	4.073	5.335	7.379	8.471	9.474	12475	CD14	NM_009841_18_-1
Cd151	-4.512	0.564	-0.762	-1.918	-0.821	0.329	0.172	0.099	0.393	0.977	12476	CD151	NM_009842_7_+1
Ctla4	2.075	0.977	2.754	1.527	-4.725	-1.100	1.396	2.366	-4.981	-4.848	12477	CTLA4	NM_009843_1_+1
Cd19	1.520	-1.789	-0.112	3.761	2.198	5.572	3.284	7.084	0.684	1.997	12478	CD19	NM_009844_7_-1
Cd22	-0.983	-1.426	0.326	-0.606	1.237	-1.033	0.943	-1.315	0.397	-2.128	12483	CD22	NM_009845_7_-1
Cd24a	6.510	7.291	8.677	8.925	4.908	7.018	4.379	7.913	4.527	4.053	12484	NA	NM_009846_10_+1
Cd2ap	6.186	6.318	7.315	7.060	6.171	6.131	6.628	6.815	6.450	7.052	12488	CD2AP	NM_009847_17_-1
Entpd1	4.933	5.229	5.832	5.887	5.900	6.013	5.695	6.018	5.181	5.589	12495	ENTPD1	NM_009848_19_+1
Entpd2	-4.981	-4.981	-3.582	-3.722	-4.959	-4.959	-4.976	-4.970	-3.373	-4.981	12496	ENTPD2	NM_009849_2_+1
Cd3g	1.377	1.774	-1.766	2.105	0.537	3.493	1.427	4.553	-0.963	0.312	12502	CD3G	NM_009850_9_-1
Cd44	0.713	0.093	0.365	-1.039	-2.652	-2.702	-1.604	-0.612	-0.500	0.298	12505	CD44	NM_009851_2_-1
Cd6	-1.845	-1.454	-0.287	1.218	-0.753	2.136	0.205	3.346	-0.770	-1.450	12511	CD6	NM_009852_19_-1
Cd7	9.926	10.388	6.271	5.409	9.305	9.572	7.757	6.871	2.946	0.473	12516	CD7	NM_009854_11_-1
Cd80	-0.190	-2.895	4.386	4.160	5.191	4.976	4.131	3.597	2.488	2.643	12519	CD80	NM_009855_16_+1
Cd83	4.972	3.190	10.303	10.109	10.398	10.068	9.416	9.160	5.556	5.080	12522	CD83	NM_009856_13_+1
Cd8a	6.737	5.332	8.645	8.565	-0.033	-0.150	0.756	2.439	-4.878	-4.975	12525	CD8A	NM_009857_6_+1
Cd8b1	9.879	4.991	4.245	2.828	-0.812	1.240	0.443	2.441	-1.005	-0.385	12526	CD8B	NM_009858_6_+1
Sept7	6.950	6.994	7.123	7.176	6.986	6.830	6.883	6.920	6.614	7.046	235072	SEPT7	NM_009859_9_+1
Cdc25c	-4.981	-4.981	0.673	1.163	1.655	0.713	1.172	-0.334	0.341	-0.206	12532	CDC25C	NM_009860_18_-1
Cdc45	9.671	10.059	10.526	10.525	10.558	10.541	10.456	10.512	10.495	10.734	12540	NA	NM_009861_4_-1
Cdc42	1.677	0.378	3.421	3.289	3.851	3.257	3.008	3.047	2.434	1.781	12544	CDC45	NM_009862_16_-1
Cdc7	1.854	3.074	2.577	2.283	3.686	3.738	2.618	2.142	1.005	0.100	12545	CDC7	NM_009863_5_+1
Cdh1	6.538	6.297	-0.585	-0.823	-3.291	-0.215	2.185	-0.005	0.244	-1.904	12550	CDH1	NM_009864_8_+1
Cdh11	-1.945	-4.981	-1.381	-4.774	-1.842	-4.263	-1.740	-4.816	-1.641	-4.316	12552	CDH11	NM_009866_8_-1
Cdh5	5.004	4.265	-1.198	-1.449	-1.701	-2.154	-2.649	-1.896	-2.724	-2.236	12562	CDH5	NM_009868_8_+1
Cdk4	7.304	7.191	6.963	7.252	7.430	7.455	6.864	7.038	6.130	6.051	12567	CDK4	NM_009870_10_+1
Cdk5r1	0.426	0.527	0.514	0.548	-0.181	-0.782	-0.559	-1.385	-1.953	-0.977	12569	CDK5R1	NM_009871_11_+1
Cdk6	3.489	3.693	2.723	3.188	3.185	3.712	2.679	3.211	2.494	2.287	12571	CDK6	NM_009873_5_+1
Cdk7	6.352	6.232	5.745	5.805	5.702	5.862	5.332	5.464	5.015	5.039	12572	CDK7	NM_009874_13_-1
Cdkn1b	4.674	4.600	4.631	4.720	5.331	5.831	4.426	4.218	3.018	2.902	12576	CDKN1B	NM_009875_6_+1
Cdkn1c	-1.785	-1.322	-0.725	-1.124	-1.715	-2.217	-0.659	-0.985	0.356	-0.520	12577	NA	NM_009876_7_-1
Cdkn2a	-4.981	-4.981	-4.975	-3.245	-1.648	-2.539	-4.918	-4.876	-4.981	-4.981	12578	CDKN2A	NM_009877_4_-1
Cdkn2d	8.089	7.953	4.338	3.787	5.052	4.513	5.406	5.124	7.329	6.369	12581	CDKN2D	NM_009878_9_-1
Ift81	2.163	2.987	0.260	0.825	-0.507	1.407	-0.715	0.335	2.316	1.786	12589	IFT81	NM_009879_5_-1
Cdx1	-4.981	-4.981	-3.773	-3.071	-4.444	-3.113	-3.901	-4.521	-4.981	-4.981	12590	CDX1	NM_009880_18_-1
Cdyl	1.831	1.345	-0.608	-0.482	-0.837	-0.863	-3.886	-0.848	0.638	0.187	12593	CDYL	NM_009881_13_+1
Cebpb	4.252	3.498	0.954	2.089	3.456	4.215	7.092	7.183	9.573	9.400	12608	CEBPB	NM_009883_2_+1
Cebpγ	5.941	5.742	5.400	4.783	5.583	5.380	6.149	5.998	6.619	6.764	12611	CEBPγ	NM_009884_7_-1
Celsr1	0.849	-0.233	0.673	-0.544	1.347	0.480	-0.727	-0.859	-1.640	-2.982	12614	CELSR1	NM_009886_15_-1
Cfh	-0.751	-4.981	3.942	5.540	-0.475	0.784	5.268	6.855	7.419	9.245	12628	CFH	NM_009888_1_-1
Ch25h	-4.981	-4.981	-2.466	-2.092	-3.922	-4.114	-0.294	-2.716	-2.288	-4.981	12642	CH25H	NM_009890_19_-1
Chil3	-4.981	-4.981	1.367	3.531	-0.223	4.108	3.646	6.696	13.643	13.527	12655	NA	NM_009892_3_-1
Cideb	-4.981	-2.883	-3.928	-3.099	-4.456	-4.975	-2.735	-4.316	-1.383	-1.432	12684	CIDEB	NM_009894_14_-1
Cish	-0.705	0.597	0.265	-0.202	-1.864	-0.766	0.320	0.712	0.797	-0.304	12700	CISH	NM_009895_9_+1
Socs1	2.780	2.687	3.576	3.695	3.249	3.390	2.703	2.990	2.172	1.406	12703	SOCS1	NM_009896_16_-1
Ckmt1	-4.981	-4.981	-4.969	-4.188	-4.980	-4.969	-4.954	-4.968	-4.981	-4.981	12716	CKMT1A CKMT1B	NM_009897_2_+1
Coro1a	10.634	10.471	10.786	10.827	11.177	10.912	11.039	11.175	12.625	12.080	12721	CORO1A	NM_009898_7_-1
Cla3a1	-4.314	-4.981	-2.352	-1.179	-4.479	-1.644	-3.566	-0.383	-2.936	-4.686	12722	NA	NM_009899_3_-1
Clcn2	1.622	1.982	0.371	0.119	1.099	0.724	0.007	0.556	-1.959	0.419	12724	CLCN2	NM_009900_16_-1
Clgn	-4.981	-4.981	-4.343	-4.370	-4.968	-4.416	-4.736	-4.974	-4.981	-4.316	12745	CLGN	NM_009904_8_+1
Tpp1	6.526	6.431	5.095	5.031	5.948	5.841	5.963	5.862	6.757	6.628	12751	TPP1	NM_009906_7_-1
Cln3	4.093	3.834	2.627	2.770	2.747	2.252	2.450	3.274	3.096	3.024	12752	CLN3	NM_009907_7_-1
Cmas	7.283	7.398	6.454	6.928	6.104	6.344	6.149	6.367	6.658	6.434	12764	CMA5	NM_009908_6_+1
Cxcr2	-0.415	-0.383	-0.152	1.062	0.636	2.325	2.460	2.926	1.430	0.002	12765	CXCR2	NM_009909_1_+1
Cxcr3	8.332	8.645	6.506	6.470	2.060	2.952	2.236	3.901	1.808	1.827	12766	CXCR3	NM_009910_X_-1
Cxcr4	5.656	5.530	5.136	5.528	5.539	5.712	6.096	6.597	5.661	5.976	12767	CXCR4	NM_009911_1_-1
Ccr1	2.300	3.867	3.849	4.141	0.470	2.268	3.186	4.747	5.893	5.956	12768	CCR1	NM_009912_9_-1
Ccr9	8.898	8.795	5.242	4.734	1.444	2.123	2.823	2.176	-0.119	0.131	12769	CCR9	NM_009913_9_+1
Ccr3	3.928	2.082	2.450	2.533	3.347	2.784	3.525	3.998	1.152	0.907	12771	CCR3	NM_009914_9_+1
Ccr2	7.452	9.435	5.348	6.489	0.569	2.846	7.706	8.870	10.953	10.818	12772	CCR2	NM_009915_9_+1
Ccr4	-4.981	-4.981	-4.956	-4.388	-4.369	-2.560	-2.501	-4.391	-4.981	-4.981	12773	CCR4	NM_009916_9_-1
Ccr5	7.587	6.566	3.471	2.418	1.769	3.013	3.736	4.494	3.510	3.423	12774	CCR5	NM_009917_9_+1
Cnga3	-4.981	-4.981	-4.984	-4.984	2.434	-3.400	1.197	-4.876	-4.981	-4.981	12790	CNGA3	NM_009918_1_+1
Cnih1	6.975	6.756	6.034	5.781	5.453	5.264	5.898	5.635	5.272	5.084	12793	CNIH1	NM_009919_14_-1

Cnih2	-0.781	-2.043	-2.773	-2.816	-1.441	-2.662	-2.516	-4.538	-0.861	-3.313	12794	CNIH2	NM_009920_19_-1
Camp	-0.877	-4.981	-3.677	1.258	-4.319	4.096	-4.378	5.553	8.693	-4.981	12796	CAMP	NM_009921_9_-1
Cnp	8.915	8.877	7.337	7.425	6.999	7.011	6.675	7.172	6.229	6.124	12799	CNP	NM_009923_11_+1
Cnr2	-4.092	-3.788	5.836	5.452	4.019	3.738	4.143	4.412	5.663	5.735	12802	CNR2	NM_009924_4_+1
Col10a1	-1.262	-0.747	-1.640	-1.075	-0.619	-1.013	-2.128	-2.492	-0.922	-1.229	12813	COL10A1	NM_009925_10_+1
Col11a2	-0.787	-1.176	0.647	0.874	-0.518	-0.371	-0.772	-0.620	-1.713	-0.174	12815	COL11A2	NM_009926_17_+1
Col15a1	-0.809	-0.684	-2.838	-1.086	-2.681	-1.393	-2.684	-3.133	-1.980	-2.982	12819	COL15A1	NM_009928_4_+1
Col18a1	-4.981	-4.981	-4.084	-1.751	-2.925	-2.524	-3.569	-2.844	-4.981	-4.981	12822	COL18A1	NM_009929_10_-1
Col4a1	-3.349	-4.981	-3.929	-3.010	-4.885	-2.583	0.160	0.938	2.765	2.062	12826	COL4A1	NM_009931_8_-1
Col4a2	-2.164	-1.589	-4.957	-1.993	-4.724	-2.660	-0.160	-0.070	1.055	-0.991	12827	COL4A2	NM_009932_8_+1
Col9a3	0.410	0.617	-0.014	-0.482	-0.497	2.119	-0.755	0.641	0.838	-0.128	12841	COL9A3	NM_009936_2_+1
Colq	-1.473	-2.160	-0.277	0.610	-1.829	-1.778	-1.078	-0.347	-4.981	-4.981	382864	NA	NM_009937_14_-1
Copa	6.403	5.821	7.505	7.120	7.213	6.754	7.230	7.043	8.089	8.091	12847	COPA	NM_009938_1_+1
Cops2	4.794	5.058	4.952	4.949	4.217	4.677	4.623	4.563	4.677	5.055	12848	NA	NM_009939_2_-1
Coq7	4.493	4.801	3.856	4.070	3.607	3.837	3.534	3.913	2.551	2.648	12850	COQ7	NM_009940_7_-1
Cox4i1	9.350	9.122	8.663	8.795	8.651	8.658	8.959	8.992	8.570	8.325	12857	COX4I1	NM_009941_8_+1
Cox5b	8.276	8.029	8.081	8.027	8.129	7.996	8.168	7.848	7.190	6.838	12859	NA	NM_009942_1_+1
Cox6a2	10.045	9.386	-0.755	-0.902	-1.252	-0.256	-0.014	0.475	-2.195	-4.981	12862	COX6A2	NM_009943_7_-1
Cox7a1	-1.776	-2.132	-1.179	-0.903	-1.530	-1.185	-1.651	-1.615	-2.202	-1.906	12865	COX7A1	NM_009944_7_+1
Cox7a2	8.005	7.921	7.537	7.558	7.427	7.549	7.572	7.443	6.665	6.503	12866	COX7A2	NM_009945_9_-1
Cplx2	-2.431	-2.563	-2.658	-3.175	-2.842	-1.974	-2.876	-1.367	-3.233	-2.050	12890	CPLX2	NM_009946_13_+1
Cpt1b	-0.798	-0.648	-0.661	-2.493	-0.848	-0.639	-2.056	-1.384	-1.263	-0.437	12895	CPT1B	NM_009948_15_-1
Cpt2	3.851	4.064	4.404	4.735	3.710	3.947	4.076	4.068	4.250	4.343	12896	CPT2	NM_009949_4_-1
Cradd	3.311	2.902	2.436	2.279	2.652	2.580	2.561	2.206	3.006	2.586	12905	CRADD	NM_009950_10_-1
Creb1	2.925	3.198	3.653	3.481	3.456	3.221	3.665	3.384	2.804	3.974	12912	CREB1	NM_009952_1_+1
Bcar1	-4.379	-4.981	-4.519	-4.717	-4.869	-4.947	-4.832	-4.561	-4.981	-4.700	12927	BCAR1	NM_009954_8_-1
Dpysl2	5.090	5.290	4.800	4.396	4.283	3.403	4.990	4.777	4.715	4.541	12934	DPYSL2	NM_009955_14_-1
Ptgdrr2	-4.981	-4.981	-0.510	-1.428	-0.640	-1.857	-3.310	-0.580	-3.805	-4.981	14764	PTGDR2	NM_009962_19_+1
Cry2	2.371	2.421	1.737	1.759	3.020	2.464	2.347	1.651	2.874	2.289	12953	CRY2	NM_009963_2_-1
Cryab	-0.733	-0.733	-2.516	0.393	-2.820	-4.654	-1.213	-3.295	-2.503	-1.865	12955	CRYAB	NM_009964_9_+1
Cryz	1.016	2.118	3.362	4.340	3.452	3.831	2.773	3.022	0.541	1.948	12972	CRYZ	NM_009968_3_+1
Csf2	-4.981	-4.981	-4.875	-4.875	-4.398	-2.854	-3.172	-4.154	-4.981	-4.981	12981	CSF2	NM_009969_11_-1
Csf2ra	4.857	4.864	7.709	7.619	7.121	7.352	7.573	7.770	8.583	8.463	12982	CSF2RA	NM_009970_19_-1
Csnk2a2	3.645	3.832	4.045	4.010	3.591	3.267	3.548	3.366	3.692	3.598	13000	CSNK2A2	NM_009974_8_-1
Csnk2b	7.342	7.123	6.865	6.790	6.675	6.578	6.493	6.548	6.156	6.000	13001	CSNK2B	NM_009975_17_-1
Cst3	10.953	10.503	13.953	13.776	10.463	11.114	11.717	12.408	11.304	12.361	13010	CST3	NM_009976_2_-1
Cst7	3.225	1.066	0.815	1.822	4.132	4.739	3.968	3.914	1.271	0.406	13011	CST7	NM_009977_2_+1
Ctbp2	1.480	0.927	4.565	4.681	2.841	2.759	4.324	4.560	5.291	5.503	13017	CTBP2	NM_009980_7_-1
Pcvt1a	4.346	4.354	3.214	3.060	4.243	4.172	4.837	4.484	6.407	6.180	13026	PCYT1A	NM_009981_16_+1
Ctsc	8.203	8.405	6.842	6.772	8.057	7.833	8.712	9.065	9.810	10.327	13032	CTSC	NM_009982_7_+1
Ctsd	8.331	8.366	5.812	6.417	7.444	7.479	7.680	8.166	8.647	8.771	13033	CTSD	NM_009983_7_-1
Ctsl	11.848	11.649	3.382	3.978	3.952	3.886	4.850	5.543	5.834	6.687	13039	CTSV	NM_009984_13_-1
Ctsw	5.114	4.771	1.243	1.257	0.754	2.369	0.700	2.829	0.366	-1.537	13041	CTSW	NM_009985_19_-1
Cux1	0.036	-1.880	1.562	1.741	0.720	1.710	1.573	0.668	1.473	0.727	13047	NA	NM_009986_5_-1
Cx3cr1	-0.277	-1.787	3.825	3.394	3.027	2.498	7.388	8.168	8.982	9.016	13051	CX3CR1	NM_009987_9_-1
Cxadr	-0.549	-3.267	-4.284	-2.628	-3.386	-1.289	-4.159	-3.478	-4.160	-2.571	13052	CXADR	NM_009988_16_+1
Clip2	-3.453	-3.008	0.392	-1.894	-4.422	-1.674	-3.481	-4.729	-4.230	-4.530	269713	CLIP2	NM_009990_5_-1
Cyp21a1	-4.981	-4.981	-4.981	-4.981	-4.953	-4.442	-4.981	-4.981	-4.981	-4.981	13079	CYP21A2	NM_009995_17_-1
Cyp2b10	-4.981	-4.981	-4.910	-3.729	-3.011	-3.307	-4.929	-4.955	-1.658	-1.771	13088	CYP2B6	NM_009999_7_+1
Cyp2j6	-0.112	-0.036	-4.672	-3.414	-3.210	-2.948	-2.272	-2.001	-4.981	-1.671	13110	CYP2J2	NM_010008_4_-1
Cyp46a1	-2.443	-0.888	-4.981	-4.981	-4.318	-4.936	-4.981	-4.981	-4.981	-4.981	13116	CYP46A1	NM_010010_12_+1
Cyp8b1	-4.981	-4.981	3.097	4.531	-4.962	-4.683	-3.991	-1.087	-4.981	-4.342	13124	CYP8B1	NM_010012_9_-1
Dad1	0.284	-0.731	-0.623	-3.066	0.668	-1.790	-0.802	-2.759	-0.336	-4.129	13135	DAD1	NM_010015_14_-1
Cd55	3.278	1.844	0.814	2.169	1.098	2.524	2.093	4.747	-0.519	-0.059	13136	CD55	NM_010016_1_-1
Dag1	0.986	0.833	1.420	0.776	-0.604	-0.412	-0.696	0.422	1.953	2.758	13138	DAG1	NM_010017_9_-1
Dao	-4.981	-4.830	-4.909	-4.969	-4.905	-4.962	-4.939	-4.978	-4.976	-4.981	13142	DAO	NM_010018_5_+1
Dapk2	-3.349	0.076	1.813	3.834	2.045	3.761	0.655	1.880	0.131	-0.284	13143	DAPK2	NM_010019_9_+1
Slc6a3	-4.981	-4.981	-3.789	-3.918	-4.012	-0.911	-4.960	-4.538	-4.981	-4.981	13162	SLC6A3	NM_010020_13_+1
Dazl	-4.319	-3.315	-3.107	-3.649	-2.111	-2.866	-3.691	-4.962	-4.261	-4.981	13164	DAZZ	NM_010021_17_-1
Dbt	4.143	4.734	4.404	4.674	3.823	4.296	3.562	4.107	3.714	4.045	13171	DBT	NM_010022_3_+1
Eci1	5.371	5.272	5.376	5.615	5.048	5.159	5.238	5.405	4.753	4.256	13177	ECI1	NM_010023_17_+1
Asap1	-0.979	-4.172	-3.566	-4.180	-1.458	-1.816	-2.606	-4.151	-3.926	-2.635	13196	ASAP1	NM_010026_15_-1
Ddt	5.761	5.630	5.233	5.077	5.050	5.171	5.335	4.917	3.621	3.162	13202	DDT	NM_010027_10_-1
Ddx3x	7.491	7.520	7.901	8.007	7.833	8.106	7.890	8.029	8.106	8.625	13205	DDX3X	NM_010028_X_+1
Ddx4	-1.663	-4.981	-2.015	-1.598	-1.193	-3.280	-2.127	-1.342	-1.371	-2.453	13206	DDX4	NM_010029_13_-1
Des	-1.774	-1.799	-2.021	-4.173	-3.832	-4.507	-2.715	-2.219	-2.298	-4.981	13346	DES	NM_010043_1_+1
Dffa	1.977	2.468	1.800	2.502	2.621	2.851	1.572	2.381	1.902	2.402	13347	DFFA	NM_010044_4_+1
Ackr1	-4.981	0.159	-1.372	1.026	3.300	2.773	2.027	1.927	-2.953	-1.977	13349	ACKR1	NM_010045_1_-1
Dgat1	3.856	4.131	3.475	3.460	3.898	3.934	4.264	3.859	4.629	4.174	13350	DGAT1	NM_010046_15_-1
Dgcr6	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	13353	NA	NM_010047_16_+1
Dgcr2	4.263	4.169	4.136	4.085	4.245	4.122	4.299	4.365	5.050	5.023	13356	DGCR2	NM_010048_16_-1
Dhfr	2.221	2.974	3.658	3.668	3.890	3.679	3.294	3.182	1.382	0.787	13361	DHFR	NM_010049_13_+1
Dio2	-4.981	-4.981	-4.981	-4.981	-4.966	-4.857	-4.924	-3.904	-3.242	-3.882	13371	DIO2	NM_010050_12_-1
Dkk1	-4.981	-4.981	-4.981	-4.981	-3.762	-4.940	-4.974	-4.966	-4.981	-4.316	13380	DKK1	NM_010051_19_-1

Ext2	5.530	5.841	5.327	5.592	5.093	5.298	5.209	5.698	6.097	6.229	14043	EXT2	NM_010163_2_-1
Eya1	2.713	2.250	-0.971	-2.624	-0.596	-3.850	-2.556	-3.170	-3.886	-4.739	14048	EYA1	NM_010164_1_-1
Eya2	-3.563	-4.670	-4.912	-1.932	-2.832	-2.570	-1.958	-0.867	-4.693	-4.981	14049	EYA2	NM_010165_2_+1
Eya3	-0.939	-3.660	-4.283	-4.681	-3.162	-1.334	-4.589	-2.092	-4.442	-4.566	14050	EYA3	NM_010166_4_+1
Eya4	-4.981	-4.981	-4.949	-4.567	-3.726	-4.425	-3.041	-2.893	-4.981	-1.685	14051	EYA4	NM_010167_10_-1
F2	-1.799	-1.244	-3.345	-1.925	-1.827	-2.685	-4.291	-4.449	-4.981	-4.981	14061	F2	NM_010168_2_-1
F2r	-0.961	-0.046	-1.115	1.617	-0.273	0.121	-0.120	1.407	-0.108	-2.969	14062	F2R	NM_010169_13_-1
F2rL2	0.922	0.331	4.089	4.758	-0.800	-0.630	0.221	1.410	0.255	-0.471	14064	F2RL2	NM_010170_13_+1
F3	-4.981	-4.981	-4.824	-4.187	-4.908	-4.963	-4.624	-3.075	-4.981	-4.981	14066	F3	NM_010171_3_+1
F7	-4.981	-4.981	-4.981	-4.981	-4.936	-4.771	-3.537	-4.867	0.943	0.333	14068	F7	NM_010172_8_+1
Faah	1.527	0.082	-0.487	0.743	2.421	2.809	1.162	2.448	-3.471	-1.722	14073	FAAH	NM_010173_4_-1
Fabp3	-2.123	-4.981	-4.477	-4.901	-4.198	-4.972	-2.131	-2.106	-0.845	-1.618	14077	FABP3	NM_010174_4_+1
Fadd	2.359	2.135	2.499	2.617	2.455	2.393	2.423	2.148	2.670	2.768	14082	FADD	NM_010175_7_-1
Fah	0.512	3.654	-0.257	2.345	-0.037	1.669	0.456	2.009	-1.429	1.991	14085	FAH	NM_010176_7_-1
Fasl	0.454	-3.446	-4.541	-2.748	-4.063	2.795	-0.258	0.713	-4.732	-4.981	14103	FASLG	NM_010177_1_-1
Srsf10	4.836	5.302	4.888	5.096	4.850	4.769	4.767	4.952	3.868	4.781	14105	SRSF10	NM_010178_4_+1
Fbln1	-4.981	-4.981	-4.971	-4.782	-2.841	-2.630	-4.807	-4.977	-4.981	-3.480	14114	FBLN1	NM_010180_15_+1
Fbrs	4.683	5.176	4.931	4.980	5.080	5.368	5.053	4.764	4.408	4.645	14123	FBRN1	NM_010183_7_+1
Fcer1a	-4.981	-1.144	-4.942	-0.553	-4.977	-1.907	2.991	-2.523	-4.981	-4.981	14125	FCER1A	NM_010184_1_-1
Fcer1g	10.370	9.038	7.422	6.276	10.058	9.357	10.985	10.049	10.966	9.867	14127	FCER1G	NM_010185_1_-1
Fcgr1	1.795	-1.404	0.595	-0.080	1.297	0.837	3.804	5.756	6.504	6.915	14129	FCGR1A	NM_010186_3_-1
Fcgr2b	4.522	5.813	4.789	2.157	2.913	2.112	7.157	6.552	7.850	6.381	14130	FCGR2B	NM_010187_1_-1
Fcgr3	3.733	1.135	2.995	2.409	3.792	2.963	6.901	7.183	9.297	8.698	14131	FCGR2A	NM_010188_1_-1
Fcgrt	6.526	6.145	7.744	7.945	6.338	6.021	7.216	7.383	6.649	6.590	14132	FCGRT	NM_010189_7_-1
Fcnb	-4.981	-4.981	-4.948	-4.179	-4.949	-3.052	-4.880	-4.077	5.501	0.728	14134	FCN1	NM_010190_2_-1
Fdft1	6.808	7.000	4.895	3.852	4.399	4.360	4.613	4.701	4.794	5.004	14137	FDF1	NM_010191_14_-1
Fem1a	4.094	4.209	4.385	4.438	4.573	4.328	4.716	4.739	5.206	5.038	14154	FEM1A	NM_010192_17_+1
Fem1b	4.133	4.430	4.527	4.420	4.442	4.481	4.412	4.772	4.496	4.716	14155	FEM1B	NM_010193_9_-1
Fes	6.738	6.625	6.783	6.155	7.611	7.152	7.686	7.029	8.747	7.679	14159	FES	NM_010194_7_-1
Lgr5	2.470	2.139	-3.692	-4.816	-3.262	-4.749	-4.063	-3.214	-2.678	-3.667	14160	LGR5	NM_010195_10_-1
Fgf1	-2.147	-1.118	-3.260	-2.507	-3.173	-2.655	-2.808	-1.119	-3.738	-2.725	14164	FGF1	NM_010197_18_-1
Fgf11	-4.621	-4.981	-4.257	-4.563	-4.732	-3.323	-4.392	-2.565	-2.283	-4.360	14166	FGF11	NM_010198_11_-1
Fgf13	-4.981	-4.981	-4.981	-4.981	-4.918	-4.918	-4.933	-4.145	-4.981	-4.981	14168	FGF13	NM_010200_X_-1
Fgf6	-4.981	-4.981	-4.978	-4.222	-4.894	-3.496	-3.077	-4.991	-4.981	-4.981	14177	FGF6	NM_010204_6_+1
Fgfr1	-3.803	-0.240	-0.869	-1.095	-4.298	-1.492	0.945	-0.470	-2.295	-4.903	14182	FGFR1	NM_010206_8_+1
Fgr	8.240	8.450	6.066	6.448	8.627	8.833	8.727	8.839	9.637	9.655	14191	FGR	NM_010208_4_+1
Fh1	6.619	7.292	6.870	7.552	7.025	7.345	7.021	7.325	5.567	6.311	14194	FH	NM_010209_1_-1
Fhit	-1.060	-4.981	-4.426	-4.626	-3.852	-3.712	-4.934	-4.903	-4.830	-4.963	14198	FHIT	NM_010210_14_-1
Fhl1	-4.360	-2.060	-4.891	-0.506	-2.634	-1.776	-4.288	-3.029	0.850	0.886	14199	FHL1	NM_010211_X_+1
Fhl2	-4.981	-2.437	-2.818	-4.870	-4.941	-3.944	-3.652	-3.344	-2.934	-4.981	14200	FHL2	NM_010212_1_-1
Fhl3	-1.518	1.158	-2.221	0.006	1.291	4.438	0.074	2.348	-1.635	1.185	14201	FHL3	NM_010213_4_+1
Fhl4	0.951	1.470	-0.713	-1.779	0.346	0.550	-2.837	-3.217	-4.981	-3.855	14202	NA	NM_010214_10_-1
Il4i1	3.706	4.315	7.590	8.120	8.662	8.787	8.065	7.307	2.218	2.161	14204	IL4I1	NM_010215_7_+1
Vegfd	1.584	1.507	-4.952	-4.952	-4.566	-4.963	-4.782	-4.975	-4.981	-4.981	14205	VEGFD	NM_010216_X_+1
Ctgf	-2.494	-4.981	-3.640	0.032	-3.533	-1.434	-3.592	0.686	-4.981	-1.099	14219	CTGF	NM_010217_10_+1
Fjx1	-2.948	-4.981	-3.501	-3.765	-4.577	-3.492	-4.833	-2.912	-4.981	-4.981	14221	FJX1	NM_010218_2_-1
Fkbp4	6.519	6.750	6.354	6.091	5.956	5.842	6.056	6.382	5.812	5.748	14228	FKBP4	NM_010219_6_-1
Fkbp5	3.358	3.511	3.258	3.286	4.320	4.199	4.073	3.593	5.315	4.575	14229	FKBP5	NM_010220_17_-1
Fkbp10	-2.238	-4.981	-0.975	-1.847	-4.484	-4.985	-4.969	-4.712	-4.981	-4.981	14230	FKBP10	NM_010221_11_+1
Fkbp7	3.658	3.359	1.779	1.512	1.222	1.331	2.011	1.677	2.411	2.242	14231	FKBP7	NM_010222_2_-1
Fkbp8	3.765	3.744	3.904	4.140	4.210	4.068	3.425	3.743	4.178	3.459	14232	FKBP8	NM_010223_8_+1
Foxs1	-2.178	-4.981	-4.926	-2.933	-1.585	-0.178	-3.351	-3.073	-4.981	-4.981	14239	FOX1	NM_010226_2_-1
Flna	4.507	4.086	7.806	7.560	7.821	7.637	8.663	8.910	11.038	11.088	192176	FLNA	NM_010227_X_-1
Flt1	-3.563	-1.137	4.423	4.414	-4.976	-4.076	1.903	1.285	4.435	3.170	14254	FLT1	NM_010228_5_-1
Flt3	8.380	8.512	9.351	8.972	8.910	8.802	8.594	7.731	6.171	4.555	14255	FLT3	NM_010229_5_-1
Fmn1	-4.981	-4.981	-4.981	-4.981	-4.583	-3.520	-4.976	-4.978	-4.981	-4.981	14260	FMN1	NM_010230_2_+1
Fmo5	1.718	2.247	3.506	3.190	0.995	2.774	0.454	1.489	1.753	2.634	14263	FMO5	NM_010232_3_+1
Fn1	-4.865	-4.981	-4.910	-4.916	-4.974	-4.969	-4.575	-3.222	2.120	1.195	14268	FN1	NM_010233_1_-1
Fos	11.001	11.094	10.906	10.901	11.764	11.943	11.196	11.441	12.632	13.276	14281	FOS	NM_010234_12_+1
Fosl1	-4.981	-4.981	-4.980	-4.560	-4.863	-3.842	-1.658	-2.862	-3.228	-2.277	14283	FOSL1	NM_010235_19_+1
Fpgs	3.197	2.627	2.695	2.904	2.539	2.868	2.443	2.913	2.084	2.019	14287	FPGS	NM_010236_2_-1
Brd2	5.447	5.249	6.327	6.413	5.755	5.903	6.029	6.092	6.425	6.541	14312	BRD2	NM_010238_17_-1
Fth1	14.122	14.466	11.707	11.697	12.316	12.201	12.534	12.190	10.944	11.224	14319	FTH1	NM_010239_19_+1
Ftl1	12.341	12.447	12.298	12.502	12.432	12.345	12.723	12.939	13.422	13.697	14325	FTL1	NM_010240_7_-1
Aktip	-3.571	-3.430	-4.277	-4.308	-4.488	-4.831	-3.792	-4.867	-3.929	-2.392	14339	AKTIP	NM_010241_8_-1
Fut4	2.587	2.514	3.987	4.226	5.555	5.092	5.658	4.707	5.446	5.434	14345	FUT4	NM_010242_9_-1
Fv1	0.494	1.146	0.430	0.764	0.384	1.165	0.548	1.399	1.269	1.702	14349	NA	NM_010244_4_+1
Fzd9	-1.551	0.083	-4.511	-2.471	-4.987	-3.021	-4.954	-4.643	-4.394	-4.981	14371	FZD9	NM_010246_5_-1
Xrcc6	6.402	5.839	4.314	4.149	5.002	4.656	4.585	4.124	3.556	2.701	14375	XRCC6	NM_010247_15_+1
Gab2	2.621	1.444	3.496	3.021	3.562	3.059	4.753	3.706	5.878	5.266	14389	GAB2	NM_010248_7_+1
Gabpb1	1.323	2.793	1.991	2.491	1.584	0.914	0.872	1.162	-1.213	1.564	14391	GABPB1	NM_010249_2_-1
Gal	-4.981	0.613	-2.418	-1.589	0.463	1.885	-0.982	0.492	0.577	-0.989	14419	GAL	NM_010253_19_-1
Gamt	2.192	2.416	2.170	2.155	0.451	0.153	1.511	2.055	3.214	2.911	14431	GAMT	NM_010255_10_-1
Gart	4.754	4.363	4.743	5.068	5.578	5.344	5.213	5.296	5.095	4.973	14450	GART	NM_010256_16_-1

Gata6	-4.981	-2.997	-3.380	-3.244	-4.947	-4.779	-4.978	-4.406	-4.394	-4.981	14465	GATA6	NM_010258_18+_1
Gbp2b	-4.981	-1.059	0.906	8.350	-4.072	1.346	-1.462	3.554	-4.981	0.603	14468	GBP2	NM_010259_3+_1
Gbp2	1.853	1.622	4.164	7.566	4.421	5.909	5.145	6.726	5.165	5.646	14469	GBP2	NM_010260_3+_1
Rabac1	8.396	8.307	6.863	6.480	6.890	7.397	7.421	7.367	7.202	6.838	14470	RABAC1	NM_010261_7-_1
Nr6a1	-4.499	-1.485	-1.849	-2.265	-3.233	-2.289	-3.364	-1.480	-4.407	-4.648	14536	NR6A1	NM_010264_2-_1
Gcnt1	0.164	0.093	-0.471	-3.339	-0.850	-2.249	0.025	-1.837	0.756	0.522	14537	GCNT1	NM_010265_19-_1
Gda	-1.681	-0.973	-0.832	2.063	-1.741	1.890	4.099	4.324	7.027	7.325	14544	GDA	NM_010266_19-_1
Gdap1	-4.981	-0.824	-2.876	-4.959	-2.051	-0.528	-4.965	-4.953	-4.981	-4.981	14545	GDAP1	NM_010267_1+_1
Gdap2	4.908	5.028	5.379	5.222	4.655	4.760	5.002	4.962	5.777	5.657	14547	GDAP2	NM_010269_3+_1
Mrps33	7.477	7.279	6.800	6.803	6.393	6.609	6.701	6.489	5.471	5.538	14548	MRPS33	NM_010270_6-_1
Gpd1	0.151	-4.981	-1.211	0.392	-0.001	-0.247	-0.180	0.290	-0.726	-1.650	14555	GPD1	NM_010271_15+_1
Gdf11	-4.981	-4.981	-4.912	-4.235	-3.069	-3.556	-4.922	-3.254	-4.981	-4.316	14561	GDF11	NM_010272_10-_1
Gdi1	6.677	6.892	7.146	7.136	7.917	7.879	7.317	7.414	7.515	7.491	14567	GDI1	NM_010273_X+_1
Gpd2	2.630	3.460	5.971	6.045	5.613	5.201	4.656	4.885	5.075	4.730	14571	GPD2	NM_010274_2+_1
Gdnf	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.978	-4.829	-4.981	-4.981	14573	GDNF	NM_010275_15+_1
Gem	6.566	7.104	2.006	2.878	3.981	3.860	2.311	2.941	-0.675	-1.116	14579	GEM	NM_010276_4+_1
Gfap	-4.981	-4.981	-4.946	-1.421	-3.438	-2.590	-3.838	-3.948	-4.394	-3.354	14580	GFAP	NM_010277_11-_1
Gfi1	-4.441	-4.181	-4.782	-4.185	-4.751	-0.874	-4.610	-3.055	-4.584	-4.981	14581	GFI1	NM_010278_5-_1
Gfra1	-4.672	-4.981	-4.920	-4.927	-4.981	-4.981	-4.980	-4.981	-4.981	-4.981	14585	GFRA1	NM_010279_19-_1
Gfra3	2.746	1.956	-4.960	-4.960	-4.975	-4.975	-4.981	-4.981	-4.981	-4.981	14587	GFRA3	NM_010280_18-_1
Ggh	4.253	3.215	3.838	2.809	5.476	4.539	5.828	4.726	6.877	5.932	14590	GGH	NM_010281_4+_1
Ggps1	5.887	5.202	5.160	4.806	5.209	4.746	4.894	4.603	4.798	4.352	14593	GGPS1	NM_010282_13-_1
Ggta1	0.209	2.282	2.272	2.372	3.763	3.314	3.156	3.458	3.302	3.646	14594	NA	NM_010283_2-_1
Ghr	-4.981	-4.981	-4.975	-4.981	-4.981	-4.981	-4.896	-4.935	-4.731	-4.006	14600	GHR	NM_010284_15-_1
Tsc22d3	9.564	8.643	8.049	7.475	8.564	8.563	8.240	8.362	8.441	8.535	14605	TSC22D3	NM_010285_X-_1
Gpr83	-4.981	-4.981	-4.927	-4.574	-2.239	-2.247	1.765	2.088	-0.387	1.691	14608	GPR83	NM_010287_9+_1
Gja1	-1.549	-2.437	-3.206	-1.405	-3.845	-1.413	-3.700	-0.580	-2.450	-1.795	14609	GJA1	NM_010288_10+_1
Gck	-4.981	-4.981	-4.981	-4.981	-4.049	-4.873	-4.951	-4.133	-4.981	-4.981	103988	GCK	NM_010292_11-_1
Gclc	4.152	4.250	7.364	5.995	4.503	4.223	4.520	4.927	4.942	4.748	14629	GCLC	NM_010295_9+_1
Gli1	-4.981	-4.981	-1.533	-3.798	-1.645	-2.779	-0.867	-2.155	-1.891	-1.197	14632	GLI1	NM_010296_10-_1
Gm2a	9.473	9.571	11.759	11.620	11.243	11.578	11.233	11.332	10.394	10.666	14667	GM2A	NM_010299_11+_1
Gna11	6.397	6.195	4.037	4.091	3.974	3.954	3.790	3.604	4.032	3.732	14672	GNA11	NM_010301_10-_1
Gna12	3.200	3.445	3.991	4.614	3.818	3.777	3.919	4.736	4.610	5.111	14673	GNA12	NM_010302_5-_1
Gna13	6.972	6.664	6.600	6.605	6.171	6.019	5.960	6.184	6.576	6.690	14674	GNA13	NM_010303_11+_1
Gna15	6.489	6.844	5.459	5.909	2.612	2.694	3.406	4.046	4.307	3.863	14676	GNA15	NM_010304_10-_1
Gnai1	0.993	2.014	-4.974	-3.854	-4.960	-4.949	-4.973	-2.685	-4.981	-4.981	14677	GNAI1	NM_010305_5-_1
Gnai3	5.927	6.412	7.232	7.303	6.875	6.870	6.865	6.936	7.208	7.722	14679	GNAI3	NM_010306_3-_1
Gnal	4.556	4.406	4.959	4.802	4.312	4.521	4.396	4.393	4.416	4.465	14680	GNAL	NM_010307_18+_1
Gnao1	-3.090	-4.981	-2.948	-4.841	-4.149	-4.975	-4.448	-4.950	-4.981	-3.797	14681	GNAO1	NM_010308_8+_1
Gnas	-2.548	-4.981	-4.848	-4.874	-4.903	-4.954	-4.981	-4.918	-4.981	-4.981	14683	GNAS	NM_010309_2+_1
Gnaz	-4.981	-1.805	-3.707	-3.324	-3.309	-1.763	-2.476	-3.533	-1.097	-0.250	14687	GNAZ	NM_010311_10+_1
Gnb2	6.681	6.440	7.265	7.329	7.139	7.008	7.362	7.363	8.263	8.180	14693	GNB2	NM_010312_5-_1
Gnb5	-1.738	-1.915	-3.470	-3.178	-2.962	-3.852	-2.310	-4.089	-4.394	-2.874	14697	GNB5	NM_010313_9+_1
Gng2	3.478	2.868	3.750	3.783	2.539	2.898	2.339	2.314	3.233	2.435	14702	GNG2	NM_010315_14-_1
Gng3	-2.871	-2.374	-2.302	-3.085	-3.419	-4.410	-2.942	-2.397	-2.986	-3.234	14704	GNG3	NM_010316_19-_1
Gng4	-4.981	-4.981	-1.868	-4.908	-3.232	-4.015	-3.582	-3.743	-4.981	-4.981	14706	GNG4	NM_010317_13+_1
Gng5	9.048	8.855	8.370	8.394	8.345	8.499	8.972	8.844	8.209	8.544	14707	GNG5	NM_010318_3+_1
Gng7	-3.040	-2.648	-1.695	-1.576	-0.312	0.159	-0.718	-3.437	-1.176	-0.372	14708	GNG7	NM_010319_10-_1
Gng8	-4.981	-4.981	-4.981	-4.981	-4.809	-4.226	-4.977	-4.971	-4.981	-4.981	14709	GNG8	NM_010320_7+_1
Gnmt	-2.604	-0.349	-1.454	-1.961	0.408	1.172	0.843	1.104	1.622	2.564	14711	GNMT	NM_010321_17-_1
Gnpat	5.174	5.276	5.357	5.528	5.346	5.431	5.222	5.500	5.575	5.624	14712	GNPAT	NM_010322_8+_1
Got1	5.010	5.521	5.106	5.653	4.078	4.628	4.257	4.670	2.653	3.737	14718	GOT1	NM_010324_19-_1
Got2	6.266	5.968	8.056	8.307	7.481	7.296	6.829	6.827	7.086	6.739	14719	GOT2	NM_010325_8-_1
Gp1ba	-0.290	-0.896	-1.117	-1.082	-0.332	-0.733	0.091	-1.996	-0.322	0.553	14723	GP1BA	NM_010326_11+_1
Gp1bb	-1.714	-0.875	-4.286	0.210	-1.794	-1.470	-1.705	-0.489	0.734	0.387	14724	GP1BB	NM_010327_16-_1
Emb	5.396	7.331	4.483	3.861	7.608	7.554	8.371	8.376	9.700	9.899	13723	EMB	NM_010330_13+_1
Gpaa1	5.411	5.319	4.815	4.907	4.933	5.134	5.277	5.361	5.622	5.241	14731	GPAA1	NM_010331_15+_1
Ednra	-4.981	-4.981	-4.900	-4.900	-2.673	-4.108	-4.938	-4.346	-2.712	-4.981	13617	EDNRA	NM_010332_8-_1
S1pr2	0.549	0.640	3.172	2.820	0.833	0.471	2.960	4.004	5.731	5.692	14739	S1PR2	NM_010333_9-_1
Lpar1	-4.981	-3.863	-1.833	-0.913	0.886	1.205	0.448	1.196	-1.737	-0.213	14745	LPAR1	NM_010336_4-_1
Gsr	6.366	3.704	6.641	6.167	5.923	5.405	8.184	6.226	10.791	7.843	14782	GSR	NM_010344_8+_1
Grb10	-4.981	-4.981	-4.893	-1.288	-4.363	-1.679	-4.956	-1.050	-4.981	-4.885	14783	GRB10	NM_010345_11-_1
Grb7	-2.739	-4.981	-2.613	-0.650	-3.752	-3.888	-3.960	-3.508	-4.981	-4.981	14786	GRB7	NM_010346_11+_1
Aes	7.583	7.385	7.146	7.306	7.780	7.546	7.545	7.390	7.428	7.199	14797	AES	NM_010347_10+_1
Grin2c	-4.981	-4.981	-3.345	-3.326	-0.094	-0.451	-1.216	-1.752	-4.981	-4.342	14813	GRIN2C	NM_010350_11-_1
Gsg1	-4.795	-4.628	-4.860	-4.956	-4.955	-4.973	-4.844	-4.961	-4.963	-4.960	14840	GSG1	NM_010352_6-_1
Gsg2	1.531	1.076	3.507	3.048	3.212	2.990	3.075	2.896	2.602	2.510	14841	GSG2	NM_010353_11-_1
Gsta3	-2.164	-4.981	-4.373	-4.935	-2.324	-4.028	-3.482	-4.190	-4.981	-2.684	14859	GSTA3	NM_010356_1+_1
Gsta4	-1.733	-2.097	-2.348	0.705	-0.271	0.551	-0.351	1.216	-1.028	-1.292	14860	NA	NM_010357_9+_1
Gstm1	2.953	3.502	1.993	3.192	1.704	3.158	4.955	5.227	7.691	7.300	14862	GSTM5	NM_010358_3-_1
Gstm5	1.558	3.039	-0.716	2.788	0.262	3.106	1.017	3.557	0.106	1.238	14866	GSTM3	NM_010360_3+_1
Gstt2	5.008	4.716	3.693	3.825	2.593	3.536	2.972	3.425	1.367	1.607	14872	GSTT2 GSTT2B	NM_010361_10-_1
Gsto1	5.815	5.706	7.680	7.496	8.582	8.440	8.524	7.938	7.919	7.482	14873	GSTO1	NM_010362_19+_1
Gstz1	4.446	4.562	3.159	3.553	2.892	3.250	2.911	2.995	2.422	2.278	14874	GSTZ1	NM_010363_12+_1

Gtf2h4	4.265	4.379	3.558	3.557	3.209	3.239	3.367	3.494	3.203	3.237	14885	GTF2H4	NM_010364_17_-_1
Gtf2i	4.698	4.695	3.120	3.396	3.324	3.622	2.378	2.580	2.384	3.305	14886	GTF2I	NM_010365_5_-_1
Mag1i	-4.981	-4.981	-4.975	-4.975	-4.975	-4.973	-4.979	-4.948	-4.981	-4.925	14924	MAG1I	NM_010367_6_-_1
Gusb	6.559	6.649	9.631	9.883	6.017	5.960	6.684	7.442	7.698	7.914	110006	GUSB	NM_010368_5_-_1
Gypa	-0.363	3.573	0.031	4.398	1.042	4.829	1.555	4.553	-0.188	2.063	14934	NA	NM_010369_8_+_1
Gzma	2.030	-4.981	1.144	-1.494	-1.289	0.665	1.787	1.946	1.062	-4.981	14938	GZMA	NM_010370_13_-_1
Gzmc	-4.981	-4.981	-4.887	-4.887	-4.899	-4.417	-3.488	-3.154	-4.981	-4.981	14940	NA	NM_010371_14_-_1
H13	8.865	8.763	7.445	7.514	7.226	7.054	7.458	7.648	7.849	7.447	14950	HM13	NM_010376_2_+_1
H2-Aa	12.416	12.427	13.207	13.207	13.513	13.358	13.346	13.053	7.530	7.259	14960	HLA-DQA1	NM_010378_17_-_1
H2-D1	12.625	12.469	11.983	12.127	12.188	11.961	12.251	12.209	13.527	12.650	14964	HLA-A	NM_010380_17_-_1
H2-Ea-ps	0.377	-0.445	-2.067	-2.554	0.107	-0.933	-1.816	-2.951	-3.738	-4.981	100504404	HLA-DRA	NM_010381_17_-_1
H2-Eb1	11.338	11.164	12.947	12.853	13.185	13.025	12.927	12.784	6.428	5.656	14969	HLA-DRB5	NM_010382_17_-_1
Pfdn6	5.857	5.710	5.003	5.130	5.279	5.194	5.613	5.400	4.716	4.333	14976	PFDN6	NM_010385_17_-_1
H2-DMa	9.804	9.592	10.032	10.028	9.738	9.768	9.774	9.941	8.142	8.150	14998	HLA-DMA	NM_010386_17_+_1
H2-DMb1	8.409	8.287	9.320	9.391	8.918	8.939	9.042	9.312	6.428	6.560	14999	HLA-DMB	NM_010387_17_+_1
H2-DMb2	7.984	7.748	8.967	9.123	10.161	10.270	9.435	9.470	6.023	6.154	15000	HLA-DMB	NM_010388_17_+_1
H2-Ob	2.709	1.000	8.506	8.601	8.985	9.163	8.013	7.729	1.162	1.427	15002	HLA-DOB	NM_010389_17_+_1
H2-Q1	5.200	4.619	4.503	4.771	4.272	4.055	4.316	4.133	3.869	3.043	15006	HLA-A	NM_010390_17_+_1
H2-Q10	1.495	0.850	1.223	1.219	0.920	0.009	0.441	0.474	0.821	-0.124	15007	HLA-A	NM_010391_17_+_1
H2-Q2	5.765	4.992	5.376	5.627	5.234	4.828	5.152	5.056	4.997	3.772	15013	HLA-A	NM_010392_17_+_1
H2-Q7	6.409	5.514	3.546	3.950	2.965	2.692	3.931	3.546	3.360	1.814	15018	HLA-A	NM_010393_17_+_1
H2-T10	6.808	6.522	5.497	5.786	5.511	5.569	5.409	5.291	4.754	4.108	15024	NA	NM_010395_17_-_1
H2-T22	3.429	2.983	1.885	2.753	1.253	0.944	1.752	1.662	1.385	1.076	15039	NA	NM_010397_17_-_1
H2-T23	7.103	6.885	6.605	6.636	6.914	6.927	6.353	6.235	4.787	4.263	15040	HLA-E	NM_010398_17_-_1
H2-T9	3.913	2.698	2.215	2.144	0.895	0.746	1.107	1.104	2.317	1.045	15051	NA	NM_010399_17_-_1
Hal	-2.073	3.382	-3.829	-2.327	-4.842	1.083	-4.483	0.178	1.647	1.596	15109	HAL	NM_010401_10_+_1
Hap1	-1.798	-2.964	2.431	2.957	5.265	5.096	4.901	4.098	-0.431	0.825	15114	HAP1	NM_010404_11_-_1
Hc	-4.981	-4.981	1.612	1.321	-4.594	-3.234	-3.509	-4.768	-3.373	-4.981	15139	C5	NM_010406_2_-_1
Hck	4.312	6.457	7.348	7.501	8.302	8.086	8.095	8.069	8.460	8.757	15162	HCK	NM_010407_2_+_1
Hcn1	-4.981	-4.981	-4.989	-3.531	-4.967	-3.895	-4.244	-4.099	-4.394	-4.981	15165	HCN1	NM_010408_13_+_1
Hdac3	5.847	5.894	5.312	5.415	5.334	5.331	5.107	5.252	5.306	5.360	15183	HDAC3	NM_010411_18_-_1
Hdac5	4.186	3.950	2.583	2.548	3.359	2.904	3.779	3.728	5.558	5.925	15184	HDAC5	NM_010412_11_-_1
Hdac6	-1.487	-0.061	1.312	1.606	-1.003	-0.256	1.473	1.486	-4.066	0.639	15185	HDAC6	NM_010413_X_-_1
Htt	3.344	3.419	4.735	5.014	4.628	4.786	4.304	4.174	2.874	3.312	15194	HTT	NM_010414_5_+_1
Hbegf	-0.736	-1.460	-1.952	-1.619	1.082	2.565	1.309	1.658	-1.101	-0.259	15200	HBEGF	NM_010415_18_-_1
Gml2	-4.981	-4.981	-4.814	-3.910	-4.977	-4.523	-4.970	-4.813	-4.981	-4.342	15202	GML	NM_010416_15_+_1
Herc2	5.041	5.035	4.541	4.595	5.591	5.766	5.242	5.391	4.898	5.270	15204	HERC2	NM_010418_7_+_1
Hes5	0.347	-0.235	-0.157	-2.462	-1.663	-1.808	-1.525	-0.819	-2.989	-4.981	15208	HES5	NM_010419_4_+_1
Hesx1	0.435	-1.157	-4.809	-4.847	-2.059	-4.337	-2.178	-4.977	-4.190	-4.981	15209	HESX1	NM_010420_14_+_1
Hexa	7.745	7.768	7.667	7.921	7.229	7.283	7.853	8.376	8.799	8.993	15211	HEXA	NM_010421_9_+_1
Hexb	6.973	7.144	7.398	7.548	7.157	7.315	7.975	8.364	8.610	8.655	15212	HEXB	NM_010422_13_-_1
Hey1	-4.981	-4.981	-3.597	-4.618	-3.645	-4.310	-2.195	-4.585	-1.640	-2.572	15213	HEY1	NM_010423_3_-_1
Hfe	4.423	1.753	8.537	9.340	7.800	8.262	8.179	8.078	6.946	7.307	15216	HFE	NM_010424_13_-_1
Foxf1	-2.727	-4.981	-4.209	-4.977	-4.854	-4.944	-3.771	-4.927	-3.750	-3.510	15227	FOXF1	NM_010426_8_+_1
Hgf	-4.670	-4.582	-4.837	-4.975	-2.149	-2.735	-0.103	-0.885	1.001	1.511	15234	HGF	NM_010427_5_+_1
Hic1	-4.981	-4.981	0.379	-0.911	2.248	1.580	0.576	-1.984	-3.043	-3.120	15248	HIC1	NM_010430_11_-_1
Hif1a	6.064	6.653	6.140	6.253	6.060	6.243	6.219	6.362	6.883	7.531	15251	HIF1A	NM_010431_12_+_1
Hipk1	2.671	3.236	4.718	3.940	4.572	4.937	4.106	5.274	6.540	6.732	15257	HIPK1	NM_010432_3_-_1
Hipk2	3.031	2.698	4.398	4.825	3.529	3.244	3.786	4.019	4.116	4.002	15258	HIPK2	NM_010433_6_-_1
Hipk3	4.550	4.232	4.930	4.921	4.558	3.776	4.982	5.285	5.939	6.382	15259	HIPK3	NM_010434_2_-_1
Hira	2.315	1.634	2.116	2.062	1.984	1.780	1.828	1.873	2.539	2.317	15260	HIRA	NM_010435_16_+_1
H2afx	4.855	4.235	6.021	6.192	6.150	5.696	5.464	5.213	4.460	4.321	15270	H2AFX	NM_010436_9_+_1
Hivep2	0.787	-1.231	3.703	3.298	3.845	4.229	4.016	4.376	2.346	2.475	15273	HIVEP2	NM_010437_10_+_1
Hk1	0.534	-0.589	-0.694	-2.012	0.146	-0.348	-1.509	-0.846	0.139	-0.386	15275	HK1	NM_010438_10_-_1
Hmgb1	10.182	9.833	8.966	8.775	9.436	9.083	9.381	9.092	8.519	8.229	15289	NA	NM_010439_5_-_1
Hmg20b	2.731	2.582	2.864	2.716	2.091	2.268	2.684	2.357	2.382	2.153	15353	HMG20B	NM_010440_10_-_1
Hmga2	-1.887	0.515	-2.085	-1.039	-2.900	-0.221	-1.867	-0.565	-2.235	0.617	15364	NA	NM_010441_10_-_1
Hmox1	6.464	4.956	6.893	7.679	7.069	6.459	6.777	7.962	6.866	6.893	15368	HMOX1	NM_010442_8_+_1
Hmox2	1.654	0.678	0.494	-1.755	0.105	-0.321	-0.066	-4.760	-0.039	-0.512	15369	HMOX2	NM_010443_16_+_1
Hr4a1	5.702	6.270	7.945	7.559	10.132	9.966	9.413	9.268	10.851	10.591	15370	NR4A1	NM_010444_15_+_1
Hnrnpa1	7.288	7.405	7.336	7.332	7.368	7.209	7.130	7.005	5.584	5.484	15382	NA	NM_010447_15_+_1
Hnrnpab	7.621	7.861	7.917	7.959	7.857	7.705	7.621	7.578	7.060	6.871	15384	HNRNPAB	NM_010448_11_-_1
Hoxa1	-4.981	-4.981	-1.206	-2.796	-2.398	-1.488	-2.404	-3.905	-4.981	-2.885	15394	HOXA1	NM_010449_6_-_1
Hoxa2	1.228	0.381	-4.163	-4.185	-1.633	-3.590	-3.939	-4.982	-4.981	-4.342	15399	HOXA2	NM_010451_6_-_1
Hoxa3	0.820	0.633	-2.512	-3.260	-0.783	-0.692	-2.354	-2.909	-4.981	-4.981	15400	HOXA3	NM_010452_6_-_1
Hoxa5	2.541	2.418	-0.942	-2.341	1.129	0.654	-1.173	-3.232	-4.981	-4.981	15402	HOXA5	NM_010453_6_-_1
Hoxa6	-3.843	-2.895	-4.951	-4.851	-3.793	-4.076	-4.748	-4.849	-4.981	-4.981	15403	HOXA6	NM_010454_6_-_1
Hoxa7	5.517	5.244	1.933	0.540	3.900	3.538	2.384	0.571	-4.981	-3.229	15404	HOXA7	NM_010455_6_-_1
Hoxa9	1.406	1.265	-4.239	-3.611	-3.400	-3.272	-4.961	-4.149	-4.981	-4.981	15405	HOXA9	NM_010456_6_-_1
Hoxb3	-4.981	-1.820	-4.620	-4.784	-2.617	-4.477	-3.040	-4.233	-2.230	-2.115	15410	HOXB3	NM_010458_11_+_1
Hoxb4	0.321	-0.022	0.467	-0.618	0.510	0.083	0.406	-0.227	0.539	0.664	15412	HOXB4	NM_010459_11_+_1
Hoxb7	-2.573	-2.060	-4.960	-4.960	-3.624	-3.171	-4.718	-4.469	-4.981	-4.981	15415	HOXB7	NM_010460_11_+_1
Hoxc6	-3.090	-4.981	-4.976	-4.769	-3.808	-3.775	-4.821	-4.716	-4.981	-4.981	15425	HOXC6	NM_010465_15_+_1
Hp1bp3	5.800	6.010	6.029	5.620	5.763	5.940	6.006	5.590	5.020	5.501	15441	HP1BP3	NM_010470_4_+_1

Hpca	-4.981	-4.981	-4.878	-4.918	-4.968	-4.956	-4.975	-4.971	-4.981	-4.874	15444	HPCA	NM_010471_4_-1
Agfg1	4.397	4.432	5.428	5.345	5.176	5.209	5.229	5.350	6.008	6.229	15463	AGFG1	NM_010472_1_+1
Hrc	-4.981	-4.981	-4.176	-4.970	-4.262	-4.940	-4.973	-4.964	-4.981	-4.316	15464	NA	NM_010473_7_+1
Hs3st1	8.691	8.879	1.862	1.995	-2.632	0.339	0.128	1.959	-2.923	-2.283	15476	HS3ST1	NM_010474_5_-1
Hsd17b1	-4.981	-2.600	-3.337	-3.544	-4.272	-3.723	-3.701	-4.014	-1.963	-3.229	15485	HSD17B1	NM_010475_11_+1
Hsd17b7	3.917	4.056	2.414	2.618	2.265	2.842	1.962	2.463	1.435	2.372	15490	HSD17B7	NM_010476_1_-1
Hspd1	6.539	6.703	7.286	7.294	7.456	7.138	7.004	7.163	6.125	6.030	15510	HSPD1	NM_010477_1_-1
Hspa1b	2.206	3.708	8.207	8.731	8.518	8.514	8.084	8.134	3.217	5.480	15511	NA	NM_010478_17_-1
Hspa1a	1.643	2.929	7.737	8.298	8.109	8.018	7.637	7.734	3.207	5.072	193740	HSPA1A HSPA1B	NM_010479_17_-1
Hsp90aa1	9.012	9.164	8.834	8.805	9.676	9.393	9.144	8.929	6.953	7.194	15519	HSP90AA1	NM_010480_12_-1
Hspa9	6.568	6.671	6.847	6.861	6.722	6.757	6.579	6.875	6.520	6.442	15526	HSPA9	NM_010481_18_-1
Slc6a4	-2.075	-1.910	-1.548	-1.948	-2.412	-1.958	0.614	-1.062	-0.137	1.014	15567	SLC6A4	NM_010482_11_+1
Elav1	6.357	6.516	6.777	6.986	6.675	6.840	6.605	6.790	6.361	6.842	15568	ELAVL1	NM_010483_8_-1
Elav14	-4.981	-4.981	-4.934	-4.966	-3.762	-4.835	-4.914	-4.965	-4.981	-4.842	15572	ELAVL4	NM_010484_4_-1
Hyal2	2.110	2.042	2.652	2.901	1.680	1.962	1.668	2.701	2.486	2.760	15587	HYAL2	NM_010489_9_+1
Ica1	-4.981	-4.981	-3.592	-2.604	-4.831	-3.470	-2.958	-3.241	1.195	-2.991	15893	ICA1	NM_010492_6_-1
Icam1	6.629	6.369	8.384	8.569	8.416	8.308	8.044	8.007	7.315	7.983	15894	ICAM1	NM_010493_9_+1
Icam2	5.407	4.453	3.368	2.989	4.174	3.717	4.622	4.960	4.653	4.477	15896	ICAM2	NM_010494_11_-1
Id1	-3.843	-1.680	-0.888	-0.746	-2.524	-0.625	1.212	0.985	3.000	2.337	15901	ID1	NM_010495_2_+1
Id2	5.772	4.618	11.106	11.258	9.581	9.367	8.556	9.132	7.609	8.073	15902	ID2	NM_010496_12_-1
Idh1	4.799	5.028	6.284	6.775	4.377	4.001	6.204	6.326	8.903	8.495	15926	IDH1	NM_010497_1_-1
Ids	3.894	4.178	4.969	5.023	5.665	5.735	5.926	5.754	6.306	6.933	15931	IDS	NM_010498_X_-1
Ier2	7.140	7.992	8.411	8.705	9.381	10.158	9.418	9.535	9.616	9.801	15936	IER2	NM_010499_8_-1
Ier5	9.273	9.548	9.634	9.455	10.138	10.230	9.339	9.127	8.786	8.725	15939	IER5	NM_010500_1_-1
Ifit3	2.529	1.090	2.353	0.849	6.771	5.124	6.370	4.908	7.063	5.226	15959	IFIT3	NM_010501_19_+1
Ifna1	-2.948	-4.981	-4.970	-4.970	-4.981	-4.981	-4.903	-4.853	-4.981	-4.981	15962	IFNA4	NM_010502_4_+1
Ifna2	-4.981	-4.981	-4.984	-4.984	-4.970	-4.970	-4.929	-4.890	-4.981	-4.981	15965	IFNA4	NM_010503_4_-1
Ifna5	-4.981	-4.981	-4.984	-4.984	-4.981	-4.981	-4.888	-4.835	-4.981	-4.981	15968	IFNA4	NM_010505_4_+1
Ifna9	-4.981	-4.981	-4.952	-4.952	-4.973	-4.973	-4.881	-4.825	-4.981	-4.981	15972	IFNA4	NM_010507_4_-1
Ifnar1	7.196	7.173	6.277	6.101	5.878	5.674	6.615	6.823	7.082	7.735	15975	IFNAR1	NM_010508_16_+1
Ifnar2	7.182	7.480	5.285	5.288	6.177	5.980	6.233	6.394	6.880	7.051	15976	IFNAR2	NM_010509_16_+1
Ifnb1	-4.981	-4.981	-4.984	-4.984	-4.934	-4.934	-4.807	-3.970	-4.394	-2.480	15977	IFNB1	NM_010510_4_-1
Ifngr1	5.746	5.626	10.000	9.904	9.209	9.632	9.540	9.983	10.130	10.642	15979	IFNGR1	NM_010511_10_+1
Igf1	1.914	-0.561	0.391	0.828	1.139	0.672	1.544	1.295	0.016	-0.625	16000	IGF1	NM_010512_10_+1
Igf1r	4.008	3.592	1.355	1.180	0.991	0.653	2.967	2.462	3.005	2.849	16001	IGF1R	NM_010513_7_-1
Igf2	-4.813	-4.981	-4.946	-4.076	-4.975	-3.465	-4.980	-4.980	-4.981	-4.981	16002	IGF2	NM_010514_7_-1
Igf2r	-4.981	-1.972	4.074	3.173	-2.925	-1.008	-0.011	1.082	0.913	0.443	16004	IGF2R	NM_010515_17_-1
Igfbp4	-0.608	-0.408	-0.542	1.000	-0.922	2.635	0.750	4.206	3.527	3.873	16010	IGFBP4	NM_010517_11_+1
Il18bp	2.704	0.535	2.428	2.981	2.727	2.496	2.498	2.571	1.718	1.045	16068	IL18BP	NM_010520_4_-1
Ihh	-1.340	-2.883	-2.557	-2.759	-4.818	-4.359	-3.203	-4.165	-1.803	-1.209	16147	IHH	NM_010544_1_-1
Cd74	14.976	14.743	14.377	14.420	14.810	14.568	14.560	14.555	10.642	10.451	16149	CD74	NM_010545_18_+1
Ikbkb	2.390	2.291	2.548	2.354	2.501	3.164	3.037	2.723	4.459	3.995	16150	IKKBK	NM_010546_8_-1
Ikbkg	4.014	4.493	4.820	4.189	4.766	4.940	4.144	3.966	5.072	4.932	16151	IKBKG	NM_010547_X_+1
Il10	-1.818	-2.895	-2.802	-1.248	-1.848	-1.610	-1.583	-0.887	-3.189	-1.115	16153	IL10	NM_010548_1_+1
Il11ra1	1.272	-0.217	1.827	-1.672	-2.302	-2.594	-3.395	-1.845	-3.883	-0.958	16157	IL11RA	NM_010549_4_+1
Il11ra2	-1.367	-1.541	-4.991	-3.668	-4.953	-4.953	-4.981	-4.980	-4.981	-4.981	16158	IL11RA	NM_010550_4_-1
Il11ra2	-1.930	-3.879	-4.976	-4.218	-4.978	-4.978	-4.981	-4.980	-4.981	-4.981	16158	IL11RA	NM_010550_dup1_4_-2
Il16	7.381	7.262	8.058	7.937	7.904	7.861	7.971	8.063	8.112	7.964	16170	IL16	NM_010551_7_-1
Il18rap	-1.487	-4.981	-0.558	-1.450	0.676	0.394	3.205	1.952	1.795	0.810	16174	IL18RAP	NM_010553_1_+1
Il1a	1.780	-4.981	0.337	-0.668	0.049	-0.109	0.362	1.394	-0.994	-0.488	16175	IL1A	NM_010554_2_-1
Il1r2	-0.434	0.895	-0.260	1.336	4.993	6.155	3.874	4.216	2.242	-0.070	16178	IL1R2	NM_010555_1_+1
Il6ra	3.116	3.286	4.761	4.632	5.827	5.968	6.443	6.289	7.561	7.507	16194	IL6R	NM_010559_3_-1
Il6st	3.825	3.325	6.711	5.712	7.153	6.591	7.266	6.432	6.647	6.940	16195	IL6ST	NM_010560_13_+1
Ilf3	2.969	3.272	2.811	2.811	3.375	2.496	2.613	1.121	2.172	2.564	16201	ILF3	NM_010561_9_+1
Ilk	6.026	5.891	6.745	6.648	7.111	6.864	6.718	6.757	7.063	7.038	16202	ILK	NM_010562_7_+1
Inpp5d	5.090	5.329	7.217	7.347	6.359	6.427	5.988	6.597	7.542	7.643	16331	INPP5D	NM_010566_1_+1
Inpp1l	2.785	1.258	-0.609	-2.112	0.437	-2.084	0.143	-0.251	0.373	0.265	16332	INPP1L	NM_010567_7_-1
Insr	5.162	5.340	4.395	4.478	4.656	4.666	4.780	4.789	5.323	5.284	16337	INSR	NM_010568_8_-1
Invs	2.176	2.072	2.183	2.519	2.719	2.686	1.900	2.111	0.834	1.747	16348	INVS	NM_010569_4_+1
Irs1	-4.981	-4.981	-4.981	-4.981	-4.928	-3.392	-4.968	-4.494	-4.981	-4.981	16367	IRS1	NM_010570_1_-1
Irs3	-4.981	-4.981	-3.061	-4.075	-4.058	-3.982	-2.833	-3.129	-3.750	-2.526	16369	NA	NM_010571_5_-1
Itga2b	-0.372	-1.272	0.271	1.368	-0.433	0.271	2.232	0.158	2.472	2.642	16399	ITGA2B	NM_010575_11_-1
Itga4	6.778	4.977	8.463	7.638	8.633	8.021	8.356	7.923	8.885	9.005	16401	ITGA4	NM_010576_2_+1
Itga5	0.112	-0.399	3.175	2.949	1.652	1.607	3.306	4.031	6.787	6.841	16402	ITGA5	NM_010577_15_-1
Itgb1	6.290	6.715	8.438	8.368	7.348	7.789	8.212	8.566	8.832	9.438	16412	ITGB1	NM_010578_8_+1
Eif6	7.320	7.402	7.116	7.228	7.076	7.089	7.038	7.115	6.956	6.715	16418	EIF6	NM_010579_2_-1
Itgb5	-4.519	-4.354	-3.054	-3.681	-2.451	-4.771	-1.864	-1.237	1.774	1.471	16419	ITGB5	NM_010580_16_+1
Cd47	10.488	10.659	9.060	9.040	9.534	9.751	9.465	9.676	9.411	9.513	16423	CD47	NM_010581_16_+1
Itk	-1.110	0.174	-2.709	-1.133	-1.504	0.686	1.326	2.924	-1.119	-0.514	16428	ITK	NM_010583_11_-1
Itln1	-4.981	-0.657	-4.919	-1.298	-4.894	3.451	-4.863	1.816	-4.981	-1.105	16429	ITLN1	NM_010584_1_-1
Itpr1	6.801	7.037	6.688	6.586	6.571	6.482	5.970	5.872	5.940	5.628	16438	ITPR1	NM_010585_6_+1
Itpr2	3.385	-0.270	2.262	-3.465	1.436	-2.724	2.926	-2.591	3.391	-4.805	16439	ITPR2	NM_010586_6_-1
Itns1	0.809	0.293	-1.604	-2.215	-1.890	-2.171	-2.002	-2.138	-1.132	-1.829	16443	ITSN1	NM_010587_16_+1
Jag2	1.108	0.704	1.658	0.930	-2.211	-2.188	-1.555	-1.930	-2.679	-2.954	16450	JAG2	NM_010588_12_-1

Jak3	3.288	3.226	2.571	1.301	3.966	3.965	3.600	3.530	3.438	3.756	16453	JAK3	NM_010589_8_+1
Ajuba	-2.572	-1.483	1.280	0.167	-0.476	-1.046	0.216	-0.477	-1.732	-3.742	16475	AJUBA	NM_010590_14_-1
Jun	9.241	9.426	8.534	9.002	10.379	10.741	9.451	9.438	8.697	9.322	16476	JUN	NM_010591_4_-1
Jund	6.911	7.049	6.730	6.671	7.006	7.303	6.928	7.147	7.094	6.852	16478	JUND	NM_010592_8_+1
Jup	1.081	0.741	4.400	4.008	3.696	3.146	3.789	3.637	3.753	3.632	16480	JUP	NM_010593_11_-1
Kcnab1	-4.981	-4.981	-4.904	-4.964	-4.972	-4.978	-4.952	-4.974	-4.981	-4.981	16497	KCNAB1	NM_010597_3_+1
Kcnab2	-0.773	-1.047	-1.762	-3.066	-3.325	-4.678	-2.403	-2.487	-1.903	-0.167	16498	KCNAB2	NM_010598_4_-1
Kcnab3	-3.189	-3.315	-0.474	-0.617	-0.550	-0.988	0.275	1.176	1.144	1.426	16499	KCNAB3	NM_010599_11_+1
Kcnh3	-4.981	-4.981	-2.652	-2.161	-1.763	-1.316	-4.927	-0.955	-4.981	-4.981	16512	KCNH3	NM_010601_15_+1
Kcnj11	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.978	-4.941	-4.981	-4.981	16514	KCNJ11	NM_010602_7_-1
Kcnj16	-1.415	-2.234	-0.392	-0.253	-0.613	-1.776	0.134	-1.137	-1.474	-1.059	16517	KCNJ16	NM_010604_11_+1
Kcnk3	-1.853	-3.408	-4.981	-4.981	-2.942	-3.484	-2.585	-2.909	-2.753	-2.747	16527	KCNK3	NM_010608_5_+1
Kcnk7	-3.090	-3.315	-3.969	-3.080	-3.107	-4.566	-3.595	-3.968	-2.069	-3.758	16530	KCNK7	NM_010609_19_+1
Kdr	4.796	3.964	2.788	2.140	0.818	-1.422	1.927	-0.201	-1.754	-0.561	16542	KDR	NM_010612_5_-1
Khsrp	2.819	2.870	4.487	4.042	4.579	3.741	4.211	3.656	5.006	4.325	16549	KHSRP	NM_010613_17_-1
Kif11	-3.843	-0.747	3.263	3.062	4.141	3.599	3.654	2.988	2.741	1.674	16551	KIF11	NM_010615_19_+1
Kif13a	2.654	2.921	3.101	2.405	3.510	3.452	3.635	3.385	4.720	4.229	16553	KIF13A	NM_010617_13_-1
Kif15	1.036	1.600	3.034	3.361	3.833	3.220	2.973	2.609	2.149	1.426	209737	KIF15	NM_010620_9_+1
Kif17	-4.981	-4.981	-1.080	-1.398	1.119	0.820	-0.427	-2.064	-4.981	-4.227	16559	KIF17	NM_010623_4_+1
Kif7	-0.537	-0.970	-3.437	-2.557	-3.985	-3.840	-4.112	-2.606	-2.652	-2.436	16576	KIF7	NM_010626_7_-1
Kif9	2.101	2.014	3.082	2.579	3.147	3.168	2.562	1.900	1.982	2.247	16578	KIF9	NM_010628_9_+1
Kifap3	-2.594	-2.810	-0.831	-1.553	-1.330	-1.405	-1.877	-1.595	-0.807	-1.651	16579	KIFAP3	NM_010629_1_+1
Kifc2	1.202	1.321	0.431	0.030	0.957	1.041	0.324	0.876	0.905	1.529	16581	KIFC2	NM_010630_15_+1
Kifc3	-2.262	-4.413	-2.968	-1.978	-0.866	-2.936	-2.066	1.348	3.553	3.754	16582	KIFC3	NM_010631_8_-1
Uhmk1	1.708	0.741	2.805	2.987	2.837	2.507	2.227	2.288	3.273	3.739	16589	UHMK1	NM_010633_1_-1
Fabp5	5.240	4.645	4.339	5.363	8.012	7.672	8.474	7.391	5.492	5.847	16592	FABP5	NM_010634_3_+1
Klf1	-2.454	1.489	-1.022	3.434	0.434	4.091	0.466	4.565	-0.184	1.444	16596	KLF1	NM_010635_8_+1
Klf12	-4.981	-4.981	-0.304	-0.119	-1.994	-0.325	-2.652	-0.334	-3.925	-4.981	16597	KLF12	NM_010636_14_-1
Klf4	5.552	5.330	3.745	3.721	6.045	6.073	6.583	6.115	6.712	6.414	16600	KLF4	NM_010637_4_-1
Klf9	-0.995	-0.794	0.471	1.170	0.770	1.113	2.090	1.792	4.246	3.550	16601	KLF9	NM_010638_19_+1
Klk1	11.332	11.862	-2.176	0.218	-2.352	1.302	-1.729	2.295	-4.981	-2.064	16612	KLK1	NM_010639_7_+1
Klk1b11	0.032	0.081	-4.966	-4.631	-4.161	-2.971	-3.882	-4.851	-4.394	-4.981	16613	KLK3	NM_010640_7_+1
Klk1b24	-4.981	-2.806	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	16617	KLK3	NM_010643_7_+1
Klk1b1	0.063	0.631	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	16623	KLK3	NM_010645_7_+1
Klra12	-3.376	-4.335	-4.880	-4.016	-4.967	-3.708	-3.338	-4.535	-4.981	-4.981	16630	NA	NM_010646_6_-1
Klra3	-2.178	-4.263	1.687	-2.643	1.461	-4.611	-0.229	-4.891	-4.601	-4.843	16634	NA	NM_010648_6_-1
Klra4	-4.981	1.463	-2.965	-3.734	-4.401	-3.225	-4.777	-2.861	-4.134	-4.981	16635	NA	NM_010649_6_-1
Klra8	-0.995	0.419	-1.849	-0.526	-4.049	-3.867	-1.814	-4.331	-1.859	-2.133	16639	NA	NM_010650_6_-1
Klra9	-2.739	2.947	-2.411	0.826	-3.464	0.258	-1.700	-0.312	-2.177	-1.302	16640	NA	NM_010651_6_-1
Klrc1	-1.446	-1.010	-4.827	-4.597	-2.761	-2.720	-2.631	-4.954	-4.972	-4.981	16641	KLRC1	NM_010652_6_-1
Klrc2	-1.762	-3.903	-4.487	-4.530	-4.954	-4.904	-4.589	-4.371	-4.635	-4.981	16642	NA	NM_010653_6_-1
Klrd1	9.090	9.262	6.066	4.422	7.772	7.929	7.414	5.852	1.399	0.401	16643	KLRD1	NM_010654_6_+1
Kpna2	5.064	4.089	5.643	5.882	6.227	5.671	6.217	5.951	7.126	5.784	16647	KPNA2	NM_010655_11_-1
Sspn	-4.981	-4.981	-4.909	-4.566	-4.973	-4.763	-2.992	-1.473	-4.981	-4.981	16651	SSPN	NM_010656_6_+1
Hivep3	4.357	3.881	2.233	2.308	2.259	2.153	1.642	2.534	3.543	4.232	16656	HIVEP3	NM_010657_4_+1
Mafb	2.131	0.566	1.418	1.911	2.714	2.600	4.783	6.553	7.280	7.716	16658	MAFB	NM_010658_2_-1
Krt10	3.167	3.281	0.641	1.747	1.829	1.709	1.905	1.538	-0.279	0.977	16661	NA	NM_010660_11_-1
Krt13	-4.981	-4.981	-2.729	-1.891	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	16663	KRT13	NM_010662_11_-1
Krt18	-4.981	-4.981	-0.113	-1.765	-2.317	-1.883	-1.244	-0.807	-3.823	-4.981	16668	KRT18	NM_010664_15_+1
Krt86	-4.981	-4.981	-4.954	-4.378	-4.952	-4.516	-4.943	-4.962	-1.587	-2.516	16679	KRT86	NM_010667_15_+1
Lama3	-1.627	-0.445	-4.981	-4.981	-4.981	-4.981	-3.745	-4.943	-4.981	-4.981	16774	LAMA3	NM_010680_18_+1
Lama4	-4.981	-4.981	-4.981	-4.981	-4.967	-4.065	-4.938	-4.346	-4.981	-4.981	16775	LAMA4	NM_010681_10_+1
Lamc1	1.385	2.610	0.081	1.502	1.049	2.042	-1.517	2.084	0.591	2.955	226519	LAMC1	NM_010683_1_-1
Lamp1	8.276	8.536	7.989	8.209	8.338	8.557	9.299	9.750	10.727	11.091	16783	LAMP1	NM_010684_8_+1
Lamp2	6.749	6.890	6.004	5.996	5.624	6.051	6.560	7.195	8.575	9.290	16784	LAMP2	NM_010685_X_-1
Laptm5	10.356	10.526	10.606	10.789	11.210	10.967	11.170	11.225	11.569	11.536	16792	LAPTM5	NM_010686_4_+1
Large1	2.178	2.444	0.414	1.642	0.375	1.584	0.573	0.646	-1.388	0.596	16795	LARGE1	NM_010687_8_-1
Lasp1	4.804	4.554	7.425	7.343	7.757	7.510	7.420	7.064	7.791	7.422	16796	LASP1	NM_010688_11_+1
Lat	2.702	1.436	-1.808	0.798	0.033	1.620	1.377	3.379	-0.069	-0.466	16797	LAT	NM_010689_7_-1
Lats1	3.755	3.583	4.421	3.981	4.145	3.961	4.185	3.915	4.327	4.448	16798	LATS1	NM_010690_10_+1
Lbx2	-4.981	-4.981	-4.338	-3.108	-4.969	-3.395	-4.614	-4.298	-2.659	-2.923	16815	LBX2	NM_010692_6_+1
Lck	-0.051	0.434	-1.409	-0.580	0.051	0.470	-0.441	1.336	-4.674	-4.622	16818	LCK	NM_010693_4_-1
Lcn4	-4.981	-4.981	-4.844	-3.467	-4.867	-2.725	-4.955	-3.278	-4.981	-4.981	16821	NA	NM_010695_2_-1
Lcp2	4.516	3.679	6.920	5.564	8.353	6.618	8.125	6.310	8.669	7.160	16822	LCP2	NM_010696_11_+1
Ldb1	-4.706	0.557	-2.029	-1.681	-2.911	-2.121	-0.949	-2.196	-1.199	-0.993	16825	LDB1	NM_010697_19_-1
Ldb2	-4.981	-4.981	-4.959	-4.959	-4.729	-1.872	-4.931	-2.820	-4.981	-4.981	16826	LDB2	NM_010698_5_-1
Ldha	9.195	9.016	10.024	9.914	9.227	9.291	9.057	9.296	8.816	8.625	16828	LDHA	NM_010699_7_+1
Ldlr	4.739	5.091	3.936	2.439	3.413	2.569	4.818	5.425	7.785	7.423	16835	LDLR	NM_010700_9_+1
Lef1	-4.453	-4.248	-2.998	0.367	-0.664	0.943	0.422	2.018	-2.309	-1.728	16842	LEF1	NM_010703_3_+1
Lepr	-4.981	-4.981	-4.847	-4.973	-4.966	-3.502	-4.942	-4.950	-4.981	-4.981	16847	LEPR	NM_010704_4_+1
Lgals3	5.271	8.174	8.681	7.796	5.427	6.357	7.774	7.969	9.297	9.403	16854	LGALS3	NM_010705_14_+1
Lgals4	4.879	5.162	0.941	1.287	1.741	1.504	0.488	1.220	1.020	0.785	16855	LGALS4	NM_010706_7_+1
Lgals6	-2.922	-4.981	-4.939	-4.965	-4.918	-4.977	-4.384	-4.918	-4.981	-4.975	16857	NA	NM_010707_7_+1
Lgals9	1.980	1.566	-0.086	-1.703	0.593	-0.311	1.284	1.293	2.191	1.298	16859	LGALS9B	NM_010708_11_-1

Eif2d	-2.413	-0.755	-3.744	-2.458	-3.666	-1.005	-3.556	-2.059	-4.981	-4.974	16865	EIF2D	NM_010709_1_+1
Lhx2	-4.981	-4.981	-4.750	-4.852	-3.642	-3.503	-4.584	-4.326	-4.981	-4.981	16870	LHX2	NM_010710_2_+1
Lig1	1.090	1.791	4.143	4.614	4.954	4.565	4.640	4.484	2.709	2.000	16881	LIG1	NM_010715_7_+1
Lig3	1.638	2.146	2.364	3.555	2.109	3.130	1.977	2.144	2.367	3.146	16882	LIG3	NM_010716_11_+1
Limk1	0.562	-0.256	0.580	-0.713	0.922	0.083	-0.277	-0.171	0.952	1.864	16885	LIMK1	NM_010717_5_+1
Limk2	3.666	3.702	4.900	4.883	4.295	4.029	4.067	3.970	4.149	3.769	16886	LIMK2	NM_010718_11_+1
Lipe	2.342	2.642	4.068	4.016	4.302	4.112	4.098	3.337	4.196	3.939	16890	LIPE	NM_010719_7_+1
Lipg	-4.981	-4.981	-4.528	-3.770	-4.960	-4.719	-4.684	-4.779	-0.803	-4.981	16891	LIPG	NM_010720_18_+1
Lmnb1	3.558	3.855	5.633	5.518	5.687	5.468	4.805	4.561	4.782	4.270	16906	LMNB1	NM_010721_18_+1
Lmnb2	3.387	3.404	2.928	3.101	3.201	3.130	2.788	2.979	2.516	1.909	16907	LMNB2	NM_010722_10_+1
Lmo4	4.161	4.460	4.857	5.279	4.318	4.217	5.665	4.981	5.930	5.314	16911	LMO4	NM_010723_3_+1
Psmb8	10.445	10.302	10.755	10.891	9.916	9.824	9.907	9.949	8.991	8.572	16913	PSMB8	NM_010724_17_+1
Phyh	6.272	6.029	6.186	6.348	5.771	5.759	6.212	6.246	6.521	6.627	16922	PHYH	NM_010726_2_+1
Lnx1	-4.921	-4.772	-3.418	-3.871	-2.577	-3.120	-4.124	-4.095	-4.981	-1.949	16924	LNK1	NM_010727_5_+1
Lox	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.808	-3.064	-4.926	-1.176	16948	LOX	NM_010728_18_+1
Anxa1	1.255	1.355	7.984	7.918	6.443	7.039	7.435	8.313	9.602	9.839	16952	ANXA1	NM_010730_19_+1
Zbtb7a	5.550	5.336	6.030	5.909	5.826	5.767	6.015	5.982	6.621	6.518	16969	ZBTB7A	NM_010731_10_+1
Lrrn3	-4.164	-0.507	-2.299	-4.510	-2.136	-3.992	-3.857	-1.121	-1.689	-2.177	16981	LRRN3	NM_010733_12_+1
Lst1	4.934	3.811	5.565	5.580	7.862	8.022	9.147	9.023	8.660	8.363	16988	NA	NM_010734_17_+1
Lta	1.862	-0.482	2.268	1.158	3.941	4.362	0.860	2.658	-1.825	-1.776	16992	LTA	NM_010735_17_+1
Ltbr	3.976	3.990	5.009	5.250	4.932	4.809	5.486	5.753	6.910	6.995	17000	LTBR	NM_010736_6_+1
Klr1b1a	-0.486	-2.681	-3.441	-4.520	-4.852	-4.096	-1.263	-3.629	-4.711	-4.981	17057	KLRB1	NM_010737_6_+1
Ly6a	9.561	6.949	4.033	3.729	2.170	-2.284	3.963	-0.415	0.064	-3.092	110454	NA	NM_010738_15_+1
Muc13	-4.981	-4.981	-4.897	-0.913	-2.056	-1.621	-4.865	-2.460	-4.394	-1.178	17063	MUC13	NM_010739_16_+1
Cd93	1.183	-0.507	-0.581	-0.417	0.092	1.068	3.413	6.750	6.280	8.800	17064	CD93	NM_010740_2_+1
Ly6c1	3.182	9.842	-1.029	3.258	-1.606	0.743	-0.429	2.907	1.054	7.583	17067	NA	NM_010741_15_+1
Ly6d	12.049	8.963	1.817	3.525	2.949	4.143	4.711	5.868	0.156	0.428	17068	LY6D	NM_010742_15_+1
Il1rl1	-4.981	-4.981	-4.978	-4.935	-4.981	-4.981	-4.931	-4.957	-4.848	-4.981	17082	IL1RL1	NM_010743_1_+1
Tmed1	5.601	6.009	3.465	4.301	4.128	4.030	3.859	4.252	3.298	3.673	17083	TMED1	NM_010744_9_+1
Ly86	10.347	10.348	8.618	8.471	9.079	9.211	8.953	9.359	8.792	8.832	17084	LY86	NM_010745_13_+1
Ncr1	0.348	-4.981	-2.479	-2.012	-4.835	-0.119	-0.839	1.147	-1.379	-4.981	17086	NCR1	NM_010746_7_+1
Lyn	6.575	6.384	6.538	6.246	7.050	7.026	7.398	7.474	8.331	8.353	17096	LYN	NM_010747_4_+1
Lyst	4.524	4.169	5.999	5.734	7.997	7.843	6.788	5.736	5.934	5.714	17101	LYST	NM_010748_13_+1
M6pr	8.318	8.209	8.968	9.195	9.374	9.500	8.640	8.591	8.344	8.272	17113	M6PR	NM_010749_6_+1
Mab21l1	-4.981	-4.981	-4.981	-4.981	-4.988	-4.065	-4.341	-4.935	-4.981	-4.981	17116	MAB21L1	NM_010750_3_+1
Mxd1	4.615	4.543	6.464	6.573	6.741	6.694	5.908	5.405	5.138	4.383	17119	MXD1	NM_010751_6_+1
Mad1l1	2.916	3.528	2.766	3.469	3.469	3.623	3.946	3.976	4.681	4.466	17120	MAD1L1	NM_010752_5_+1
Mxd4	5.532	6.411	4.629	5.356	4.395	5.269	4.071	4.970	3.571	4.482	17122	MXD4	NM_010753_5_+1
Smad2	5.950	5.961	6.211	6.124	5.983	5.996	6.120	6.055	6.307	6.395	17126	SMAD2	NM_010754_18_+1
Maff	-1.569	0.804	0.160	0.010	2.123	2.835	2.127	1.335	-2.809	-1.474	17133	MAFF	NM_010755_15_+1
Mafg	3.171	3.330	3.257	3.530	2.975	3.447	3.762	3.775	5.049	4.708	17134	MAFG	NM_010756_11_+1
Mafk	5.412	5.699	5.233	5.534	5.063	5.703	5.033	5.768	6.026	5.941	17135	MAFK	NM_010757_5_+1
Mag	-1.529	-2.344	-2.723	-2.500	-3.280	-3.943	-1.440	-0.404	0.836	-0.696	17136	MAG	NM_010758_7_+1
Ccndbp1	7.021	6.860	7.588	7.711	6.527	6.481	6.272	6.383	6.138	5.968	17151	CCNDBP1	NM_010761_2_+1
Mal	-4.981	-4.981	-4.964	-4.974	-4.981	-4.981	-3.906	-3.495	-4.981	-4.981	17153	MAL	NM_010762_2_+1
Man1a2	6.086	6.560	6.146	5.849	4.591	4.873	4.955	5.109	4.981	5.519	17156	MAN1A2	NM_010763_3_+1
Man2b1	7.046	6.352	9.778	9.553	9.122	9.010	8.770	8.982	9.611	9.548	17159	MAN2B1	NM_010764_8_+1
Mapkapk5	4.704	4.473	4.112	4.217	4.393	4.319	4.228	4.228	4.228	4.127	17165	MAPKAPK5	NM_010765_5_+1
Marco	2.181	-1.402	0.264	0.993	0.749	0.099	0.964	2.641	-3.109	-0.904	17167	MARCO	NM_010766_1_+1
Masp2	-3.563	0.050	-3.694	-1.622	-4.708	-1.749	-4.949	-3.361	-4.981	-3.058	17175	MASP2	NM_010767_4_+1
Matk	-4.597	0.202	0.958	1.735	-0.984	0.800	1.336	0.933	1.297	1.401	17179	MATK	NM_010768_10_+1
Matn1	-4.981	-4.981	-4.183	-1.843	0.011	-0.542	-1.309	-1.626	-4.981	-4.981	17180	MATN1	NM_010769_4_+1
Matr3	7.128	7.177	7.099	6.892	7.351	7.418	7.266	7.220	6.688	7.096	17184	MATR3	NM_010771_18_+1
Maz	3.022	2.912	3.993	4.209	4.108	3.894	3.710	3.977	4.320	4.348	17188	MAZ	NM_010772_7_+1
Mbd2	6.712	6.732	6.775	6.827	6.639	6.671	6.471	6.701	7.098	6.987	17191	MBD2	NM_010773_18_+1
Mbd4	2.703	2.709	3.618	4.029	3.834	4.054	3.996	3.987	3.253	3.879	17193	MBD4	NM_010774_6_+1
Mbp	-4.981	-1.896	-2.101	0.263	-0.637	-3.452	-3.088	-2.453	0.419	-2.010	17196	MBP	NM_010777_18_+1
Cd46	-2.362	-0.844	-1.594	-2.664	-2.087	-2.072	-2.655	-1.762	-1.397	-0.126	17221	CD46	NM_010778_1_+1
Mdk	-4.981	-2.441	-2.527	-1.288	1.355	0.587	-2.116	-4.147	-4.977	-4.981	17242	MDK	NM_010784_2_+1
Mdm1	-4.097	-0.164	-0.912	-0.368	-1.187	-2.303	2.408	0.786	3.899	3.153	17245	MDM1	NM_010785_10_+1
Mdm2	5.420	5.358	5.502	5.478	4.988	5.289	5.231	5.382	6.037	6.147	17246	MDM2	NM_010786_10_+1
Mea1	3.842	3.601	2.923	2.812	2.890	2.941	3.342	2.628	1.954	1.815	17256	MEA1	NM_010787_17_+1
Mecp2	4.621	4.615	4.396	4.339	5.005	4.735	4.889	4.546	4.732	4.517	17257	MECP2	NM_010788_X_+1
Meis1	1.790	1.371	0.244	-1.483	1.393	1.675	1.980	0.304	0.864	1.123	17268	NA	NM_010789_11_+1
Melk	-2.030	2.967	3.065	4.027	3.783	3.024	3.032	2.243	0.623	1.233	17279	MELK	NM_010790_4_+1
Meox1	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-1.690	-4.981	17285	MEOX1	NM_010791_11_+1
Mettl1	4.148	3.698	3.380	3.360	2.687	3.047	2.838	2.967	1.839	1.446	17299	METTL1	NM_010792_10_+1
Mgat1	-0.524	0.738	0.424	0.014	0.530	0.194	0.814	0.060	2.684	1.062	17308	MGAT1	NM_010794_11_+1
Mgat3	-4.981	-4.981	-4.981	-4.981	-4.923	-4.222	-4.953	-1.698	-4.981	-4.981	17309	MGAT3	NM_010795_15_+1
Clec10a	7.739	8.403	0.967	1.617	-1.012	1.929	5.222	5.879	4.152	3.948	17312	CLEC10A	NM_010796_11_+1
Mid1	-4.504	-4.501	-4.621	-4.721	-4.227	-4.599	-4.015	-3.871	-1.813	-4.959	17318	MID1	NM_010797_X_+1
Mif	7.257	6.989	6.765	6.855	6.666	7.099	6.927	7.045	4.863	4.494	17319	MIF	NM_010798_10_+1
Minpp1	5.601	5.794	4.812	5.173	4.602	5.238	4.742	5.612	5.217	5.051	17330	MINPP1	NM_010799_19_+1
Bhlha15	2.885	3.054	-3.707	-2.782	-3.145	-3.325	-1.622	0.818	-4.981	-4.981	17341	BHLHA15	NM_010800_5_+1

Mlf1	-2.451	-0.664	-1.604	-0.801	-0.386	0.567	-1.513	-2.053	-3.925	-2.984	17349	MLF1	NM_010801_3_+1
Mllt10	-3.433	-2.662	0.826	0.737	-1.415	-0.416	-1.115	-2.063	0.529	1.902	17354	MLLT10	NM_010804_2_+1
Afdn	3.193	4.547	4.786	5.494	5.967	6.617	5.141	5.375	4.993	5.184	17356	AFDN	NM_010806_17_+1
Marcksl1	2.476	0.773	7.065	8.042	7.773	7.172	7.622	7.469	5.580	6.397	17357	MARCKSL1	NM_010807_4_+1
Mmp24	-0.801	0.664	-0.894	0.022	-1.484	-0.740	-1.370	-1.593	-1.017	-0.002	17391	MMP24	NM_010808_2_+1
Mmp7	-4.981	-4.981	-0.987	0.527	-1.542	-0.466	0.476	-4.351	-4.981	-4.981	17393	MMP7	NM_010810_9_+1
Ndst2	4.226	3.836	5.534	5.409	4.880	4.864	5.308	5.632	6.918	6.753	17423	NDST2	NM_010811_14_-1
Mnt	2.312	2.451	2.894	2.395	3.202	2.909	3.251	2.989	3.741	3.321	17428	MNT	NM_010813_11_+1
Grap2	0.171	-4.202	3.048	2.940	-0.156	-0.282	1.644	1.740	-4.788	-0.251	17444	GRAP2	NM_010815_15_+1
Psmd7	7.030	7.161	6.567	7.032	6.413	6.471	6.429	6.598	6.009	6.021	17463	PSMD7	NM_010817_8_-1
Cd200	6.486	7.005	4.776	5.196	4.096	4.201	2.742	3.617	-4.981	-1.298	17470	CD200	NM_010818_16_-1
Clec4d	-1.818	-2.437	-4.596	-1.211	-2.711	-0.344	0.238	1.374	2.936	3.610	17474	CLEC4D	NM_010819_6_+1
Mpeg1	9.673	10.562	9.508	10.919	3.963	5.805	7.258	9.590	8.418	12.113	17476	MPEG1	NM_010821_19_+1
Mpg	5.632	5.361	3.884	3.895	3.924	4.082	3.834	4.042	4.074	3.866	268395	MPG	NM_010822_11_+1
Mpl	-2.428	-4.742	-3.174	-0.522	-3.817	-4.887	-4.921	-4.027	-1.695	-1.225	17480	MPL	NM_010823_4_-1
Mpo	-4.981	-3.315	-4.975	-0.468	-4.940	5.233	0.155	5.921	6.480	0.834	17523	MPO	NM_010824_11_+1
Mrv11	-0.059	1.126	2.088	0.892	-1.393	0.162	-1.700	-0.733	-2.025	-1.063	17540	MRV11	NM_010826_7_-1
Msc	-3.349	-4.981	-4.002	-3.559	-2.592	-1.607	-4.916	-3.394	-4.981	-4.981	17681	MSC	NM_010827_1_-1
Cited2	4.147	4.058	5.508	5.417	5.164	5.328	5.336	5.513	6.271	6.080	17684	CITED2	NM_010828_10_+1
Msh3	3.697	3.868	2.694	2.651	2.966	2.807	2.994	3.468	3.778	3.636	17686	MSH3	NM_010829_13_-1
Msh6	4.206	3.990	4.890	4.799	4.923	4.747	4.688	4.505	3.572	3.847	17688	MSH6	NM_010830_17_+1
Sik1	7.019	7.528	6.279	6.183	5.629	5.929	5.479	6.168	7.066	7.073	17691	NA	NM_010831_17_-1
Msl3	5.275	5.474	4.783	4.808	4.601	4.597	4.677	4.828	4.695	4.875	17692	MSL3	NM_010832_X_-1
Msn	7.425	7.437	8.308	8.227	8.826	8.655	9.493	9.711	11.327	11.392	17698	MSN	NM_010833_X_+1
Map6	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-3.867	-4.913	-4.981	-4.981	17760	MAP6	NM_010837_7_+1
Cmc4	3.124	2.760	1.244	0.925	0.933	0.938	0.660	-0.285	0.895	-2.585	105886298	NA	NM_010839_X_-1
Mthfr	1.806	1.098	1.695	1.689	2.305	1.035	2.317	1.175	3.094	2.813	17769	MTHFR	NM_010840_4_+1
Muc5ac	0.975	1.596	-4.986	-2.849	-4.981	-4.981	-4.949	-4.469	-4.981	-4.981	17833	MUC5AC	NM_010844_7_+1
Mx1	3.936	3.984	5.618	4.981	4.543	3.511	4.706	4.039	5.531	4.532	17857	NA	NM_010846_16_-1
Mxi1	3.417	3.468	3.039	2.426	2.684	2.899	3.469	3.400	4.251	4.375	17859	MXI1	NM_010847_19_+1
Myb	5.135	4.737	3.494	3.732	2.065	2.098	0.461	1.876	1.361	1.118	17863	MYB	NM_010848_10_-1
Myc	0.174	-1.678	2.686	3.274	3.297	3.936	3.218	4.495	1.056	1.840	17869	MYC	NM_010849_15_+1
Myd88	6.803	6.679	7.079	7.106	7.242	7.051	7.397	7.679	8.428	8.452	17874	MYD88	NM_010851_9_-1
Myef2	2.747	3.364	0.989	2.911	2.455	2.719	1.721	1.688	0.619	1.573	17876	MYEF2	NM_010852_2_-1
Myl4	0.770	-0.668	-1.985	0.252	-1.315	0.741	-0.312	2.820	-3.373	-2.601	17896	MYL4	NM_010858_11_+1
Myl6	9.568	9.583	10.067	10.096	9.666	9.679	9.909	9.798	9.242	9.150	17904	MYL6	NM_010860_10_-1
Myl2	-2.483	-4.981	-3.691	-4.061	-1.377	-3.230	-1.933	-3.421	-2.712	-3.233	17906	MYL2	NM_010861_5_+1
Myo15	-3.497	-4.981	-4.942	-4.538	-4.419	-4.956	-4.398	-4.956	-3.106	-4.558	17910	MYO15A	NM_010862_11_+1
Myo1b	-4.981	-4.981	-3.417	-1.766	3.268	4.602	0.910	0.008	-1.065	-4.062	17912	MYO1B	NM_010863_1_-1
Myo5a	6.898	7.078	5.544	5.613	7.060	7.111	6.678	6.421	6.632	6.571	17918	MYO5A	NM_010864_9_+1
Myom1	0.101	-0.071	2.917	1.932	1.262	2.602	1.373	1.789	0.590	1.139	17929	MYOM1	NM_010867_17_+1
Naip5	4.820	4.740	4.898	4.408	4.741	4.115	5.341	5.311	6.550	6.476	17951	NA	NM_010870_13_-1
Naip6	3.403	3.738	4.554	3.833	4.020	3.439	4.308	3.788	5.686	4.806	17952	NA	NM_010871_13_-1
Naip2	-2.686	-1.367	-0.876	0.276	0.358	-3.063	1.739	1.942	1.687	2.729	17948	NAIP	NM_010872_13_-1
Nat2	-0.209	-0.125	-2.035	-3.146	-3.707	-3.254	-3.008	-4.915	-2.168	-4.827	17961	NAT1	NM_010874_8_+1
Ncam1	-4.981	-4.981	-4.962	-4.592	-4.936	-4.595	-4.972	-4.968	-4.981	-2.295	17967	NCAM1	NM_010875_9_-1
Ncf1	8.340	8.416	7.742	7.777	8.169	8.171	7.842	7.728	8.834	8.523	17969	NCF1	NM_010876_5_-1
Ncf2	5.453	5.485	4.942	5.088	7.042	7.397	8.153	8.400	9.511	9.451	17970	NCF2	NM_010877_1_+1
Nck1	4.965	5.383	4.746	4.908	4.756	5.002	4.910	5.073	4.965	5.276	17973	NCK1	NM_010878_9_-1
Nck2	0.248	-1.272	5.950	5.300	5.162	4.241	3.783	2.929	1.465	1.118	17974	NCK2	NM_010879_1_+1
Ncl	7.760	7.728	8.179	8.304	8.390	8.399	8.085	8.149	7.152	7.037	17975	NCL	NM_010880_1_-1
Ncoa1	5.224	5.053	5.356	5.298	5.416	5.277	5.641	5.676	6.847	6.885	17977	NCOA1	NM_010881_12_-1
Ndn	-3.563	-1.343	-4.870	-3.760	-4.921	-3.420	-4.975	-1.552	-4.981	-2.261	17984	NDO	NM_010882_7_+1
Ndufa2	7.903	7.750	7.390	7.391	7.311	7.369	7.664	7.430	6.483	6.339	17991	NDUFA2	NM_010885_18_-1
Ndufa4	8.098	7.908	7.972	8.091	7.894	7.991	7.961	7.916	6.904	6.749	17992	NDUFA4	NM_010886_6_-1
Ndufs4	7.270	7.333	7.453	7.185	6.661	6.653	6.792	6.543	6.038	5.891	17993	NDUFS4	NM_010887_13_-1
Ndufs6	7.068	6.985	6.665	6.307	6.506	6.253	6.945	6.508	5.995	5.569	407785	NDUFS6	NM_010888_13_-1
Neb	1.440	0.314	-0.548	-3.600	-4.245	-3.288	-3.533	-0.646	-4.981	-2.145	17996	NEB	NM_010889_2_-1
Nedd4	5.718	5.880	7.815	8.114	7.785	7.868	6.425	6.312	2.228	1.341	17999	NA	NM_010890_9_+1
Sept2	4.111	4.821	5.544	5.697	4.755	4.850	4.384	5.451	5.057	6.222	18000	SEPT2	NM_010891_1_+1
Nek2	-1.252	0.556	2.454	2.170	3.422	1.993	2.481	1.868	1.032	0.205	18005	NEK2	NM_010892_1_+1
Neu1	4.939	4.952	5.166	5.465	5.353	5.543	5.844	6.089	7.000	6.831	18010	NEU1	NM_010893_17_+1
Nf1	2.676	2.086	4.177	3.954	3.841	3.673	2.891	2.841	2.889	2.594	18015	NF1	NM_010897_11_+1
Nf2	3.703	3.591	3.818	3.747	3.823	3.974	3.969	4.211	4.678	4.712	18016	NF2	NM_010898_11_-1
Nfatc2	2.960	3.624	4.379	4.288	5.099	4.881	4.327	4.586	3.850	3.058	18019	NFATC2	NM_010899_2_-1
Nfatc2ip	1.651	1.849	2.048	1.980	3.021	3.042	2.981	2.085	1.662	1.701	18020	NFATC2IP	NM_010900_7_-1
Nfatc3	4.520	4.383	5.262	5.230	6.111	5.855	5.896	5.806	6.153	5.939	18021	NFATC3	NM_010901_8_+1
Nfe2l2	6.199	6.098	5.840	6.684	5.812	5.977	7.420	7.782	7.724	8.633	18024	NFE2L2	NM_010902_2_-1
Nfe2l3	3.409	2.340	1.919	0.985	-0.163	-1.974	-1.103	-1.928	-4.981	-4.981	18025	NFE2L3	NM_010903_6_+1
Nfeh	-3.189	-4.981	0.235	-1.343	-0.725	-2.024	-1.977	-1.985	-4.981	-4.981	380684	NFEH	NM_010904_11_-1
Nfia	-3.864	-2.853	-3.215	-1.491	-1.737	0.217	-1.915	1.758	0.482	1.854	18027	NFIA	NM_010905_4_+1
Nfix	-2.249	-1.115	0.630	-0.081	0.841	-0.119	0.526	0.892	2.174	1.946	18032	NFIX	NM_010906_8_-1
Nfkbia	9.025	8.608	8.886	9.307	9.940	9.806	10.113	9.998	8.652	8.942	18035	NFKBIA	NM_010907_12_-1
Nfkbib	2.558	2.186	1.985	1.424	2.241	1.543	1.765	1.238	2.337	1.770	18036	NFKBIB	NM_010908_7_-1

Pfn1	10.259	10.357	10.794	11.129	11.332	11.346	10.928	11.074	9.935	10.071	18643	PFN1	NM_011072_11_-1
Prf1	-3.843	-0.985	-3.295	-2.365	-2.743	-1.300	-0.789	0.469	0.367	-4.227	18646	PRF1	NM_011073_10_+1
Cdk14	1.792	1.736	7.180	6.155	6.208	6.165	5.673	5.038	4.017	4.295	18647	CDK14	NM_011074_5_-1
Abcb1b	3.754	-3.267	2.617	-1.846	4.304	1.108	4.608	1.173	3.638	3.459	18669	NA	NM_011075_5_+1
Abcb1a	-1.232	-4.981	1.442	1.009	5.891	5.836	4.249	2.637	1.320	2.075	18671	ABCB1	NM_011076_5_+1
Phex	-4.981	-3.408	-2.687	-4.463	-4.855	-3.800	-4.789	-2.939	-4.981	-3.853	18675	PHEX	NM_011077_X_-1
Phf2	4.309	4.336	3.509	3.575	4.008	3.606	3.628	3.617	4.055	4.142	18676	PHF2	NM_011078_13_-1
Phkg1	-4.981	-4.981	-3.034	-1.174	-3.932	-4.784	-3.727	-2.784	-1.798	-4.981	18682	PHKG1	NM_011079_5_-1
Piga	2.458	1.997	2.653	2.806	2.333	2.499	2.091	2.578	1.903	2.544	18700	PIGA	NM_011081_X_+1
Pigr	-3.668	-1.894	-4.649	0.254	-1.784	2.260	-2.111	0.778	-4.190	-2.652	18703	PIGR	NM_011082_1_+1
Pik3c2a	3.152	3.412	4.542	4.298	3.981	3.940	4.368	4.292	4.971	5.423	18704	PIK3C2A	NM_011083_7_-1
Pikfyve	3.833	3.851	4.480	4.113	4.252	4.051	4.493	4.359	4.930	4.947	18711	PIKFYVE	NM_011086_1_+1
Pira1	1.676	6.475	-4.568	4.738	-4.463	7.631	1.201	7.236	-4.504	9.487	18722	LILRB3	NM_011087_7_-1
Pira11	3.145	2.877	2.646	4.303	2.804	4.391	3.680	5.021	6.732	6.468	18724	NA	NM_011088_7_-1
Pira2	4.181	4.373	4.028	3.773	6.929	6.035	6.155	6.223	8.045	8.026	18725	LILRB3	NM_011089_7_-1
Lira6	1.499	4.021	0.173	2.610	3.981	5.002	2.587	5.172	6.732	7.590	18726	LILRB3	NM_011090_7_-1
Pira4	-3.888	0.965	0.944	-2.626	-0.024	-2.800	0.051	-1.716	-0.706	-2.469	18727	NA	NM_011091_7_-1
Pira6	-1.014	-2.886	-1.002	-1.461	1.880	-0.804	3.724	3.149	4.479	3.963	18729	NA	NM_011093_7_+1
Pira7	-1.297	0.913	-0.263	-0.388	2.370	2.499	1.794	1.803	4.709	5.062	18730	NA	NM_011094_7_-1
Pirb	7.799	7.638	8.228	7.084	8.969	8.843	9.033	8.858	10.433	10.250	18733	LILRB3	NM_011095_7_-1
Pkm	7.400	7.487	8.636	8.994	8.601	8.488	8.765	8.894	10.629	10.261	18746	PKM	NM_011099_9_+1
Prkacb	2.882	2.606	4.043	3.605	3.792	2.938	3.953	4.159	4.176	4.439	18749	PRKACB	NM_011100_3_-1
Prkca	5.908	4.847	-1.493	-1.184	-0.691	-0.890	-0.078	-0.222	-0.896	-1.446	18750	PRKCA	NM_011101_11_-1
Prkcg	1.326	1.889	-2.285	-2.560	-2.892	-3.557	-3.226	-4.864	-1.908	-1.807	18752	PRKCG	NM_011102_7_+1
Prkcd	8.375	8.678	7.404	7.395	7.837	7.432	8.826	8.729	9.980	9.787	18753	PRKCD	NM_011103_14_-1
Prkce	1.851	2.049	0.914	0.850	1.944	2.547	2.449	2.256	2.726	2.956	18754	PRKCE	NM_011104_17_+1
Pkig	0.084	2.340	-3.951	-4.532	-2.066	-2.270	-4.064	-2.350	-3.668	-1.158	18769	PKIG	NM_011106_2_+1
Pla2g1b	-2.842	-3.267	-4.938	-4.938	-4.981	-4.981	-4.965	-4.582	-4.981	-4.981	18778	PLA2G1B	NM_011109_5_+1
Pla2g2d	1.717	0.442	0.683	1.820	-0.015	0.250	0.792	2.204	0.038	-0.610	18782	PLA2G2D	NM_011109_4_+1
Pla2g5	-4.981	-4.981	-4.149	-4.974	-4.981	-4.711	-4.479	-4.907	-4.981	-4.981	18784	PLA2G5	NM_011110_4_-1
Serpib2	-4.336	-4.981	5.104	4.933	3.735	4.154	1.422	0.422	-0.197	-2.507	18788	SERPINB2	NM_011111_1_+1
Papola	7.161	7.461	7.637	7.698	7.774	7.796	7.467	7.611	7.628	8.011	18789	PAPOLA	NM_011112_12_+1
Plaur	9.100	8.584	0.425	3.078	4.326	6.846	6.519	7.327	8.398	8.421	18793	PLAUR	NM_011113_7_+1
Pld3	5.256	4.155	3.711	4.008	4.891	4.687	5.212	6.090	5.036	5.033	18807	PLD3	NM_011116_7_-1
Plec	2.896	2.474	2.024	1.281	3.317	2.895	3.386	3.151	4.660	4.436	18810	PLEC	NM_011117_15_-1
Pa2g4	4.995	4.745	5.559	5.668	5.366	5.406	4.970	5.043	3.743	3.752	18813	PA2G4	NM_011119_10_-1
Plk1	0.288	0.283	2.631	3.263	3.596	3.167	2.989	3.090	1.945	1.441	18817	PLK1	NM_011121_7_+1
Plod1	1.891	2.675	2.305	2.675	2.631	2.618	3.437	3.932	5.189	5.369	18822	PLOD1	NM_011122_4_-1
Plp1	-4.043	-3.324	-4.381	-4.617	-4.600	-4.325	-4.125	-3.635	-4.537	-4.845	18823	PLP1	NM_011123_X_+1
Ccl21a	-0.081	-4.981	-3.265	-2.868	-3.307	-4.983	-1.786	-3.898	-3.504	-4.981	18829	CCL21	NM_011124_4_-1
Pltp	10.100	10.189	0.389	1.492	5.678	7.300	7.221	8.281	5.713	6.690	18830	PLTP	NM_011125_2_-1
Sept4	1.447	0.530	-1.598	-2.872	-2.254	-1.899	-4.981	-4.981	-4.888	-4.981	18952	SEPT4	NM_011129_11_+1
Polb	6.002	6.126	5.919	5.978	6.232	6.300	6.179	5.847	6.113	6.253	18970	POLB	NM_011130_8_-1
Pold1	5.051	5.109	3.896	3.737	5.024	4.619	4.765	4.088	3.517	2.632	18971	POLD1	NM_011131_7_-1
Pole	-1.210	0.263	2.432	2.364	3.472	2.938	2.718	1.927	1.147	0.226	18973	POLE	NM_011132_5_+1
Pole2	1.422	1.499	3.349	3.277	3.427	2.840	3.252	3.004	1.862	1.790	18974	POLE2	NM_011133_12_-1
Cnot7	6.130	6.481	5.895	6.047	5.781	5.822	5.490	5.683	5.154	5.497	18983	CNOT7	NM_011135_8_-1
Pou2af1	1.325	0.851	-0.749	2.106	0.595	2.749	2.183	5.263	-0.947	0.323	18985	POU2AF1	NM_011136_9_+1
Pou2f1	1.439	2.354	1.588	0.981	2.949	1.698	1.687	1.450	1.338	1.458	18986	POU2F1	NM_011137_1_-1
Pou2f2	0.193	-0.175	-0.155	0.151	0.606	1.072	1.587	2.233	4.030	3.312	18987	POU2F2	NM_011138_7_-1
Pou3f1	-4.981	-4.981	-3.200	-3.928	-3.642	-3.908	-4.359	-4.056	-2.288	-4.981	18991	NA	NM_011141_4_+1
Ppard	0.777	1.536	-0.442	-0.530	0.195	0.367	0.473	0.563	0.770	1.268	19015	PPARD	NM_011145_17_+1
Pparg	-0.013	-0.656	-1.531	-2.408	-4.909	-3.855	-2.247	-1.628	-3.943	-3.769	19016	PPARG	NM_011146_6_+1
Ppef1	-3.349	-4.981	0.871	0.759	-4.760	-4.392	-4.811	-4.102	-1.893	-3.480	237178	PPEF1	NM_011147_X_-1
Ppef2	-4.981	-4.981	2.375	1.871	-4.558	-2.966	-3.871	-2.167	-0.056	0.015	19023	PPEF2	NM_011148_5_-1
Ppib	8.603	8.571	8.839	8.875	8.083	8.234	8.144	8.492	7.856	7.776	19035	PPIB	NM_011149_9_+1
Lgals3bp	7.323	7.001	6.342	5.791	6.176	5.161	7.116	6.957	7.880	6.354	19039	LGALS3BP	NM_011150_11_-1
Ppm1b	4.479	4.946	5.052	5.053	4.946	4.893	4.967	4.825	5.029	5.091	19043	PPM1B	NM_011151_17_+1
Ppp2r3d	-0.336	-0.053	-0.862	-1.040	-1.169	-1.740	-0.832	-0.953	-0.669	-0.394	19054	NA	NM_011154_9_-1
Ppp5c	5.440	5.307	5.637	5.795	5.345	5.462	4.969	5.189	4.857	4.948	19060	PPP5C	NM_011155_7_-1
Prep	4.654	4.626	5.218	5.410	4.924	5.094	5.197	5.437	6.039	6.206	19072	PREP	NM_011156_10_+1
Srgn	10.657	10.321	10.642	10.403	10.117	10.271	10.135	10.067	9.081	9.279	19073	NA	NM_011157_10_-1
Prkar2b	5.258	5.303	5.670	5.655	5.164	4.826	4.623	4.740	5.435	5.692	19088	PRKAR2B	NM_011158_12_-1
Prkdc	4.323	4.095	4.236	4.287	5.097	5.184	4.286	4.268	3.875	4.231	19090	PRKDC	NM_011159_16_+1
Prkg1	-3.189	-4.981	-4.996	-4.451	-4.167	-4.387	-4.480	-4.201	-4.981	-4.981	19091	PRKG1	NM_011160_19_-1
Mapk11	0.991	0.950	2.270	1.918	5.200	5.098	2.919	2.504	-1.390	0.293	19094	MAPK11	NM_011161_15_-1
Mapk8ip1	-4.981	-2.997	-2.806	-2.620	-0.875	-1.617	-2.081	-3.861	-4.394	-4.981	19099	MAPK8IP1	NM_011162_2_-1
Eif2ak2	4.292	3.835	4.995	4.068	4.370	3.180	4.816	4.258	4.896	4.498	19106	EIF2AK2	NM_011163_17_-1
Prlr	-0.798	-4.981	-3.659	-3.650	-4.866	-4.085	-3.286	-1.600	-4.013	-4.227	19116	PRLR	NM_011169_15_+1
Prnp	-3.382	-2.257	2.084	5.100	4.691	4.771	0.327	0.393	-2.961	2.517	19122	PRNP	NM_011170_2_+1
Procr	4.394	3.037	5.888	6.752	4.912	5.519	4.270	4.117	-3.531	-1.182	19124	PROCR	NM_011171_2_+1
Prodh	4.376	4.238	0.535	1.161	-1.894	-0.838	1.028	1.378	1.285	0.798	19125	LOC102724788 PR	NM_011172_16_-1
Pros1	1.985	2.106	2.195	1.612	0.771	2.339	3.553	5.064	6.484	7.592	19128	PROS1	NM_011173_16_+1
Lgmn	5.676	5.199	5.586	5.602	5.980	5.784	6.792	7.086	7.149	7.462	19141	LGMN	NM_011175_12_-1

St14	2.653	2.601	2.369	2.758	5.824	5.936	4.152	3.328	0.562	0.624	19143	ST14	NM_011176_9_-1
Prtn3	-0.629	-2.344	-4.878	-2.442	-3.859	3.395	-1.636	3.705	4.945	3.956	19152	PRTN3	NM_011178_10_+1
Psap	5.463	6.428	6.495	6.451	3.662	3.251	5.885	5.827	5.367	5.323	19156	PSAP	NM_011179_10_+1
Cyth1	4.946	4.527	2.994	3.239	4.021	4.572	4.520	4.589	4.777	5.018	19157	CYTH1	NM_011180_11_-1
Cyth2	4.632	5.126	4.292	4.145	4.188	4.258	4.091	4.317	4.479	4.550	19158	CYTH2	NM_011181_7_-1
Cyth3	2.480	2.813	3.896	4.006	2.636	3.296	4.755	4.996	5.653	5.560	19159	CYTH3	NM_011182_5_+1
Psen2	-0.668	-0.290	-1.894	-0.160	-1.308	-2.538	-1.038	-1.279	-1.869	-1.090	19165	PSEN2	NM_011183_1_-1
Psma3	9.108	9.155	9.426	9.394	8.926	8.855	8.698	8.602	7.598	7.716	19167	PSMA3	NM_011184_12_+1
Psemb1	9.369	9.402	8.867	9.020	8.453	8.488	8.453	8.518	7.734	7.795	19170	PSMB1	NM_011185_17_-1
Psemb5	8.092	7.267	7.828	7.296	7.507	6.924	7.484	6.901	7.189	6.210	19173	PSMB5	NM_011186_14_-1
Psemb7	6.748	6.702	7.178	7.198	6.509	6.500	6.372	6.341	6.077	5.867	19177	PSMB7	NM_011187_2_-1
Psmc2	7.397	7.732	7.002	7.401	7.051	7.248	6.910	7.135	6.571	6.681	19181	PSMC2	NM_011188_5_+1
Psmc1	9.926	9.638	10.291	10.042	9.380	9.226	9.153	8.911	8.110	7.682	19186	PSMC1	NM_011189_14_+1
Psmc2	9.243	9.246	9.390	9.845	8.829	9.151	8.724	9.014	7.610	7.432	19188	PSMC2	NM_011190_14_-1
Psmc3	6.357	6.493	7.110	7.241	6.947	7.020	6.899	6.969	6.901	6.832	19192	PSMC3	NM_011192_11_+1
Pstpip1	5.786	5.816	5.977	5.529	5.596	5.254	5.815	5.486	6.802	6.307	19200	PSTPIP1	NM_011193_9_+1
Ptcr2	4.100	5.524	-1.543	-0.475	-2.760	-2.255	-1.746	-4.887	-1.866	-2.858	19208	PTCR2	NM_011195_17_-1
Ptger3	-0.859	-0.908	-1.064	-1.090	5.334	5.511	4.973	4.093	-4.394	-3.527	19218	PTGER3	NM_011196_3_+1
Ptgrfn	-4.981	-4.981	-4.959	-3.188	-2.577	-0.510	0.372	1.125	0.379	1.207	19221	PTGRFN	NM_011197_3_-1
Ptgs2	0.816	-3.315	3.408	2.949	7.911	7.193	7.474	6.373	5.196	5.705	19225	PTGS2	NM_011198_1_+1
Pth1r	-2.832	-3.585	-2.351	-3.235	-3.363	-3.958	-3.465	-4.112	-3.738	-3.269	19228	PTH1R	NM_011199_9_-1
Ptp4a1	4.745	4.270	4.013	4.409	4.256	4.230	5.166	4.961	5.524	5.854	19243	PTP4A1	NM_011200_1_-1
Ptpn1	8.320	8.220	6.804	6.836	7.456	7.504	7.829	8.250	9.499	9.459	19246	PTPN1	NM_011201_2_+1
Ptpn11	3.378	3.678	4.873	4.003	4.150	4.219	3.933	3.826	4.202	3.424	19247	PTPN11	NM_011202_5_-1
Ptpn12	1.752	2.395	2.764	3.858	4.238	4.684	4.544	4.425	5.047	5.140	19248	PTPN12	NM_011203_5_-1
Ptpn13	-4.981	-4.981	-4.944	-2.104	-3.724	-2.812	-3.872	-1.282	-4.981	-4.981	19249	PTPN13	NM_011204_5_+1
Ptpn18	7.926	7.126	7.923	7.789	7.466	7.083	7.526	7.027	7.141	6.724	19253	PTPN18	NM_011206_1_+1
Ptpn3	2.130	1.693	1.045	0.784	3.840	3.956	1.350	-0.430	-4.981	-3.527	545622	PTPN3	NM_011207_4_-1
Ptprc	7.163	7.048	9.584	9.494	10.763	10.973	10.583	10.609	10.259	10.955	19264	PTPRC	NM_011210_1_-1
Ptprf	5.938	6.053	6.532	6.279	7.265	7.232	7.464	7.144	7.748	7.484	19267	PTPRF	NM_011212_7_+1
Ptpru	5.911	5.757	1.988	0.286	-1.075	-1.880	-4.948	-3.825	-4.981	-3.855	19268	PTPRU	NM_011213_4_-1
Ptpru	-4.981	-4.981	-4.981	-4.981	-4.455	-4.309	-4.980	-4.958	-0.207	-0.594	19273	PTPRU	NM_011214_4_-1
Ptpro	-4.068	-4.981	-4.747	-4.892	-3.707	-2.245	-2.707	-2.491	-1.425	-0.972	19277	PTPRO	NM_011216_6_+1
Ptpr	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	19279	PTPR	NM_011217_10_+1
Ptprr	4.007	4.203	4.344	3.899	2.182	2.664	2.505	1.847	3.937	4.203	19280	PTPRR	NM_011218_17_-1
Pts	7.265	7.225	6.540	6.206	6.729	6.435	6.617	6.204	5.724	5.674	19286	PTS	NM_011220_9_-1
Purb	5.903	5.888	6.327	6.030	6.807	6.697	6.611	6.309	6.105	6.133	19291	PURB	NM_011221_11_-1
Pxn	4.423	4.310	5.636	5.603	6.075	5.811	6.024	5.585	6.962	6.634	19303	PXN	NM_011223_5_+1
Pygm	-0.410	0.671	-1.607	-0.987	-0.822	-1.923	-0.082	-0.985	-0.091	-1.088	19309	PYGM	NM_011224_19_+1
Rab19	2.841	1.950	5.223	5.240	3.960	4.481	4.401	4.444	4.558	4.095	19331	RAB19	NM_011226_6_+1
Rab20	0.618	0.879	1.770	2.711	2.335	2.608	3.026	3.725	2.666	2.978	19332	RAB20	NM_011227_8_-1
Rab33a	-3.668	-3.408	-4.289	-2.500	-1.195	-1.116	-1.977	-1.943	-1.141	-0.374	19337	RAB33A	NM_011228_X_+1
Rabggbt	-4.489	-2.370	-2.725	-1.662	-4.695	-4.949	-4.253	-4.328	-4.448	-4.740	19352	RABGGTB	NM_011231_3_-1
Rad1	3.110	3.188	2.704	2.621	2.872	2.592	2.894	2.886	2.207	2.003	19355	RAD1	NM_011232_15_+1
Rad17	1.724	1.863	1.518	1.692	1.854	1.412	2.097	1.571	1.912	1.602	19356	RAD17	NM_011233_13_-1
Rad51	0.471	0.504	3.684	3.216	4.419	3.327	3.416	2.836	1.312	-0.087	19361	RAD51	NM_011234_2_+1
Rad51d	4.833	4.788	4.889	4.850	5.140	5.100	4.576	4.356	3.505	3.457	19364	RAD51D	NM_011235_11_-1
Rad52	1.627	1.725	-2.157	-0.186	-1.294	-0.587	-0.036	-1.301	-0.826	-0.009	19365	RAD52	NM_011236_6_+1
Rad9a	5.004	5.112	5.087	4.973	5.204	5.322	5.344	5.605	5.849	5.775	19367	RAD9A	NM_011237_19_-1
Ranbp1	7.383	7.220	7.666	7.806	7.669	7.558	7.455	7.299	5.701	5.485	19385	RANBP1	NM_011239_16_-1
Ranbp2	4.877	4.974	6.539	6.189	6.053	6.044	5.968	5.856	5.554	5.855	19386	RGPD1 RGPD2 RG	NM_011240_10_+1
Rangap1	1.419	-0.449	2.089	-0.025	1.171	1.104	1.257	0.000	1.241	0.300	19387	RANGAP1	NM_011241_15_-1
Rasgrp2	6.426	6.524	2.484	2.522	3.351	3.268	5.024	5.382	6.397	6.327	19395	RASGRP2	NM_011242_19_+1
Rarb	-4.762	-4.669	-2.548	-2.057	0.176	0.016	1.113	0.674	-1.047	-2.179	218772	RARB	NM_011243_14_-1
Rarg	-4.799	-4.689	-4.629	-4.596	-3.409	-2.586	-3.839	-3.030	-2.808	-4.968	19411	RARG	NM_011244_15_-1
Rasgrf1	3.187	3.612	-1.902	-2.089	-2.007	-2.654	-0.897	-2.882	-2.468	-2.749	19417	RASGRF1	NM_011245_9_+1
Rasgrp1	0.634	-2.160	0.911	1.524	4.270	3.627	5.804	5.788	3.676	3.254	19419	RASGRP1	NM_011246_2_-1
Rbbp6	6.318	6.022	5.891	5.718	5.844	5.819	5.551	5.261	5.098	5.010	19647	RBBP6	NM_011247_7_+1
Rbl1	3.452	3.503	3.968	4.177	4.814	4.467	4.402	3.897	4.241	4.400	19650	RBL1	NM_011249_2_-1
Rbl2	4.498	4.725	4.583	4.460	5.275	5.858	5.202	5.398	6.138	6.258	19651	RBL2	NM_011250_8_+1
Rbm6	5.147	5.129	5.404	5.231	5.657	5.589	5.512	5.357	5.609	5.532	19654	RBM6	NM_011251_9_-1
Rbmx	5.137	5.201	4.898	4.639	4.764	4.652	4.272	3.828	3.677	3.295	19655	RBMX	NM_011252_X_-1
Rbp1	-3.090	-1.402	-2.667	-2.626	-3.492	-0.026	-3.343	-4.627	-3.242	-3.816	19659	RBP1	NM_011254_9_+1
Rbp4	-4.981	1.787	-1.558	0.103	-4.979	-4.787	-3.951	-4.789	-4.981	-4.981	19662	RBP4	NM_011255_19_-1
Pitpnm2	-0.488	-1.761	-2.752	-2.527	-1.750	-2.876	-2.023	-2.187	-4.981	-2.750	19679	PITPNM2	NM_011256_5_-1
Rfc1	6.092	5.963	5.725	5.738	5.580	5.640	5.805	5.577	5.468	5.249	19687	RFC1	NM_011258_5_-1
Reln	-3.308	-3.182	-4.113	-1.712	-4.576	-3.021	-3.637	-4.775	-4.981	-3.870	19699	RELN	NM_011261_5_-1
Dpf2	5.574	5.639	6.200	6.213	6.295	6.090	6.156	6.012	6.476	6.322	19708	DPF2	NM_011262_19_-1
Rest	5.147	5.016	5.356	5.392	6.374	6.267	5.720	5.555	5.327	5.599	19712	REST	NM_011263_5_+1
Rev3l	3.307	3.038	4.805	4.515	4.762	4.892	4.043	3.741	3.852	3.861	19714	REV3L	NM_011264_10_+1
Rfx3	2.239	2.034	2.026	1.983	2.341	1.419	1.967	0.855	2.400	2.330	19726	RFX3	NM_011265_19_-1
Rfxank	3.620	3.743	2.683	2.999	2.759	3.003	2.602	3.222	2.529	2.624	19727	RFXANK	NM_011266_8_-1
Rgs16	-1.902	0.050	-4.976	-1.987	-2.700	3.785	-4.350	-0.365	-4.981	-4.981	19734	RGS16	NM_011267_1_+1
Rgs9	-2.483	-4.981	-4.897	-4.897	-4.204	-4.948	-4.961	-4.960	-4.981	-4.981	19739	RGS9	NM_011268_11_-1

Rhag	-4.981	1.357	-1.269	2.989	-1.860	3.268	0.156	3.429	-3.925	1.477	19743	RHAG	NM_011269_17+_1
Rhd	2.480	3.415	-0.069	4.219	1.383	4.714	0.918	4.707	-0.736	1.627	19746	RHCE RHD	NM_011270_4+_1
Rnase1	-4.981	-1.308	-3.954	-3.306	-5.017	-4.231	-3.826	-4.954	-4.981	-4.981	19752	RNASE1	NM_011271_14_-_1
Xpr1	3.726	4.410	5.074	4.600	4.545	4.725	5.116	5.169	5.880	6.384	19775	XPR1	NM_011273_1_-_1
Uri1	5.390	5.431	5.273	5.450	5.167	5.681	5.080	5.293	5.227	5.460	19777	URI1	NM_011274_7_-_1
Rnaseh1	3.771	3.936	3.896	3.490	3.385	3.499	3.511	3.080	3.418	2.831	19819	RNASEH1	NM_011275_12+_1
Rlim	4.755	4.748	5.649	5.646	5.728	5.662	5.717	5.469	5.761	6.050	19820	RLIM	NM_011276_X_-_1
Rnf2	5.282	5.634	4.577	4.744	5.099	5.167	5.434	5.416	5.394	5.818	19821	RNF2	NM_011277_1_-_1
Rnf4	5.054	4.539	5.823	5.774	4.854	5.071	5.195	5.400	5.866	5.857	19822	RNF4	NM_011278_5+_1
Rnf7	7.177	7.073	6.516	6.305	5.993	5.929	6.169	6.127	5.608	5.651	19823	RNF7	NM_011279_9_-_1
Trim10	-2.647	1.528	-1.142	2.613	-1.322	3.024	0.185	2.827	-1.618	1.269	19824	TRIM10	NM_011280_17+_1
Rorc	-1.781	-1.509	-4.956	-2.723	-2.271	-4.919	-2.799	-4.827	-4.981	-4.981	19885	RORC	NM_011281_3+_1
Rpa2	4.972	5.149	4.566	4.888	5.196	5.027	4.865	4.776	4.086	3.708	19891	RPA2	NM_011284_4+_1
Rpgr	2.291	2.361	1.677	1.654	1.308	1.757	1.139	0.604	1.039	1.530	19893	RPGR	NM_011285_X_-_1
Rpl10a	8.386	8.656	8.636	8.843	8.133	8.460	8.446	8.799	7.291	7.659	19896	RPL10A	NM_011287_17+_1
Mrpl23	6.962	6.683	5.997	5.851	6.009	5.999	6.632	6.477	5.433	5.160	19935	LOC102724828 MF	NM_011288_7+_1
Rpl27	8.605	8.576	9.103	9.056	8.989	8.908	9.132	8.909	7.859	7.540	19942	RPL27	NM_011289_11+_1
Rpl6	8.826	8.811	9.243	9.373	9.072	9.093	9.075	9.124	8.259	8.098	19988	RPL6	NM_011290_5+_1
Rpl7	9.714	9.754	9.645	9.681	9.416	9.393	9.490	9.498	8.860	8.769	19989	RPL7	NM_011291_1_-_1
Rpl9	9.720	9.604	9.767	9.669	9.638	9.511	9.761	9.539	8.772	8.527	20005	RPL9	NM_011292_5_-_1
Polr2j	7.026	6.939	6.181	6.174	6.113	6.198	6.541	6.553	5.789	5.728	20022	POLR2J	NM_011293_5+_1
Sub1	10.745	10.543	9.787	9.753	9.761	9.845	9.923	9.712	8.626	8.751	20024	SUB1	NM_011294_15_-_1
Rps12	8.133	7.981	8.609	8.548	8.391	8.268	8.796	8.483	7.148	6.989	20042	RPS12	NM_011295_10_-_1
Rps18	7.506	7.415	8.342	7.948	8.035	7.794	8.243	8.023	7.332	7.049	20084	RPS18	NM_011296_17_-_1
Rps24	2.914	3.049	1.133	0.934	2.523	1.875	2.459	1.753	-0.767	-0.299	20088	RPS24	NM_011297_14+_1
Rps6ka2	2.193	0.932	3.460	3.322	1.680	1.377	2.251	1.497	3.402	2.123	20112	RPS6KA2	NM_011299_17+_1
Rps7	8.987	8.570	9.342	9.039	9.221	8.904	9.453	9.123	8.382	7.935	20115	RPS7	NM_011300_12_-_1
Rs1	-1.627	-4.981	-0.380	-3.615	-2.583	-3.942	-1.308	-3.771	-1.598	-2.516	20147	RS1	NM_011302_X+_1
Dhrs3	0.221	2.621	2.278	3.627	3.609	4.368	3.667	3.932	3.521	3.987	20148	DHRS3	NM_011303_4+_1
Ruvbl2	5.121	4.963	4.927	5.034	4.934	5.025	4.857	5.206	4.898	4.691	20174	RUVBL2	NM_011304_7_-_1
Rxa	2.180	1.249	3.159	3.230	1.137	1.376	2.227	3.818	4.931	5.742	20181	RXRA	NM_011305_2+_1
Rxb	0.792	0.583	1.588	0.944	1.385	0.975	1.623	1.727	2.626	2.505	20182	RXRB	NM_011306_17+_1
Uimc1	5.344	5.357	5.880	5.783	5.800	5.676	5.435	5.461	5.487	5.583	20184	UIMC1	NM_011307_13_-_1
Ncor1	6.525	6.734	6.348	6.024	6.326	6.366	6.479	5.921	5.607	5.584	20185	NCOR1	NM_011308_11_-_1
S100a1	3.669	3.824	4.921	4.925	2.551	2.773	4.725	5.009	5.011	5.077	20193	S100A1	NM_011309_3_-_1
S100a3	-3.668	-2.239	-3.842	-4.073	0.202	0.891	0.557	-1.465	-4.394	-3.855	20197	S100A3	NM_011310_3+_1
S100a4	4.361	3.373	6.311	5.654	10.111	9.890	10.335	9.394	9.632	9.418	20198	S100A4	NM_011311_3+_1
S100a5	-1.635	-4.981	-4.344	-4.991	0.107	-0.091	-0.265	-2.177	-2.669	-4.981	20199	S100A5	NM_011312_3+_1
S100a6	8.927	8.549	6.533	5.455	9.058	8.565	9.360	8.637	9.792	9.302	20200	S100A6	NM_011313_3+_1
Saa3	-3.099	-2.275	-2.915	-4.829	-3.003	-3.092	-2.600	-3.256	1.731	2.567	20210	NA	NM_011315_7_-_1
Khdrbs1	6.218	6.254	7.194	7.004	7.160	6.830	6.946	6.854	6.733	6.938	20218	KHDRBS1	NM_011317_4_-_1
Sars	3.034	2.552	2.555	2.517	2.238	1.933	1.749	1.796	2.684	1.817	20226	SARS	NM_011319_3_-_1
Scn1b	-2.215	-4.981	-3.302	-4.272	-2.040	-4.425	-1.400	-0.757	0.497	0.258	20266	SCN1B	NM_011322_7_-_1
Scnn1a	-2.273	-1.601	-0.970	-0.523	-1.146	-0.438	2.897	1.950	4.129	2.437	20276	SCNN1A	NM_011324_6+_1
Scnn1g	-4.981	-4.981	-4.329	-2.451	0.484	2.085	-1.398	-1.153	-4.981	-4.981	20278	SCNN1G	NM_011326_7+_1
Scp2	8.555	8.572	8.684	8.649	8.745	8.742	8.694	8.578	8.528	8.459	20280	SCP2	NM_011327_4_-_1
Sct	2.949	1.755	-0.152	-0.789	-1.607	-4.284	-3.105	-1.860	-4.981	-4.981	20287	NA	NM_011328_7_-_1
Ccl1	-4.981	-4.981	-4.981	-4.981	-4.004	-3.421	-4.941	-4.900	-4.981	-4.981	20290	CCL1	NM_011329_11_-_1
Ccl12	-3.349	-4.981	-4.941	-4.941	-4.933	-4.616	-4.809	-1.087	-3.351	-3.166	20293	CCL2	NM_011331_11+_1
Ccl17	-4.981	-4.981	1.195	-1.937	-3.658	-4.711	2.282	0.538	-4.981	-4.981	20295	CCL17	NM_011332_8+_1
Ccl2	-0.312	-4.981	0.132	2.433	-1.085	-0.033	2.757	3.317	3.456	4.303	20296	CCL13	NM_011333_11+_1
Ccln4	2.690	2.346	3.688	1.951	3.140	3.488	3.366	2.830	4.044	3.050	12727	CLCN4	NM_011334_7_-_1
Ccl21b	-4.981	-3.827	-4.980	-4.881	-4.981	-4.961	-4.708	-4.583	-4.981	-4.981	100042493	CCL21	NM_011335_4+_1
Ccl21b	-4.981	-3.827	-4.976	-4.537	-4.981	-4.961	-3.341	-4.541	-4.981	-4.981	100042493	CCL21	NM_011335_dup1_4+_2
Ccl21b	-4.981	-3.827	-4.976	-4.537	-4.981	-4.961	-3.341	-4.541	-4.981	-4.981	100042493	CCL21	NM_011335_dup2_4+_3
Ccl21b	-4.981	-3.827	-4.980	-4.881	-4.981	-4.961	-4.708	-4.583	-4.981	-4.981	100042493	CCL21	NM_011335_dup3_4+_4
Ccl27a	-4.952	-4.981	-4.581	-4.793	-3.896	-4.034	-3.548	-4.711	-4.625	-4.966	20301	NA	NM_011336_4_-_1
Ccl3	7.817	8.206	3.619	3.026	8.370	8.447	8.446	7.269	6.127	5.970	20302	CCL3L3	NM_011337_11_-_1
Ccl9	1.530	-1.176	3.620	3.568	4.540	3.541	8.901	8.960	10.252	10.161	20308	NA	NM_011338_11_-_1
Serpinf1	5.265	5.235	5.970	5.982	0.308	-0.929	1.385	2.789	-0.098	-0.894	20317	SERPINF1	NM_011340_11_-_1
Sdf4	5.125	6.140	5.908	6.481	5.770	6.369	5.622	6.181	6.123	6.397	20318	SDF4	NM_011341_4+_1
Sec22b	7.036	7.194	6.325	6.571	6.410	6.679	6.258	6.484	6.060	6.334	20333	SEC22B	NM_011342_3+_1
Sec61g	8.513	8.183	7.984	7.746	7.240	7.161	7.514	7.449	7.103	6.854	20335	SEC61G	NM_011343_11_-_1
Sel1l	2.335	1.455	3.065	3.227	2.899	2.380	2.732	2.370	3.153	3.543	20338	SEL1L	NM_011344_12_-_1
Sele	-3.668	-4.981	-3.839	-3.077	-4.023	-3.487	-2.014	-3.209	-1.238	-1.776	20339	SELE	NM_011345_1+_1
Sell	10.622	10.484	6.547	6.719	1.955	4.448	4.750	7.071	9.455	9.184	20343	SELL	NM_011346_1+_1
Selp	2.091	1.797	-3.714	-2.065	-2.347	-2.135	-1.262	-2.173	0.142	1.909	20344	SELP	NM_011347_1+_1
Sema3e	-4.981	-3.267	-4.268	-4.978	-4.505	-4.669	-4.652	-4.679	-4.981	-4.981	20349	SEMA3E	NM_011348_5+_1
Sema3f	-2.739	-4.981	-3.428	-2.238	1.359	2.523	-1.988	-1.913	-4.981	-4.981	20350	SEMA3F	NM_011349_9_-_1
Sema4f	-4.293	-4.080	4.529	4.010	0.893	0.889	-2.093	-2.598	-4.981	-4.559	20355	SEMA4F	NM_011350_6_-_1
Sema6c	-3.090	-3.315	-4.981	-4.981	-4.903	-4.919	-4.448	-4.964	-3.750	-3.480	20360	SEMA6C	NM_011351_3+_1
Sema7a	4.092	4.283	2.150	2.939	3.778	3.930	2.620	2.287	-4.981	-3.855	20361	SEMA7A	NM_011352_9+_1
Serf1	0.552	1.459	0.144	0.743	-1.093	-0.271	-0.709	1.125	-0.943	-0.097	20365	SERF1A SERF1B	NM_011353_13+_1
Serf2	9.668	9.537	10.044	10.016	9.672	9.767	9.986	9.859	9.334	9.271	378702	SERF2	NM_011354_2+_1

Spi1	6.327	5.926	8.647	8.724	9.301	9.171	9.096	8.930	9.345	9.213	20375	SPI1	NM_011355_2_+1
Srsf2	8.390	8.545	8.495	8.553	8.424	8.562	8.247	8.549	7.948	8.026	20382	SRSF2	NM_011358_11_+1
Sgce	1.462	0.566	-3.857	-2.568	-4.946	-3.803	-4.859	-4.793	-4.981	-2.750	20392	SGCE	NM_011360_6_-1
Sgk1	0.896	-0.166	6.768	6.949	4.814	5.264	6.537	7.503	7.534	8.168	20393	SGK1	NM_011361_10_+1
Sh2b1	1.558	2.465	0.822	0.276	0.923	0.940	-0.213	0.559	1.588	2.048	20399	SH2B1	NM_011363_7_-1
Sh2d1a	-1.576	-1.459	-3.444	-1.136	-2.602	-0.246	-2.308	1.054	-4.394	-3.480	20400	SH2D1A	NM_011364_X_+1
Itsn2	4.844	5.132	5.205	5.389	5.568	5.889	5.639	5.524	5.625	6.066	20403	ITSN2	NM_011365_12_+1
Sorbs3	-3.588	-4.981	-4.518	-4.606	-4.931	-4.468	-2.433	-2.360	-4.981	-4.848	20410	SORBS3	NM_011366_14_+1
Shc1	5.362	5.349	6.114	6.166	5.603	5.745	5.824	5.973	6.873	6.969	20416	SHC1	NM_011368_3_+1
Shcbp1	-2.378	-0.417	2.720	3.047	3.345	2.778	2.745	1.732	1.272	0.954	20419	SHCBP1	NM_011369_8_-1
Cyfp1	6.597	7.004	6.289	6.332	6.742	6.837	6.965	7.059	8.232	8.106	20430	CYFIP1	NM_011370_7_+1
St6galnac1	-4.981	1.491	-4.837	5.169	-4.864	3.704	-4.772	2.157	-4.981	0.266	20445	ST6GALNAC1	NM_011371_11_+1
St6galnac3	-2.362	-4.981	-4.157	-2.265	-0.184	-0.410	1.535	1.035	-3.531	-1.726	20447	ST6GALNAC3	NM_011372_3_-1
St6galnac4	3.286	3.561	3.288	4.443	3.100	3.539	3.411	4.672	4.086	4.578	20448	ST6GALNAC4	NM_011373_2_+1
St8sia1	5.172	5.599	2.998	2.209	6.413	5.809	4.982	3.285	0.428	-1.110	20449	ST8SIA1	NM_011374_6_-1
St3gal5	-4.500	0.795	2.154	3.180	1.197	1.098	0.968	0.459	1.320	-2.648	20454	ST3GAL5	NM_011375_6_+1
Sin3a	0.298	-0.412	-1.037	-0.664	-0.613	-0.938	-0.852	-1.040	1.210	1.021	20466	SIN3A	NM_011378_9_+1
Sipa1	-3.183	1.102	1.532	1.527	1.725	1.696	1.939	1.469	2.500	-0.168	20469	SIPA1	NM_011379_19_+1
Six3	-3.668	-4.981	-4.974	-4.974	1.539	3.604	-2.034	-2.752	-4.394	-4.981	20473	SIX3	NM_011381_17_+1
Six5	0.642	0.912	-2.230	-2.239	-0.837	0.767	-3.771	-1.912	-4.394	-4.981	20475	SIX5	NM_011383_7_+1
Ski	3.398	3.489	3.113	3.262	3.601	3.284	4.176	4.152	5.570	5.492	20481	SKI	NM_011385_4_-1
Skil	3.842	4.482	3.903	4.179	3.976	3.951	3.429	4.486	4.412	4.304	20482	SKIL	NM_011386_3_+1
Slc10a1	-1.807	-2.340	-3.886	-2.422	-4.281	-4.184	-3.554	-3.701	-3.195	-3.459	20493	SLC10A1	NM_011387_12_-1
Slc12a7	1.000	1.649	4.238	2.761	1.213	0.736	1.551	2.154	3.569	3.686	20499	SLC12A7	NM_011390_13_+1
Slc16a7	3.075	3.265	0.252	0.330	2.291	1.737	3.057	3.540	4.069	4.580	20503	SLC16A7	NM_011391_10_-1
Slc1a2	1.602	0.778	-3.487	-2.020	-2.459	-2.258	1.646	2.383	-1.911	-4.316	20511	SLC1A2	NM_011393_2_+1
Slc20a2	2.070	1.808	4.954	3.104	3.662	2.364	3.229	3.065	3.937	3.861	20516	SLC20A2	NM_011394_8_+1
Slc22a3	-2.073	-0.441	-3.623	-2.118	-3.056	-2.289	-2.488	-1.197	-4.981	-2.421	20519	SLC22A3	NM_011395_17_-1
Slc22a5	2.840	3.517	5.523	5.625	3.075	3.315	3.684	4.013	3.286	4.102	20520	SLC22A5	NM_011396_11_-1
Slc23a1	-1.903	-1.257	-1.578	-1.776	-1.910	-3.156	-1.828	-1.698	-1.199	-1.776	20522	SLC23A1	NM_011397_18_-1
Slc25a14	-4.917	-4.759	-4.959	-2.789	-4.906	-4.795	-3.564	-4.898	-4.792	-4.906	20523	SLC25A14	NM_011398_X_+1
Slc25a17	6.131	6.226	5.824	5.833	5.667	5.729	5.600	5.706	5.782	5.619	20524	SLC25A17	NM_011399_15_-1
Slc2a1	4.147	4.558	3.803	4.382	4.223	4.623	4.304	4.408	5.272	4.539	20525	SLC2A1	NM_011400_4_+1
Slc2a3	5.367	5.468	3.655	3.424	6.723	6.497	5.330	4.190	2.386	1.871	20527	SLC2A3	NM_011401_6_-1
Slc4a1	-3.843	2.532	0.147	4.275	0.992	4.945	1.887	4.697	0.928	3.416	20533	SLC4A1	NM_011403_11_-1
Slc7a5	4.045	4.135	3.746	4.177	3.650	4.874	3.161	3.720	3.021	2.566	20539	SLC7A5	NM_011404_8_-1
Slc7a7	-4.457	-1.037	-4.205	-2.291	-3.448	-0.905	-2.378	-1.190	-4.721	1.325	20540	SLC7A7	NM_011405_14_-1
Slc8a1	0.644	0.912	1.476	1.062	1.925	2.288	1.106	1.882	0.235	1.916	20541	SLC8A1	NM_011406_17_-1
Slfn1	-3.668	-2.126	0.238	0.718	1.237	1.989	3.966	4.450	8.303	7.251	20555	NA	NM_011407_11_+1
Slfn2	6.679	6.272	7.266	6.876	8.475	7.859	8.715	8.415	9.630	9.294	20556	NA	NM_011408_11_+1
Slfn3	0.301	0.658	-0.387	0.247	1.052	0.240	0.106	-0.777	2.960	2.334	20557	SLFN12L	NM_011409_11_+1
Slfn4	-4.981	-4.981	-4.228	-4.207	-4.708	-0.335	-1.106	1.160	5.327	4.458	20558	SLFN12L	NM_011410_11_+1
C4a	-0.292	-0.431	-0.897	-1.276	0.168	0.020	0.288	0.291	0.353	0.285	625018	C4A C4B	NM_011413_17_-1
Slpi	8.179	9.716	4.615	3.768	5.868	4.791	5.780	6.461	7.142	6.732	20568	SLPI	NM_011414_2_-1
Snai2	-4.981	-4.981	-3.808	-4.579	-4.370	-4.681	-3.222	-4.741	-4.981	-4.981	20583	SNAI2	NM_011415_16_+1
Smarca2	4.850	4.916	5.547	5.461	6.399	6.550	5.950	5.759	5.855	5.736	67155	SMARCA2	NM_011416_19_+1
Smarca4	4.359	5.101	4.569	4.906	4.788	4.278	4.400	4.629	4.832	4.286	20586	SMARCA4	NM_011417_9_+1
Smarcb1	5.305	5.691	4.788	5.205	4.902	4.896	4.279	4.575	2.920	3.610	20587	SMARCB1	NM_011418_10_-1
Smn1	4.790	4.762	4.453	4.403	4.578	4.354	4.376	4.078	4.604	4.413	20595	SMN1 SMN2	NM_011420_13_+1
Smpd1	4.162	4.180	3.582	4.095	3.707	3.550	4.140	4.352	4.992	5.060	20597	SMPD1	NM_011421_7_+1
Ncor2	2.075	2.489	3.322	3.125	3.850	3.375	3.819	3.591	4.614	4.391	20602	NCOR2	NM_011424_5_-1
Siglec1	-0.694	-1.814	-0.035	-0.428	-0.253	-1.164	0.534	2.208	5.046	3.923	20612	SIGLEC1	NM_011426_2_-1
Snai1	-1.186	-0.446	-1.575	-2.140	0.369	-0.690	-1.862	-3.054	-4.981	-2.753	20613	SNAI1	NM_011427_2_+1
Eftud2	5.590	5.320	6.044	5.960	6.085	5.868	5.891	6.008	6.429	6.114	20624	EFTUD2	NM_011431_11_-1
Snrpc	6.142	5.786	5.984	5.845	6.067	5.938	6.146	5.834	5.452	5.150	20630	NA	NM_011432_17_+1
Sod1	6.808	6.561	7.194	6.737	6.309	5.653	6.714	5.813	5.491	3.876	20655	SOD1	NM_011434_16_+1
Sod3	-3.189	-4.981	-4.958	-2.904	-4.160	-4.896	-0.313	-0.082	-4.981	-2.750	20657	SOD3	NM_011435_5_+1
Sorl1	5.094	6.110	5.038	4.672	6.405	6.386	6.602	6.782	8.319	8.485	20660	SORL1	NM_011436_9_-1
Sox12	0.671	0.603	1.051	0.299	0.320	0.302	-0.066	-0.393	-2.396	-2.309	20667	SOX12	NM_011438_2_-1
Sox13	-4.981	-1.773	-2.874	-1.943	-3.533	-1.477	-3.162	-1.585	0.492	0.925	20668	SOX13	NM_011439_1_-1
Sox5	-4.981	-2.118	-4.981	-4.981	-3.996	-4.932	-4.752	-4.909	-4.981	-4.981	20678	SOX5	NM_011444_6_-1
Sox6	-4.981	-3.522	-4.844	-4.847	-4.778	-4.967	-4.840	-4.916	-4.981	-4.793	20679	SOX6	NM_011445_7_-1
Sox8	-1.287	-3.408	-3.822	-3.162	-2.950	-3.757	-4.586	-4.410	-0.547	-0.385	20681	SOX8	NM_011447_17_-1
Spa17	2.269	1.273	0.049	-0.991	0.250	-1.177	-0.088	-2.977	-1.192	-2.421	20686	SPA17	NM_011449_9_-1
Sphk1	-4.981	-2.547	-4.755	-0.865	-2.296	-2.298	-2.733	-0.582	-2.133	-0.678	20698	SPHK1	NM_011451_11_+1
Serp1nb9b	-2.178	-4.981	-1.905	-0.197	-3.541	-4.834	-1.527	-3.179	-2.989	-4.981	20706	NA	NM_011452_13_+1
Serp1nb9c	-4.981	-0.751	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	20707	NA	NM_011453_13_-1
Serp1nb6b	3.881	3.583	7.222	7.279	3.885	4.448	2.642	2.396	-1.668	-1.845	20708	NA	NM_011454_13_+1
Serp1nb8	-0.023	-4.981	5.654	5.778	-1.407	-4.273	1.893	3.434	4.390	5.431	20725	SERP1NB8	NM_011459_1_+1
Spic	4.161	2.900	4.460	5.806	5.150	4.875	5.668	7.082	3.042	5.281	20728	SPIC	NM_011461_10_-1
Spin1	-4.041	-4.184	-4.069	-4.719	-3.117	-4.854	-4.389	-4.803	-3.612	-4.250	20729	SPIN1	NM_011462_13_+1
Spint2	5.083	4.319	4.066	4.337	3.584	3.775	2.544	2.185	-1.435	-3.079	20733	SPINT2	NM_011464_7_-1
Spta1	-4.981	0.340	-1.192	2.026	-0.821	2.639	-3.101	1.925	-4.981	0.587	20739	SPTA1	NM_011465_1_+1
Spr	5.343	5.112	4.849	5.094	5.255	5.147	5.031	4.703	4.578	4.315	20751	SPR	NM_011467_6_-1

Sptlc2	6.084	5.930	6.389	6.142	6.583	6.354	6.628	6.626	7.469	7.464	20773	SPTLC2	NM_011479_12_-1
Srebfl	5.041	4.855	4.657	4.615	4.999	4.832	5.181	5.090	5.903	5.754	20787	SREBF1	NM_011480_11_-1
Srms	-2.842	-4.981	-2.969	-3.412	2.360	2.642	0.123	0.024	-4.981	-4.981	20811	SRMS	NM_011481_2_-1
Nhp2l1	8.291	8.169	7.497	7.508	7.614	7.601	7.587	7.405	6.185	5.919	20826	SNU13	NM_011482_15_-1
Stam	4.741	4.979	3.992	4.242	4.111	4.153	4.202	4.184	4.521	4.855	20844	STAM	NM_011484_2_+1
Star	1.697	1.033	0.399	0.316	1.322	0.162	0.737	0.422	1.179	0.559	20845	STAR	NM_011485_8_+1
Stat3	5.019	4.907	4.252	4.936	4.787	4.942	5.280	5.048	5.116	5.225	20848	STAT3	NM_011486_11_-1
Stat4	1.779	1.844	2.918	1.492	4.933	4.255	4.089	3.487	2.673	0.778	20849	STAT4	NM_011487_1_+1
Stat5a	3.688	3.424	3.986	3.867	4.336	3.930	4.483	4.004	4.974	5.088	20850	STAT5A	NM_011488_11_+1
Stat5b	3.564	3.179	3.824	3.537	4.375	4.259	4.996	4.985	5.967	5.643	20851	STAT5B	NM_011489_11_-1
Stau1	-3.780	-3.367	-3.808	-4.593	-3.169	-4.783	-3.956	-4.723	-4.189	-1.108	20853	STAU1	NM_011490_2_-1
Stc2	-4.981	-4.981	-4.967	-3.378	-4.966	-2.791	-4.847	-3.838	-4.981	-3.498	20856	STC2	NM_011491_11_-1
Stk11	3.573	3.982	3.002	3.476	3.019	3.858	3.876	3.014	3.431	3.151	20869	STK11	NM_011492_10_+1
Stk16	4.716	4.649	4.063	4.347	3.848	3.962	3.947	4.481	4.783	4.693	20872	STK16	NM_011494_1_+1
Plk4	1.302	0.835	4.795	4.494	3.599	3.153	3.199	3.213	2.511	1.980	20873	PLK4	NM_011495_3_+1
Aurkb	2.535	0.851	4.166	4.370	4.641	3.937	4.288	4.180	4.060	3.490	20877	AURKB	NM_011496_11_+1
Aurka	-4.076	0.420	-1.096	0.913	0.408	0.662	0.296	-0.171	-0.365	-1.379	20878	AURKA	NM_011497_2_-1
Bhlhe40	6.234	6.499	5.966	6.403	8.587	8.592	7.925	7.471	6.162	6.256	20893	BHLHE40	NM_011498_6_+1
Strap	6.612	6.383	6.859	6.935	6.612	6.666	6.624	6.545	6.466	6.551	20901	STRAP	NM_011499_6_+1
Strn	0.823	1.275	2.958	2.384	2.319	1.691	2.514	2.046	3.966	3.701	268980	STRN	NM_011500_17_-1
Stx3	-4.174	-4.639	-3.495	-4.938	-4.864	-4.955	-4.450	-4.098	-4.702	-4.935	20908	STX3	NM_011502_19_-1
Stxbp2	7.915	7.947	7.299	7.528	7.521	7.547	7.478	7.515	7.709	7.357	20911	STXBP2	NM_011503_8_+1
Stxbp3	5.185	5.685	6.636	6.500	6.166	5.924	6.801	6.412	6.027	6.463	20912	STXBP3	NM_011504_3_-1
Stxbp4	1.407	1.916	0.210	0.644	0.425	1.242	-0.330	1.214	-0.545	1.555	20913	STXBP4	NM_011505_11_-1
Sucla2	6.311	6.454	6.619	6.650	5.976	6.078	6.131	6.233	6.194	6.170	20916	SUCLA2	NM_011506_14_+1
Suclg2	4.621	3.018	4.834	3.331	5.205	3.475	4.751	3.109	4.368	2.866	20917	SUCLG2	NM_011507_6_-1
Eif1	10.526	10.615	10.021	10.210	10.463	10.553	10.384	10.566	9.726	10.058	20918	NA	NM_011508_11_+1
Supt4b	-1.561	-1.008	-1.368	-2.799	-1.305	-2.671	-1.696	-2.210	-1.535	-1.928	100041294	NA	NM_011509_10_-1
Abcc8	-4.981	-4.981	-4.981	-4.981	-3.484	-1.414	-4.861	-4.430	-4.981	-4.981	20927	ABCC8	NM_011510_7_-1
Abcc9	-4.981	-4.981	-4.919	-4.200	-4.586	-2.172	-3.603	-1.576	-4.060	-0.696	20928	ABCC9	NM_011511_6_-1
Surf4	8.461	8.421	8.066	8.163	8.104	7.945	7.943	8.167	8.734	8.728	20932	SURF4	NM_011512_2_-1
Med22	4.087	4.229	3.509	3.713	3.419	3.056	3.636	3.755	4.787	4.780	20933	MED22	NM_011513_2_-1
Suv39h1	3.199	2.151	3.282	4.350	3.632	3.637	4.157	3.880	3.088	3.040	20937	SUV39H1	NM_011514_X_-1
Sycp3	-3.349	-0.314	-2.916	-4.534	-4.806	-4.398	-4.081	-4.148	-3.531	-2.696	20962	SYCP3	NM_011517_10_+1
Syk	6.986	7.086	2.937	2.322	4.711	4.202	5.799	5.085	5.260	3.153	20963	SYK	NM_011518_12_+1
Sdc1	3.957	5.548	-3.749	0.447	-2.543	-1.088	1.164	3.937	2.264	2.679	20969	SDC1	NM_011519_12_+1
Sdc3	3.493	2.933	6.802	6.712	4.964	3.794	6.319	6.429	7.501	6.443	20970	SDC3	NM_011520_4_+1
Sdc4	7.752	7.101	2.099	2.660	3.148	3.153	4.228	4.176	-0.562	-0.096	20971	SDC4	NM_011521_2_-1
Syng3	-4.981	-4.981	-2.154	-4.942	-2.665	-1.239	-3.995	-3.720	-4.981	-4.981	20974	SYNG3	NM_011522_17_-1
Synj2	-0.346	-3.873	-2.004	-1.852	-4.720	-4.934	-4.406	-4.170	-2.265	-3.840	20975	SYNJ2	NM_011523_17_+1
Tagln	-1.172	-2.275	-1.203	-0.959	-1.433	-2.208	-0.295	-0.839	-0.419	0.234	21345	TAGLN	NM_011526_9_-1
Tal1	-4.981	-1.215	-5.003	0.009	-1.633	0.032	-2.537	0.291	-2.379	-1.189	21349	TAL1	NM_011527_4_+1
Taldo1	9.504	9.401	10.608	10.580	10.351	10.275	9.862	9.792	10.264	10.127	21351	TALDO1	NM_011528_7_+1
Tank	3.817	3.478	5.308	5.683	6.006	5.893	5.496	5.158	3.526	3.770	21353	TANK	NM_011529_2_+1
Tap2	6.834	6.800	8.508	8.746	7.640	7.678	7.282	7.342	6.883	6.458	21355	TAP2	NM_011530_17_+1
Tbx10	-4.981	-4.981	-4.143	-3.884	-4.954	-4.683	-4.810	-4.672	-4.981	-4.981	109575	TBX10	NM_011533_19_+1
Tbx3	-4.981	-4.981	-4.949	-2.905	-1.369	-3.789	-3.870	-4.603	-4.981	-4.981	21386	TBX3	NM_011535_5_+1
Tbx6	-0.280	-0.742	-2.900	-2.718	-2.139	-2.527	-0.804	-1.354	0.292	-0.244	21389	TBX6	NM_011538_7_+1
Tbxas1	1.792	1.404	5.143	5.545	2.193	0.715	4.216	4.851	5.287	5.139	21391	TBXAS1	NM_011539_6_+1
Tcap	-2.948	-0.202	-4.270	-4.020	-3.620	-3.558	-2.408	-3.605	-2.012	-2.743	21393	TCAP	NM_011540_11_+1
Tcea1	6.938	6.990	6.908	6.924	7.089	7.085	7.223	7.028	6.560	6.652	21399	TCEA1	NM_011541_1_+1
Tcea3	-4.981	-4.981	1.142	-1.805	0.903	-2.160	3.457	-0.645	3.364	-1.398	21401	TCEA3	NM_011542_4_+1
Skp1a	8.619	8.376	7.765	7.579	7.903	7.532	7.392	7.164	6.760	6.441	21402	SKP1	NM_011543_11_+1
Tcf12	4.732	4.441	3.029	2.513	2.094	1.960	2.549	0.961	2.756	2.611	21406	TCF12	NM_011544_9_-1
Tcf21	-2.739	-1.693	-2.409	-4.479	-4.859	-4.929	-3.467	-4.338	-2.712	-4.981	21412	TCF21	NM_011545_10_-1
Zeb1	3.613	3.569	4.924	4.891	4.998	4.965	3.844	3.449	2.389	1.435	21417	ZEB1	NM_011546_18_+1
Tfap2a	-3.349	-3.233	-4.237	-4.290	-4.288	-4.768	-4.315	-4.032	-4.394	-4.342	21418	TFAP2A	NM_011547_13_-1
Tcf3	2.823	3.439	2.017	2.139	2.507	2.450	2.078	2.648	2.992	2.394	21423	TCF3	NM_011548_10_-1
Tfeb	2.995	2.519	-1.240	-0.054	1.701	2.201	3.264	1.650	1.316	2.517	21425	TFEB	NM_011549_17_+1
Mlx	3.193	3.247	2.436	2.701	2.516	1.842	2.478	2.420	3.365	3.618	21428	MLX	NM_011550_11_+1
Ubtf	4.666	4.951	4.596	4.908	4.560	4.674	4.074	4.749	4.279	4.814	21429	UBTF	NM_011551_11_-1
Tcof1	3.255	3.512	4.273	3.592	4.694	4.226	4.748	4.391	5.421	5.024	21453	TCOF1	NM_011552_18_-1
Tcp10a	-4.981	-4.981	-4.394	-4.657	-4.352	-4.708	-4.920	-4.949	-4.981	-3.971	21461	NA	NM_011553_17_+1
Tcte3	-3.810	-4.981	-3.674	-4.602	-4.961	-4.816	-4.755	-4.806	-4.915	-4.273	21647	TCTE3	NM_011560_17_-2
Tdg	-3.790	-4.040	-2.853	-4.622	-1.180	-4.703	-3.555	-4.799	-4.357	-4.366	21665	TDG	NM_011561_10_+1
Tdgf1	-3.349	-4.981	-1.442	-3.252	-3.660	-4.334	-4.211	-2.758	-4.981	-4.981	21667	TDGF1	NM_011562_9_-1
Prdx2	7.629	7.248	7.992	8.045	6.949	7.410	7.177	7.558	7.122	6.512	21672	PRDX2	NM_011563_8_+1
Tead2	-4.119	-3.777	-3.819	-4.718	-4.786	-4.932	-4.360	-3.434	-4.358	-4.713	21677	TEAD2	NM_011565_7_+1
Tead3	-4.981	-4.981	-4.974	-4.981	-4.981	-4.981	-4.977	-4.974	-4.981	-4.981	21678	TEAD3	NM_011566_17_-1
Alyref	7.138	7.012	7.615	7.746	7.575	7.321	7.080	6.976	6.186	6.026	21681	NA	NM_011568_11_-1
Tesk1	4.875	4.738	5.238	4.661	5.050	4.660	5.208	5.214	5.170	5.623	21754	TESK1	NM_011571_4_+1
Tex264	2.495	2.324	0.430	1.101	-0.576	1.039	0.478	1.183	1.477	1.136	21767	TEX264	NM_011573_9_-1
Cirh1a	4.492	4.413	4.719	4.708	4.658	4.502	4.456	4.631	3.953	3.964	21771	UTP4	NM_011574_8_+1
Tfpi	1.160	0.315	0.119	-0.338	-1.448	-2.184	0.888	0.512	0.499	0.981	21788	TFPI	NM_011576_2_-1

Tgfb1	5.148	5.245	5.912	6.031	6.208	6.245	6.411	6.734	7.712	7.922	21803	TGFB1	NM_011577_7_+1
Tgfb3	2.083	1.354	-1.008	-1.328	-2.603	-1.189	2.857	2.727	3.259	2.806	21814	TGFB3	NM_011578_5_-1
Tgtp1	1.681	0.412	5.838	5.971	4.696	3.603	4.292	3.649	1.386	1.286	21822	NA	NM_011579_11_-1
Thbs1	-2.123	-4.981	-1.165	-0.273	-1.253	-1.740	0.978	2.412	8.248	7.079	21825	THBS1	NM_011580_2_+1
Thbs4	-4.981	-4.981	-4.855	-1.464	-4.981	-4.981	-4.954	-4.968	-4.981	-4.981	21828	THBS4	NM_011582_13_-1
Nr1d2	2.501	2.405	2.206	1.843	3.467	3.461	2.734	3.000	2.759	3.624	353187	NR1D2	NM_011584_14_-1
Tia1	5.207	5.448	5.230	5.032	5.381	5.476	5.115	5.004	5.033	5.149	21841	TIA1	NM_011585_6_+1
Myo18a	1.155	1.541	5.513	5.312	2.640	2.019	3.879	4.040	4.792	5.090	360013	MYO18A	NM_011586_11_+1
Tie1	-1.694	-4.981	-3.304	-1.980	-4.631	-3.288	-4.754	-1.319	-4.981	1.016	21846	TIE1	NM_011587_4_-1
Trim28	5.320	5.447	5.915	6.217	6.210	6.221	6.007	5.962	5.221	5.371	21849	TRIM28	NM_011588_7_+1
Timeless	-0.360	-2.846	0.710	1.594	-0.266	0.331	-0.417	0.717	1.024	-4.192	21853	TIMELESS	NM_011589_10_+1
Timm17a	6.783	6.852	6.121	6.296	5.993	6.152	5.840	5.997	5.264	5.084	21854	TIMM17A	NM_011590_1_-1
Timm17b	6.413	6.500	5.731	5.886	5.793	5.979	5.615	5.973	4.570	4.748	21855	TIMM17B	NM_011591_X_+1
Timm44	5.503	5.628	5.101	5.124	5.197	5.252	5.205	5.435	5.163	5.056	21856	TIMM44	NM_011592_8_-1
Timp1	-4.981	-4.981	-4.877	-4.236	-4.945	-4.945	-4.790	-2.585	-4.774	-4.942	21857	TIMP1	NM_011593_X_+1
Timp2	7.706	7.912	3.347	3.204	2.545	2.618	3.800	5.110	6.237	6.372	21858	TIMP2	NM_011594_11_-1
Timp3	-1.221	-4.981	-3.711	-0.784	-2.964	-2.638	-1.848	-3.887	-1.533	-4.981	21859	TIMP3	NM_011595_10_+1
Atp6v0a2	4.642	4.934	7.498	7.572	5.719	5.547	6.353	6.338	6.420	6.601	21871	ATP6V0A2	NM_011596_5_+1
Tjp2	1.738	-3.053	-3.366	-2.805	-2.108	-0.130	-1.484	-0.643	-1.142	-1.664	21873	TJP2	NM_011597_19_-1
Tle1	1.727	2.418	1.803	1.605	1.500	0.603	2.646	2.621	2.028	2.603	21885	TLE1	NM_011599_4_-1
Tle4	4.244	4.114	4.142	4.324	4.176	3.937	4.421	4.257	4.431	4.781	21888	TLE4	NM_011600_19_-1
Tln1	7.328	7.236	8.679	8.623	8.910	8.953	8.985	9.072	10.050	10.131	21894	TLN1	NM_011602_4_-1
Tbpl1	5.625	5.774	5.736	6.033	5.657	5.624	5.717	5.977	5.607	6.270	237336	TBPL1	NM_011603_10_-1
Tlr6	1.791	2.901	2.698	3.364	3.323	4.193	3.740	4.235	4.668	5.374	21899	TLR6	NM_011604_5_-1
Tmpo	2.239	2.706	5.214	4.809	5.018	4.698	4.963	4.979	6.623	6.547	21917	TMPO	NM_011605_10_-1
Tnfrsf17	-1.215	-0.904	-2.495	-1.765	-4.581	-3.697	1.020	3.861	-4.981	-3.816	21935	TNFRSF17	NM_011608_16_+1
Tnfrsf1a	5.062	5.165	6.467	6.529	6.177	5.710	7.068	7.410	8.517	8.548	21937	TNFRSF1A	NM_011609_6_+1
Tnfrsf1b	4.267	4.422	5.941	6.238	7.286	7.114	8.349	8.345	10.692	10.412	21938	TNFRSF1B	NM_011610_4_-1
Cd40	2.616	2.089	6.407	6.770	6.356	6.324	6.332	6.265	4.738	5.756	21939	CD40	NM_011611_2_+1
Tnfrsf9	-4.859	-4.602	-4.060	-4.839	-4.783	-4.914	-4.804	-3.571	-4.981	-4.854	21942	TNFRSF9	NM_011612_4_+1
Tnfsf11	-4.981	-1.296	-3.692	-3.722	-4.952	-4.716	-2.644	-1.585	-4.981	-4.981	21943	TNFSF11	NM_011613_14_-1
Tnfsf12	-2.948	-1.460	-0.691	-0.655	-2.330	-3.404	1.286	1.420	3.812	3.375	21944	TNFSF12	NM_011614_11_-1
Dedd	4.018	4.737	4.102	4.291	4.078	3.821	3.193	4.086	4.327	4.208	21945	DEDD	NM_011615_1_+1
Cd40lg	-1.695	-4.981	-3.091	-0.964	-3.035	-0.694	-0.897	0.123	-3.204	-1.692	21947	CD40LG	NM_011616_X_+1
Cd70	-1.365	-4.981	0.322	0.238	-0.919	-0.617	-2.941	-2.158	-4.981	-4.981	21948	CD70	NM_011617_17_-1
Tnnt1	-4.657	-3.741	-4.794	-4.652	-4.789	-4.898	-4.232	-4.734	-3.961	-4.382	21955	TNNT1	NM_011618_7_-1
Tnnt2	-2.739	-0.445	-1.659	-1.222	-1.633	-2.787	-4.892	-3.609	-4.981	-4.981	21956	TNNT2	NM_011619_1_+1
Tnnt3	-3.370	-0.535	-1.314	-4.287	-2.347	-4.114	-2.191	-4.138	-0.514	-4.061	21957	TNNT3	NM_011620_7_+1
Tom1	7.220	7.278	3.514	3.828	3.187	3.584	4.316	4.702	7.067	6.369	21968	TOM1	NM_011622_8_+1
Top2a	0.868	1.224	4.883	5.080	6.054	5.422	5.469	4.864	3.576	3.057	21973	TOP2A	NM_011623_11_-1
Top3b	4.944	4.961	5.107	5.213	5.379	5.305	5.216	5.270	5.024	5.148	21976	TOP3B	NM_011624_16_+1
Ppp1r13b	4.643	4.379	4.407	4.171	4.454	4.300	3.794	4.001	3.389	3.531	21981	PPP1R13B	NM_011625_12_-1
Tmem165	5.971	5.996	5.723	5.655	5.174	5.215	5.469	5.800	6.739	7.176	21982	TMEM165	NM_011626_5_+1
Tpbg	-4.981	-4.981	-3.969	-4.815	-4.854	-4.905	-4.466	-4.856	-4.593	-4.365	21983	TPBG	NM_011627_9_+1
Nr2c1	2.426	2.716	3.142	2.915	2.765	2.520	3.123	3.374	3.527	4.227	22025	NR2C1	NM_011629_10_+1
Nr2c2	4.081	3.831	4.664	3.845	5.067	4.520	4.910	4.454	5.553	5.335	22026	NR2C2	NM_011630_6_+1
Hsp90b1	10.172	10.333	9.599	9.988	8.167	8.648	8.589	9.798	8.845	9.575	22027	HSP90B1	NM_011631_10_-1
Traf3	3.930	3.946	4.476	4.437	5.728	5.469	5.208	5.021	5.034	5.354	22031	TRAF3	NM_011632_12_+1
Traf5	3.323	3.467	4.363	4.448	4.307	4.378	4.398	4.536	4.200	4.233	22033	TRAF5	NM_011633_1_-1
Traip	1.128	0.714	2.345	2.428	2.366	2.083	1.962	1.620	0.637	-0.639	22036	TRAIIP	NM_011634_9_+1
Plscr1	2.912	3.232	5.130	5.242	4.865	4.875	4.385	4.232	3.502	3.598	22038	PLSCR1	NM_011636_9_+1
Trex1	4.415	3.647	2.287	1.939	2.684	1.540	1.878	2.109	2.635	1.638	22040	TREX1	NM_011637_9_-1
Tfrc	7.598	7.688	4.229	5.138	6.556	8.228	5.755	6.112	2.564	3.381	22042	TFRC	NM_011638_16_+1
Trip6	2.454	1.841	3.548	3.075	1.737	1.440	2.194	1.796	2.953	2.247	22051	TRIP6	NM_011639_5_-1
Trp53	6.876	7.042	6.911	7.066	6.899	6.860	6.706	6.729	6.152	5.756	22059	TP53	NM_011640_11_+1
Trp63	-4.981	-4.981	-4.974	-4.974	-4.164	-1.972	-4.907	-4.958	-4.981	-4.981	22061	TP63	NM_011641_16_+1
Trpc1	0.031	0.578	-4.378	-3.376	-3.494	-3.685	-4.964	-3.529	-2.746	-3.527	22063	TRPC1	NM_011643_9_-1
Xntrpc	-4.517	-4.459	-4.242	-4.648	-1.916	-3.745	-4.028	-4.888	-3.582	-3.377	102443351	NA	NM_011644_7_+1
Try4	-1.043	-1.092	-3.621	-4.685	-4.699	-4.746	-2.941	-3.003	-4.981	-2.516	22074	PRSS3	NM_011646_6_+1
Tsc2	0.155	-2.252	-3.822	-4.102	-3.282	-4.206	-3.637	-4.320	-4.140	-1.564	22084	TSC2	NM_011647_17_-1
Tsn	6.971	7.277	6.489	6.881	6.886	7.028	6.694	6.877	6.107	6.201	22099	TSN	NM_011650_1_-1
Ttn	-2.842	-4.981	-3.437	-3.690	-1.700	-2.810	-4.317	-4.946	-4.981	-4.981	22138	TTN	NM_011652_2_-1
Tuba1a	7.631	7.757	7.742	7.833	7.343	7.377	7.292	7.380	7.166	6.929	22142	TUBA1A	NM_011653_15_-1
Tuba1b	8.517	8.504	8.719	9.034	9.417	9.143	9.039	8.956	7.802	7.365	22143	TUBA1B	NM_011654_15_-1
Tubb5	6.632	6.452	7.194	7.298	7.980	7.685	7.559	6.891	5.278	5.147	22154	TUBB5	NM_011655_17_-1
Tuft1	0.360	0.686	2.471	2.700	1.922	2.320	0.740	1.874	-0.588	0.338	22156	TUFT1	NM_011656_3_-1
Tulp3	0.967	3.923	0.966	0.607	-4.162	-2.455	-1.858	-2.884	-4.190	-2.538	22158	TULP3	NM_011657_6_-1
Twist1	-4.981	-4.981	-4.930	-4.930	-3.026	-2.189	-4.963	-4.635	-4.981	-4.981	22160	TWIST1	NM_011658_12_+1
Tnfrsf4	1.957	0.685	5.479	5.944	4.345	4.149	3.078	1.911	-1.314	-1.346	22163	TNFRSF4	NM_011659_4_+1
Txn1	8.530	8.097	9.324	9.530	7.326	7.333	7.902	7.970	7.375	7.309	22166	TXN1	NM_011660_4_-1
Tyr	-0.170	-0.534	1.458	0.951	0.056	-0.154	-0.003	-0.696	-0.598	-1.534	22173	TYR	NM_011661_7_-1
Tyrobp	12.265	12.948	9.458	9.106	10.509	10.234	11.138	10.866	11.498	10.979	22177	TYROBP	NM_011662_7_+1
Zrsr1	2.840	4.305	1.611	3.597	2.003	4.676	1.959	3.269	2.085	2.849	22183	NA	NM_011663_11_+1
Ubb	13.179	11.142	11.996	10.565	12.235	10.583	11.916	10.371	11.436	9.526	22187	NA	NM_011664_11_+1

Ube2i	6.550	6.916	6.494	6.588	6.107	6.612	6.119	6.289	5.972	6.301	22196	UBE2I	NM_011665_17_-1
Uba3	4.608	4.846	4.600	4.578	4.740	4.549	4.522	4.475	4.379	4.145	22200	UBA3	NM_011666_6_-1
Uba1y	-4.981	-2.895	-4.157	-4.837	-4.023	-4.684	-4.802	-4.333	-4.394	-3.853	22202	UBA	NM_011667_Y_+1
Ube3a	4.685	4.805	4.917	4.945	4.773	4.866	4.571	5.050	4.303	4.627	22215	UBE3A	NM_011668_7_+1
Usp12	4.580	4.352	7.339	7.068	6.920	6.752	6.895	6.804	6.960	7.393	22217	USP12	NM_011669_5_-1
Uchl1	-3.349	-4.981	-4.941	-4.325	-2.639	-4.884	-4.978	-3.936	-4.981	-4.981	22223	UCHL1	NM_011670_5_+1
Ucp2	10.526	10.538	11.596	11.685	10.556	10.768	10.521	11.095	11.846	11.827	22228	UCP2	NM_011671_7_+1
Ufd1l	6.209	6.155	5.892	6.031	5.606	5.405	5.636	5.578	5.661	5.233	22230	UFD1L	NM_011672_16_+1
Ugcg	6.012	5.813	5.072	4.938	5.207	5.170	5.100	5.186	5.753	5.072	22234	UGCG	NM_011673_4_+1
Ugt8a	-4.981	-4.981	-4.981	-4.981	-4.903	-4.826	-4.950	-3.426	-3.925	-4.981	22239	UGT8	NM_011674_3_-1
Uck1	5.459	5.437	5.271	5.276	5.384	5.363	5.246	5.385	4.910	4.928	22245	UCK1	NM_011675_2_-1
Unc119	5.520	5.189	7.249	7.399	6.271	5.918	5.931	5.696	6.447	5.246	22248	UNC119	NM_011676_11_+1
Ung	1.208	0.754	-1.063	-0.444	-0.042	-0.926	-0.173	-0.961	-4.981	-2.705	22256	UNG	NM_011677_5_+1
Usp4	5.499	5.716	6.582	6.501	6.415	6.305	6.363	6.502	7.294	7.416	22258	USP4	NM_011678_9_+1
Usf2	4.817	4.952	4.107	4.120	4.631	4.639	4.886	4.425	4.535	4.229	22282	USF2	NM_011680_7_-1
Scgb1a1	-4.981	-4.981	-4.969	-4.969	-4.977	-4.977	-3.630	-4.185	-1.002	-1.175	22287	SCGB1A1	NM_011681_19_-1
Utrn	5.015	5.183	5.000	4.545	5.814	5.481	5.405	5.069	5.592	5.079	22288	UTRN	NM_011682_10_-1
Vars	3.853	3.767	5.008	4.906	4.748	4.620	5.061	5.220	6.611	5.963	22321	VARS	NM_011690_17_+1
Vav1	7.126	7.303	7.518	7.791	7.111	6.935	7.328	7.606	8.239	8.346	22324	VAV1	NM_011691_17_+1
Vbp1	7.241	7.496	6.756	6.824	6.729	6.686	6.885	6.759	6.149	6.697	22327	VBP1	NM_011692_X_+1
Vcam1	5.677	3.501	6.309	7.053	6.497	5.846	6.312	7.353	4.069	3.512	22329	VCAM1	NM_011693_3_-1
Vdac1	6.912	6.894	6.322	6.379	6.381	6.366	5.928	6.199	5.902	6.072	22333	VDAC1	NM_011694_11_+1
Vdac2	7.932	7.858	8.348	8.375	7.902	7.941	7.622	7.702	7.425	7.315	22334	VDAC2	NM_011695_14_+1
Vdac3	7.508	7.464	7.488	7.536	7.433	7.267	7.419	7.443	7.321	7.395	22335	VDAC3	NM_011696_8_-1
Vegfb	3.404	3.361	2.295	2.263	1.763	1.312	1.109	1.343	-1.760	-1.321	22340	VEGFB	NM_011697_19_-1
Lin7c	5.589	5.715	6.000	5.923	5.918	5.763	6.089	5.896	6.254	6.550	22343	LIN7C	NM_011699_2_+1
Vill	-2.346	-4.981	0.570	-4.938	-0.185	-4.960	-0.044	-4.843	1.719	-2.795	22351	VILL	NM_011700_9_+1
Vim	6.008	5.954	7.437	7.867	7.133	7.112	8.354	9.001	10.122	10.300	22352	VIM	NM_011701_2_+1
Vipr1	-0.554	-1.653	1.138	0.878	2.168	0.943	0.723	0.623	-1.909	-4.981	22354	VIPR1	NM_011703_9_+1
Vrk1	1.593	2.632	2.807	2.168	3.096	2.302	2.639	2.849	1.884	0.321	22367	VRK1	NM_011705_12_+1
Trpv2	5.717	5.941	6.813	6.470	6.258	6.540	6.203	6.524	6.726	7.603	22368	TRPV2	NM_011706_11_+1
Vtn	-4.981	-4.981	-3.968	-2.509	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	22370	VTN	NM_011707_11_+1
Vwf	-0.877	-2.124	4.885	4.485	2.082	3.089	3.186	3.991	1.844	2.662	22371	VWF	NM_011708_6_+1
Wars	2.021	3.046	0.946	2.410	0.312	1.790	0.604	3.028	2.911	3.584	22375	WARS	NM_011710_12_-1
Fmn13	0.960	1.106	0.592	0.352	3.603	3.677	2.759	3.978	3.551	2.363	22379	FMN13	NM_011711_15_-1
Wbp5	7.049	6.861	4.789	5.164	5.395	5.557	5.340	5.463	3.354	4.080	22381	TCEAL9	NM_011712_X_+1
Baz1b	5.236	5.329	5.653	5.749	6.167	6.099	5.818	5.656	5.718	5.652	22385	BAZ1B	NM_011714_5_+1
Wdr1	7.518	7.616	9.165	9.331	8.848	8.766	8.535	8.723	9.186	9.319	22388	WDR1	NM_011715_5_-1
Wfs1	5.250	5.202	1.920	1.776	1.845	1.794	2.315	1.871	3.880	3.752	22393	WFS1	NM_011716_5_-1
Wiz	-1.153	-0.295	-2.687	-2.533	-1.266	-1.085	-1.967	-1.616	-0.791	0.007	22404	WIZ	NM_011717_17_-1
Wnt10b	0.657	0.230	-1.346	-2.739	-0.791	-0.835	-2.836	-3.914	-4.981	-4.981	22410	WNT10B	NM_011718_15_-1
Wnt9b	-4.981	-4.981	-4.955	-4.324	-4.475	-4.897	-4.974	-4.978	-4.981	-4.981	22412	WNT9B	NM_011719_11_-1
Wnt8b	-4.981	-4.981	-0.396	-4.960	-2.909	-4.969	-4.648	-4.981	-4.981	-4.981	22423	WNT8B	NM_011720_19_+1
Wrn	4.938	3.376	4.409	4.053	4.802	4.114	4.356	3.971	4.755	4.290	22427	WRN	NM_011721_8_-1
Dctn6	6.848	7.188	5.276	5.601	5.164	5.558	5.375	5.167	4.809	5.011	22428	DCTN6	NM_011722_8_-1
Xdh	-1.187	-2.160	2.511	2.913	1.670	1.673	6.160	5.709	9.448	8.697	22436	XDH	NM_011723_17_-1
Xirp1	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-3.310	-4.242	-0.806	-4.981	22437	XIRP1	NM_011724_9_-1
Xlr	2.791	2.939	5.052	6.058	2.806	4.170	2.615	3.429	0.495	2.125	22441	NA	NM_011725_X_-1
Xlr3c	-4.981	-0.018	-3.735	-0.464	-3.934	-0.992	-3.264	-1.318	-3.539	-0.679	22446	NA	NM_011727_X_-1
Xpa	5.104	4.860	4.581	4.373	4.486	4.365	4.290	4.041	3.937	3.757	22590	XPA	NM_011728_4_-1
Erc5	4.750	4.445	4.101	3.537	4.324	4.148	4.141	3.763	4.158	4.189	22592	ERCC5	NM_011729_1_+1
Slc6a20b	-4.981	-4.981	-2.044	-4.200	-2.319	-4.114	-3.873	-4.584	-4.981	-4.045	22599	NA	NM_011731_9_-1
Ybx1	8.474	8.504	8.603	8.928	8.665	8.621	8.338	8.471	8.061	8.097	22608	YBX1	NM_011732_4_-1
Ybx3	7.802	7.115	5.943	6.060	5.578	5.691	6.486	6.882	6.357	6.546	56449	YBX3	NM_011733_6_-1
Siae	4.636	4.667	3.788	3.501	3.864	3.974	3.888	3.574	3.900	4.104	22619	SIAE	NM_011734_9_+1
Map3k19	3.389	3.621	-1.000	-0.422	-0.918	-2.482	-4.242	-2.197	-2.834	-1.556	22625	MAP3K19	NM_011737_1_-1
Ywhah	7.312	7.540	8.556	8.859	8.977	9.081	8.351	8.535	7.527	7.831	22629	YWHAH	NM_011738_5_+1
Ywhaq	8.761	8.385	8.641	8.560	8.347	8.206	8.168	8.302	7.494	7.844	22630	YWHAQ	NM_011739_12_-1
Ywhaz	6.894	7.073	7.736	7.933	7.131	7.224	7.470	7.913	8.296	8.351	22631	YWHAZ	NM_011740_15_-1
Zfp1	2.007	1.730	1.349	0.935	0.745	-0.227	-0.075	0.750	0.881	-0.713	22640	ZFP1	NM_011742_8_+1
Zfp106	5.892	5.060	6.788	6.583	6.626	6.011	6.681	6.323	7.224	7.167	20402	ZNF106	NM_011743_2_-1
Mkrn3	0.636	-1.569	-2.400	-2.360	-3.783	-1.357	-4.298	-3.625	-4.981	-4.981	22652	MKRN3	NM_011746_7_-1
Zfp13	-4.981	-3.315	-2.926	-2.968	-4.795	-4.730	-4.975	-4.288	-3.373	-4.981	22654	ZFP13	NM_011747_17_-1
Zfp14	-2.643	2.008	-2.391	1.206	-3.934	1.167	-2.961	1.048	-3.230	1.939	243906	ZFP14	NM_011748_7_-1
Zfp148	5.609	5.647	5.481	5.605	5.803	5.893	5.798	5.616	5.513	5.819	22661	ZNF148	NM_011749_16_+1
Sf1	6.069	6.179	6.359	6.422	6.544	6.571	6.536	6.419	6.473	6.368	22668	NA	NM_011750_19_+1
Zfp207	1.642	3.215	3.575	2.681	2.997	3.034	2.650	1.819	2.058	3.139	22680	ZNF207	NM_011751_11_+1
Zpr1	6.052	6.046	6.031	6.028	5.918	6.066	6.030	6.173	5.975	5.721	22687	ZPR1	NM_011752_9_+1
Zfp27	4.078	3.652	4.191	3.854	4.266	4.144	4.147	4.053	4.437	4.819	22688	ZNF778	NM_011753_9_-1
Zfp27	1.484	1.361	-0.549	-3.125	0.160	0.139	0.728	0.483	0.760	-0.128	22689	ZNF585A	NM_011754_7_-1
Zfp35	4.762	4.761	4.465	4.194	4.913	4.828	4.738	4.696	4.823	4.711	22694	NA	NM_011755_18_+1
Zfp36	9.922	10.086	10.092	10.133	11.666	11.694	11.143	11.159	11.138	11.455	22695	ZFP36	NM_011756_7_-1
Zscan21	3.142	-0.857	2.449	-0.624	2.702	0.300	2.493	-0.960	2.799	0.217	22697	ZSCAN21	NM_011757_5_+1
Zfp39	2.986	2.838	2.529	2.175	2.922	2.634	2.497	1.800	3.207	2.715	22698	ZNF717	NM_011758_11_-1

Zfp41	-4.135	-3.949	-3.130	-0.455	-2.339	-2.498	-3.041	-4.841	-4.419	-1.423	22701	ZFP41	NM_011759_15_+1
Zfp54	3.565	4.206	2.387	2.340	2.623	2.680	2.523	2.572	1.917	2.831	22712	NA	NM_011760_17_+1
Zfp59	2.107	1.462	1.976	1.701	2.036	2.271	2.379	2.194	2.545	2.685	22717	NA	NM_011762_7_+1
Zfp9	-3.013	-1.720	-2.238	-1.969	-1.778	-1.565	-1.009	-0.820	-2.279	-2.558	22750	ZNF25	NM_011763_6_-1
Zfp90	4.140	4.359	3.379	2.817	3.641	3.651	3.685	3.649	3.357	3.590	22751	ZFP90	NM_011764_8_+1
Zfp97	2.897	2.524	3.194	3.030	3.489	3.330	3.529	2.712	3.138	3.393	22759	NA	NM_011765_17_+1
Zfr	6.326	6.021	6.356	5.613	6.651	5.785	6.145	5.083	5.974	4.361	22763	ZFR	NM_011767_15_+1
Zfx	2.203	3.693	3.717	3.511	3.945	3.274	3.584	2.988	3.377	3.155	22764	ZFX	NM_011768_X_-1
Ikzf2	3.248	3.315	0.033	0.229	-1.201	-0.480	0.983	-0.127	-0.397	-2.298	22779	IKZF2	NM_011770_1_-1
Ikzf3	3.545	4.306	-0.901	1.247	2.131	3.564	3.056	4.453	2.568	1.864	22780	IKZF3	NM_011771_11_-1
Ikzf4	-4.981	-4.981	-2.061	-1.901	0.387	0.203	-2.416	-1.227	-4.981	-4.981	22781	IKZF4	NM_011772_10_-1
Slc30a4	0.966	3.560	3.245	2.521	3.078	2.567	2.507	2.337	-3.883	-4.448	22785	SLC30A4	NM_011774_2_-1
Zyx	7.714	8.291	7.820	7.628	7.592	7.501	8.178	8.338	9.583	9.253	22793	ZYX	NM_011777_6_+1
Coro1b	8.467	8.557	9.487	9.683	9.100	9.079	9.237	9.395	9.596	9.627	23789	CORO1B	NM_011778_19_+1
Coro1c	5.319	5.584	6.907	7.038	7.181	7.046	7.197	7.047	8.094	7.894	23790	CORO1C	NM_011779_5_-1
Adam23	0.224	0.342	6.722	7.300	7.587	8.221	5.388	5.484	-1.806	-4.981	23792	ADAM23	NM_011780_1_+1
Aplnr	-1.868	-1.149	-4.945	-3.782	-3.730	-3.643	-2.752	-2.454	2.783	0.350	23796	APLNR	NM_011784_2_+1
Akt3	2.698	3.157	3.644	3.076	3.892	3.834	4.135	3.363	3.424	3.157	23797	AKT3	NM_011785_1_-1
Aloxe3	-3.349	-1.306	-2.138	-0.887	-2.063	0.314	-2.628	-0.501	-0.123	-0.768	23801	ALOXE3	NM_011786_11_+1
Amfr	7.230	7.224	7.081	6.999	6.919	7.101	6.661	7.033	7.352	7.514	23802	AMFR	NM_011787_8_-1
Apc2	-3.843	-1.459	-1.298	-0.521	-2.557	-1.212	-2.825	-2.444	-0.298	-1.509	23805	APC2	NM_011789_10_+1
Arih2	4.962	5.189	6.118	6.054	5.719	5.863	5.739	5.775	6.204	5.960	23807	ARIH2	NM_011790_9_-1
Ash2l	5.517	5.769	5.175	5.255	5.464	5.371	5.345	5.738	5.465	5.739	23808	ASH2L	NM_011791_8_-1
Bace1	-3.189	-2.646	-0.768	-4.140	-0.130	0.863	0.018	-0.405	2.507	3.008	23821	BACE1	NM_011792_9_+1
Banf1	6.542	6.217	6.196	6.012	6.268	6.078	6.403	5.953	4.941	4.533	23825	BANF1	NM_011793_19_-1
Bpnt1	4.636	4.412	4.608	4.295	4.194	3.745	3.900	3.856	4.492	4.065	23827	BPNT1	NM_011794_1_+1
Capn10	2.691	2.877	2.818	2.358	2.031	2.406	1.929	2.466	3.361	3.281	23830	CAPN10	NM_011796_1_+1
Xcr1	1.431	0.588	9.705	10.059	2.169	2.977	2.865	5.501	0.121	0.478	23832	XCR1	NM_011798_9_-1
Cdc6	-2.976	-2.479	-4.488	-4.126	-4.598	-4.745	-4.541	-3.042	-3.860	-4.375	23834	CDC6	NM_011799_11_+1
Cfdp1	6.629	6.604	6.261	6.427	6.092	6.346	6.004	6.190	5.009	5.220	23837	CFDP1	NM_011801_8_-1
Clpx	5.203	5.411	4.782	4.990	4.683	5.036	4.776	5.069	5.039	5.089	270166	CLPX	NM_011802_9_+1
Klf6	8.829	9.088	8.759	8.860	9.200	9.399	8.548	8.615	8.576	8.712	23849	KLF6	NM_011803_13_+1
Creg1	8.305	8.220	9.167	9.446	7.485	7.556	8.117	8.409	8.516	8.736	433375	CREG1	NM_011804_1_+1
Dido1	3.364	2.889	3.379	3.327	3.357	3.034	3.268	3.080	3.032	3.398	23856	DIDO1	NM_011805_2_-1
Dmtf1	3.585	3.056	3.042	3.723	4.103	3.871	3.522	4.233	4.178	4.734	23857	DMTF1	NM_011806_5_-1
Dlg2	1.350	3.791	0.772	-2.040	2.334	1.888	-0.341	-1.546	-1.983	-3.386	23859	DLG2	NM_011807_7_+1
Ets1	6.187	6.504	1.540	2.995	3.176	4.861	3.849	6.048	3.076	3.098	23871	ETS1	NM_011808_9_+1
Ets2	1.073	0.329	0.967	1.997	1.341	2.005	3.435	4.052	4.618	4.766	23872	ETS2	NM_011809_16_+1
Faim	6.185	6.351	5.397	5.319	5.390	5.446	5.680	5.651	5.481	5.606	23873	FAIM	NM_011810_9_+1
Farsb	5.750	5.962	6.095	6.181	5.732	5.761	5.713	5.760	5.143	4.988	23874	FARSB	NM_011811_1_-1
Fbln5	-4.981	-1.347	-2.565	-4.962	-1.395	-1.717	-2.238	-2.680	-4.981	-2.182	23876	FBLN5	NM_011812_12_-1
Fiz1	-3.588	-0.314	0.521	-1.774	0.741	0.404	-1.507	-2.603	-3.827	-4.289	23877	FIZ1	NM_011813_7_-1
Fxr2	4.280	4.111	5.180	4.834	5.488	5.148	5.040	4.741	5.163	5.014	23879	FXR2	NM_011814_11_+1
Fyb	8.918	8.918	5.780	5.707	8.358	8.555	8.809	8.818	8.917	9.223	23880	FYB	NM_011815_15_+1
G3bp2	3.230	2.609	3.704	4.293	3.463	3.860	3.792	3.592	4.137	4.315	23881	G3BP2	NM_011816_5_-1
Gadd45g	1.607	1.654	5.368	5.757	7.183	8.122	5.866	5.693	3.803	3.662	23882	GADD45G	NM_011817_13_+1
Gmcl1	4.561	5.115	5.034	5.341	4.823	5.137	4.756	4.974	4.408	4.979	23885	GMCL1	NM_011818_6_-1
Gdf15	1.217	-4.981	0.283	1.123	1.454	1.564	2.325	3.589	-0.104	-0.960	23886	GDF15	NM_011819_8_-1
Ggt5	0.036	-0.054	3.034	2.479	5.250	5.843	4.712	4.673	2.352	2.806	23887	GGT5	NM_011820_10_+1
Gpc6	-3.275	-4.981	-3.527	-4.372	-4.729	-4.555	-3.846	-4.101	-3.437	-4.981	23888	GPC6	NM_011821_14_+1
Pigq	4.936	4.892	4.857	5.103	5.102	5.469	4.997	5.246	5.362	5.343	14755	PIGQ	NM_011822_17_-1
Gpr34	3.205	3.512	7.150	7.155	6.786	7.184	6.484	6.091	0.823	3.967	23890	GPR34	NM_011823_X_+1
Hax1	6.499	6.725	6.150	6.534	6.501	6.928	6.307	6.630	5.456	5.866	23897	HAX1	NM_011826_3_-1
Hcst	5.914	5.084	4.452	3.503	4.807	4.649	5.550	4.505	5.239	3.704	23900	HCST	NM_011827_7_-1
Hs2st1	4.075	4.107	3.341	3.219	3.569	3.624	3.103	3.306	3.624	4.125	23908	HS2ST1	NM_011828_3_-1
Impdh1	0.244	0.477	0.709	1.324	1.051	2.452	2.275	2.857	2.810	2.925	23917	IMPDH1	NM_011829_6_-1
Impdh2	5.651	5.644	6.078	6.157	5.723	5.678	5.818	5.999	4.913	4.684	23918	IMPDH2	NM_011830_9_+1
Insl5	-4.981	-4.981	-4.596	-3.004	-4.424	-4.976	-4.981	-4.981	-4.981	-4.981	23919	INSL5	NM_011831_4_-1
Katna1	5.022	5.416	5.384	5.269	5.448	5.445	5.279	5.264	5.253	5.414	23924	KATNA1	NM_011835_10_+1
Lynx1	5.926	4.210	-0.291	-0.875	-1.628	-3.465	0.118	-0.235	1.552	0.344	23936	LYNX1	NM_011838_15_-1
Mab21l2	-2.147	-1.230	-2.298	-1.825	-1.928	-1.954	-2.614	-3.992	-4.981	-3.233	23937	MAB21L2	NM_011839_3_-1
Map2k5	4.831	4.813	4.561	4.839	4.678	4.657	4.244	4.657	4.532	5.073	23938	MAP2K5	NM_011840_9_-1
Mapk7	3.153	2.501	4.176	3.342	4.737	3.785	4.259	3.352	5.192	3.767	23939	MAPK7	NM_011841_11_-1
Mta2	6.408	6.512	7.154	7.173	7.994	7.923	7.304	7.376	7.645	7.555	23942	MTA2	NM_011842_19_+1
Esyt1	5.016	5.327	6.041	6.161	5.417	5.472	6.194	6.773	8.401	8.341	23943	ESYT1	NM_011843_10_-1
Mgl1	1.041	2.986	2.686	4.126	-0.390	2.007	-1.459	1.972	-0.279	-2.784	23945	MGL1	NM_011844_6_+1
Mid2	-4.981	-4.981	-4.929	-3.240	0.585	2.103	-1.228	-0.862	-4.981	-2.750	23947	MID2	NM_011845_X_+1
Mmp17	-4.981	2.038	-2.027	-3.307	-1.455	-2.129	-3.896	-3.969	-2.305	-2.064	23948	MMP17	NM_011846_5_+1
Dnajb6	7.719	7.780	7.230	7.237	6.807	6.760	6.812	6.751	6.252	6.278	23950	DNAJB6	NM_011847_5_+1
Nek3	1.484	2.300	1.247	1.914	1.435	0.263	0.662	0.976	1.532	2.237	23954	NEK3	NM_011848_8_-1
Nek4	-1.508	0.023	1.938	1.221	1.407	0.631	-1.153	1.361	0.868	1.665	23955	NEK4	NM_011849_14_+1
Nr0b2	-2.647	-4.981	-4.627	-3.440	-4.976	-4.887	-4.933	-3.399	-3.738	-3.233	23957	NROB2	NM_011850_4_+1
Nt5e	-4.981	-4.981	-4.893	-2.538	-4.867	-2.309	-3.390	-0.744	-1.601	-1.557	23959	NT5E	NM_011851_9_+1
Oas1g	-0.643	-4.981	-0.250	-4.236	2.212	-3.556	3.714	-0.465	4.596	1.037	23960	OAS1	NM_011852_5_-1

Oasl2	5.320	4.053	2.487	1.222	5.909	4.338	6.247	5.446	7.755	6.624	23962	NA	NM_011854_5_+1
Tenm3	-2.995	-1.300	-4.981	-4.981	-4.981	-4.981	-4.973	-4.978	-4.981	-4.981	23965	TENM3	NM_011857_8_-1
Tenm4	2.982	3.864	-3.518	-0.634	-1.066	-0.678	-1.801	1.238	-4.981	-2.795	23966	TENM4	NM_011858_7_+1
Pacsin1	7.435	7.784	2.104	2.503	-1.413	-0.083	-2.530	0.846	-3.925	-4.307	23969	PACSIN1	NM_011861_17_+1
Pacsin2	0.273	-2.792	4.788	4.774	4.247	2.482	2.834	2.968	2.501	2.831	23970	PACSIN2	NM_011862_15_-1
Papss1	3.944	5.127	4.337	5.133	4.105	5.170	4.117	5.457	4.849	6.295	23971	PAPSS1	NM_011863_3_+1
Papss2	-3.374	-3.243	-3.404	-4.838	-4.708	-4.962	-4.569	-4.013	-4.682	-4.721	23972	PAPSS2	NM_011864_19_+1
Pcbp1	7.729	7.473	8.310	8.453	8.137	8.222	8.062	8.105	8.142	8.331	23983	PCBP1	NM_011865_6_-1
Pde10a	-0.805	0.915	-4.709	-4.959	-3.774	-3.996	-1.951	-3.850	-1.849	-4.981	23984	PDE10A	NM_011866_17_+1
Slc26a4	-4.981	-4.981	-3.391	-1.440	-4.978	-4.978	-4.970	-4.982	-4.981	-4.981	23985	SLC26A4	NM_011867_12_-1
Eci2	4.440	4.645	3.868	4.245	3.868	4.038	3.538	3.350	3.358	3.101	23986	ECI2	NM_011868_13_-1
Med24	4.457	4.444	4.427	4.561	4.918	4.715	4.620	4.581	5.227	5.032	23989	MED24	NM_011869_11_-1
Cib1	8.901	9.012	5.816	6.101	6.783	7.333	6.665	6.863	7.023	6.933	23991	CIB1	NM_011870_7_-1
Prkra	4.689	5.157	5.881	6.006	3.988	4.070	4.106	4.379	3.732	4.356	23992	PRKRA	NM_011871_2_-1
Dazap2	9.964	9.934	9.946	9.880	10.036	9.921	10.107	10.172	10.451	10.296	23994	DAZAP2	NM_011873_15_+1
Psmc4	7.398	7.417	7.060	7.205	7.323	7.233	7.101	7.065	6.725	6.476	23996	PSMC4	NM_011874_7_-1
Psmd13	6.754	6.661	6.884	7.020	6.787	6.744	6.654	6.699	6.902	6.770	23997	PSMD13	NM_011875_7_+1
Twf2	6.891	6.976	7.307	7.454	7.649	7.785	7.407	7.603	7.527	7.583	23999	TWF2	NM_011876_9_+1
Ptpn21	1.364	0.928	0.762	1.167	0.374	1.168	0.899	0.965	0.614	1.093	24000	PTPN21	NM_011877_12_-1
Tiam2	-4.981	-4.981	-1.348	-4.933	-2.880	-4.916	1.290	-2.501	3.574	-0.878	24001	TIAM2	NM_011878_17_+1
Ik	7.292	7.212	7.453	7.520	7.078	6.925	6.979	6.861	6.505	6.521	24010	IK	NM_011879_18_+1
Grk1	0.061	-0.573	-0.805	-1.336	-0.688	-1.363	-1.114	-1.872	-0.551	-0.558	24013	GRK1	NM_011881_8_+1
Rnasel	5.268	5.053	1.583	1.129	3.921	4.958	3.895	3.612	4.352	4.494	24014	RNASSEL	NM_011882_1_+1
Rnf13	5.681	5.497	4.120	4.256	4.729	5.047	4.010	4.107	3.938	3.831	24017	RNF13	NM_011883_3_+1
Rngtt	4.785	4.780	4.958	5.204	4.715	4.822	4.986	4.890	4.320	4.527	24018	RNGTT	NM_011884_4_+1
Mrps13	6.144	6.142	5.375	5.424	5.045	5.281	5.412	5.297	4.740	4.595	24030	MRP513	NM_011885_7_-1
Scamp3	5.923	6.096	4.521	4.977	5.034	5.077	5.026	4.996	4.375	4.420	24045	SCAMP3	NM_011886_3_+1
Ccl19	-0.573	-0.012	1.049	1.281	-1.147	-1.239	0.169	-1.134	-3.925	-1.987	24047	CCL19	NM_011888_4_-1
Sept3	-0.241	0.431	5.563	6.375	0.754	4.464	0.402	3.852	-2.359	-3.082	24050	SEPT3	NM_011889_15_+1
Sgcb	6.130	6.404	3.911	3.991	2.968	2.905	2.409	2.637	3.457	2.922	24051	SGCB	NM_011890_5_-1
Sh3bp2	-0.191	1.036	0.874	0.442	1.151	1.302	3.212	2.427	3.972	3.455	24055	SH3BP2	NM_011893_5_+1
Sh3bp5	0.881	0.476	0.498	2.274	2.163	3.062	3.512	4.979	6.758	6.543	24056	SH3BP5	NM_011894_14_-1
Slc35a1	5.696	5.835	4.452	4.791	4.858	5.095	4.791	4.987	3.772	4.764	24060	SLC35A1	NM_011895_4_-1
Spry1	-1.101	1.072	0.400	-0.263	-2.141	-1.386	-3.645	-3.585	-0.940	-2.131	24063	SPRY1	NM_011896_3_+1
Spry2	-1.045	0.143	-4.039	-1.861	-0.667	0.455	-0.598	-1.232	-1.488	-2.572	24064	SPRY2	NM_011897_14_-1
Spry4	-1.812	-1.251	-2.083	-1.162	-2.917	-1.986	-1.893	-2.246	-4.981	-1.184	24066	SPRY4	NM_011898_18_-1
Srp54a	5.182	3.981	4.668	3.081	4.861	3.286	4.760	2.931	3.951	2.042	24067	SRP54	NM_011899_12_+1
Mpdu1	6.097	5.769	5.744	5.882	5.579	5.541	5.341	5.293	5.668	5.478	24070	MPDU1	NM_011900_11_-1
Tekt2	-4.981	-2.883	-3.225	-4.976	-4.420	-3.751	-4.979	-3.296	-4.394	-4.981	24084	TEKT2	NM_011902_4_-1
Tll2	-3.843	-1.805	-2.130	-2.408	-4.598	-4.502	-4.726	-4.713	-4.190	-4.981	24087	TLL2	NM_011904_19_-1
Tlr2	2.955	4.035	5.342	5.509	5.366	5.116	6.273	6.450	7.998	8.058	24088	TLR2	NM_011905_3_-1
Tpra1	5.481	5.096	5.056	4.962	4.812	4.680	5.288	5.456	5.905	6.091	24100	TPRA1	NM_011906_6_+1
Ubl3	7.567	8.273	7.189	7.238	7.573	8.076	8.100	8.217	8.483	8.732	24109	UBL3	NM_011908_5_-1
Usp18	6.856	6.309	5.845	5.357	7.438	6.995	6.843	5.597	6.502	4.977	24110	USP18	NM_011909_6_+1
Vax2	-4.981	-4.981	-4.762	-4.827	-4.963	-4.019	-4.967	-3.919	-4.394	-4.981	24113	VAX2	NM_011912_6_+1
Best1	1.016	0.885	0.954	0.219	0.647	0.485	1.006	0.241	0.488	0.042	24115	BEST1	NM_011913_19_-1
Nelfa	5.209	5.232	4.988	4.999	5.062	4.957	5.205	5.364	5.928	5.640	24116	NELFA	NM_011914_5_-1
Xrn1	3.845	4.234	4.298	4.259	4.388	4.506	4.030	4.077	4.114	4.376	24127	XRN1	NM_011916_9_+1
Xrn2	6.842	6.783	7.481	7.555	7.193	7.356	7.212	7.280	7.629	7.670	24128	XRN2	NM_011917_2_+1
Ing1	2.900	3.681	3.755	3.319	4.273	4.399	4.184	3.812	4.280	4.079	26356	ING1	NM_011919_8_+1
Abcg2	3.335	3.878	1.816	3.058	2.757	3.606	2.732	3.473	2.804	3.354	26357	ABCG2	NM_011920_6_+1
Aldh1a7	-4.981	-4.981	-4.915	-1.486	-4.587	-1.246	-4.516	-0.640	-3.242	-4.981	26358	NA	NM_011921_19_-1
Angptl2	1.003	0.109	-2.700	-3.618	-4.483	-3.443	-0.125	-0.204	2.829	2.578	26360	ANGPTL2	NM_011923_2_+1
Adgre5	2.618	3.617	6.556	6.819	5.899	6.133	5.836	6.730	8.112	8.625	26364	ADGRE5	NM_011925_8_-1
Ceacam1	4.254	2.868	0.050	-3.290	1.039	-2.290	2.944	2.271	4.928	3.912	26365	CEACAM1	NM_011926_7_-1
Cln6	1.475	2.178	1.412	1.903	0.133	0.858	0.325	1.530	2.108	2.813	26372	CLCN6	NM_011929_4_-1
Cln7	4.295	3.923	4.430	4.143	4.522	4.368	4.658	4.127	6.227	5.299	26373	CLCN7	NM_011930_17_+1
Rfwd2	6.285	6.157	6.354	6.183	5.853	5.761	5.777	5.961	6.554	6.827	26374	RFWD2	NM_011931_1_+1
Dapp1	6.768	6.626	7.372	7.191	8.057	7.780	7.709	7.426	7.057	7.035	26377	DAPP1	NM_011932_3_-1
Decr2	4.632	4.984	4.920	5.186	4.106	4.344	4.185	4.179	3.362	3.927	26378	DECR2	NM_011933_17_-1
Esrreg	-4.981	-4.981	-3.251	-2.891	-1.609	-2.015	-3.353	-2.016	-4.981	-4.981	26381	ESRRG	NM_011935_1_+1
Fto	4.221	4.120	4.223	4.000	4.495	4.144	4.611	4.603	5.391	4.808	26383	FTO	NM_011936_8_+1
Gnpda1	5.163	3.073	6.730	4.365	6.380	4.242	6.338	3.997	7.414	5.104	26384	GNPDA1	NM_011937_18_-1
Grk6	-4.929	-4.756	-2.108	-2.889	-3.975	-3.970	-2.171	-1.125	-4.282	-1.280	26385	GRK6	NM_011938_13_+1
Hsf4	-4.981	-4.981	-4.720	-4.946	-4.931	-4.973	-4.540	-4.966	-4.691	-4.523	26386	HSF4	NM_011939_8_+1
Ifi202b	-4.981	-0.248	-4.875	0.687	-4.874	-1.641	-3.171	2.845	-3.537	4.853	26388	NA	NM_011940_1_-1
Mapkbp1	2.434	2.525	2.952	2.314	2.950	2.752	2.559	2.346	2.763	2.944	26390	MAPKBP1	NM_011941_2_+1
Lyp1a2	6.657	6.527	6.810	6.798	6.792	6.838	6.629	6.620	6.878	6.527	26394	LYPLA2	NM_011942_4_-1
Map2k6	3.732	5.032	6.113	5.721	4.322	5.206	3.434	3.872	2.618	2.405	26399	MAP2K6	NM_011943_11_+1
Map2k7	1.638	2.155	2.588	1.521	1.959	2.217	2.668	2.233	2.752	3.673	26400	MAP2K7	NM_011944_8_+1
Map3k1	6.784	6.185	5.548	5.462	6.273	6.160	6.035	5.860	5.877	6.149	26401	MAP3K1	NM_011945_13_-1
Map3k2	4.438	4.662	5.114	4.648	5.245	5.132	5.086	4.720	4.702	5.061	26405	MAP3K2	NM_011946_18_+1
Map3k3	4.784	4.731	5.562	5.537	7.011	6.887	6.822	6.769	7.827	7.804	26406	MAP3K3	NM_011947_11_+1
Map3k4	4.560	4.335	4.663	4.312	2.801	2.696	3.947	4.110	4.469	4.463	26407	MAP3K4	NM_011948_17_-1

Mapk1	6.811	6.967	6.575	6.785	6.564	6.673	6.787	7.023	6.886	7.248	26413	MAPK1	NM_011949_16_+_1
Mapk13	-3.349	-4.981	3.695	5.005	2.957	3.534	2.919	3.101	2.599	2.387	26415	MAPK13	NM_011950_17_+_1
Mapk14	3.165	3.009	5.369	4.920	5.614	6.364	5.935	5.816	7.159	7.170	26416	MAPK14	NM_011951_17_+_1
Mapk3	4.714	4.707	4.644	4.736	5.529	5.541	6.169	6.149	6.957	7.032	26417	MAPK3	NM_011952_7_+_1
Nubp1	6.740	6.556	6.756	6.802	7.049	6.949	6.716	6.500	6.357	6.114	26425	NUBP1	NM_011955_16_+_1
Nubp2	7.500	7.469	7.038	7.228	6.871	6.888	6.674	6.675	6.584	6.381	26426	NUBP2	NM_011956_17_+_1
Creb3l1	2.171	1.558	-0.755	-0.581	-0.912	-2.324	0.519	-1.242	0.843	-1.452	26427	CREB3L1	NM_011957_2_+_1
Orc4	5.875	6.274	5.708	5.602	5.629	5.579	5.551	5.079	4.837	5.155	26428	ORC4	NM_011958_2_+_1
Orc5	4.560	4.868	4.658	4.537	4.622	4.551	4.549	4.427	4.213	3.759	26429	ORC5	NM_011959_5_+_1
Parg	4.151	4.292	4.888	4.908	4.920	5.044	4.864	5.202	5.447	5.734	26430	PARG	NM_011960_14_+_1
Plod2	1.765	3.328	-2.894	-1.315	-2.411	-3.923	-3.595	-4.528	-4.981	-4.981	26432	PLOD2	NM_011961_9_+_1
Plod3	2.924	3.920	2.842	3.520	2.865	4.037	5.183	5.803	7.680	7.991	26433	PLOD3	NM_011962_5_+_1
Psm1	8.427	8.545	8.599	8.589	8.475	8.351	8.251	8.132	7.817	7.686	26440	PSMA1	NM_011965_7_+_1
Psm4	8.237	8.266	8.094	8.080	7.672	7.592	7.516	7.548	7.225	7.039	26441	PSMA4	NM_011966_9_+_1
Psm5	8.159	7.949	7.881	7.929	7.249	7.322	7.102	7.169	6.495	6.292	26442	PSMA5	NM_011967_3_+_1
Psm6	8.615	8.568	8.273	8.469	8.042	7.953	8.081	7.940	7.279	6.981	26443	PSMA6	NM_011968_12_+_1
Psm7	8.934	8.970	8.828	8.794	8.309	8.445	8.618	8.888	8.984	8.694	26444	PSMA7	NM_011969_2_+_1
Psm8	9.045	8.907	8.379	8.402	8.238	8.178	8.305	8.174	7.559	7.323	26445	PSM8	NM_011970_4_+_1
Psm9	8.728	8.644	7.912	7.870	7.945	7.885	8.135	7.868	7.563	7.071	26446	PSM9	NM_011971_11_+_1
Poli	3.960	3.603	3.225	2.727	3.079	3.265	2.192	2.369	2.091	1.777	26447	POLI	NM_011972_18_+_1
Mok	2.058	2.320	-2.898	-2.723	-1.354	-2.704	-1.495	-2.795	-0.989	-1.938	26448	MOK	NM_011973_12_+_1
Rpl27a	8.487	8.271	9.129	8.915	8.860	8.690	9.153	8.873	8.123	7.846	26451	RPL27A	NM_011975_7_+_1
Sema4g	-2.948	-2.997	-4.300	-2.901	-4.320	-3.469	-3.674	-4.770	-2.425	-3.758	26456	SEMA4G	NM_011976_19_+_1
Slc27a1	6.478	6.526	4.076	4.091	2.927	2.631	3.155	3.637	3.396	4.195	26457	SLC27A1	NM_011977_8_+_1
Slc27a2	-4.981	-4.981	-4.352	-3.384	1.967	2.838	-0.299	-1.777	-1.777	-4.981	26458	SLC27A2	NM_011978_2_+_1
Vnn3	-1.567	-4.981	-1.183	-3.117	0.096	-4.600	1.528	-2.439	3.822	0.097	26464	NA	NM_011979_10_+_1
Zfp146	2.167	0.148	1.844	0.544	1.619	0.502	1.389	-0.120	1.470	-0.892	26465	ZNF146	NM_011980_7_+_1
Zfp260	5.168	5.060	4.365	4.553	4.393	4.035	4.565	4.723	4.712	5.281	26466	ZNF260	NM_011981_7_+_1
Homer1	-4.981	-4.981	-2.439	-2.952	-2.084	-4.244	-1.515	-1.363	0.058	0.648	26556	HOMER1	NM_011982_13_+_1
Homer2	-4.981	-4.981	3.010	2.723	-4.806	-4.930	-3.835	-3.402	-4.981	-4.981	26557	HOMER2	NM_011983_7_+_1
Homer3	-1.080	-3.013	-1.217	-2.191	-3.962	-1.829	-2.406	-3.291	-4.230	-4.775	26558	HOMER3	NM_011984_8_+_1
Mmp23	-2.013	-1.395	2.422	2.314	3.406	3.540	3.098	1.850	-3.322	-4.981	26561	MMP23B	NM_011985_4_+_1
Ncdn	4.030	3.991	4.260	4.340	4.088	4.186	4.010	4.043	4.830	4.594	26562	NCDN	NM_011986_4_+_1
Slc27a3	-0.451	1.882	-0.341	-1.200	-1.948	-3.289	-1.056	-1.752	-0.510	-1.422	26568	SLC27A3	NM_011988_3_+_1
Slc27a4	2.554	2.817	2.735	3.079	2.285	2.239	2.401	2.948	4.079	4.254	26569	SLC27A4	NM_011989_2_+_1
Slc7a11	-2.117	-2.486	-0.681	-2.050	2.781	0.212	3.265	1.186	1.937	0.892	26570	SLC7A11	NM_011990_3_+_1
Cops3	6.957	6.994	6.402	6.429	6.592	6.485	6.109	6.144	5.289	5.279	26572	COPS3	NM_011991_11_+_1
Rcn2	6.582	6.410	7.051	6.185	5.983	5.266	5.972	5.081	5.180	4.366	26611	RCN2	NM_011992_9_+_1
Abcd2	0.754	0.451	2.320	1.570	1.010	0.505	4.390	4.847	7.699	7.590	26874	ABCD2	NM_011994_15_+_1
Pclo	-4.981	-4.981	-4.980	-4.805	-4.793	-3.847	-4.950	-4.394	-4.981	-4.227	26875	PCLO	NM_011995_5_+_1
Casp8ap2	1.498	1.712	1.718	1.387	2.520	2.009	2.156	0.856	0.793	1.708	26885	CASP8AP2	NM_011997_4_+_1
Clec4a2	1.843	0.642	1.644	1.227	5.341	6.072	5.385	6.460	6.671	7.349	26888	CLEC4A	NM_011999_6_+_1
Cln8	5.514	5.911	6.122	5.598	6.982	6.999	6.589	6.784	7.731	7.666	26889	CLN8	NM_012000_8_+_1
Cops4	8.107	8.002	7.103	7.230	6.893	7.104	6.497	6.514	5.602	5.712	26891	COPS4	NM_012001_5_+_1
Cops6	8.035	7.999	7.302	7.450	7.034	7.050	7.137	7.308	6.635	6.481	26893	COPS6	NM_012002_5_+_1
Cops7a	5.342	5.459	5.604	5.923	5.288	5.614	5.276	5.660	4.804	5.086	26894	COPS7A	NM_012003_6_+_1
Med14	-0.380	-0.437	2.345	2.010	1.631	1.128	1.660	0.992	2.102	1.271	26896	MED14	NM_012005_X_+_1
Acot1	0.718	-2.854	-0.231	-0.889	-0.420	-0.955	-0.572	0.665	1.460	1.054	26897	NA	NM_012006_12_+_1
Sh2d1b1	6.053	6.127	2.396	2.636	6.684	6.727	6.273	5.410	5.090	3.182	26904	SH2D1B	NM_012009_1_+_1
Eif2s3x	5.728	5.686	6.193	6.476	6.036	6.226	6.063	6.258	5.818	6.007	26905	EIF2S3	NM_012010_X_+_1
Exo1	-2.178	-1.910	1.701	1.607	2.610	1.732	1.891	0.911	-0.514	-0.179	26909	EXO1	NM_012012_1_+_1
H2afy	6.480	5.870	7.680	7.496	7.358	7.053	7.352	7.166	6.955	6.483	26914	H2AFY	NM_012015_13_+_1
Ern2	-4.981	-4.981	-3.309	-3.044	-2.987	-3.275	-4.963	-4.944	-4.981	-4.981	26918	ERN2	NM_012016_7_+_1
Zfp346	2.772	3.090	3.403	3.398	3.463	3.269	2.961	2.923	3.186	3.318	26919	ZNF346	NM_012017_13_+_1
Cntrl	6.718	6.898	7.250	7.107	7.968	7.828	7.137	6.731	6.039	6.160	26920	CNTRL	NM_012018_2_+_1
Aifm1	4.820	4.886	4.948	5.516	4.982	5.162	4.795	5.261	4.941	5.239	26926	AIFM1	NM_012019_X_+_1
Prdx5	8.087	8.315	5.570	5.826	6.171	6.604	7.149	7.489	9.535	9.119	54683	PRDX5	NM_012021_19_+_1
Ppp2r5c	2.561	3.937	3.944	3.128	3.700	4.298	4.347	4.789	5.465	5.469	26931	NA	NM_012023_12_+_1
Ppp2r5e	4.244	4.258	4.558	4.626	4.817	4.744	4.522	4.480	4.636	4.810	26932	PPP2R5E	NM_012024_12_+_1
Racgap1	2.561	2.031	2.202	2.178	2.218	1.265	1.899	2.244	4.005	3.148	26934	RACGAP1	NM_012025_15_+_1
Arhgef28	-4.981	-2.344	-4.642	-4.710	-1.056	0.327	-4.198	-3.862	-3.242	-3.386	110596	ARHGEF28	NM_012026_13_+_1
Mprp	1.731	1.988	3.089	2.653	0.893	0.537	3.016	2.529	3.183	2.993	26936	MPRIP	NM_012027_11_+_1
St6galnac5	-4.981	-4.981	-4.972	-4.972	-4.976	-4.749	-2.629	-4.234	-3.322	-4.981	26938	ST6GALNAC5	NM_012028_3_+_1
Ecsit	3.655	2.695	3.359	2.046	2.829	2.833	3.531	2.257	3.432	1.231	26940	ECSIT	NM_012029_9_+_1
Slc9a3r1	6.463	6.247	6.375	6.502	7.453	7.300	6.730	6.519	6.885	6.636	26941	SLC9A3R1	NM_012030_11_+_1
Spag1	-0.259	0.147	-1.178	-1.656	-1.852	-1.054	-1.444	-1.267	0.893	-1.167	26942	SPAG1	NM_012031_15_+_1
Serinc3	11.533	11.837	9.550	9.607	9.159	9.129	9.992	10.634	11.082	11.447	26943	SERINC3	NM_012032_2_+_1
Vat1	-0.150	0.587	0.309	-0.173	-1.070	-1.019	0.592	0.346	0.960	0.285	26949	VAT1	NM_012037_11_+_1
Zw10	3.555	3.910	3.944	4.577	4.629	4.630	4.008	4.499	3.976	4.419	26951	ZW10	NM_012039_9_+_1
Pnck	1.616	2.407	-4.583	-4.722	-4.744	-4.921	-4.916	-4.927	-4.900	-4.810	93843	PNCK	NM_012040_X_+_1
Cul1	6.393	6.645	7.053	6.976	6.836	6.847	6.855	6.937	6.946	7.159	26965	CUL1	NM_012042_6_+_1
Spo11	-4.508	-4.981	-4.772	-4.863	-4.921	-4.971	-4.963	-4.971	-4.954	-4.981	26972	SPO11	NM_012046_2_+_1
Brd7	5.845	5.879	5.646	5.667	5.694	5.674	5.973	5.857	6.189	6.396	26992	BRD7	NM_012047_8_+_1
Polk	2.390	2.886	3.621	3.540	3.442	3.823	3.328	3.422	3.585	3.654	27015	POLK	NM_012048_13_+_1

Nit1	4.669	5.131	4.191	4.470	4.452	4.593	3.983	3.966	3.279	3.697	27045	NIT1	NM_012049_1_-1
Omd	1.335	1.157	1.541	1.099	1.270	1.242	0.659	0.589	0.204	0.311	27047	OMD	NM_012050_13_+1
Etv3	2.745	2.734	5.171	5.088	5.648	5.271	5.595	4.433	3.601	4.353	27049	ETV3	NM_012051_3_+1
Rps3	10.083	10.101	10.251	10.154	9.901	9.855	9.895	9.992	9.223	9.185	27050	RPS3	NM_012052_7_-1
Rpl8	9.376	9.256	9.295	9.292	9.107	9.047	9.292	9.296	8.489	8.237	26961	RPL8	NM_012053_15_+1
Aoah	-1.193	-4.981	-1.223	-4.292	-1.416	-3.593	-0.044	0.036	5.681	3.683	27052	AOAH	NM_012054_13_+1
Asns	-3.090	0.622	-2.389	2.656	0.214	3.062	-0.276	3.777	0.946	2.011	27053	ASNS	NM_012055_6_-1
Fkbp9	-2.355	-2.583	-2.529	-1.392	-1.234	-0.358	-0.378	0.422	-0.100	1.693	27055	FKBP9	NM_012056_6_+1
Irf5	7.314	7.602	8.985	8.980	8.500	8.168	8.617	8.663	10.003	9.709	27056	IRF5	NM_012057_6_+1
Srp9	8.077	6.569	7.395	6.161	6.893	5.615	7.188	6.028	6.856	5.523	27058	SRP9	NM_012058_1_+1
Bcap31	8.331	8.527	7.436	7.638	7.348	7.471	7.665	7.837	7.503	7.337	27061	BCAP31	NM_012060_X_-1
Cadps	-4.981	-4.981	-4.968	-4.865	-3.974	-4.722	-4.981	-4.981	-4.597	-4.981	27062	CADPS	NM_012061_14_-1
Pde6g	-3.080	-1.995	-3.547	-4.940	-4.547	-3.667	-4.953	-3.232	-4.981	-4.981	18588	PDE6G	NM_012065_11_-1
Atp1b2	-4.981	-4.981	-3.587	-1.377	-1.817	-0.805	-3.219	-0.541	-2.685	-1.593	11932	ATP1B2	NM_013415_11_-1
Abca1	-0.395	-2.160	0.525	1.449	1.147	1.272	3.240	4.007	3.379	2.888	11303	ABCA1	NM_013454_4_-1
Actn3	-4.981	-4.981	-4.977	-4.977	-4.963	-4.794	-3.955	-3.446	-4.981	-4.981	11474	NA	NM_013456_19_-1
Add1	1.447	1.177	2.188	1.098	1.593	0.157	0.947	0.475	2.787	-1.674	11518	ADD1	NM_013457_5_+1
Add2	-4.981	-2.280	-4.394	-0.046	-3.467	-0.337	-4.599	0.448	-3.753	-2.332	11519	ADD2	NM_013458_6_+1
Adra1a	-4.981	-4.981	-4.981	-4.981	-4.953	-4.620	-4.981	-4.981	-4.981	-4.970	11549	ADRA1A	NM_013461_14_+1
Gla	3.081	3.341	2.904	3.231	3.610	3.174	3.170	3.245	4.083	3.899	11605	GLA	NM_013463_X_-1
Ahr	3.828	3.580	7.029	6.746	6.241	6.985	6.327	6.308	6.881	6.962	11622	AHR	NM_013464_12_-1
Aldh1a1	-2.647	-4.981	-1.519	2.030	-2.500	2.116	-0.847	2.682	-1.985	1.125	11668	ALDH1A1	NM_013467_19_+1
Anxa11	2.629	3.024	3.306	4.121	3.394	4.046	3.424	3.954	4.929	5.376	11744	ANXA11	NM_013469_14_+1
Anxa3	1.714	-0.209	5.712	6.199	6.699	5.701	6.163	5.886	5.765	6.180	11745	ANXA3	NM_013470_5_+1
Anxa4	5.932	6.432	6.675	7.143	6.454	7.225	6.575	7.014	6.627	7.298	11746	ANXA4	NM_013471_6_-1
Anxa6	6.344	6.146	9.140	9.022	8.840	8.569	7.761	7.966	8.004	8.360	11749	ANXA6	NM_013472_11_-1
Apoa2	-4.981	-4.981	-4.562	-4.957	-4.066	-4.867	-3.880	-4.832	-4.851	-4.838	11807	APOA2	NM_013474_1_+1
Ar	-0.218	0.580	-4.070	-4.575	-4.616	-4.552	-3.388	-2.362	-4.981	-3.480	11835	AR	NM_013476_X_+1
Atp6v0d1	6.347	6.342	6.043	6.157	6.096	6.125	6.238	6.088	6.755	6.685	11972	ATP6V0D1	NM_013477_8_-1
Bop1	5.040	5.248	5.660	5.669	5.465	5.482	5.395	5.541	5.431	5.403	12181	BOP1	NM_013481_15_-1
Btk	5.793	5.835	6.582	6.554	6.018	5.982	6.003	6.268	6.379	6.560	12229	BTK	NM_013482_X_-1
Btn1a1	-4.981	-4.981	-3.658	-2.733	-4.805	-3.029	-4.971	-2.621	-4.981	-4.981	12231	BTN1A1	NM_013483_13_-1
C2	1.368	-0.697	0.485	-0.045	1.401	0.109	1.265	0.675	-0.981	-2.539	12263	C2	NM_013484_17_-1
Cd2	2.046	1.274	-0.493	2.011	0.639	3.416	2.187	4.703	0.592	2.039	12481	CD2	NM_013486_3_-1
Cd3d	1.852	1.231	-0.048	1.814	0.606	3.207	1.643	3.924	-1.382	-0.086	12500	CD3D	NM_013487_9_+1
Cd4	8.236	7.837	3.835	5.098	7.268	7.675	6.764	6.151	-0.047	-0.212	12504	CD4	NM_013488_6_-1
Cd84	2.612	3.345	2.131	2.485	2.228	2.023	3.924	4.231	7.354	7.111	12523	CD84	NM_013489_1_+1
Chka	2.133	2.524	3.677	3.441	5.204	5.276	4.627	2.975	2.478	0.579	12660	CHKA	NM_013490_19_+1
Cln1	-4.981	-4.981	-2.576	-3.492	0.805	1.349	-1.221	-1.680	-4.981	-2.993	12723	CLCN1	NM_013491_6_+1
Clu	1.931	0.118	1.928	3.429	0.987	1.954	3.529	3.097	1.757	1.928	12759	CLU	NM_013492_14_+1
Cnbp	9.146	9.038	8.598	8.512	8.605	8.603	8.440	8.434	7.597	7.468	12785	CNBP	NM_013493_6_-1
Cpe	-4.981	-4.981	-2.836	-3.980	3.057	2.703	-3.586	-2.070	-4.981	-3.480	12876	CPE	NM_013494_8_-1
Cpt1a	3.364	3.699	4.954	5.192	4.248	4.336	5.623	6.086	7.731	8.032	12894	CPT1A	NM_013495_19_+1
Creb3	8.496	7.646	7.182	6.866	6.801	6.581	6.614	6.449	6.652	6.366	12913	CREB3	NM_013497_4_+1
Crem	0.238	-1.277	-1.405	-0.237	-1.978	-3.125	-2.952	-1.312	-1.922	-0.402	12916	CREM	NM_013498_18_-1
Cr1l	7.272	7.084	6.285	6.190	6.566	6.670	6.561	6.615	6.408	6.269	12946	CR1L	NM_013499_1_-1
Cryaa	-4.981	-4.489	-4.978	-4.932	-4.618	-3.425	-4.945	-4.972	-4.871	-4.892	12954	CRYAA LOC102724	NM_013501_17_+1
Ctbp1	3.902	3.817	3.778	3.627	3.847	3.802	4.142	3.489	4.601	4.423	13016	CTBP1	NM_013502_5_-1
Drd5	-4.981	-4.981	-4.925	-4.166	-4.970	-4.705	-4.377	-3.542	-4.981	-4.981	13492	DRD5	NM_013503_5_+1
Dsc2	-4.981	-4.981	-4.981	-4.981	-4.960	-3.922	-4.972	-2.669	-4.981	-4.981	13506	DSC2	NM_013505_18_-1
Eif4a2	5.500	5.889	5.277	6.149	5.917	6.612	4.653	4.862	-4.440	-3.915	13682	EIF4A2	NM_013506_16_+1
Eif4g2	7.489	7.405	8.551	8.517	8.327	8.165	8.305	8.343	9.226	9.581	13690	EIF4G2	NM_013507_7_-1
Elk3	4.348	3.992	3.731	3.510	6.713	7.017	5.966	6.051	6.337	6.580	13713	ELK3	NM_013508_10_-1
Eno2	-2.842	-4.981	3.150	3.462	2.589	3.219	1.099	1.299	-4.981	-4.963	13807	ENO2	NM_013509_6_-1
Epb41l1	-4.502	-4.558	-4.587	-4.875	-3.822	-3.962	-3.730	-4.953	-4.870	-4.719	13821	EPB41L1	NM_013510_2_+1
Epb41l2	4.033	4.000	5.373	5.121	5.006	4.825	5.188	4.611	4.447	4.543	13822	EPB41L2	NM_013511_10_+1
Epb41l4a	-2.501	-0.618	-3.154	-1.482	-2.815	-2.445	-2.533	-2.829	-1.737	-2.988	13824	EPB41L4A	NM_013512_18_-1
Epb42	-4.981	0.559	-3.770	1.215	-1.281	1.417	-0.118	1.322	-1.973	0.702	13828	EPB42	NM_013513_2_-1
Dmtn	-4.453	-3.824	-4.760	-2.015	-4.551	-1.351	-4.079	-4.192	-4.981	-4.734	13829	DMTN	NM_013514_14_-1
Stom	3.807	4.076	7.140	7.126	7.133	7.414	7.135	7.166	8.966	8.791	13830	STOM	NM_013515_2_-1
Ms4a2	-4.981	-4.981	-4.905	-2.392	-4.883	-2.631	2.381	-1.788	-3.242	-4.981	14126	MS4A2	NM_013516_19_-1
Fcer2a	1.512	0.960	0.352	2.012	1.725	4.097	2.914	5.395	-1.228	0.507	14128	FCER2	NM_013517_8_-1
Fgf9	-4.981	-2.600	-4.962	-4.852	-4.799	-4.960	-4.855	-3.023	-4.981	-4.981	14180	FGF9	NM_013518_14_+1
Flt3l	2.907	2.947	1.652	1.713	3.087	2.859	2.695	2.743	3.105	2.801	14256	FLT3LG	NM_013520_7_-1
Fpr1	2.072	-0.572	0.890	0.280	1.875	1.551	2.344	2.778	2.928	2.749	14293	FPR1	NM_013521_17_-1
Frg1	7.356	7.158	6.797	6.647	6.718	6.569	6.770	6.521	6.167	6.124	14300	FRG1	NM_013522_8_-1
Fut7	-4.869	-4.791	-2.846	-3.409	-0.816	-0.865	-0.366	0.858	-1.132	-1.458	14347	FUT7	NM_013524_2_+1
Gdf7	-4.981	-2.997	-4.981	-4.981	-4.732	-4.897	-4.751	-4.960	-4.981	-4.342	238057	GDF7	NM_013527_12_-1
Gfpt1	4.345	4.404	6.272	5.990	6.117	6.047	6.091	5.324	5.063	4.526	14583	GFPT1	NM_013528_6_+1
Gfpt2	-2.948	-4.981	-1.938	-0.414	1.732	1.829	0.361	-0.097	-4.981	-4.981	14584	GFPT2	NM_013529_11_+1
Gnb3	-2.739	0.061	-4.981	-4.981	-4.336	-4.759	-3.966	-4.226	-4.981	-4.981	14695	GNB3	NM_013530_6_-1
Gnb4	6.116	7.353	5.067	6.249	3.711	4.720	1.808	3.419	0.433	1.356	14696	GNB4	NM_013531_3_-1
Lilrb4a	4.033	2.976	4.762	4.562	4.226	4.558	7.081	7.625	8.995	9.202	14728	LILRB4	NM_013532_10_+1
Gpr162	2.393	2.466	-0.470	-0.584	1.106	-0.204	1.192	0.344	-3.043	-4.316	14788	GPR162	NM_013533_6_-1

P3h3	1.947	2.143	0.572	0.666	1.174	1.050	1.553	1.614	-2.039	-1.195	14789	P3H3	NM_013534_6_-1
Grccl0	8.099	7.924	7.356	7.076	6.555	6.876	7.300	7.249	6.580	6.232	14790	C12orf57	NM_013535_6_-1
Emg1	7.262	7.401	6.474	6.509	6.538	6.496	6.449	6.552	5.819	5.783	14791	EMG1	NM_013536_6_-1
Cdca3	1.107	1.294	4.388	4.306	4.814	3.944	4.238	3.276	2.744	1.780	14793	CDCA3	NM_013538_6_+1
Spsb2	3.050	4.100	3.061	3.171	2.624	2.429	3.221	2.833	3.629	3.792	14794	SPSB2	NM_013539_6_+1
Gstp1	8.324	8.149	7.037	7.059	7.290	7.496	7.647	7.642	7.393	6.943	14870	GSTP1	NM_013541_19_-1
Gzmb	-4.981	-4.981	-3.727	-1.903	-1.893	1.330	1.179	-1.075	-1.022	-4.981	14939	NA	NM_013542_14_-1
H2-Ke6	7.500	7.446	6.291	6.329	6.781	6.833	6.736	6.552	5.368	4.939	14979	HSD17B8	NM_013543_17_-1
Ptpn6	9.956	9.917	8.333	8.305	10.022	10.086	9.770	10.013	10.443	10.424	15170	PTPN6	NM_013545_6_-1
Hebp1	0.223	4.209	-0.582	5.238	0.578	7.649	1.688	6.800	-0.637	6.746	15199	HEBP1	NM_013546_6_-1
Hgd	-4.981	-4.981	-3.668	-3.842	-4.581	-3.503	-4.721	-4.551	-3.354	-4.981	15233	HGD	NM_013547_16_+1
Hist1h3f	0.153	-2.890	0.117	-2.504	-0.176	-1.532	-0.550	-3.424	-2.143	-4.128	260423	HIST2H3A	NM_013548_13_+1
Hist2h2aa1	6.034	4.642	5.110	4.002	3.947	3.824	4.249	3.912	3.869	3.200	15267	HIST2H2AA3	HIST2NM_013549_3_-1
Hist2h2aa1	6.030	4.680	4.323	3.538	3.658	2.638	4.451	2.345	4.505	3.041	15267	HIST2H2AA3	HIST2NM_013549_dup1_3_+1
Hist1h3a	1.482	0.954	1.410	0.700	2.348	1.348	2.116	0.585	0.834	-0.352	360198	HIST1H3D	NM_013550_13_-1
Hmbs	5.006	5.011	4.910	5.318	5.192	5.518	5.117	5.559	5.310	5.134	15288	HMBS	NM_013551_9_-1
Hmmr	-1.901	-1.497	2.720	3.461	3.687	3.362	3.348	2.651	1.214	0.879	15366	HMMR	NM_013552_11_-1
Hoxc4	-4.981	-4.981	-3.990	-2.763	1.866	2.531	-2.126	-2.550	-4.981	-4.981	15423	HOXC4	NM_013553_15_+1
Hprt	7.123	7.162	7.256	7.199	7.300	7.196	7.305	7.322	7.346	7.140	15452	HPRT1	NM_013555_X_+1
Eif2ak1	5.801	5.621	6.493	6.456	6.086	5.891	6.203	6.220	7.042	6.804	15467	EIF2AK1	NM_013557_5_+1
Hspa1l	-0.643	-1.404	-0.205	-1.511	0.103	-1.091	-0.975	-1.037	-3.257	-1.322	15482	HSPA1L	NM_013558_17_+1
Hsph1	3.831	3.768	5.722	4.982	5.987	4.863	5.542	4.699	3.415	4.148	15505	HSPH1	NM_013559_5_-1
Hspb1	-2.388	-1.340	1.853	1.500	0.962	1.050	1.521	-0.251	-3.531	-2.266	15507	HSPB1	NM_013560_5_+1
Ifrd1	6.224	6.536	5.872	5.741	7.057	7.089	6.707	6.513	5.298	5.526	15982	IFRD1	NM_013562_12_-1
Il2rg	9.071	8.833	7.381	7.513	9.563	9.753	9.484	9.547	7.693	7.981	16186	IL2RG	NM_013563_X_-1
Insl3	0.597	-0.700	-2.670	-2.712	-0.660	-0.403	-1.114	-2.204	-4.981	-4.981	16336	INSL3	NM_013564_8_+1
Itga3	-4.255	-1.897	-0.973	0.541	-4.893	-4.944	-3.693	-3.373	-4.764	-4.881	16400	ITGA3	NM_013565_11_-1
Itgb7	8.169	8.131	7.703	7.698	8.285	8.270	8.438	8.696	9.730	9.383	16421	ITGB7	NM_013566_15_-1
Kcna6	-4.981	-4.981	-4.981	-4.981	-4.988	-3.758	-4.963	-4.635	-4.981	-4.981	16494	KCNA6	NM_013568_6_-1
Ksr1	-3.563	-2.895	-1.148	-0.840	0.688	0.239	-0.386	-1.655	0.602	0.292	16706	KSR1	NM_013571_11_-1
Ldhc	-4.981	-4.981	-4.945	-4.076	-3.963	-3.209	-1.734	-3.889	-1.795	-4.981	16833	LDHC	NM_013580_7_+1
Cog1	4.778	4.838	4.744	4.835	4.793	4.890	4.689	4.593	5.053	5.491	16834	COG1	NM_013581_11_+1
Lifr	7.308	7.716	2.603	2.110	2.630	2.588	3.611	3.432	4.911	4.742	16880	LIFR	NM_013584_15_+1
Psmb9	8.982	8.569	9.681	9.802	8.902	8.820	8.489	8.128	6.983	6.253	16912	PSMB9	NM_013585_17_-1
Loxl3	0.319	0.173	3.689	4.163	2.912	3.254	2.801	3.309	0.282	2.593	16950	LOXL3	NM_013586_6_+1
Lrpap1	7.070	7.176	6.054	6.310	5.926	6.006	6.247	6.619	7.319	7.267	16976	LRPAP1	NM_013587_5_-1
Ltbp2	-1.243	-4.981	4.615	4.580	1.868	0.835	1.334	-0.802	-2.451	-4.981	16997	LTBP2	NM_013589_12_-1
Lyz1	1.710	-2.895	5.037	4.336	0.773	0.276	7.825	7.566	8.428	7.997	17110	LYZ	NM_013590_10_-1
Madcam1	-3.668	-4.981	-3.710	-4.247	-4.555	-2.686	-4.955	-4.924	-4.190	-4.981	17123	NA	NM_013591_10_+1
Mbd1	3.842	3.576	4.016	4.206	4.132	3.920	4.146	4.193	4.565	4.611	17190	MBD1	NM_013594_18_+1
Mbd3	5.232	5.087	4.272	4.623	3.919	4.395	3.915	3.952	3.371	3.212	17192	MBD3	NM_013595_10_-1
Mc5r	-2.178	-1.814	-4.967	-3.943	-1.805	-3.981	-4.974	-4.978	-1.712	-2.867	17203	MC5R	NM_013596_18_+1
Kitl	-1.324	-2.060	-3.932	-0.498	-1.726	-2.988	-3.710	0.150	-1.973	-1.751	17311	KITLG	NM_013598_10_+1
Mmp9	-1.681	-3.267	-1.852	0.091	5.844	6.568	2.922	3.819	1.441	0.468	17395	MMMP9	NM_013599_2_+1
Msh5	-4.212	-3.927	-2.957	-2.648	-2.938	-3.315	-2.796	-4.240	-4.485	-4.858	17687	MSH5	NM_013600_17_-1
Mt1	2.175	1.548	5.678	5.014	4.568	4.482	6.174	5.453	3.303	3.496	17748	NA	NM_013602_8_+1
Mt3	-3.189	-4.981	-3.296	-4.693	-4.817	-4.972	-3.908	-4.325	-4.981	-4.981	17751	NA	NM_013603_8_+1
Mtx1	6.517	6.333	5.696	5.675	5.690	5.796	5.605	5.544	5.380	4.909	17827	MTX1	NM_013604_3_-1
Muc1	-0.585	0.558	-2.570	-1.900	-1.792	-2.164	-1.053	-2.537	-4.394	-1.711	17829	NA	NM_013605_3_+1
Mx2	-0.567	0.014	-4.674	-2.204	-4.619	-4.680	-3.792	-4.737	-0.792	-4.640	17858	NA	NM_013606_16_+1
Myh11	-4.981	-4.981	-4.447	-4.407	-4.972	-4.972	-4.975	-4.677	-4.981	-4.981	17880	MYH11	NM_013607_16_-1
Naca	8.885	8.908	8.856	8.873	8.799	8.708	8.794	8.762	7.812	7.791	17938	NACA	NM_013608_10_+1
Ninj1	6.094	5.763	4.964	5.371	4.717	4.670	5.734	6.208	7.756	7.303	18081	NINJ1	NM_013610_13_+1
Nodal	-4.981	-4.981	-4.961	-4.961	-4.973	-4.973	-4.510	-0.331	-4.981	-4.981	18119	NODAL	NM_013611_10_+1
Slc11a1	2.969	0.477	7.317	7.243	3.471	3.003	6.648	7.509	8.369	8.315	18173	SLC11A1	NM_013612_1_+1
Nr4a2	-2.492	-3.628	3.850	3.007	4.566	4.082	2.616	1.171	1.006	-0.338	18227	NR4A2	NM_013613_2_-1
Odc1	6.836	6.542	6.704	6.838	6.023	6.145	5.117	5.975	4.155	3.819	18263	ODC1	NM_013614_12_+1
Odf2	0.073	-0.859	0.233	0.116	0.544	-1.108	0.087	-0.544	1.551	0.116	18286	ODF2	NM_013615_2_+1
Oprd1	-4.981	-2.353	1.432	1.259	0.111	0.230	-1.088	-2.761	-4.981	-4.981	18386	OPRD1	NM_013622_4_-1
Orm3	-3.843	-4.981	-3.918	-4.829	-4.237	-4.553	-4.173	-4.537	-4.981	-4.981	18407	NA	NM_013623_4_+1
Pafah1b1	5.338	5.384	4.969	4.591	5.082	4.863	5.316	5.012	5.018	5.222	18472	PAFAH1B1	NM_013625_11_-1
Pam	0.881	1.588	-0.175	2.131	0.287	1.248	0.554	2.058	1.466	3.549	18484	PAM	NM_013626_1_-1
Pax6	-4.981	-4.981	-4.953	-4.978	-4.977	-4.981	-4.981	-4.981	-4.981	-4.981	18508	PAX6	NM_013627_2_+1
Phtf1	4.143	3.839	3.469	3.745	3.824	4.392	3.908	3.133	3.271	3.375	18685	PHTF1	NM_013629_3_+1
Pkd1	4.960	4.865	4.602	4.496	4.874	4.936	4.677	4.805	5.443	5.432	18763	PKD1	NM_013630_17_+1
Pklr	-4.981	-2.459	-4.284	-1.308	-2.820	0.320	-4.750	0.444	-4.981	-1.837	18770	PKLR	NM_013631_3_+1
Pnp	6.288	6.199	6.599	6.424	6.641	6.159	7.062	6.411	7.876	6.376	18950	PNP	NM_013632_14_+1
Pou5f1	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	18999	POU5F1	NM_013633_17_+1
Med1	2.187	3.117	2.131	1.890	2.207	2.132	2.149	3.477	0.584	3.288	19014	MED1	NM_013634_11_-1
Sypl	0.113	1.685	-2.923	-3.417	-2.578	-2.339	-1.676	-0.357	-3.082	0.776	19027	SYPL1	NM_013635_12_+1
Ppp1cc	8.087	8.068	7.391	7.328	7.936	7.807	7.596	7.613	7.627	7.532	19047	NA	NM_013636_5_+1
Prm1	-4.981	-4.981	-4.767	-5.000	-4.832	-4.951	-4.864	-4.435	-4.981	-4.981	19118	NA	NM_013637_16_-1
Prph	-2.291	-2.787	-0.649	1.304	-1.824	-4.913	-4.344	-4.803	-4.981	-4.981	19132	PRPH	NM_013639_15_+1
Psmb10	8.653	8.518	7.464	7.571	7.705	7.710	7.842	7.739	7.490	7.121	19171	PSMB10	NM_013640_8_-1

Ptger1	2.247	1.738	3.079	2.642	2.998	2.695	2.953	2.555	4.477	4.048	19216	PTGER1	NM_013641_8_+1
Dusp1	7.448	7.138	9.867	9.585	10.867	10.785	10.530	10.555	10.897	11.001	19252	DUSP1	NM_013642_17_-1
Ptpn5	-3.702	-3.422	-4.981	-4.981	-4.980	-4.980	-4.907	-4.872	-4.981	-4.981	19259	PTPN5	NM_013643_7_-1
Rora	-2.164	6.317	-1.238	-1.889	-3.936	-2.671	-0.503	-4.609	-3.816	-3.895	19883	RORA	NM_013646_9_+1
Rps16	9.041	8.876	9.225	9.115	8.966	8.759	9.319	9.109	8.136	7.792	20055	RPS16	NM_013647_7_+1
Rtn2	-4.981	-2.883	-2.892	-1.542	-4.262	-2.182	-2.780	-3.023	-3.043	-4.981	20167	RTN2	NM_013648_7_+1
Ryk	-4.386	-4.360	-2.894	-0.193	-4.730	0.666	-4.197	0.163	-1.151	-3.293	20187	RYK	NM_013649_9_+1
S100a8	-1.631	-1.310	0.323	4.588	0.687	7.196	3.660	8.047	10.079	3.718	20201	S100A8	NM_013650_3_+1
Sf3a2	3.283	3.159	3.690	3.633	4.022	3.538	3.772	3.660	4.322	4.064	20222	NA	NM_013651_10_+1
Ccl4	11.362	11.662	6.091	4.874	8.750	8.767	8.628	6.692	3.824	3.651	20303	CCL4	NM_013652_11_+1
Ccl5	4.331	2.120	7.551	7.713	9.500	9.176	8.069	6.657	2.083	-0.311	20304	CCL5	NM_013653_11_-1
Ccl7	-4.981	-4.981	-1.108	-0.918	-4.574	-4.980	0.669	-1.762	-2.724	-1.476	20306	NA	NM_013654_11_+1
Cxcl12	-2.739	-4.981	-3.499	-4.707	-3.241	-4.710	-3.732	-4.701	-1.618	-3.233	20315	CXCL12	NM_013655_6_+1
Sema4a	-4.084	-3.909	5.099	5.811	-0.205	1.170	4.250	3.991	5.920	5.724	20351	SEMA4A	NM_013658_3_-1
Sema4b	6.668	6.503	-0.178	-0.053	2.731	3.007	1.286	2.374	2.362	1.625	20352	SEMA4B	NM_013659_7_+1
Sema4d	5.722	6.206	4.913	4.916	6.721	6.782	6.586	6.477	7.635	7.570	20354	SEMA4D	NM_013660_13_-1
Sema5b	-4.981	-3.408	1.692	-1.774	-4.978	-4.978	-4.981	-4.981	-4.981	-4.981	20357	SEMA5B	NM_013661_16_+1
Sema6b	-4.451	-4.981	-1.272	-0.376	-3.260	-4.898	-1.814	-0.993	1.340	1.435	20359	SEMA6B	NM_013662_17_-1
Srsf3	8.982	9.061	8.815	8.827	8.811	8.604	8.568	8.396	7.347	7.434	20383	SRSF3	NM_013663_17_+1
Sh3gl1	6.378	6.472	6.279	6.390	5.733	5.935	5.627	6.154	6.092	6.229	20405	SH3GL1	NM_013664_17_-1
Kdm5c	4.450	4.842	5.315	5.528	5.542	5.483	5.254	5.448	5.665	6.207	20591	KDM5C	NM_013665_X_+1
Snap91	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	20616	SNAP91	NM_013669_9_-1
Snrpn	-1.764	-2.209	-3.960	-4.642	-3.576	-2.138	-3.781	-2.543	-4.981	-4.981	20646	SNRPN	NM_013670_7_-1
Sod2	6.758	6.577	6.857	6.830	6.007	6.105	6.599	6.833	6.508	6.886	20656	SOD2	NM_013671_17_+1
Sp1	4.660	5.057	4.753	4.664	5.135	5.065	5.270	5.231	5.458	5.761	20683	SP1	NM_013672_15_+1
Sp100	7.490	7.169	7.126	6.833	7.066	6.689	7.064	7.111	8.280	7.838	20684	NA	NM_013673_1_+1
Irf4	5.350	5.822	4.149	3.711	6.532	6.506	5.545	5.742	5.791	5.264	16364	IRF4	NM_013674_13_+1
Sptb	-3.843	0.358	-0.940	1.610	-0.253	1.703	-0.284	1.410	-0.132	1.053	20741	SPTB	NM_013675_12_-1
Supt5	6.318	6.343	6.626	6.678	7.132	6.983	7.144	6.939	7.398	7.318	20924	SUPT5H	NM_013676_7_-1
Surf1	5.762	5.798	4.949	5.009	4.664	4.707	4.757	4.962	4.716	4.655	20930	SURF1	NM_013677_2_-1
Surf2	5.405	5.398	4.293	4.454	4.702	4.866	4.449	4.413	3.820	3.632	20931	SURF2	NM_013678_2_+1
Syn1	-3.916	-4.981	-4.880	-4.856	-4.542	-4.935	-4.794	-4.660	-4.110	-4.529	20964	SYN1	NM_013680_X_-1
Tap1	6.594	6.144	8.712	8.818	7.377	7.044	7.416	7.272	7.063	6.391	21354	TAP1	NM_013683_17_+1
Tbp	5.507	5.306	4.980	4.745	5.424	4.920	5.192	4.947	4.961	4.767	21374	TBP	NM_013684_17_+1
Tcf4	9.060	8.977	5.009	4.664	4.446	4.368	4.556	4.933	4.402	4.479	21413	TCF4	NM_013685_18_+1
Tcp1	7.020	7.081	7.659	7.732	7.276	7.272	7.159	7.269	6.661	6.608	21454	TCP1	NM_013686_17_+1
Tcp11	-4.829	-4.981	-4.517	-4.501	-3.978	-4.064	-4.706	-4.990	-0.281	-4.948	21463	TCP11	NM_013687_17_-1
Tcte1	-4.981	-4.981	-3.783	-4.876	-0.042	-2.223	-3.557	-3.817	-4.981	-4.981	21645	TCTE1	NM_013688_17_+1
Tec	-3.587	-0.725	-0.159	-0.412	1.647	-1.204	1.605	-0.614	2.421	0.045	21682	TEC	NM_013689_5_-1
Tek	-4.981	-4.349	-4.948	-4.436	-4.898	-4.949	-4.970	-4.892	-4.981	-4.981	21687	TEK	NM_013690_4_+1
Thbs3	-1.551	-1.944	-3.355	-4.060	-3.496	-4.168	-2.317	-1.949	-0.537	0.939	21827	THBS3	NM_013691_3_+1
Klf10	3.582	3.582	3.125	3.107	3.813	3.088	5.835	5.922	8.482	8.286	21847	KLF10	NM_013692_15_-1
Tnf	4.295	2.660	5.152	5.259	5.820	6.261	4.619	4.678	3.147	3.484	21926	TNF	NM_013693_17_-1
Tnp2	-1.626	-4.981	-3.961	-3.078	-3.136	-4.094	-4.919	-4.346	-4.981	-4.981	21959	NA	NM_013694_16_-1
Txk	-4.258	-4.981	-4.819	-4.760	-4.793	-4.922	-4.932	-4.131	-4.308	-4.906	22165	TXK	NM_013698_5_-1
Ubp1	5.051	4.645	5.584	5.301	5.639	5.473	5.370	5.367	5.224	5.483	22221	UBP1	NM_013699_9_+1
Usp5	4.874	4.922	5.298	5.449	5.427	5.367	5.372	5.557	6.275	5.913	22225	USP5	NM_013700_6_-1
Ugt1a3	-4.981	-4.981	-1.748	-0.462	-3.340	-2.915	-1.715	-2.778	-0.160	0.217	22236	UGT1A3	NM_013701_1_+1
Zfp30	-4.981	-0.445	-4.110	-1.230	-3.748	-1.511	-4.687	-0.721	-2.953	0.234	22693	ZFP30	NM_013705_7_+1
Cd52	10.136	8.663	11.654	11.354	11.106	10.894	11.422	10.792	10.416	9.532	23833	NA	NM_013706_4_-1
Sh3yl1	0.394	-1.084	-3.213	-2.327	-2.259	-1.021	-1.953	-0.574	0.436	-0.001	24057	SH3YL1	NM_013709_12_+1
Fgd2	6.286	6.206	8.665	8.682	7.342	7.362	7.210	7.527	5.888	6.444	26382	FGD2	NM_013710_17_+1
Txnrd2	4.125	3.929	4.079	4.308	3.944	4.495	4.283	4.750	4.474	4.618	26462	TXNRD2	NM_013711_16_+1
Itgb1bp2	-1.709	-2.997	-1.083	-2.563	-3.611	-4.551	-3.504	-3.915	-4.981	-4.981	26549	ITGB1BP2	NM_013712_X_+1
Cops5	6.534	6.452	6.721	6.742	6.187	6.099	6.152	6.126	5.678	5.568	26754	COP5	NM_013715_1_-1
G3bp1	7.271	7.146	8.090	8.307	8.262	8.035	7.936	7.788	6.761	6.925	27041	G3BP1	NM_013716_11_+1
B9d1	2.232	2.978	0.698	1.593	-1.181	1.020	-1.468	0.983	-3.531	-1.683	27078	B9D1	NM_013717_11_+1
Trappc3	6.849	6.875	6.104	6.152	6.112	6.092	5.901	5.850	5.750	5.654	27096	TRAPPC3	NM_013718_4_+1
Eif2ak4	2.985	3.399	5.023	5.216	4.729	5.202	4.356	4.494	3.234	3.929	27103	EIF2AK4	NM_013719_2_+1
Mga	3.371	3.722	4.757	3.719	4.153	4.578	4.218	4.342	4.343	4.617	29808	MGA	NM_013720_2_+1
Rpl7a	8.538	8.459	8.677	8.624	8.592	8.388	8.693	8.548	7.903	7.740	27176	RPL7A	NM_013721_2_+1
Syn3	-1.097	-1.322	-1.751	-0.292	-0.595	-1.069	-0.114	-1.479	-0.612	0.701	27204	SYN3	NM_013722_10_-1
Podxl	-4.981	-4.981	-4.976	-4.882	-4.173	-4.195	-4.931	-4.193	-3.925	-4.981	27205	NA	NM_013723_6_-1
Rps11	10.527	10.387	11.218	10.961	10.424	10.231	10.641	10.503	9.283	9.123	27207	RPS11	NM_013725_7_-1
Dbf4	4.757	3.946	3.859	3.719	4.444	4.013	4.310	3.088	2.769	2.285	27214	DBF4	NM_013726_5_-1
Azi2	5.289	5.737	5.027	4.903	4.712	4.958	5.455	5.174	5.580	5.827	27215	AZI2	NM_013727_9_+1
Slamf1	-2.647	-0.696	-1.613	-0.172	-0.210	1.040	-0.579	1.400	-0.879	-1.519	27218	SLAMF1	NM_013730_1_+1
Chaf1a	1.586	1.452	3.769	3.556	4.221	3.386	3.353	3.048	2.264	1.483	27221	CHAF1A	NM_013733_17_+1
Trp53bp1	3.861	3.183	1.762	3.282	2.969	4.079	3.226	3.770	2.106	3.060	27223	TP53BP1	NM_013735_2_-1
Tceb3	5.863	5.731	7.473	7.075	6.642	6.278	6.718	6.406	7.368	6.802	27224	TCEB3	NM_013736_4_-1
Pla2g7	3.814	1.233	6.339	6.113	7.577	8.387	8.776	9.221	9.981	10.514	27226	PLA2G7	NM_013737_17_+1
Plek2	-3.189	-3.408	-2.351	0.461	-3.518	-2.219	-3.243	-2.041	-4.981	-4.981	27260	PLEK2	NM_013738_12_-1
Dok3	1.008	-0.998	-0.098	1.601	1.852	3.132	5.670	6.298	8.247	7.888	27261	DOK3	NM_013739_13_-1
Cars	0.694	-4.245	0.976	2.363	0.722	0.330	1.119	1.595	1.984	1.299	27267	CARS	NM_013742_7_-1

Pdk4	-4.981	-4.981	-4.642	-4.461	-4.170	-4.347	-4.374	-4.477	-4.981	-4.981	27273	PDK4	NM_013743_6_-1
Nufip1	5.425	5.254	5.587	5.563	5.243	5.116	5.269	4.848	4.754	4.600	27275	NUFIP1	NM_013745_14_+1
Plekhh1	-4.650	-4.837	-4.968	-4.979	-4.979	-4.981	-4.981	-4.981	-4.960	-4.976	27276	PLEKHH1	NM_013746_7_-1
Golga5	1.857	2.145	4.138	3.454	3.698	3.631	3.764	3.762	4.971	5.012	27277	GOLGA5	NM_013747_12_+1
Clnk	0.088	-4.981	4.960	4.440	-4.642	-1.071	-1.984	-0.115	-4.981	-4.227	27278	CLNK	NM_013748_5_-1
Tnfrsf12a	2.174	3.099	1.940	1.791	2.096	2.140	3.205	2.961	2.997	2.735	27279	TNFRSF12A	NM_013749_17_-1
Phlda3	-0.831	0.646	0.632	1.035	1.285	1.166	2.190	2.415	1.242	1.008	27280	PHLDA3	NM_013750_1_+1
Nbn	4.592	4.979	4.770	4.823	5.372	5.260	5.273	4.978	4.453	4.513	27354	NBN	NM_013752_4_+1
Pald1	-1.718	-3.408	-4.165	-2.623	0.024	0.496	1.160	1.096	-1.119	-2.488	27355	PALD1	NM_013753_10_-1
Insl6	2.515	1.643	2.365	3.103	2.668	2.970	2.360	2.330	-1.028	-0.598	27356	INSL6	NM_013754_19_-1
Gyg	5.021	4.975	5.905	5.904	5.439	5.046	5.912	5.890	7.324	7.251	27357	GYG1	NM_013755_3_-1
Sytl4	-4.928	-4.981	-4.974	-3.410	-4.018	-4.917	-4.975	-4.208	-0.768	-1.364	27359	SYTL4	NM_013757_X_-1
Add3	2.632	2.503	4.565	6.259	5.432	5.117	5.090	3.993	4.420	1.910	27360	ADD3	NM_013758_19_+1
Msrb1	2.327	1.856	2.968	3.151	2.598	3.240	5.326	5.599	7.732	7.714	27361	MSRB1	NM_013759_17_+1
Dnajb9	5.654	5.674	4.995	4.871	4.502	4.752	4.811	4.957	4.514	5.413	27362	DNAJB9	NM_013760_12_-1
Srr	3.748	3.316	1.636	2.302	1.449	2.264	1.951	2.420	2.596	2.687	27364	SRR	NM_013761_11_-1
Rpl3	10.007	9.547	10.455	10.066	10.074	9.524	10.063	9.783	9.342	9.136	27367	RPL3	NM_013762_15_-1
Tbl2	3.037	2.862	3.122	3.083	3.083	2.792	3.032	3.395	3.781	3.878	27368	TBL2	NM_013763_5_+1
Dguok	6.536	6.621	5.617	5.451	6.065	5.965	6.150	5.587	5.210	4.805	27369	DGUOK	NM_013764_6_-1
Rps26	7.732	7.569	8.698	8.539	8.046	8.037	8.314	8.212	7.089	6.957	27370	RPS26	NM_013765_10_-1
Csnk1e	4.284	4.083	4.433	4.441	4.707	5.461	4.995	4.799	5.667	5.167	27373	CSNK1E	NM_013767_15_-1
Prmt5	4.481	4.639	4.312	4.662	4.266	4.503	4.216	4.570	3.577	3.845	27374	PRMT5	NM_013768_14_-1
Tjp3	-0.696	-4.177	0.585	1.714	1.508	1.609	-0.034	-2.180	-0.306	-4.611	27375	TJP3	NM_013769_10_-1
Slc25a10	3.472	2.823	5.430	5.991	4.922	4.740	5.232	4.953	3.962	3.574	27376	SLC25A10	NM_013770_11_+1
Yme11	5.234	5.409	5.739	5.641	5.602	5.535	5.478	5.517	5.179	5.664	27377	YME11	NM_013771_2_+1
Akr1c12	0.450	0.411	-0.622	-0.463	-1.824	-3.417	-0.917	-1.756	-2.260	-0.866	622402	NA	NM_013777_13_-1
Akr1c13	3.544	3.931	2.086	3.258	2.120	2.121	3.258	3.510	3.972	4.427	27384	NA	NM_013778_13_+1
Sh2d3c	5.812	5.923	5.895	5.908	6.335	6.429	6.061	5.951	6.575	6.133	27387	SH2D3C	NM_013781_2_+1
Ptdss2	3.691	3.991	3.198	3.757	3.924	4.269	3.471	4.185	3.423	3.700	27388	PTDSS2	NM_013782_7_+1
Mmel1	-2.948	-1.523	-4.986	-2.268	-4.974	-4.086	-4.848	-1.584	-4.981	-0.973	27390	MMEL1	NM_013783_4_+1
Pign	3.346	3.082	4.483	4.001	3.556	3.530	3.780	3.610	3.845	4.014	27392	PIGN	NM_013784_1_-1
Ip6k1	5.287	5.469	5.521	5.451	5.997	6.076	6.043	6.284	7.114	7.147	27399	IP6K1	NM_013785_9_+1
Skp2	1.333	1.520	1.724	2.435	2.745	2.330	1.723	2.791	2.334	2.699	27401	SKP2	NM_013787_15_-1
Peg12	-1.511	-0.190	-1.553	-0.590	-0.979	0.127	-1.562	-1.239	-2.329	-1.126	27412	NA	NM_013788_7_-1
Sergef	4.330	4.630	3.726	3.569	3.538	3.525	3.649	3.550	3.717	3.535	27414	SERGEF	NM_013789_7_-1
Abcc5	1.395	1.699	1.602	2.474	2.407	2.485	3.511	4.011	5.977	6.089	27416	ABCC5	NM_013790_16_-1
Mkln1	5.465	5.568	5.812	5.845	6.122	5.985	6.090	6.068	6.317	6.605	27418	MKLN1	NM_013791_6_+1
Naglu	4.596	4.806	4.571	4.927	3.778	4.015	4.081	4.464	4.950	4.790	27419	NAGLU	NM_013792_11_+1
Klra15	-4.981	-1.168	-4.281	-4.606	-4.924	-4.227	-4.950	-4.928	-4.981	-4.981	27423	NA	NM_013793_6_-1
Atp5l	8.461	8.363	8.499	8.315	8.393	8.389	8.673	8.318	7.723	7.548	27425	ATP5L	NM_013795_9_-1
Nagpa	5.554	5.223	5.382	5.386	5.826	5.703	5.940	5.850	6.248	5.794	27426	NAGPA	NM_013796_16_-1
Ate1	4.353	4.001	3.995	4.188	4.442	4.658	4.146	3.950	3.891	3.999	11907	ATE1	NM_013799_7_-1
Barx2	-4.981	-4.981	-3.099	-2.836	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	12023	BARX2	NM_013800_9_-1
Casr	-4.981	-4.981	-0.364	-0.319	-2.068	-3.498	-3.856	-4.067	-4.981	-4.981	12374	CASR	NM_013803_16_-1
Cldn5	-0.923	-2.583	-3.860	-2.109	-3.708	-1.745	-4.922	-0.395	-1.533	-2.580	12741	CLDN5	NM_013805_16_+1
Abcc2	-2.573	-4.981	-1.973	-4.444	-3.368	-4.559	-2.377	-4.947	-0.164	-4.981	12780	ABCC2	NM_013806_19_+1
Plk3	1.531	1.444	3.022	3.408	4.687	5.092	4.402	3.896	3.130	3.169	12795	PLK3	NM_013807_4_-1
Csrp3	-4.981	-4.981	-4.932	-4.551	-4.853	-4.928	-3.753	-4.774	-4.981	-4.981	13009	CSR3	NM_013808_7_-1
Dbnl	6.625	6.891	6.982	7.501	6.728	7.150	6.309	6.465	6.733	6.433	13169	DBNL	NM_013810_11_+1
Dnah8	0.581	1.817	-3.242	-0.508	-0.641	0.743	-1.099	0.961	-0.713	2.156	13417	DNAH8	NM_013811_17_+1
Cdk2ap1	7.388	7.099	7.070	7.070	7.332	7.076	7.074	7.032	6.658	6.497	13445	CDK2AP1	NM_013812_5_-1
Epb4l13	0.434	-0.629	1.349	0.873	2.550	1.417	2.235	2.385	0.233	0.117	13823	EPB4L13	NM_013813_17_+1
Galnt1	2.867	2.014	1.395	2.479	2.264	3.473	2.127	0.641	2.404	2.082	14423	GALNT1	NM_013814_18_+1
Baz1a	6.736	6.644	8.118	7.721	8.241	7.869	7.444	7.059	6.508	6.537	217578	BAZ1A	NM_013815_12_-1
Gtpbp1	4.960	4.578	5.776	5.506	6.506	5.675	5.854	4.813	5.673	4.784	14904	GTPBP1	NM_013818_15_+1
H2-M3	8.492	8.179	7.475	7.476	7.905	8.022	7.473	7.432	6.301	5.739	14991	HLA-G	NM_013819_17_+1
Hk2	2.177	0.958	5.415	4.892	6.066	5.667	6.554	5.832	6.037	5.558	15277	HK2	NM_013820_6_-1
Jag1	-0.711	-0.982	2.451	3.158	4.150	4.766	1.595	2.537	-0.589	2.856	16449	JAG1	NM_013822_2_-1
Kl	-4.981	-4.981	-4.550	-4.793	-3.330	-2.431	-4.954	-2.944	-4.981	-4.981	16591	KL	NM_013823_5_+1
Ly75	-1.221	-2.583	6.526	6.377	3.518	3.821	2.170	2.758	1.117	1.278	17076	LY75	NM_013825_2_-1
Mocs2	6.004	6.271	4.270	4.362	4.488	4.546	4.566	4.567	4.242	4.394	17434	MOC2	NM_013826_13_+1
Mtf2	4.553	4.283	4.099	4.037	4.295	4.185	4.440	4.383	3.588	3.714	17765	MTF2	NM_013827_5_+1
Plcb4	1.786	1.849	4.522	4.459	1.063	1.133	0.605	1.108	-0.590	0.079	18798	PLCB4	NM_013829_2_+1
Prpf4b	6.359	6.382	6.634	6.339	6.601	6.777	6.857	6.666	5.925	6.300	19134	PRPF4B	NM_013830_13_+1
Pstpip2	0.586	0.286	4.700	5.178	4.543	4.119	4.936	5.126	7.128	7.149	19201	PSTPIP2	NM_013831_18_+1
Rasal1	-0.089	-4.981	0.002	0.634	2.602	2.961	-0.017	0.571	-4.981	-4.981	19415	RASAL1	NM_013832_5_+1
Sfrp1	-3.189	-4.981	-4.971	-4.971	-4.981	-4.981	-4.963	-4.949	-4.394	-4.981	20377	SFRP1	NM_013834_8_+1
Trove2	2.705	3.316	2.260	2.451	2.233	2.517	1.883	2.812	2.567	3.052	20822	TROVE2	NM_013835_1_-1
Tcf20	3.374	2.947	3.331	3.375	3.914	4.191	3.641	3.273	3.448	3.450	21411	TCF20	NM_013836_15_-1
Tpst1	0.852	0.313	3.109	3.032	1.353	2.244	2.898	3.065	2.632	2.670	22021	TPST1	NM_013837_5_+1
Nr1h3	0.940	-4.182	-0.884	0.615	0.349	-0.142	2.855	3.680	0.909	1.783	22259	NR1H3	NM_013839_2_-1
Uxt	6.090	5.863	5.019	4.903	4.847	4.822	5.049	4.636	3.836	3.526	22294	UXT	NM_013840_X_-1
Vps45	5.097	4.875	4.599	4.702	4.480	4.377	4.141	4.407	4.128	4.462	22365	VPS45	NM_013841_3_-1
Xbp1	9.371	9.466	7.088	7.370	6.657	6.932	7.295	8.516	8.504	8.992	22433	XBP1	NM_013842_11_+1

Zfp53	5.100	4.354	4.872	4.283	5.117	4.886	5.526	5.264	4.553	4.793	24132	NA	NM_013843_17_+_1
Zfp68	5.200	4.776	4.729	3.981	4.927	4.442	4.773	4.334	4.119	4.701	24135	NA	NM_013844_5_-_1
Ror1	-1.987	-2.349	-0.949	-2.586	-0.509	-1.901	-1.992	-3.860	-4.981	-4.981	26563	ROR1	NM_013845_4_+_1
Gcat	3.350	3.217	3.819	3.773	2.752	2.446	2.667	2.582	-0.105	1.148	26912	GCAT	NM_013847_15_+_1
Ermap	0.644	1.739	-0.642	3.045	0.134	3.447	0.728	3.701	-1.178	1.797	27028	ERMAP	NM_013848_4_-_1
Abca7	4.535	4.357	4.979	4.759	5.722	5.406	6.133	5.955	7.520	7.515	27403	ABCA7	NM_013850_10_+_1
Abca8b	-2.501	0.162	-4.967	-3.691	-1.185	-1.422	-1.696	-3.024	0.381	-3.855	27404	ABCA8	NM_013851_11_-_1
Abcf3	4.861	5.169	4.908	5.065	5.338	5.489	5.168	5.278	5.328	5.431	27406	ABCF3	NM_013852_16_+_1
Abcf2	4.803	5.310	5.444	5.901	5.701	5.803	5.443	5.499	5.490	5.285	27407	ABCF2	NM_013853_5_-_1
Abcf1	6.285	6.243	5.980	6.082	6.081	6.089	6.410	6.293	6.146	5.902	224742	ABCF1	NM_013854_17_-_1
Abca3	3.594	3.665	5.494	6.054	5.190	5.139	5.236	5.094	6.055	6.146	27410	ABCA3	NM_013855_17_+_1
Znhit2	6.181	5.958	4.834	4.825	4.437	4.471	4.360	4.267	4.450	3.984	29805	ZNHIT2	NM_013859_19_+_1
Limd1	6.345	6.555	7.215	6.973	7.187	6.958	7.066	7.005	7.622	7.637	29806	LIMD1	NM_013860_9_+_1
Tpk1	4.253	4.298	4.884	5.032	4.030	4.226	3.438	3.553	2.670	2.482	29807	TPK1	NM_013861_6_-_1
Rabgap11	8.512	8.907	6.251	6.403	4.619	4.732	4.171	4.425	3.340	3.506	29809	RABGAP11	NM_013862_1_-_1
Bag3	0.700	0.706	2.815	2.986	2.768	2.220	3.944	3.079	5.071	4.007	29810	BAG3	NM_013863_7_+_1
Ndrgr2	-4.275	-3.842	-3.967	-3.455	-4.523	-4.830	-2.145	-1.835	-4.449	-0.788	29811	NDRG2	NM_013864_14_-_1
Ndrgr3	5.065	5.331	5.495	5.800	5.075	5.543	5.004	5.351	5.305	5.511	29812	NDRG3	NM_013865_2_-_1
Zfp385a	3.422	3.420	5.192	4.849	4.879	4.775	4.902	4.770	5.109	5.372	29813	ZNF385A	NM_013866_15_-_1
Bcar3	1.943	3.223	-1.791	0.937	-1.017	1.842	0.153	3.633	-1.806	-0.848	29815	BCAR3	NM_013867_3_+_1
Tnfrsf19	-4.981	-4.981	-4.981	-4.981	-4.941	-4.485	-4.977	-3.936	-4.981	-4.981	29820	TNFRSF19	NM_013869_14_-_1
Smtn	1.779	2.594	0.333	0.753	0.244	-1.093	0.168	-0.209	2.947	1.916	29856	SMTN	NM_013870_11_-_1
Mapk12	-2.483	-2.587	-3.156	-3.670	1.845	2.186	-0.105	-1.252	-3.373	-3.853	29857	MAPK12	NM_013871_15_-_1
Pmm1	3.782	2.874	2.313	1.531	2.835	2.242	2.531	2.523	2.759	1.952	29858	PMM1	NM_013872_15_-_1
Sult4a1	-4.981	-4.981	-2.815	-1.664	-2.557	-0.638	-2.257	-3.291	-4.981	-4.981	29859	SULT4A1	NM_013873_15_-_1
Dpf1	-4.981	-4.981	-3.350	-2.875	-3.017	-3.296	-4.976	-4.803	-4.981	-4.981	29861	DPF1	NM_013874_7_+_1
Pde7b	-1.611	-1.620	-2.200	-1.878	-1.379	-0.666	-0.126	-0.024	2.251	1.418	29863	PDE7B	NM_013875_10_-_1
Rnf11	5.573	5.972	5.687	5.946	5.344	5.558	5.214	5.263	5.173	5.712	29864	RNF11	NM_013876_4_-_1
Plcl2	3.513	3.655	4.727	5.311	5.561	5.431	5.345	5.163	6.354	6.402	224860	PLCL2	NM_013880_17_+_1
Ulk2	5.029	4.727	4.620	4.211	4.746	4.728	4.756	4.478	5.039	5.555	29869	ULK2	NM_013881_11_-_1
Gtse1	-1.596	-2.797	0.267	0.446	0.832	0.468	-0.234	-0.362	0.446	-2.256	29870	GTSE1	NM_013882_15_+_1
Scmh1	2.884	3.417	3.804	4.393	3.556	4.170	3.254	3.726	4.016	4.341	29871	SCMH1	NM_013883_4_+_1
Cspg5	-2.552	-0.270	-4.839	-3.280	-3.820	-3.559	-4.148	-3.870	-4.981	-4.981	29873	CSPG5	NM_013884_9_+_1
Clic4	6.685	6.609	8.379	8.506	7.894	8.007	7.687	7.420	5.918	5.928	29876	CLIC4	NM_013885_4_-_1
Hdgfrp3	-0.265	-1.316	2.868	2.218	2.018	2.425	2.821	2.749	3.678	4.076	29877	HDGFRP3	NM_013886_7_-_1
Dnajc12	0.827	1.527	1.247	1.683	1.491	2.460	1.838	1.677	1.107	1.943	30045	DNAJC12	NM_013888_10_+_1
Zfp292	5.204	5.563	5.542	5.217	5.753	5.747	5.412	5.496	5.074	5.331	30046	ZNF292	NM_013889_4_-_1
Fbxw2	4.894	4.513	4.385	4.677	4.387	4.066	4.797	5.141	5.562	5.393	30050	FBXW2	NM_013890_2_-_1
Timm13	7.368	7.279	6.524	6.468	6.499	6.654	6.709	6.594	5.710	5.664	30055	TIMM13	NM_013895_10_-_1
Timm9	2.178	2.283	0.608	0.826	0.543	1.554	1.193	1.339	0.665	0.306	30056	TIMM9	NM_013896_12_-_1
Timm8b	6.396	6.303	6.020	6.083	5.842	5.920	6.163	6.004	5.128	4.940	30057	TIMM8B	NM_013897_9_+_1
Timm8a1	4.218	4.576	4.197	4.458	4.057	4.154	4.292	4.415	2.925	2.745	30058	TIMM8A	NM_013898_X_-_1
Timm10	5.779	5.333	4.793	4.565	4.697	4.645	4.885	4.507	3.540	3.076	30059	TIMM10	NM_013899_2_+_1
Slc39a1	3.312	3.119	3.131	2.911	2.701	2.792	2.973	2.678	2.685	3.089	30791	SLC39A1	NM_013901_3_+_1
Fkbp3	7.328	7.171	6.356	6.353	6.729	6.446	6.541	6.248	4.857	4.696	30795	FKBP3	NM_013902_12_-_1
Mmp20	-4.981	-4.981	-3.872	-2.838	-3.892	-3.941	-4.977	-4.974	-4.981	-4.981	30800	MMMP20	NM_013903_9_+_1
Hey2	-4.981	-4.981	-4.041	-4.881	-4.934	-4.934	-4.125	-4.664	-4.190	-4.981	15214	HEY2	NM_013904_10_-_1
Adamts8	-4.981	-4.981	-3.892	-4.913	-4.011	-4.994	-4.966	-4.936	-3.750	-4.981	30806	ADAMTS8	NM_013906_9_+_1
Fbxw4	5.327	5.189	2.685	2.593	3.693	3.809	3.765	3.776	4.744	4.989	30838	FBXW4	NM_013907_19_-_1
Fbxw5	4.768	4.424	5.052	4.828	5.446	5.261	5.410	5.143	6.243	5.731	30839	FBXW5	NM_013908_2_+_1
Fbxl6	5.373	5.350	5.206	5.129	5.218	5.240	5.161	5.109	5.289	4.994	30840	FBXL6	NM_013909_15_-_1
Kdm2b	3.937	4.245	4.542	4.417	4.433	4.178	4.478	4.122	4.675	4.462	30841	KDM2B	NM_013910_5_-_1
Fbxl12	0.540	1.035	0.572	0.539	0.262	1.063	-0.275	0.149	1.539	2.032	30843	FBXL12	NM_013911_9_-_1
Apln	-4.981	-1.423	-2.041	-2.232	-2.043	-3.103	-2.790	-2.781	-1.350	-2.609	30878	APLN	NM_013912_X_-_1
Angptl3	2.043	2.260	-3.489	-3.900	-2.942	-2.279	-2.104	-1.726	-3.351	-2.031	30924	ANGPTL3	NM_013913_4_+_1
Snai3	2.026	1.478	-4.978	-2.954	-1.967	-2.019	-3.748	-4.160	-3.750	-4.981	30927	SNAI3	NM_013914_8_-_1
Zbtb18	-0.878	-0.562	-1.953	-2.512	0.664	0.648	-0.303	-1.727	0.421	1.025	30928	ZBTB18	NM_013915_1_+_1
Pttg1	3.466	1.508	2.990	0.124	3.382	1.295	3.144	1.193	2.734	0.145	30939	PTTG1	NM_013917_11_-_1
Usp25	5.966	5.890	6.274	6.142	6.392	6.157	6.468	6.395	7.584	7.409	30940	USP25	NM_013918_16_+_1
Usp21	4.946	5.538	4.897	5.604	5.060	5.779	5.135	5.987	5.228	6.159	30941	USP21	NM_013919_1_-_1
Prss30	6.631	6.244	5.857	5.256	6.597	5.972	5.354	4.305	-0.989	0.194	30943	NA	NM_013921_17_-_1
Zfp354c	-0.024	-0.175	-0.980	-1.940	-1.702	-0.611	-3.265	-2.289	-1.312	-0.782	30944	ZNF354C	NM_013922_11_-_1
Rnf19a	3.698	4.134	4.493	4.289	3.730	3.879	4.056	4.075	4.479	4.759	30945	RNF19A	NM_013923_15_-_1
Abt1	5.765	5.452	4.768	5.036	5.111	5.199	4.624	4.904	4.545	4.354	30946	ABT1	NM_013924_13_-_1
Adat1	2.541	1.897	1.301	1.098	1.867	1.851	1.693	1.785	1.538	1.209	30947	ADAT1	NM_013925_8_-_1
Cbx8	3.224	2.933	3.078	3.150	3.317	3.619	2.967	3.075	3.502	3.578	30951	CBX8	NM_013926_11_-_1
Schip1	-4.981	-4.490	-4.834	-0.823	-4.954	-4.954	-4.973	-4.969	-4.584	-4.911	30953	SCHIP1	NM_013928_3_+_1
Siva1	5.907	5.256	5.023	4.949	5.092	5.019	5.789	5.772	5.925	5.221	30954	SIVA1	NM_013929_12_+_1
Mapk8ip3	1.255	1.753	1.387	1.843	1.131	1.955	2.729	0.996	1.980	2.514	30957	MAPK8IP3	NM_013931_17_-_1
Ddx25	-0.417	-4.981	-3.207	-4.973	-2.574	-4.350	-2.640	-2.915	-4.981	-4.981	30959	DDX25	NM_013932_9_-_1
Vapa	7.523	7.744	7.370	7.220	7.313	7.104	7.317	7.287	7.717	7.566	30960	VAPA	NM_013933_17_-_1
Hacd1	-2.309	-4.981	-4.907	-4.974	-4.961	-4.961	-2.761	-3.414	-4.963	-2.657	30963	HACD1	NM_013935_2_-_1
Cacna1s	4.226	1.989	5.563	5.556	4.807	4.851	2.810	2.877	-4.072	-3.480	12292	CACNA1S	NM_014193_1_+_1
Klra7	-0.877	-1.043	-1.124	-1.301	-4.865	-3.527	-0.940	-1.203	-2.263	-4.981	16638	NA	NM_014194_6_-_1

Slc33a1	5.187	4.964	5.782	5.318	4.037	3.558	3.953	4.207	4.725	4.956	11416	SLC33A1	NM_015728_3_-1
Acox1	3.935	3.813	4.468	4.342	3.859	4.172	3.918	4.002	4.411	4.630	11430	ACOX1	NM_015729_11_-1
Atp9a	-3.231	1.972	-3.785	-4.582	-4.273	-0.253	-3.726	-2.577	-4.300	-4.330	11981	ATP9A	NM_015731_2_-1
Axin2	-4.981	-4.981	-3.697	-3.049	-1.938	-1.500	-2.850	-2.064	-4.981	-3.853	12006	AXIN2	NM_015732_11_+1
Casp9	3.362	3.854	5.318	5.326	4.421	4.625	4.829	5.120	5.664	6.063	12371	CASP9	NM_015733_4_+1
Col5a1	-1.031	-1.409	-4.537	0.251	-1.895	0.206	-2.690	1.160	0.041	-1.667	12831	COL5A1	NM_015734_2_+1
Ddb1	4.897	4.759	6.066	6.194	5.948	5.822	5.745	6.147	6.618	6.923	13194	DDB1	NM_015735_19_+1
Galnt3	0.192	-0.237	0.325	1.696	0.248	-0.134	0.581	1.818	0.588	1.499	14425	GALNT3	NM_015736_2_-1
Galnt4	2.290	2.676	2.473	2.329	2.785	2.513	2.949	3.190	4.284	4.650	14426	GALNT4	NM_015737_10_+1
Gbx1	-4.981	-4.981	-4.981	-4.981	-2.474	-4.595	-4.310	-4.789	-4.981	-4.981	231044	GBX1	NM_015739_5_-1
Bloc1s1	7.623	7.408	6.472	6.459	6.464	6.599	6.792	6.451	6.279	6.017	14533	BLOC1S1	NM_015740_10_-1
Myo9b	4.061	4.769	5.524	5.471	6.655	6.550	5.985	5.682	5.912	5.890	17925	MYO9B	NM_015742_8_+1
Nr4a3	2.416	3.657	4.697	4.373	5.406	5.705	3.828	2.607	-0.741	-1.027	18124	NR4A3	NM_015743_4_+1
Enpp2	-0.563	-1.378	-2.008	0.328	1.294	1.724	-1.009	-0.016	-2.893	-1.298	18606	ENPP2	NM_015744_15_-1
Slc20a1	3.754	3.625	4.636	4.554	5.014	4.658	4.942	4.667	4.415	4.334	20515	SLC20A1	NM_015747_2_+1
Slit1	-1.635	-4.981	-4.670	-4.753	-4.467	-4.928	-4.303	-4.813	-2.194	-4.981	20562	SLIT1	NM_015748_19_-1
Tcn2	5.277	5.100	3.267	3.436	2.995	3.715	3.714	5.189	6.384	6.609	21452	TCN2	NM_015749_11_-1
Abce1	5.385	5.723	6.292	6.499	6.181	6.215	6.178	6.470	5.828	6.109	24015	ABCE1	NM_015751_8_-1
Sufu	2.017	1.275	1.518	1.097	1.773	0.698	2.341	1.805	3.217	2.924	24069	SUFU	NM_015752_19_+1
Zeb2	6.306	6.564	3.489	2.881	5.531	5.470	6.861	7.358	8.202	8.685	24136	ZEB2	NM_015753_2_-1
Rbbp9	3.785	3.476	1.709	1.903	2.280	2.118	2.791	3.000	3.629	3.751	26450	RBBP9	NM_015754_2_-1
Hunk	-3.090	-2.600	-4.011	-1.700	-3.600	-3.169	-2.948	0.094	-1.971	1.668	26559	HUNK	NM_015755_16_+1
Shroom3	-4.447	-4.981	-4.644	-4.898	-4.942	-4.980	-4.970	-4.980	-4.783	-4.981	27428	SHROOM3	NM_015756_5_+1
Fgd3	2.793	2.944	4.461	4.454	4.621	4.642	3.915	4.071	4.351	4.261	30938	FGD3	NM_015759_13_-1
Txnrd1	-1.541	-0.964	1.694	1.310	0.786	1.273	2.726	1.865	3.171	2.609	50493	TXNRD1	NM_015762_10_+1
Lpin1	3.479	2.579	3.453	1.858	2.967	0.574	3.112	0.728	3.675	0.976	14245	LPIN1	NM_015763_12_-1
Hspa14	5.537	5.948	5.801	6.062	6.087	6.050	5.805	5.858	5.323	5.310	50497	HSPA14	NM_015765_2_-1
Ebi3	5.894	5.149	6.209	6.586	6.342	5.914	6.305	5.761	5.986	5.221	50498	EBI3	NM_015766_17_+1
Ttpa	-4.981	-4.981	-4.978	-4.978	-4.441	-4.984	-3.611	-4.994	-2.521	-1.365	50500	TTPA	NM_015767_4_+1
Erc4	4.024	3.941	4.454	4.209	4.460	4.629	4.298	4.293	4.772	4.549	50505	ERCC4	NM_015769_16_+1
a	-2.739	-1.736	-4.378	-4.669	-4.511	-4.904	-4.528	-3.182	-4.981	-4.316	50518	ASIP	NM_015770_2_+1
Lats2	4.474	4.913	4.424	4.277	3.861	3.142	5.170	4.944	6.753	6.739	50523	LATS2	NM_015771_14_-1
Sall2	-4.496	-4.259	-4.534	-4.760	-4.789	-4.914	-4.453	-4.868	-4.508	-4.789	50524	SALL2	NM_015772_14_-1
Ero1a	4.417	4.796	5.896	5.926	4.980	5.096	5.120	5.446	5.830	5.923	50527	ERO1A	NM_015774_14_-1
Tmprss2	-4.981	-4.981	-3.446	-4.888	-4.490	-4.904	-4.745	-4.101	-2.450	-4.342	50528	TMPRSS2	NM_015771_16_-1
Elane	-2.164	-4.981	-4.952	-2.905	-4.704	4.912	-4.412	5.155	6.126	-0.045	50701	ELANE	NM_015779_10_+1
Nap11l	6.040	6.231	7.143	7.173	7.207	7.478	6.945	6.724	5.821	5.580	53605	NAP11L	NM_015781_10_+1
Snrpa	5.451	5.339	5.387	5.665	5.355	5.133	4.891	4.841	4.504	4.411	53607	NA	NM_015782_7_-1
Isg15	5.048	4.560	4.710	3.894	6.368	5.611	5.904	4.901	5.098	4.350	100038882	ISG15	NM_015783_4_-1
Postn	-4.007	-4.786	-4.824	-2.057	-4.940	-1.983	-3.316	-4.702	-4.981	-4.791	50706	POSTN	NM_015784_3_+1
Zpbp	1.605	1.804	1.764	1.662	1.826	1.351	1.296	0.863	-0.596	0.243	53604	ZBPB	NM_015785_11_-1
Hist1h1c	4.015	4.892	4.689	5.102	4.777	5.342	4.856	5.019	4.679	4.782	50708	HIST1H1C	NM_015786_13_+1
Hist1h1e	3.779	4.289	4.245	4.493	5.504	5.397	4.682	4.598	4.394	4.010	50709	NA	NM_015787_13_-1
Dkk1	3.502	3.433	2.458	2.840	1.614	2.180	1.448	2.360	0.324	0.118	50722	DKK1	NM_015789_7_-1
Icosl	3.549	3.302	6.254	6.196	7.520	6.989	6.593	5.789	4.078	4.547	50723	ICOSLG LOC10272	NM_015790_10_+1
Fbxo8	5.873	5.727	4.195	4.478	4.650	4.756	4.393	4.181	4.075	3.989	50753	FBXO8	NM_015791_8_+1
Fbxo18	4.689	4.350	5.388	4.962	5.023	4.550	5.163	4.876	6.433	6.007	50755	FBXO18	NM_015792_2_-1
Fbxl17	4.575	4.711	4.872	5.001	4.856	4.864	4.646	4.684	4.835	4.731	50758	FBXL17	NM_015794_17_-1
Fbxo17	4.145	4.559	0.628	0.548	-2.091	-1.907	-1.506	-0.381	-1.321	0.315	50760	FBXO17	NM_015796_7_+1
Fbxo6	0.472	-2.290	1.115	0.251	0.219	-0.663	0.675	-0.554	1.150	-0.754	50762	FBXO6	NM_015797_4_-1
Tfr2	-4.981	-4.981	-4.875	-4.086	-4.619	-4.781	-4.665	-4.387	-4.764	-4.169	50765	TFR2	NM_015799_5_+1
Crim1	-1.364	-1.083	1.948	0.548	-1.124	-0.884	0.120	1.623	0.787	0.697	50766	CRIM1	NM_015800_17_+1
Pnp1a6	2.806	2.005	2.407	1.468	1.914	2.058	2.021	1.485	2.312	2.222	50767	PNPLA6	NM_015801_8_+1
Atp8a2	-4.981	-4.981	-4.967	-2.942	-4.326	-2.824	-1.275	-1.871	-0.304	-2.750	50769	ATP8A2	NM_015803_14_-1
Atp11a	2.410	1.880	3.591	3.894	3.174	3.785	2.489	1.994	1.758	3.086	50770	ATP11A	NM_015804_8_+1
Atp9b	4.398	4.426	4.813	4.923	4.812	4.928	4.854	4.835	5.417	5.457	50771	ATP9B	NM_015805_18_-1
Mapk6	4.046	3.859	4.337	4.193	4.521	4.420	3.880	3.874	5.126	5.273	50772	MAPK6	NM_015806_9_-1
Nt5c	7.074	7.119	6.931	6.963	6.515	6.480	6.578	6.558	6.277	6.149	50773	NT5C	NM_015807_11_-1
Polg2	2.531	2.178	1.662	2.180	2.254	2.204	1.965	2.030	2.370	1.825	50776	POLG2	NM_015810_11_-1
Rgs1	9.135	9.205	9.176	8.953	11.564	11.749	9.961	9.294	3.752	3.614	50778	RGS1	NM_015811_1_-1
Dkk3	-1.805	-4.981	6.437	4.375	-3.748	-2.582	-1.780	-2.362	-2.065	-4.316	50781	DKK3	NM_015814_7_-1
Lsm4	7.681	7.463	7.323	7.291	6.936	7.007	7.108	7.003	6.152	5.782	50783	LSM4	NM_015816_8_+1
Plpp2	0.721	1.756	3.073	3.682	-0.156	0.032	3.064	3.672	4.237	3.896	50784	PLPP2	NM_015817_10_-1
Hs6st1	3.276	3.188	4.707	4.755	4.656	4.437	4.644	4.824	5.586	5.429	50785	HS6ST1	NM_015818_1_+1
Hs6st2	-4.981	-4.981	-3.531	-3.564	-2.463	-3.017	-4.981	-4.861	-4.981	-4.981	50786	HS6ST2	NM_015819_X_-1
Fbxl8	3.795	3.476	2.507	2.131	2.308	2.050	2.447	1.912	3.443	2.601	50788	FBXL8	NM_015821_8_+1
Fbxl3	4.879	5.043	4.925	4.735	4.873	4.867	5.182	5.027	5.573	5.808	50789	FBXL3	NM_015822_14_-1
Magi2	-0.002	-0.705	-3.246	-3.377	-2.285	-2.335	-2.216	-2.165	-1.622	-1.360	50791	MAGI2	NM_015823_5_+1
Orc3	4.581	4.815	5.146	4.937	4.876	4.898	4.785	4.978	4.701	4.706	50793	ORC3	NM_015824_4_-1
Sh3bgr	7.943	7.931	-0.892	-1.358	-4.995	-4.358	-3.874	-3.460	-3.351	-4.981	50795	NA	NM_015825_16_+1
Copb2	6.180	6.144	6.721	6.784	6.529	6.465	6.389	6.726	7.131	7.148	50797	COPB2	NM_015827_9_+1
Gne	5.092	3.563	2.304	1.048	1.543	1.652	1.589	0.590	2.017	1.706	50798	GNE	NM_015828_4_-1
Slc25a13	-1.299	0.653	2.727	2.882	1.429	1.304	0.384	1.058	1.780	2.170	50799	SLC25A13	NM_015829_6_-1
Capn15	1.200	1.033	3.491	3.483	2.377	1.906	2.666	2.203	3.631	3.452	50817	CAPN15	NM_015830_17_-1

Galt	5.754	6.416	5.014	5.945	4.739	5.390	4.694	5.448	4.682	5.224	14430	GALT	NM_016658_4_+1
Klra1	-0.356	4.000	-4.887	1.154	-2.932	-0.231	-2.269	0.307	-3.738	-4.981	16627	NA	NM_016659_6_-1
Hmga1	1.718	-0.547	1.480	1.433	1.634	1.530	1.385	1.656	0.747	1.526	15361	HMGA1	NM_016660_17_+1
Ahcy	3.879	-1.597	4.612	0.119	3.983	-1.355	3.953	-1.247	3.872	-0.605	269378	AHCY	NM_016661_2_-1
Mxd3	-0.914	0.218	2.160	1.828	3.449	2.820	2.468	1.108	0.406	-0.415	17121	MXD3	NM_016662_13_-1
Syt3	-4.981	-3.172	-3.231	-3.667	-4.608	-4.819	-4.825	-4.622	-2.968	-3.880	20981	SYT3	NM_016663_7_+1
Stra13	6.564	6.384	5.753	5.727	5.839	5.748	6.208	6.026	5.405	5.107	20892	CENPX	NM_016665_11_-1
Aip	3.768	3.149	3.471	3.793	1.653	1.648	2.819	2.139	3.646	3.058	11632	AIP	NM_016666_19_-1
Sntb1	1.914	2.104	-1.085	-1.998	-1.566	-1.633	-0.097	-0.165	3.367	2.450	20649	SNTB1	NM_016667_15_-1
Bhmt	-4.981	-4.981	-4.972	-4.972	-1.014	0.979	-4.841	-4.977	-4.981	-4.981	12116	BHMT	NM_016668_13_-1
Pknx1	2.863	0.773	2.445	1.868	4.381	4.261	3.832	3.282	4.948	4.325	18771	PKNOX1	NM_016670_17_+1
Il27ra	3.488	3.285	0.678	2.062	2.851	3.558	2.389	4.122	1.426	2.973	50931	IL27RA	NM_016671_8_-1
Ddc	2.004	1.451	-4.273	-3.228	-4.985	-4.156	-4.538	-1.479	-4.981	-4.981	13195	DDC	NM_016672_11_-1
Cldn1	-0.797	1.277	3.432	4.021	0.352	1.332	0.403	0.850	-0.591	-1.427	12737	CLDN1	NM_016674_16_-1
Rab10	7.509	7.586	8.353	8.531	7.333	7.517	7.508	7.659	7.562	7.828	19325	RAB10	NM_016676_12_-1
Hpcal1	5.891	5.574	5.507	4.896	5.397	4.672	5.960	5.389	7.010	6.202	53602	HPCAL1	NM_016677_12_+1
Reck	-0.189	0.886	-0.889	2.865	-0.886	0.548	-0.537	0.350	0.094	-1.254	53614	RECK	NM_016678_4_+1
Keap1	1.272	1.333	2.658	2.366	2.313	1.320	2.248	1.350	3.054	2.138	50868	KEAP1	NM_016679_9_-1
Clasrp	3.604	3.825	3.264	3.374	3.968	3.794	3.274	3.380	3.618	3.383	53609	NA	NM_016680_7_-1
Chek2	1.904	1.241	3.009	3.387	3.422	3.516	3.294	3.160	2.291	2.395	50883	CHEK2	NM_016681_5_+1
Uba2	6.351	6.461	6.007	6.696	6.631	6.710	6.519	6.695	6.682	6.889	50995	UBA2	NM_016682_7_-1
Zkscan5	0.935	0.016	1.160	1.107	0.869	-0.142	-0.125	-0.104	2.516	2.716	22757	ZKSCAN5	NM_016683_5_+1
Zscan12	2.972	2.576	2.586	2.313	2.608	2.146	3.021	1.568	2.672	2.339	22758	ZSCAN12	NM_016684_13_+1
Comp	-2.362	-1.814	-1.216	-1.725	-2.359	-2.622	-0.592	-1.615	1.153	0.130	12845	COMP	NM_016685_8_+1
Vezf1	4.781	4.904	5.459	5.443	5.112	5.171	5.199	5.371	5.786	5.805	22344	VEZF1	NM_016686_11_+1
Pcd7	4.245	4.271	4.478	4.390	4.650	4.571	4.560	4.351	4.592	4.603	50996	PDCD7	NM_016688_9_+1
Aqp3	0.383	-0.255	0.912	-0.391	-4.422	-1.773	-2.209	-0.549	-1.712	-4.981	11828	AQP3	NM_016689_4_-1
Hnrnpdl	7.454	7.235	6.832	6.696	7.546	7.341	7.234	6.812	6.472	6.124	50926	HNRNPDL	NM_016690_5_-1
Clcn5	0.375	-0.183	-2.771	-0.954	-2.874	-4.687	-2.524	-1.749	-0.709	0.429	12728	CLCN5	NM_016691_X_-1
Incenp	3.311	3.527	3.843	3.823	4.464	4.147	4.401	3.884	4.703	4.250	16319	INCENP	NM_016692_19_-1
Map3k6	-4.981	-2.437	-0.291	-2.557	-1.166	-2.206	0.598	-0.325	3.186	2.149	53608	MAP3K6	NM_016693_4_+1
Park2	-0.389	0.519	-2.162	-1.457	-3.279	-1.998	-4.573	-3.156	-1.100	-0.550	50873	PARK2	NM_016694_17_+1
Mpp2	-4.981	-2.883	-4.955	-1.762	-4.049	-2.343	-1.536	-1.653	-3.322	-1.798	50997	MPP2	NM_016695_11_-1
Gpc1	0.980	2.978	2.200	3.026	3.120	2.921	1.748	1.434	3.213	2.172	14733	GPC1	NM_016696_1_+1
Gpc3	-4.981	-4.981	-4.825	-3.606	-4.834	-4.727	-4.953	-4.982	-2.377	-3.165	14734	GPC3	NM_016697_X_-1
Rnf10	4.929	5.130	5.377	5.657	5.450	5.399	5.508	5.805	6.425	6.511	50849	RNF10	NM_016698_5_-1
Exosc10	5.151	5.161	4.612	5.044	5.188	4.938	5.124	4.902	5.216	5.010	50912	EXOSC10	NM_016699_4_+1
Mapk8	-2.646	0.539	0.402	-0.096	-0.106	-2.106	0.218	0.792	-1.108	-0.242	26419	MAPK8	NM_016700_14_-1
Nes	-3.668	-4.981	-3.831	-4.939	-4.546	-4.926	-1.666	-4.818	-3.109	-4.981	18008	NA	NM_016701_3_+1
Preb	6.577	6.586	7.802	7.980	7.413	7.399	7.180	7.177	7.605	7.184	50907	PREB	NM_016703_5_-1
C6	2.956	0.732	1.955	0.962	2.933	1.429	2.686	2.861	0.718	0.073	12274	C6	NM_016704_15_+1
Kif21a	-4.981	-2.274	-4.977	-2.998	-3.972	-3.120	-4.859	-4.914	-4.981	-3.895	16564	KIF21A	NM_016705_15_-1
Coil	3.678	3.578	3.205	3.168	3.325	2.924	2.502	2.047	2.434	1.878	12812	COIL	NM_016706_11_+1
Bcl11a	3.365	3.074	2.523	1.176	2.306	1.633	1.672	1.051	2.572	1.701	14025	BCL11A	NM_016707_11_+1
Auh	6.289	6.116	4.835	4.760	4.552	4.675	4.593	4.655	5.275	5.218	11992	AUH	NM_016709_13_-1
Hmgn5	4.827	4.775	3.305	3.406	4.053	4.343	4.527	3.920	3.070	3.068	50887	NA	NM_016710_X_-1
Tmod2	-2.632	-4.981	1.640	0.713	4.778	4.542	2.071	-0.006	-3.109	-4.981	50876	TMOD2	NM_016711_9_-1
Tmod4	-0.939	2.195	-1.662	1.130	-1.696	1.452	-2.385	1.088	-2.263	1.366	50874	TMOD4	NM_016712_3_+1
Mink1	1.709	1.716	3.291	2.540	3.908	3.532	3.486	3.167	2.930	2.832	50932	MINK1	NM_016713_11_+1
Nup50	5.040	5.155	5.165	5.297	5.382	5.070	5.064	5.058	4.951	4.638	18141	NUP50	NM_016714_15_+1
Crlf2	4.306	3.693	4.674	4.109	4.767	4.424	5.141	4.408	5.600	4.637	57914	CRLF2	NM_016715_5_-1
Cul3	6.172	6.212	6.176	6.108	6.757	6.662	6.627	6.399	7.028	7.242	26554	CUL3	NM_016716_1_-1
Scly	3.633	3.807	2.922	3.439	2.830	3.429	2.744	2.897	3.127	3.160	50880	SCLY	NM_016717_1_+1
Ninj2	-4.981	-4.981	-3.711	-4.550	-4.898	-4.964	-4.760	-2.698	-4.981	-4.981	29862	NINJ2	NM_016718_6_+1
Grb14	-4.981	-4.981	-4.981	-4.981	-4.778	-2.254	-4.954	-4.333	0.938	-0.522	50915	GRB14	NM_016719_2_-1
Neu3	1.810	1.513	0.383	1.160	0.948	1.847	0.475	1.061	0.846	0.847	50877	NEU3	NM_016720_7_-1
Iqgap1	7.303	7.608	8.394	8.379	8.666	8.868	8.676	8.967	9.699	9.904	29875	IQGAP1	NM_016721_7_-1
Galns	4.083	4.318	3.317	3.396	3.043	3.046	2.750	3.329	5.945	5.596	50917	GALNS	NM_016722_8_-1
Uchl3	7.354	7.732	6.160	6.196	5.834	5.970	5.292	5.514	2.999	3.587	50933	UCHL3	NM_016723_14_+1
Nub1	5.804	5.383	5.767	5.620	5.908	5.788	5.635	4.479	5.235	4.885	53312	NUB1	NM_016736_5_+1
Stip1	6.232	6.500	6.486	6.730	6.684	6.519	6.481	6.522	5.703	5.821	20867	STIP1	NM_016737_19_-1
Rpl13	10.753	10.626	11.127	11.010	11.054	10.834	11.186	10.964	10.122	9.883	270106	RPL13	NM_016738_8_+1
Caprin1	5.698	5.964	6.258	6.090	6.116	6.246	6.195	6.109	6.170	6.275	53872	CAPRIN1	NM_016739_2_-1
S100a11	8.286	7.800	9.531	8.736	10.492	10.140	9.708	8.647	8.716	7.775	20195	NA	NM_016740_3_+1
Scarb1	5.847	5.901	7.108	7.167	5.073	5.422	6.705	7.552	8.515	8.872	20778	SCARB1	NM_016741_5_-1
Cdc37	7.021	6.809	7.160	6.940	6.947	6.468	6.965	6.600	6.688	5.940	12539	CDC37	NM_016742_9_-1
Atp2a3	4.933	5.585	2.516	3.031	3.889	4.435	4.298	4.718	6.803	6.032	53313	ATP2A3	NM_016745_11_+1
Ccnc	3.355	3.242	3.763	3.752	3.367	3.418	3.253	3.266	3.944	4.445	51813	CCNC	NM_016746_4_+1
Dlg3	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-3.692	-4.834	-2.834	-4.614	53310	DLG3	NM_016747_X_+1
Ctps	3.298	3.419	3.807	3.893	3.913	3.959	3.358	3.356	2.415	1.994	51797	CTPS1	NM_016748_4_-1
Mybph	-4.981	-4.981	-4.942	-4.942	-4.929	-4.032	-4.417	-4.690	0.176	0.312	53311	MYBPH	NM_016749_1_+1
H2afz	9.188	9.366	10.494	10.510	10.522	10.377	10.384	10.213	9.780	9.950	51788	H2AFZ	NM_016750_3_+1
Clec4f	-4.981	-4.981	-4.967	-4.967	-4.963	-4.963	-4.981	-4.981	-3.738	-4.981	51811	CLEC4F	NM_016751_6_-1
Slc35b1	6.902	6.730	6.338	6.343	5.667	5.749	5.704	6.101	5.733	5.700	110172	SLC35B1	NM_016752_11_+1

Lxn	5.273	4.217	3.143	2.584	3.073	2.408	4.032	3.380	3.912	4.115	17035	LXN	NM_016753_3_-1
Mylpf	1.788	2.134	2.860	2.421	1.319	1.646	1.731	1.198	-0.421	-1.090	17907	MYLPF	NM_016754_7_+1
Atp5j	5.133	4.224	5.646	5.554	4.900	4.984	4.755	4.369	3.610	3.333	11957	ATP5J	NM_016755_16_-1
Cdk2	2.506	2.898	3.773	3.655	4.449	4.101	3.926	3.708	4.360	4.086	12566	CDK2	NM_016756_10_-1
Wbp1	5.724	5.644	5.464	5.844	5.307	5.680	4.684	4.605	3.711	3.603	22377	WBP1	NM_016757_6_-1
Rgs14	5.554	5.678	4.852	4.518	5.260	5.459	5.100	5.605	7.231	6.923	51791	RGS14	NM_016758_13_+1
Rundc3a	-1.868	-1.236	-0.432	0.585	-2.038	-1.617	-4.201	-2.434	0.152	-1.779	51799	RUND3A	NM_016759_11_+1
Clta	-1.389	-3.800	-3.950	-2.470	-2.770	-4.200	-2.547	-4.393	-4.981	-3.002	12757	CLTA	NM_016760_4_+1
Matn2	4.109	3.756	-0.369	0.142	-1.843	-3.182	-2.569	0.001	-0.020	-0.375	17181	MATN2	NM_016762_15_+1
Hsd17b10	6.370	6.355	5.653	5.747	5.330	5.381	5.539	5.651	5.742	5.397	15108	HSD17B10	NM_016763_X_+1
Prdx4	6.115	6.167	5.022	5.232	4.273	4.273	5.035	5.651	5.030	5.109	53381	PRDX4	NM_016764_X_-1
Ddah2	-4.847	-4.789	-4.389	-4.946	-4.965	-4.663	-3.819	-3.407	-4.951	-2.504	51793	DDAH2	NM_016765_17_+1
Mcrs1	5.593	5.600	5.750	5.844	5.896	5.840	5.643	5.796	6.066	5.889	51812	MCRS1	NM_016766_15_-1
Batf	6.074	6.133	5.042	5.165	4.858	5.092	5.302	5.281	4.909	4.892	53314	BATF	NM_016767_12_+1
Pbx3	-4.341	-3.502	2.132	1.768	1.700	0.311	1.935	1.748	2.346	2.748	18516	PBX3	NM_016768_2_-1
Smad3	3.277	3.241	3.227	2.873	1.328	1.159	3.481	3.798	5.035	4.802	17127	SMAD3	NM_016769_9_-1
Ech1	9.360	9.423	6.889	7.050	6.838	7.057	6.737	6.908	6.338	6.422	51798	ECH1	NM_016772_7_+1
Atp5b	9.937	9.924	10.194	10.335	9.908	9.989	9.593	9.959	9.503	9.652	11947	ATP5B	NM_016774_10_+1
Dnajc5	4.875	4.495	5.614	5.220	5.733	5.277	5.603	5.222	5.816	5.759	13002	DNAJC5	NM_016775_2_+1
Mybbp1a	4.426	4.169	5.942	6.042	5.912	5.803	5.708	5.986	6.162	5.862	18432	MYBBP1A	NM_016776_11_+1
Nasp	-1.581	-0.747	-0.379	-1.301	-0.556	-1.079	-1.081	0.453	-2.543	-2.411	50927	NASP	NM_016777_4_-1
Bok	-1.419	-4.981	-3.521	-2.920	-3.779	-3.897	-2.510	-3.576	-4.981	-4.316	51800	BOK	NM_016778_1_+1
Itgb3	5.397	4.737	1.675	2.196	4.335	4.174	4.039	4.260	4.698	4.732	16416	ITGB3	NM_016780_11_+1
Prkg1	5.675	5.709	5.082	5.288	5.537	5.451	5.502	5.472	5.756	5.514	19082	PRKG1	NM_016781_15_-1
Cntnap1	-1.756	-0.242	-3.122	-2.971	-3.857	-3.837	-3.530	-3.972	-3.471	-3.459	53321	CNTNAP1	NM_016782_11_+1
Pgrmc1	6.828	6.910	5.525	5.579	5.578	5.904	5.862	5.958	5.158	5.664	53328	PGRMC1	NM_016783_X_+1
Plrg1	5.967	5.623	5.195	5.443	5.407	5.466	5.288	5.469	4.965	5.115	53317	PLRG1	NM_016784_3_+1
Tpmt	1.655	1.850	3.202	3.287	0.968	2.834	1.020	1.295	1.523	1.547	22017	TPMT	NM_016785_13_-1
Ube2k	7.046	7.245	7.018	7.029	6.644	6.674	6.552	6.515	5.505	5.671	53323	UBE2K	NM_016786_5_+1
Bnip2	6.413	6.663	7.586	7.374	7.396	7.367	7.372	7.076	7.388	7.114	12175	BNIP2	NM_016787_9_+1
Tnk2	0.487	-2.182	-0.368	0.668	0.649	0.346	-0.466	0.541	-0.034	-0.752	51789	TNK2	NM_016788_16_+1
Nptx2	-4.981	-4.981	-4.633	-1.566	-1.749	-1.055	-4.982	-4.979	-4.981	-4.981	53324	NPTX2	NM_016789_5_+1
Nfatc1	4.922	5.125	4.878	4.735	5.383	5.382	5.365	5.117	5.850	5.548	18018	NFATC1	NM_016791_18_-1
Txn1l	6.857	6.903	6.679	6.870	6.336	6.471	6.402	6.607	5.809	5.950	53382	TXNL1	NM_016792_18_-1
Vamp8	9.065	8.847	8.645	8.570	8.765	8.712	9.048	8.540	7.957	7.798	22320	VAMP8	NM_016794_6_-1
Srpk1	5.352	5.348	5.283	5.383	5.498	5.663	5.056	5.258	4.429	4.427	20815	SRPK1	NM_016795_17_-1
Vamp4	4.365	4.293	4.455	4.314	4.844	4.714	4.739	4.536	4.610	4.744	53330	VAMP4	NM_016796_1_+1
Stx7	9.376	9.710	8.478	8.388	8.408	8.471	8.253	8.157	8.195	8.424	53331	STX7	NM_016797_10_+1
Srrm1	6.376	6.472	6.840	6.810	7.393	7.220	7.003	6.683	6.305	5.974	51796	NA	NM_016799_4_-1
Vti1b	7.242	7.300	7.076	7.080	6.799	6.906	6.515	6.456	5.911	5.688	53612	VTI1B	NM_016800_12_-1
Stx1a	-0.278	0.743	-3.825	-2.134	-2.406	-1.792	-4.013	-2.785	-3.491	-2.910	20907	STX1A	NM_016801_5_+1
Rhoa	9.132	9.245	9.018	9.084	9.205	9.162	9.090	9.199	9.678	9.677	11848	RHOA	NM_016802_9_+1
Chst3	3.176	3.613	0.214	0.016	1.574	1.945	0.792	2.734	-4.190	-0.734	53374	CHST3	NM_016803_10_-1
Mtx2	6.023	6.135	5.590	5.672	5.513	5.495	5.332	5.397	4.727	4.919	53375	MTX2	NM_016804_2_+1
Hnrnpu	8.408	8.603	8.772	8.959	8.981	9.006	8.660	8.801	8.810	9.019	51810	HNRNPU	NM_016805_1_-1
Hnrnpa2b1	8.943	8.846	8.873	8.932	8.919	8.965	8.278	8.571	8.000	8.102	53379	HNRNPA2B1	NM_016806_6_-1
Sdcbp	6.819	6.603	6.719	6.696	6.363	6.066	7.039	7.274	7.554	7.679	53378	SDCBP	NM_016807_4_+1
Usp2	-1.898	-3.256	-3.719	-4.065	-2.517	-4.040	-3.236	-2.529	-1.668	-4.977	53376	USP2	NM_016808_9_+1
Rbm3	-1.531	0.307	1.694	0.883	1.186	1.075	1.316	1.691	1.394	2.354	19652	RBM3	NM_016809_X_-1
Gosr1	4.970	5.360	5.467	5.646	5.224	5.294	4.990	5.174	5.444	5.808	53334	GOSR1	NM_016810_11_-1
Dgka	2.895	3.449	4.247	4.560	4.369	4.650	4.793	5.691	5.860	5.779	13139	DGKA	NM_016811_10_-1
Banp	1.314	2.974	2.460	2.119	3.405	3.253	2.343	1.974	1.996	2.001	53325	BANP	NM_016812_8_+1
Nxf1	7.383	7.624	6.626	6.864	6.895	7.212	6.529	6.644	5.932	6.239	53319	NXF1	NM_016813_19_+1
Atxn10	6.614	6.674	7.400	7.509	7.485	7.947	6.963	6.879	6.544	6.301	54138	ATXN10	NM_016843_15_+1
Rps28	8.005	7.564	8.548	8.185	8.075	7.680	8.449	8.032	7.469	6.908	54127	RPS28	NM_016844_17_-1
Acrbp	0.203	-0.851	0.485	-0.727	0.758	-0.781	-0.117	-1.073	0.656	0.222	54137	ACRBP	NM_016845_6_+1
Rgl1	5.587	5.577	4.715	4.338	6.924	7.045	7.090	6.947	3.062	3.928	19731	RGL1	NM_016846_1_-1
Irf3	6.145	6.298	5.486	5.748	5.961	6.047	5.616	5.676	5.227	5.274	54131	IRF3	NM_016849_7_+1
Irf7	8.310	7.982	6.685	5.994	6.547	5.183	6.720	6.333	8.040	7.054	54123	IRF7	NM_016850_7_-1
Irf6	-2.727	-1.115	1.502	1.434	0.049	1.393	-2.311	0.098	-4.394	-1.306	54139	IRF6	NM_016851_1_+1
Wbp2	7.618	7.726	6.805	6.770	7.344	7.156	7.030	6.844	7.042	6.753	22378	WBP2	NM_016852_11_-1
Stac	-4.981	-4.981	-1.755	-2.388	-1.430	-1.203	-1.972	-1.850	-0.045	0.300	20840	STAC	NM_016853_9_-1
Cpsf2	5.362	5.157	5.910	5.837	6.211	6.113	6.027	5.875	6.184	5.934	51786	CPSF2	NM_016856_12_+1
Exoc7	1.575	1.784	0.800	1.341	0.628	0.748	0.014	-0.265	0.731	0.169	53413	EXOC7	NM_016857_11_-1
Rab33b	8.000	8.725	5.848	5.659	4.434	4.794	4.361	4.879	4.640	4.984	19338	RAB33B	NM_016858_3_+1
Bysl	4.023	3.719	3.894	4.337	4.074	4.347	3.985	4.340	4.555	4.411	53414	BYSL	NM_016859_17_-1
Actr1a	5.226	5.278	5.967	5.886	6.157	6.176	6.340	6.376	7.319	7.376	54130	ACTR1A	NM_016860_19_-1
Pdlim1	6.872	6.214	2.348	2.332	0.946	2.626	4.255	5.211	7.246	7.158	54132	PDLM1	NM_016861_19_-1
Vti1a	4.411	4.712	4.441	4.622	5.144	5.063	4.706	5.158	5.135	5.016	53611	VTI1A	NM_016862_19_+1
Fkbp1b	0.211	-1.521	3.462	3.299	0.865	0.456	3.326	3.565	4.363	4.382	14226	FKBP1B	NM_016863_12_-1
Htatip2	5.054	4.836	4.114	4.189	3.641	3.612	3.943	4.218	4.591	3.782	53415	HTATIP2	NM_016865_7_+1
Stk39	-0.009	-1.729	3.696	4.322	1.708	2.115	1.939	1.955	0.312	-0.775	53416	STK39	NM_016866_2_-1
Hif3a	-4.981	-4.981	-4.869	-4.489	-4.980	-4.978	-4.922	-4.742	-4.981	-4.486	53417	HIF3A	NM_016868_7_-1
Corin	-4.981	-4.284	-4.667	-4.896	-4.967	-4.943	-4.706	-4.831	-4.139	-4.447	53419	CORIN	NM_016869_5_-1

Tommm40	5.152	4.778	4.896	5.095	4.914	4.863	4.899	4.877	4.803	4.362	53333	TOMMM40	NM_016871_7_-1
Vamp5	3.273	0.352	4.228	4.203	5.021	4.903	4.748	4.341	2.901	2.836	53620	VAMP5	NM_016872_6_-1
Wisp2	-4.981	-3.315	-4.056	-4.979	-4.424	-2.912	-4.395	-2.897	-4.981	-4.981	22403	WISP2	NM_016873_2_+1
Deaf1	2.709	2.925	3.788	3.844	3.559	3.348	3.737	3.581	4.649	4.259	54006	DEAF1	NM_016874_7_-1
Ybx2	-1.436	-1.296	-4.981	-4.981	-4.980	-4.980	-4.981	-4.981	-4.981	-4.981	53422	YBX2	NM_016875_11_+1
Eif3g	7.808	7.735	7.900	7.568	7.231	7.271	7.179	7.246	6.596	6.269	53356	EIF3G	NM_016876_9_-1
Cnot4	2.507	2.931	2.237	2.621	2.675	2.429	2.434	2.613	2.124	2.069	53621	CNOT4	NM_016877_6_-1
Dnpep	6.169	6.030	4.866	5.004	4.549	4.633	4.779	4.901	5.004	5.013	13437	DNPEP	NM_016878_1_-1
Pmm2	5.856	5.741	5.709	5.767	5.413	5.425	5.402	5.505	5.553	5.467	54128	PMM2	NM_016881_16_+1
Sart1	5.892	5.582	5.929	5.830	6.094	6.112	6.040	5.921	6.182	5.931	20227	SART1	NM_016882_19_-1
Psmd10	6.230	6.166	5.722	5.932	5.624	5.699	5.565	5.367	4.710	4.747	53380	PSMD10	NM_016883_X_-1
Hnrnpc	6.712	6.857	6.436	6.528	6.467	6.423	6.248	6.460	5.866	5.826	15381	HNRNPC	NM_016884_14_-1
Gria3	5.508	6.567	0.532	-2.241	1.361	0.686	1.584	0.956	0.462	1.514	53623	GRIA3	NM_016886_X_+1
Cldn7	-4.981	-2.600	-2.983	-4.394	-1.718	1.822	-4.111	-1.569	-4.981	-4.342	53624	CLDN7	NM_016887_11_+1
B3gnt2	6.573	7.088	4.591	4.705	4.768	4.633	4.861	5.554	6.062	5.718	53625	B3GNT2	NM_016888_11_-1
Insm1	-2.439	-4.981	0.995	0.238	1.983	1.314	0.938	-2.469	-4.981	-4.981	53626	INSM1	NM_016889_2_+1
Dctn3	7.699	7.702	7.005	6.992	6.788	6.823	6.921	6.853	6.377	6.282	53598	DCTN3	NM_016890_4_-1
Ppp2r1a	6.852	6.994	7.344	7.442	7.095	6.990	7.028	7.278	7.530	7.500	51792	PPP2R1A	NM_016891_17_+1
Ccs	6.794	6.752	4.975	5.047	4.801	5.032	4.954	5.069	4.721	4.724	12460	CCS	NM_016892_19_-1
Fut8	3.898	3.407	3.768	3.727	2.563	2.902	2.642	3.932	3.885	4.533	53618	FUT8	NM_016893_12_+1
Ramp1	9.568	10.018	7.684	7.301	7.051	7.119	7.956	7.457	7.253	5.259	51801	RAMP1	NM_016894_1_+1
Ak2	6.683	6.384	6.600	6.614	7.179	7.043	7.220	7.130	6.923	6.625	11637	AK2	NM_016895_4_+1
Map3k14	3.061	2.905	5.419	5.121	6.143	5.925	6.226	5.591	6.562	6.278	53859	MAP3K14	NM_016896_11_-1
Timm23	7.778	7.593	7.717	7.813	7.287	7.283	7.185	7.327	6.768	6.599	53600	TIMM23	NM_016897_14_-1
Cd164	9.421	9.690	6.268	6.441	7.106	7.548	6.627	6.893	6.089	6.308	53599	CD164	NM_016898_10_+1
Rab25	-0.461	-0.402	-3.666	-2.717	-3.595	-4.505	-2.660	-3.953	-4.394	-4.342	53868	RAB25	NM_016899_3_-1
 Cav2	3.440	3.543	0.041	-0.263	-0.336	0.564	2.276	2.869	3.678	4.756	12390	CAV2	NM_016900_6_+1
Nphp1	2.428	1.607	1.286	0.409	-2.394	-0.879	-2.165	-0.124	-3.166	-3.875	53885	NPHP1	NM_016902_2_-1
Esd	7.842	7.739	7.329	7.444	7.070	7.058	7.181	7.122	7.342	7.033	13885	ESD	NM_016903_14_+1
Cks1b	5.540	5.055	6.888	6.817	6.465	6.075	6.037	5.586	3.347	3.190	54124	CKS1B	NM_016904_3_-1
Galk1	7.512	7.357	3.800	3.997	3.533	3.414	3.781	4.276	4.217	3.508	14635	GALK1	NM_016905_11_-1
Sec61a1	7.551	7.562	7.397	7.501	6.573	6.546	6.745	7.277	7.834	7.872	53421	SEC61A1	NM_016906_6_-1
Spint1	0.818	2.757	6.580	-2.561	7.105	1.486	6.760	-0.645	-0.587	-4.981	20732	SPINT1	NM_016907_2_+1
Tsnax	6.278	6.276	6.495	6.488	6.353	6.477	6.114	6.334	6.327	6.263	53424	TSNAX	NM_016909_8_+1
Ppm1d	4.392	4.366	4.312	4.121	4.243	4.307	4.239	4.283	4.756	4.508	53892	PPM1D	NM_016910_11_+1
Cdkl2	-4.981	-3.072	-2.566	-2.020	-3.178	-2.542	-3.011	-1.858	-0.627	-1.363	53886	CDKL2	NM_016912_5_-1
Porcn	-3.203	-3.482	0.094	1.377	-1.253	-0.145	-0.749	1.046	-0.129	1.339	53627	PORCN	NM_016913_X_-1
Prg3	1.206	-1.005	-2.643	-2.682	0.385	0.204	-0.898	-0.107	-3.531	-3.498	53856	PRG3	NM_016914_2_+1
Pla2g6	-2.128	0.710	-1.765	-3.188	-4.911	-4.916	-4.150	-4.836	-1.609	-4.732	53357	PLA2G6	NM_016915_15_-1
Blcap	5.944	6.171	4.281	4.490	4.276	4.474	3.937	4.386	3.824	4.296	53619	BLCAP	NM_016916_2_-1
Slc40a1	5.517	2.937	5.354	5.339	6.294	5.393	5.975	6.831	4.375	4.147	53945	SLC40A1	NM_016917_1_-1
Nudt5	4.711	4.730	4.710	5.167	4.664	4.880	4.418	4.606	3.051	3.410	53893	NUDT5	NM_016918_2_+1
Col5a3	-4.981	-4.981	-4.892	-4.892	-4.979	-4.979	-4.887	-4.350	-4.981	-4.981	53867	COL5A3	NM_016919_9_-1
Atp6v0a1	1.312	0.935	-2.875	-3.967	-3.137	-1.707	-3.084	-3.701	-3.335	-4.210	11975	ATP6V0A1	NM_016920_11_+1
Tcirg1	0.758	1.987	-0.752	1.059	0.154	0.548	2.582	2.027	2.868	2.787	27060	TCIRG1	NM_016921_19_-1
Gal3st1	-4.981	-4.981	-4.904	-4.974	-4.969	-4.978	-4.980	-4.979	-4.981	-4.976	53897	GAL3ST1	NM_016922_11_+1
Ly96	4.921	4.678	4.419	4.694	3.768	4.083	4.535	4.803	4.402	4.823	17087	LY96	NM_016923_1_+1
Rwdd2b	3.570	3.071	3.052	3.281	2.905	2.728	2.529	2.624	3.119	3.009	53858	RWDD2B	NM_016924_16_-1
Fanca	-0.820	-0.615	5.060	4.682	2.832	2.101	2.858	3.416	4.327	3.955	14087	FANCA	NM_016925_8_-1
Sart3	4.509	4.516	4.808	4.921	5.156	5.013	5.085	4.811	5.524	5.377	53890	SART3	NM_016926_5_-1
Pkd2l2	1.032	1.553	-1.032	-0.842	-0.751	-0.170	-1.138	0.744	-0.074	0.423	53871	PKD2L2	NM_016927_18_+1
Tlr5	0.741	1.011	0.666	0.502	3.537	3.630	2.551	1.923	2.541	2.902	53791	TLR5	NM_016928_1_+1
Ptprcap	9.178	9.173	3.867	4.451	5.182	5.780	4.369	6.385	1.754	1.761	19265	PTPRCAP	NM_016933_19_+1
Hbb-b2	4.667	7.954	5.751	8.840	5.787	9.782	6.006	9.341	4.412	7.437	15130	NA	NM_016956_7_-1
Hmgn2	9.554	9.313	8.540	8.730	9.307	8.154	8.709	7.914	8.050	6.558	15331	NA	NM_016957_4_-1
Rps3a1	10.268	10.251	10.591	10.533	10.242	10.205	10.153	10.249	9.234	9.296	20091	NA	NM_016959_3_-1
Mapk9	-0.116	0.964	0.662	0.091	0.066	-1.563	0.758	-1.317	0.410	0.187	26420	MAPK9	NM_016961_11_+1
Spast	3.599	3.508	4.144	3.315	3.834	3.781	3.925	3.839	3.400	3.894	50850	SPAST	NM_016962_17_+1
Tmod3	6.649	6.677	6.705	6.507	7.175	6.956	7.185	6.898	7.266	7.376	50875	TMOD3	NM_016963_9_-1
Stag3	0.696	1.891	-0.102	0.107	1.805	1.926	1.766	1.553	0.750	1.104	50878	STAG3	NM_016964_5_+1
Nckap1	1.078	0.956	-1.327	-0.177	-1.929	0.459	-1.136	-0.047	-1.247	-0.072	50884	NCKAP1	NM_016965_2_-1
Phgdh	7.257	6.349	3.058	3.066	4.342	3.979	2.768	3.990	1.906	1.821	236539	PHGDH	NM_016966_3_-1
Olig2	-4.981	-4.981	-4.867	-3.138	-4.971	-4.788	-4.889	-4.200	-4.981	-4.981	50913	OLIG2	NM_016967_16_+1
Olig1	-4.981	-4.981	-3.818	-2.436	-4.870	-3.274	-2.912	-3.585	-4.981	-4.981	50914	OLIG1	NM_016968_16_+1
Myadm	4.030	4.958	5.967	5.547	6.872	7.102	6.147	6.647	8.137	8.186	50918	MYADM	NM_016969_7_+1
Klrg1	-2.178	-4.981	-4.323	-3.887	0.245	3.060	-1.445	0.294	-2.025	-4.981	50928	KLRG1	NM_016970_6_-1
Slc7a8	-0.406	-1.786	3.711	4.402	0.459	1.305	2.566	4.154	4.217	5.756	50934	SLC7A8	NM_016972_14_-1
St6galnac6	-3.978	-3.517	-3.364	-1.541	-2.855	-2.606	-2.006	-0.412	-0.531	-0.457	50935	ST6GALNAC6	NM_016973_2_+1
Dpb	3.139	2.912	0.682	0.634	3.321	3.310	1.577	1.285	0.114	-0.780	13170	DBP	NM_016974_7_+1
Grm1	-4.981	-4.981	-2.625	-3.671	-2.879	-3.855	-4.951	-4.622	-4.981	-4.981	14816	GRM1	NM_016976_10_-1
Oat	6.207	6.213	7.369	7.523	7.548	7.364	7.130	6.897	6.020	6.161	18242	OAT	NM_016978_7_-1
Prkx	4.439	4.425	6.069	5.781	4.494	4.806	5.305	5.841	7.422	7.490	19108	PRKX	NM_016979_X_-1
Rpl5	9.097	8.890	9.316	9.200	9.121	8.995	9.199	8.839	7.790	7.546	100503670	RPL5	NM_016980_5_+1
Slc9a1	5.070	4.881	3.484	3.392	3.558	3.417	3.556	3.519	4.842	4.782	20544	SLC9A1	NM_016981_4_+1

Vpreb1	0.705	0.871	-2.712	-2.386	-2.261	-2.445	-1.913	-2.077	-3.204	-0.731	22362	VPREB1	NM_016982_16_-1
Mtmr1	5.432	5.405	6.485	6.330	5.681	5.634	5.243	5.269	5.031	5.330	53332	MTMR1	NM_016985_X_+1
Acadvl	6.056	5.955	5.663	6.156	6.274	6.389	5.701	6.034	6.205	6.245	11370	ACADVL	NM_017366_11_-1
Ccni	6.999	7.231	6.854	7.170	6.502	6.956	6.682	6.911	7.091	7.512	12453	CCNI	NM_017367_5_-1
Celf1	0.721	1.290	0.873	1.649	1.515	1.359	1.300	1.810	2.042	2.326	13046	NA	NM_017368_2_+1
Gabre	-4.981	-3.267	-4.584	-4.808	-4.204	-4.164	-4.564	-4.102	-3.738	-4.981	14404	NA	NM_017369_X_-1
Hp	-4.981	-4.981	-0.366	2.330	-1.038	3.820	5.307	6.269	10.504	10.413	15439	HP	NM_017370_8_-1
Hpx	-0.418	-0.639	-1.310	-3.385	-3.005	-4.072	-3.026	-3.968	-2.286	-2.753	15458	HPX	NM_017371_7_-1
Lyz2	6.834	3.099	9.266	8.931	7.606	8.527	12.833	13.495	14.976	14.976	17105	LYZ	NM_017372_10_-1
Nfil3	3.850	4.871	5.255	5.112	4.803	4.736	5.585	5.886	7.942	7.500	18030	NFIL3	NM_017373_13_-1
Ppp2cb	5.194	4.628	5.443	4.971	5.273	4.747	5.438	4.713	6.686	5.077	19053	PPP2CB	NM_017374_8_+1
Ostf1	8.309	8.321	8.682	8.548	9.065	8.920	8.751	8.533	8.635	8.415	20409	OSTF1	NM_017375_19_-1
Tef	2.492	2.389	0.502	0.622	3.080	1.961	2.429	2.462	2.936	2.891	21685	TEF	NM_017376_15_+1
B4galt2	-1.368	-4.981	-3.499	-3.758	-3.726	-3.596	-4.793	-4.271	-4.054	-4.981	53418	B4GALT2	NM_017377_4_-1
Tuba8	0.614	-1.641	-4.571	-1.135	-1.872	-1.982	-0.551	-2.205	1.089	-2.496	53857	TUBA8	NM_017379_6_+1
Sept9	4.749	4.708	6.691	6.670	1.966	2.405	4.243	4.563	7.155	7.002	53860	SEPT9	NM_017380_11_+1
Zranb2	5.862	6.087	5.686	5.801	5.837	6.034	6.017	5.916	4.905	5.794	53861	NA	NM_017381_3_+1
Rab11a	7.848	7.866	8.579	8.156	7.224	7.069	7.441	7.326	7.150	7.173	53869	RAB11A	NM_017382_9_-1
Ear3	-4.921	-4.981	-4.970	-4.658	-4.957	-1.658	-4.949	-4.634	-4.977	-4.888	53876	NA	NM_017388_14_+1
Ear14	-4.981	-2.801	-4.974	-4.974	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	503847	NA	NM_017389_14_+1
Svs2	-4.981	-4.981	-4.294	-1.381	-4.981	-4.981	-4.952	-3.720	-4.981	-3.233	53878	NA	NM_017390_2_-1
Slc5a3	2.517	2.661	2.332	1.457	2.235	1.767	2.238	1.271	-0.196	1.445	53881	SLC5A3	NM_017391_16_+1
Celsr2	-4.425	-3.630	-3.972	-4.963	-3.622	-3.873	-4.073	-3.418	-4.079	-4.450	53883	CELSR2	NM_017392_3_-1
Clpp	6.319	6.245	5.394	5.488	5.302	5.572	5.255	5.411	4.194	3.789	53895	CLPP	NM_017393_17_+1
Slc7a10	-4.981	-0.426	-4.952	-0.719	-0.916	0.129	-4.965	-3.029	-4.394	-4.981	53896	SLC7A10	NM_017394_7_+1
Rfx5	4.088	3.857	4.912	4.922	5.842	5.928	5.173	4.939	3.831	3.732	53970	NA	NM_017395_3_+1
Ddx20	4.040	4.111	3.529	3.582	4.025	3.889	3.841	3.482	4.142	3.911	53975	DDX20	NM_017397_3_-1
Fabp1	-2.273	-4.981	-3.002	-2.564	-0.516	1.147	-1.632	-0.019	-4.981	-2.867	14080	FABP1	NM_017399_6_+1
Sh3gl3	-2.948	-4.981	0.036	0.732	-4.902	-4.300	-4.943	-3.992	-4.981	-4.981	20408	SH3GL3	NM_017400_7_+1
Polm	3.347	2.711	2.832	2.833	2.003	2.305	3.055	3.240	4.291	4.001	54125	POLM	NM_017401_11_-1
Arhgef7	3.099	3.143	3.739	3.715	3.400	3.777	3.247	2.891	3.047	2.979	54126	ARHGEF7	NM_017402_8_+1
Mrp139	6.290	6.258	5.299	5.505	5.097	5.129	5.009	5.167	4.524	4.569	27393	MRPL39	NM_017404_16_-1
Lsr	-4.901	-4.348	3.547	3.602	0.198	-0.488	1.566	0.840	2.813	1.396	54135	LSR	NM_017405_7_-1
Atf6b	6.209	5.993	6.450	6.460	6.354	6.179	6.252	6.264	6.953	6.832	12915	ATF6B	NM_017406_17_+1
Spag5	1.144	1.693	2.187	2.200	3.065	2.113	2.399	1.310	1.099	-0.041	54141	SPAG5	NM_017407_11_+1
Sept1	6.805	6.782	4.401	4.583	5.478	5.683	3.787	4.268	1.056	-0.246	54204	SEPT1	NM_017461_7_-1
Polg	2.385	2.840	3.560	3.827	3.511	3.902	4.260	4.739	5.371	5.629	18975	POLG	NM_017462_7_-1
Pbx2	1.784	2.398	1.932	1.687	2.571	2.321	2.849	2.198	2.665	2.505	18515	PBX2	NM_017463_17_+1
Nedd9	4.632	4.666	2.826	2.535	4.867	5.512	3.712	3.242	3.216	2.772	18003	NEDD9	NM_017464_13_-1
Sult2b1	0.362	1.588	-1.000	-1.204	-0.827	-0.205	-1.458	-1.527	-2.953	-3.882	54200	SULT2B1	NM_017465_7_-1
Ccrl2	0.893	0.126	4.099	4.140	7.250	8.353	6.343	7.038	4.936	6.603	54199	CCRL2	NM_017466_9_-1
Zfp316	0.725	0.474	1.186	1.350	1.477	1.480	1.012	0.241	1.845	1.578	54201	ZNF316	NM_017467_5_-1
Gucy1b3	-4.981	-4.981	-4.978	-4.638	-4.685	-4.917	-4.082	-4.887	-3.316	-3.086	54195	GUCY1B3	NM_017469_3_-1
Dnal4	4.991	5.149	3.933	3.728	4.102	4.003	3.907	3.968	4.727	4.329	54152	DNAL4	NM_017470_15_-1
Snx3	7.981	8.207	8.634	8.795	8.210	8.289	7.972	8.163	7.407	7.441	54198	SNX3	NM_017472_10_+1
Rragc	6.808	6.852	7.091	7.100	6.826	6.997	6.808	6.800	6.905	6.938	54170	RRAGC	NM_017475_4_+1
Akap8l	6.077	6.161	5.427	5.490	6.367	6.483	5.903	5.908	5.406	5.329	54194	AKAP8L	NM_017476_17_-1
Copg1	6.305	6.328	6.500	6.549	6.367	6.474	6.420	6.587	6.730	6.863	54161	COPG1	NM_017477_6_+1
Copg2	4.578	4.688	6.781	6.387	5.112	4.942	5.025	5.380	5.230	5.663	54160	COPG2	NM_017478_6_-1
Kat6b	3.294	3.285	2.171	2.929	2.408	1.578	1.612	-0.384	1.609	0.425	54169	NA	NM_017479_14_+1
Icos	1.176	-1.814	4.749	2.744	5.568	5.442	3.785	2.782	-0.150	-0.391	54167	ICOS	NM_017480_1_+1
Cd244	6.178	6.847	7.059	5.808	7.985	7.182	7.504	6.804	7.473	6.795	18106	CD244	NM_018729_1_+1
Rpl36	8.726	8.677	8.947	8.862	8.911	8.863	9.266	9.171	8.223	7.888	54217	NA	NM_018730_17_+1
Atp4a	-4.264	-2.283	-2.382	-4.592	-2.511	-4.848	-3.696	-4.434	-2.949	-3.904	11944	ATP4A	NM_018731_7_+1
Scn3a	3.830	3.582	-0.844	-2.694	5.861	-1.369	2.826	-3.277	-4.394	-4.964	20269	SCN3A	NM_018732_2_-1
Gbp3	-1.581	-3.233	-2.231	-0.366	-1.500	-4.603	-0.877	-0.724	0.358	-3.946	55932	GBP3	NM_018734_3_+1
Mre11a	2.819	3.231	3.596	3.522	3.744	3.679	3.563	3.588	3.043	3.552	17535	MRE11A	NM_018736_9_+1
Ctps2	3.756	4.502	3.046	2.174	3.664	3.262	4.250	4.029	6.346	6.239	55936	CTPS2	NM_018737_X_+1
Igtp	5.208	4.908	4.730	5.158	5.452	5.226	5.628	5.546	5.741	5.517	16145	NA	NM_018738_11_+1
Rp9	6.718	6.365	5.707	5.174	5.908	5.563	6.050	5.414	5.852	4.732	55934	RP9	NM_018739_9_-1
Elp5	6.387	6.294	6.481	6.486	5.979	5.979	5.978	5.882	5.006	4.911	54351	ELP5	NM_018740_11_-1
Igfbpl1	-4.981	-4.981	-4.981	-4.981	-4.822	-4.964	-4.981	-4.981	-4.981	-4.981	75426	IGFBPL1	NM_018741_4_-1
Bet1l	5.272	5.112	4.706	4.683	4.545	4.712	5.184	4.944	4.573	4.264	54399	BET1L	NM_018742_7_-1
Gpat4	4.518	4.516	5.418	5.569	5.600	5.427	5.348	5.371	5.907	5.835	102247	GPAT4	NM_018743_8_-1
Sema6a	-1.978	-3.408	-3.125	-2.563	-2.788	-2.216	-2.401	-1.889	-4.981	-4.981	20358	SEMA6A	NM_018744_18_-1
Azin1	5.677	5.491	5.462	5.176	5.319	5.381	5.331	5.175	5.482	5.887	54375	AZIN1	NM_018745_15_-1
Akap7	3.698	3.745	3.312	3.412	3.640	3.885	3.444	3.345	3.366	3.524	432442	AKAP7	NM_018747_10_-1
Golga4	5.288	5.173	5.703	5.512	5.845	5.870	5.600	5.629	5.610	5.631	54214	GOLGA4	NM_018748_9_+1
Eif3d	7.107	7.253	6.958	7.081	6.906	6.884	6.813	6.988	6.763	6.669	55944	EIF3D	NM_018749_15_-1
Rassf5	6.982	6.956	7.210	7.262	7.544	7.581	7.785	7.939	8.876	8.684	54354	RASSF5	NM_018750_1_-1
Trpm1	-4.981	-4.981	-4.976	-3.074	-4.968	-4.358	-4.875	-2.365	-4.981	-4.227	17364	TRPM1	NM_018752_7_+1
Ywhab	8.074	8.281	8.042	8.194	8.127	8.142	8.310	8.523	8.872	8.896	54401	YWHAB	NM_018753_2_+1
Sfn	-1.142	-2.883	-0.846	-1.848	-0.993	-2.917	-0.840	-2.196	0.276	-1.787	55948	SFN	NM_018754_4_-1
Cpq	0.800	-0.381	0.549	0.837	-2.428	-3.301	-1.067	-0.067	-4.648	-1.855	54381	CPQ	NM_018755_15_+1

Tcstv1	-0.473	-0.700	-4.956	-4.956	-4.981	-4.981	-4.974	-4.978	-4.981	-4.981	54382	NA	NM_018756_13_-1
Nme6	4.555	4.574	2.929	3.351	3.074	3.133	2.585	3.318	1.447	1.704	54369	NME6	NM_018757_9_+1
Apba3	3.723	3.965	3.559	3.599	3.291	3.260	3.350	3.672	4.433	4.219	57267	APBA3	NM_018758_10_+1
Zfp326	4.092	3.330	3.695	3.746	4.020	4.134	3.612	3.382	2.165	2.527	54367	ZNF326	NM_018759_5_+1
Slc4a4	-4.981	-4.981	-4.980	-4.980	-4.949	-4.791	-4.567	-4.955	-4.981	-4.644	54403	SLC4A4	NM_018760_5_+1
Ctnnal1	-0.286	1.656	-0.632	0.164	-0.640	-0.010	-2.710	-1.659	-4.981	-1.054	54366	CTNNAL1	NM_018761_4_-1
Gp9	-1.271	-1.991	-1.734	0.697	-1.481	-0.724	-0.328	-0.346	-0.090	0.520	54368	GP9	NM_018762_6_+1
Chst2	-1.901	-4.981	-1.270	1.836	1.115	1.328	2.966	2.819	-4.981	-2.309	54371	CHST2	NM_018763_9_-1
Pcdh7	-4.981	-4.981	-3.187	-4.286	-4.877	-4.955	-4.976	-3.927	-4.981	-3.098	54216	PCDH7	NM_018764_5_+1
Wbp4	5.507	5.750	5.697	5.655	5.713	5.700	5.793	5.505	5.198	5.029	22380	WBP4	NM_018765_14_-1
Cd160	1.249	-1.593	-3.420	-1.935	-1.995	-0.770	-2.681	0.342	-2.575	-4.086	54215	CD160	NM_018767_3_-1
Stx8	6.397	6.416	5.881	5.916	5.435	5.484	5.776	5.605	5.248	4.888	55943	STX8	NM_018768_11_+1
Dfna5	0.603	0.735	1.168	0.998	1.728	1.776	1.608	0.646	3.827	2.834	54722	DFNA5	NM_018769_6_-1
Cadm1	5.630	8.589	9.037	8.903	2.901	3.921	3.786	5.757	0.353	0.278	54725	CADM1	NM_018770_9_+1
Gipc1	5.669	5.894	5.134	6.141	4.975	5.262	4.819	5.514	5.248	5.254	67903	GIPC1	NM_018771_8_+1
Bri3	2.358	2.188	1.342	0.756	2.103	1.903	2.247	1.642	2.040	1.896	55950	BRI3	NM_018772_5_+1
Skap2	8.340	8.521	9.011	9.093	8.750	8.691	8.179	8.081	7.907	8.124	54353	SKAP2	NM_018773_6_-1
Phc2	0.407	0.824	-0.115	1.183	-0.224	-1.349	0.098	-3.682	-0.582	-0.567	54383	PHC2	NM_018774_4_+1
Tbc1d8	7.860	7.991	7.989	7.828	7.663	7.669	7.649	7.487	7.152	7.447	54610	TBC1D8	NM_018775_1_-1
Crlf3	6.581	6.882	6.913	7.011	8.028	7.987	7.610	7.510	7.393	7.412	54394	CRLF3	NM_018776_11_-1
Sfrp5	-4.981	-4.981	-4.981	-4.981	-4.749	-4.916	-4.963	-4.972	-4.981	-4.981	54612	SFRP5	NM_018780_19_-1
Egr3	-3.338	-2.618	2.355	2.812	3.452	4.680	1.375	0.877	-4.707	-3.626	13655	EGR3	NM_018781_14_+1
Calcr1	2.718	3.175	3.626	3.806	3.625	3.115	3.247	3.321	3.711	3.884	54598	CALCR1	NM_018782_2_-1
Tfip11	3.900	4.173	4.502	4.466	4.715	4.516	4.685	4.831	5.079	5.171	54723	TFIP11	NM_018783_5_+1
St3gal6	5.806	6.114	1.831	2.447	1.933	2.896	2.149	3.639	0.816	1.009	54613	ST3GAL6	NM_018784_16_-1
Prpf40a	6.802	6.902	7.386	7.399	7.340	7.246	7.136	6.962	6.801	6.904	56194	PRPF40A	NM_018785_2_-1
Prpf40b	2.765	2.208	1.852	1.972	2.056	2.258	1.529	1.351	-0.808	-0.131	54614	PRPF40B	NM_018786_15_+1
Npff	0.233	0.178	-1.171	-2.388	-1.831	-2.498	-0.857	-2.001	0.019	-1.105	54615	NPFF	NM_018787_15_-1
Extl3	3.503	3.888	6.189	6.218	4.641	4.866	4.996	4.896	4.979	4.371	54616	EXTL3	NM_018788_14_-1
Foxo4	1.353	1.226	-0.116	-0.516	1.964	1.808	1.956	1.152	0.685	1.065	54601	FOXO4	NM_018789_X_+1
Arc	-2.515	-2.616	2.104	2.465	-1.402	-4.027	-0.907	-3.981	-2.897	-4.099	11838	ARC	NM_018790_15_-1
Zfp108	0.584	-0.686	0.626	-0.002	-1.144	-1.857	-0.574	-1.533	-0.077	0.278	54678	NA	NM_018791_7_+1
Tyk2	5.432	5.230	6.925	6.957	6.076	5.882	6.011	5.985	7.263	7.203	54721	TYK2	NM_018793_9_-1
Atp6ap1	8.078	8.366	7.413	7.542	7.783	8.034	8.082	8.601	9.127	9.253	54411	ATP6AP1	NM_018794_X_+1
Eef1b2	7.849	7.907	9.366	9.270	7.736	7.835	7.984	7.899	6.642	6.651	55949	EEF1B2	NM_018796_1_+1
Plxnc1	5.933	5.766	6.956	7.007	8.800	8.701	7.892	6.838	4.001	3.680	54712	PLXNC1	NM_018797_10_-1
Ubqln2	3.918	4.318	3.190	3.450	3.456	3.723	3.632	3.338	2.614	3.317	54609	UBQLN2	NM_018798_X_+1
Eif3i	7.151	7.023	7.078	7.154	6.568	6.510	6.647	6.763	6.255	5.772	54709	EIF3I	NM_018799_4_-1
Syt11	2.045	1.326	2.997	2.813	3.151	2.967	3.355	3.151	3.293	3.180	229521	SYT11	NM_018804_3_-1
Hs3st3b1	3.479	3.903	-0.042	-0.308	2.494	2.956	1.073	1.458	0.455	1.198	54710	HS3ST3B1	NM_018805_11_-1
Plagl2	3.431	3.379	4.544	4.517	3.919	3.630	4.591	4.665	5.999	6.146	54711	PLAGL2	NM_018807_2_-1
Dnajb1	6.940	6.798	7.009	7.148	7.680	7.126	7.030	6.760	5.931	6.008	81489	DNAJB1	NM_018808_8_+1
Mkrrn1	6.948	6.960	7.260	7.380	8.213	8.360	7.751	7.688	7.813	7.822	54484	MKRRN1	NM_018810_6_-1
Abhd2	2.415	2.158	2.158	2.319	1.974	2.052	1.696	2.079	2.342	1.958	54608	ABHD2	NM_018811_7_+1
Pias3	1.198	3.310	2.396	2.812	3.126	2.667	2.662	1.592	2.230	2.834	229615	PIAS3	NM_018812_3_+1
Cpsf3	6.228	5.967	6.625	6.686	6.846	6.576	6.691	6.435	6.808	6.284	54451	CPSF3	NM_018813_12_+1
Pcnx1	4.348	4.800	3.597	3.271	3.870	3.770	4.532	4.179	6.141	6.111	54604	PCNX1	NM_018814_12_+1
Nup210	5.949	5.453	7.086	6.954	7.579	7.320	6.668	6.991	5.414	6.376	54563	NUP210	NM_018815_6_-1
Smarcal1	3.887	4.054	3.951	4.306	4.115	4.267	4.145	3.845	4.179	4.096	54380	SMARCAL1	NM_018817_1_+1
Chm1	4.389	4.209	4.696	4.633	5.202	5.178	4.990	4.730	4.827	5.244	12662	CHM1	NM_018818_X_-1
Mpc1	8.498	8.204	7.201	7.094	7.747	6.712	7.577	6.727	6.861	5.985	55951	MPC1	NM_018819_17_+1
Sertad1	6.685	6.549	3.630	3.667	4.157	4.354	4.858	5.074	5.450	5.150	55942	SERTAD1	NM_018820_7_+1
Socs6	3.735	3.827	4.413	4.388	3.759	3.672	4.284	4.737	6.460	6.546	54607	SOC6	NM_018821_18_-1
Sgsh	5.196	4.821	4.968	4.855	5.118	5.363	5.308	4.621	5.126	4.859	27029	SGSH	NM_018822_11_-1
Nfat5	2.088	2.520	2.882	2.617	3.132	3.513	3.649	1.652	2.741	3.599	54446	NFAT5	NM_018823_8_+1
Slc23a2	4.923	5.415	4.024	4.404	4.156	4.665	4.070	4.348	4.507	5.084	54338	SLC23A2	NM_018824_2_-1
Sh2b2	4.878	5.056	3.706	3.691	3.698	3.611	3.362	2.779	4.254	3.948	23921	SH2B2	NM_018825_5_-1
Crlf1	-2.278	-0.387	-4.952	-3.859	-4.968	-3.517	-3.960	-3.040	-4.981	-4.981	12931	CRLF1	NM_018827_8_+1
Fnbp4	5.804	5.819	6.582	6.247	6.867	6.685	6.479	6.147	6.443	6.263	55935	FNBP4	NM_018828_2_+1
Ap3m1	6.176	6.285	6.080	6.123	6.004	6.252	5.835	6.113	6.817	7.012	55946	AP3M1	NM_018829_14_-1
Asah2	0.918	-0.293	0.506	-0.265	-2.998	-3.577	-1.813	-2.748	-0.922	-0.682	54447	ASAH2	NM_018830_19_-1
Dclre1a	2.845	1.756	4.116	3.832	3.371	3.339	3.058	3.350	3.970	3.683	55947	DCLRE1A	NM_018831_19_-1
Magix	-4.981	-4.981	-4.928	-4.570	-4.972	-4.782	-4.571	-4.934	-4.981	-4.981	54634	MAGIX	NM_018832_X_-1
Samhd1	6.887	6.779	7.738	7.676	8.140	8.239	7.745	7.383	8.312	8.013	56045	SAMHD1	NM_018851_2_-1
Rplp1	8.967	8.055	9.434	8.776	9.120	8.495	9.312	8.553	7.805	6.950	56040	NA	NM_018853_9_-1
Ift20	6.422	6.254	5.342	5.205	5.132	5.356	5.218	5.285	4.500	4.556	55978	IFT20	NM_018854_11_+1
Gas8	3.942	3.992	3.086	3.118	2.242	2.389	1.927	2.495	2.567	2.775	104346	GAS8	NM_018855_8_+1
Pebp1	7.711	7.541	7.160	7.308	6.978	7.109	6.640	6.875	5.493	5.279	23980	PEBP1	NM_018858_5_-1
Akr1e1	4.936	2.717	3.573	1.242	3.440	0.593	3.163	0.757	1.886	0.540	56043	AKR1E2	NM_018859_13_-1
Rpl41	9.740	9.775	10.024	9.942	9.797	9.792	9.965	9.982	9.084	8.855	67945	NA	NM_018860_10_-1
Slc1a4	-2.573	-2.895	-0.732	-1.199	-0.532	-1.434	-0.338	-0.500	-1.319	-1.161	55963	SLC1A4	NM_018861_11_-1
Agpat1	2.214	2.680	2.786	3.500	3.235	3.479	2.576	1.725	2.114	2.212	55979	AGPAT1	NM_018862_17_+1
Pdyn	-4.981	-4.981	-4.949	-1.722	-4.963	-4.963	-4.977	-4.980	-4.981	-4.981	18610	PDYN	NM_018863_2_-1
Impa1	6.367	6.481	5.990	6.249	6.432	6.428	6.073	6.021	5.695	5.795	55980	IMPA1	NM_018864_3_-1

Cxcl13	3.738	-1.693	-1.969	-2.501	-2.802	-3.560	-2.433	-1.812	-1.810	-4.981	55985	CXCL13	NM_018866_5_+1
Nop58	5.885	5.672	6.115	6.273	6.144	6.135	5.469	5.715	3.934	3.663	55989	NOP58	NM_018868_1_+1
Grk5	-4.981	-3.315	2.539	2.789	1.669	0.019	3.272	3.288	5.256	5.042	14773	GRK5	NM_018869_19_+1
Pgam2	7.759	6.065	0.771	1.123	0.001	2.327	-0.883	0.462	1.502	1.471	56012	PGAM2	NM_018870_11_-1
Ywhag	5.497	5.648	6.619	6.683	6.271	6.518	6.401	6.195	6.924	6.804	22628	YWHAG	NM_018871_5_-1
Tmem131	3.930	3.919	6.950	6.603	7.217	7.065	6.765	6.317	6.413	6.799	56030	TMEM131	NM_018872_1_-1
Srcin1	-3.843	-4.981	-4.959	-4.959	-4.980	-4.969	-3.088	-3.679	-4.981	-2.946	56013	SRCIN1	NM_018873_11_-1
Snx12	5.394	5.512	3.972	4.206	3.827	4.019	4.209	3.864	3.557	3.705	55988	SNX12	NM_018875_X_-1
Fut2	-4.981	-4.981	-4.229	-2.361	-4.336	-3.398	-4.973	-4.027	-4.981	-4.981	14344	FUT2	NM_018876_7_-1
Setdb1	2.874	2.739	4.444	3.752	4.167	3.761	4.599	3.561	5.026	4.092	84505	SETDB1	NM_018877_3_-1
Paxip1	3.764	3.644	3.958	3.714	4.447	4.085	4.045	4.099	4.999	4.764	55982	NA	NM_018878_5_-1
Nprl2	5.201	5.205	4.266	4.087	4.465	3.928	4.005	4.109	4.105	3.873	56032	NPRL2	NM_018879_9_+1
Trim3	2.778	3.123	3.181	2.325	1.529	1.184	2.333	2.222	3.636	2.726	55992	TRIM3	NM_018880_7_-1
Adgrg1	-0.290	-0.870	-3.329	-0.022	-1.838	-1.259	-0.189	-1.944	0.164	-0.431	14766	ADGRG1	NM_018882_8_+1
Camkk1	-0.418	0.495	2.211	1.878	3.639	2.916	2.323	1.908	1.321	0.642	55984	CAMKK1	NM_018883_11_+1
Lgals8	4.129	4.571	2.039	2.872	3.811	3.478	4.093	4.470	4.299	4.856	56048	LGALS8	NM_018886_13_-1
Cyp39a1	-4.558	-4.981	-4.572	-2.701	-1.539	-0.960	0.156	1.304	1.830	3.106	56050	CYP39A1	NM_018887_17_+1
Uqcc1	4.706	4.205	5.406	4.703	4.753	4.451	4.532	4.140	4.401	3.797	56046	UQCC1	NM_018888_2_-1
Pigb	2.296	2.690	2.669	2.736	2.535	2.606	2.419	2.419	2.872	2.913	55981	PIGB	NM_018889_9_-1
Cd86	4.158	3.097	8.851	8.892	6.786	7.515	6.304	7.093	5.354	5.257	12524	CD86	NM_019388_16_-1
Vcan	-4.981	-4.981	-4.965	-4.808	-4.929	-2.853	-4.533	-1.159	6.205	6.675	13003	VCAN	NM_019389_13_-1
Lmna	-0.313	-4.430	2.473	3.011	-1.123	-1.210	0.764	0.457	-3.013	-0.515	16905	LMNA	NM_019390_3_-1
Lsp1	-1.539	-4.981	-0.468	-0.981	-1.185	-1.552	-2.727	-3.729	-4.969	-3.664	16985	LSP1	NM_019391_7_+1
Tyro3	-4.981	-4.981	-4.811	-4.301	-4.592	-3.676	-4.626	-3.502	-4.981	-4.981	22174	TYRO3	NM_019392_2_+1
Exosc9	5.951	5.357	5.303	4.903	5.422	5.046	5.363	4.721	4.653	3.987	50911	EXOSC9	NM_019393_3_+1
Mia	-4.981	-4.981	-4.584	-4.179	-4.977	-4.977	-4.970	-4.431	-4.190	-3.498	12587	MIA	NM_019394_7_-1
Fbp1	-4.981	2.738	-4.962	-2.218	-4.999	-3.035	-4.959	-0.985	-1.106	1.637	14121	FBP1	NM_019395_13_-1
Cyhr1	4.557	4.331	4.026	3.934	4.329	4.011	4.046	3.832	4.144	3.992	54151	CYHR1	NM_019396_15_-1
Egfl6	-3.563	-2.133	-4.969	-3.596	-1.920	0.877	-3.359	-2.910	-4.981	-1.848	54156	EGFL6	NM_019397_X_-1
Rnase2b	0.338	-4.981	-4.981	-4.981	-4.981	-4.981	-4.772	-4.975	1.680	-3.378	54159	RNASE2	NM_019398_14_+1
Rabep1	5.854	6.008	5.972	5.585	6.115	6.253	5.724	5.520	5.024	5.233	54189	RABEP1	NM_019400_11_+1
Nmi	2.835	1.623	2.678	2.010	3.362	1.458	2.582	1.916	1.559	1.813	64685	NMI	NM_019401_2_-1
Pabpn1	6.652	6.661	6.528	6.571	6.822	6.816	6.717	6.662	6.041	6.075	54196	PABPN1	NM_019402_14_+1
Rnf5	6.849	7.116	6.055	6.370	6.166	6.494	5.981	6.162	5.761	5.861	54197	RNF5	NM_019403_17_-1
Avpr2	-4.751	-4.981	-3.710	-2.084	-2.532	-3.437	-4.009	-2.342	-0.148	-1.686	12000	AVPR2	NM_019404_X_+1
Cetn2	7.192	7.227	5.930	5.766	6.227	6.272	5.945	5.813	5.052	5.043	26370	CETN2	NM_019405_X_-1
Fnbp1	2.033	0.697	4.476	4.366	2.633	2.489	2.186	2.109	1.497	0.612	14269	FNBP1	NM_019406_2_-1
Nfkb2	2.032	0.149	2.789	2.184	3.674	2.840	3.385	3.288	2.794	3.644	18034	NFKB2	NM_019408_19_+1
Omg	-0.896	-2.344	-1.436	-2.787	-2.180	-1.488	-0.920	-3.179	-0.876	-1.424	18377	OMG	NM_019409_11_-1
Pfn2	1.991	2.630	0.220	0.845	2.252	2.116	1.369	-0.007	-1.189	-1.530	18645	PFN2	NM_019410_3_-1
Ppp2ca	8.535	8.562	8.502	8.456	8.618	8.626	8.302	8.417	8.378	8.541	19052	PPP2CA	NM_019411_11_+1
Prx	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.941	-3.962	-4.971	-4.981	19153	PRX	NM_019412_7_+1
Robo1	-4.981	-4.981	-4.961	-4.961	-4.978	-4.923	-3.244	-4.365	-4.981	-4.981	19876	ROBO1	NM_019413_16_+1
Selenbp2	-4.981	-3.093	-4.973	-2.535	-4.786	-2.807	-4.737	-0.814	-2.981	1.156	20342	SELENBP1	NM_019414_3_+1
Slc12a3	0.955	0.094	0.709	1.394	0.515	1.135	-1.841	-3.162	-3.552	-4.981	20497	SLC12A3	NM_019415_8_+1
Pdlim4	1.753	1.386	2.816	6.216	2.771	3.598	4.211	5.712	3.056	6.499	30794	PDLM4	NM_019417_11_-1
Tnfsf14	-3.028	-4.981	1.058	0.910	3.477	3.205	3.526	2.753	3.368	3.324	50930	TNFSF14	NM_019418_17_-1
Arl6ip1	8.027	8.296	8.371	8.619	8.353	8.441	8.323	8.471	8.276	8.372	54208	ARL6IP1	NM_019419_7_-1
B3galt4	3.820	3.568	3.679	3.375	3.371	3.193	3.922	3.789	4.591	4.290	54218	B3GALT4	NM_019420_17_-1
Cd320	3.477	3.621	3.095	3.142	2.660	2.575	2.416	2.919	1.151	1.479	54219	CD320	NM_019421_17_+1
Elov11	7.203	7.342	6.994	6.990	6.658	6.788	6.840	7.172	7.042	7.167	54325	ELOVL1	NM_019422_4_+1
Elov2	-4.981	-4.981	-4.981	-4.981	-3.881	-4.506	-4.848	-4.916	-2.022	-4.981	54326	ELOVL2	NM_019423_13_-1
Hps1	5.141	5.228	5.149	5.050	5.761	5.795	5.451	5.101	5.569	5.180	192236	HPS1	NM_019424_19_-1
Gnpnat1	5.603	5.701	5.772	5.710	5.336	5.400	5.413	5.093	4.429	4.351	54342	GNPNAT1	NM_019425_14_-1
Atf7ip	4.409	4.830	5.255	5.515	5.386	5.481	5.266	5.533	5.913	6.250	54343	ATF7IP	NM_019426_6_+1
Epb41l4b	-1.334	-3.408	-1.395	-0.880	0.385	0.750	-0.701	-1.705	-1.455	-4.981	54357	EPB41L4B	NM_019427_4_-1
Rpp30	5.242	5.211	4.493	4.568	4.709	4.422	4.754	4.717	3.755	3.823	54364	RPP30	NM_019428_19_+1
Prss16	-4.981	0.709	-2.528	-0.907	-4.527	-3.638	-1.070	0.355	-1.093	-3.205	54373	PRSS16	NM_019429_13_-1
Tmem37	0.599	-0.023	0.137	-1.578	1.136	-0.881	1.519	3.099	1.281	3.156	170706	TMEM37	NM_019432_1_-1
Mcm3ap	4.001	4.148	4.366	4.465	4.427	4.726	4.549	4.487	4.367	4.477	54387	MCM3AP	NM_019434_10_+1
Ndufb11	7.881	7.808	7.850	7.972	6.993	7.179	7.281	7.226	6.326	6.237	104130	NDUFB11	NM_019435_X_-1
Sit1	4.961	5.073	-0.078	-0.374	-3.569	1.031	-1.820	1.951	-1.151	-1.443	54390	SIT1	NM_019436_4_-1
Rfk	6.614	6.908	6.135	6.341	5.634	5.964	5.726	6.188	5.857	6.397	54391	RFK	NM_019437_19_+1
Ncapg	-2.366	-1.583	3.234	2.932	4.058	3.120	3.669	3.041	1.649	1.351	54392	NCAPG	NM_019438_5_+1
Gabbr1	0.453	1.648	3.587	3.535	3.977	4.787	2.499	2.280	-1.630	-3.138	54393	GABBR1	NM_019439_17_+1
Irgm2	2.317	0.978	3.798	3.063	4.442	3.378	4.846	3.779	5.766	4.706	54396	IRGM2	NM_019440_11_+1
Ppt2	-3.814	-0.354	1.094	0.824	-2.399	-1.597	-1.268	-1.250	-0.080	0.800	54397	PPT2	NM_019441_17_-1
Stk19	4.840	4.579	4.262	4.097	4.330	4.271	4.032	3.781	3.756	3.205	54402	STK19	NM_019442_17_-1
Ndufa1	8.101	7.943	7.441	7.289	7.155	7.383	7.529	7.363	6.641	6.412	54405	NDUFA1	NM_019443_X_-1
Ramp2	0.514	-1.620	-2.497	-2.506	-3.574	-2.254	-2.275	-1.965	-4.981	-3.853	54409	RAMP2	NM_019444_11_+1
Barhl1	-4.981	-4.981	-4.974	-4.980	-4.928	-4.978	-4.981	-4.981	-4.981	-4.981	54422	BARHL1	NM_019446_2_-1
Hgfac	-1.978	-4.981	3.157	2.624	2.938	2.583	1.619	-0.863	-3.531	-4.981	54426	HGFAC	NM_019447_5_+1
Dnmt3l	-4.981	-4.981	-4.967	-4.967	-4.909	-4.972	-4.975	-4.978	-4.981	-3.542	54427	DNMT3L	NM_019448_10_+1
Unc93b1	9.899	9.994	9.605	9.766	9.578	9.690	9.340	9.514	10.027	9.757	54445	UNC93B1	NM_019449_19_+1

Mefv	-4.981	-4.981	1.456	0.117	1.568	1.852	1.804	-0.519	2.110	2.311	54483	MEFV	NM_019453_16_-1
Dll4	3.879	3.884	-2.374	-1.885	-0.235	0.703	-1.796	-2.943	-2.022	-2.750	54485	DLL4	NM_019454_2_+1
Hpgds	4.148	3.227	3.383	4.561	4.711	5.603	3.797	3.703	-1.711	-0.442	54486	HPGDS	NM_019455_6_-1
Apbb1ip	5.773	5.728	5.477	5.394	6.809	6.919	6.555	6.360	6.565	6.665	54519	APBB1IP	NM_019456_2_+1
Paf1	5.908	6.008	5.571	5.675	5.919	5.909	5.774	5.703	5.599	5.565	54624	PAF1	NM_019458_7_+1
Nphs1	-4.981	-4.981	-4.599	-4.068	-3.896	-4.737	-3.326	-4.884	-4.981	-4.981	54631	NPHS1	NM_019459_7_+1
Sfmbt1	-0.971	0.636	-1.978	-2.280	-2.280	-3.053	-1.460	-0.199	-1.707	1.228	54650	SFMBT1	NM_019460_14_+1
Usp27x	-3.563	-0.312	-1.246	-1.245	-1.897	-1.008	-0.942	-2.050	-0.876	-0.142	54651	USP27X	NM_019461_X_-1
Sh3glb1	6.710	6.850	6.980	7.045	7.329	7.514	7.303	7.146	7.032	7.588	54673	SH3GLB1	NM_019464_3_-1
Crtam	-3.254	-4.981	-4.948	-3.764	-4.730	-4.472	-4.966	-2.611	-4.252	-3.692	54698	CRTAM	NM_019465_9_-1
Rcan1	1.917	0.259	0.511	2.844	2.705	3.278	3.985	4.797	3.504	4.523	54720	RCAN1	NM_019466_16_-1
Aif1	5.350	3.719	9.151	9.633	5.524	5.964	7.966	8.704	6.471	6.881	11629	AIF1	NM_019467_17_-1
G6pd2	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.972	-4.591	-3.584	-2.990	14380	NA	NM_019468_5_+1
Myo10	3.778	3.908	0.682	1.310	1.942	1.306	1.662	1.629	-0.492	0.665	17909	MYO10	NM_019472_15_+1
Acsl4	4.533	5.154	4.752	4.358	3.642	4.161	3.796	4.088	4.377	4.384	50790	ACSL4	NM_019477_X_-1
Pqbp1	4.534	4.567	3.942	4.092	3.937	3.839	3.758	4.113	2.931	3.326	54633	PQBP1	NM_019478_X_-1
Hes6	6.892	7.085	5.645	5.635	5.838	5.937	5.509	5.523	5.110	4.927	55927	HES6	NM_019479_1_-1
Ebag9	5.036	5.241	4.306	4.253	4.586	4.746	4.457	4.268	3.741	4.142	55960	EBAG9	NM_019480_15_+1
Panx1	5.909	6.319	4.053	3.979	5.379	5.326	5.431	5.373	5.163	5.444	55991	PANX1	NM_019482_9_-1
Alyref2	5.083	4.681	3.958	3.654	4.312	4.141	3.846	3.648	3.200	3.123	56009	NA	NM_019484_1_+1
Hebp2	-4.981	-4.981	-0.131	-0.224	-2.911	-3.229	-2.922	-2.936	-4.981	-4.981	56016	HEBP2	NM_019487_10_-1
Slc2a8	2.922	3.639	3.181	3.416	3.317	3.687	3.243	3.911	3.485	3.667	56017	SLC2A8	NM_019488_2_-1
Ppie	6.019	6.103	5.466	5.539	5.975	6.328	5.525	5.476	4.745	4.291	56031	PIIE	NM_019489_4_-1
Uso1	6.077	6.156	5.885	6.109	5.425	5.367	5.475	5.676	6.005	6.573	56041	USO1	NM_019490_5_+1
Rala	6.692	6.914	8.784	8.745	7.669	7.739	7.313	6.967	6.038	6.458	56044	RALA	NM_019491_13_-1
Rgs3	-4.810	-4.854	0.726	0.143	3.613	4.162	1.941	0.231	-4.848	-2.552	50780	RG3	NM_019492_4_+1
Cxcl11	-4.981	-4.981	0.458	-0.064	-2.823	-4.342	0.244	-1.168	-2.427	-3.446	56066	NA	NM_019494_5_-1
Ammeocr1	1.742	1.915	3.204	3.036	2.436	2.479	2.448	2.600	2.579	3.174	56068	AMMEOCR1	NM_019496_X_-1
Grk4	0.484	1.131	-2.559	-2.584	-1.106	-0.241	-0.754	-0.510	0.011	0.200	14772	GRK4	NM_019497_5_+1
Olfm1	-3.469	-1.335	5.441	6.582	2.654	2.112	5.952	6.955	7.427	8.024	56177	OLFM1	NM_019498_2_+1
Mad2l1	3.828	3.534	4.485	4.537	4.662	4.073	4.101	3.926	2.766	2.459	56150	MAD2L1	NM_019499_6_+1
Pdss1	2.673	2.530	2.474	2.572	1.992	1.520	1.883	1.972	2.516	2.044	56075	PDSS1	NM_019501_2_+1
Timm10b	7.060	6.603	6.525	6.040	6.014	6.080	6.431	6.250	5.871	5.833	14356	TIMM10B	NM_019502_7_+1
Fxyd1	-4.981	-4.981	-4.063	-4.349	-4.915	-4.974	-4.744	-4.673	-4.981	-4.981	56188	FXYD1	NM_019503_7_-1
Dgke	5.433	6.415	3.494	3.241	3.046	2.692	2.789	2.675	2.063	1.869	56077	DGKE	NM_019505_11_-1
Tbx21	-0.779	-3.315	0.158	-1.448	5.170	4.597	3.371	1.376	-1.695	-4.981	57765	TBX21	NM_019507_11_-1
Ramp3	-0.244	1.746	-1.634	-2.100	-1.715	-1.045	-1.835	-0.981	-1.532	-3.386	56089	RAMP3	NM_019511_11_+1
Lgals12	-4.981	-4.981	-4.801	-4.922	-4.981	-4.981	-4.974	-4.978	-4.981	-4.981	56072	LGALS12	NM_019516_19_-1
Bace2	-3.028	-4.981	-4.889	-2.658	-4.986	-4.561	-4.933	-3.697	-4.981	-3.210	56175	BACE2	NM_019517_16_+1
Grasp	2.598	3.830	3.149	3.098	5.142	4.662	3.464	3.050	1.216	0.447	56149	GRASP	NM_019518_15_+1
Rabggta	3.689	4.006	5.350	5.344	4.991	5.094	5.041	5.434	5.876	5.608	56187	RABGGTA	NM_019519_14_-1
Gas6	-0.257	-0.927	-1.973	-0.280	-1.409	-0.272	-1.742	0.968	-1.168	-1.416	14456	NAS6	NM_019521_8_-1
Dnah10	-4.981	-4.981	-3.155	-2.263	-4.950	-4.854	-4.981	-4.981	-4.981	-4.981	56087	DNAH10	NM_019536_5_+1
Psmg1	4.703	4.451	4.294	4.590	4.360	4.609	4.286	4.451	3.330	2.942	56088	PSMG1	NM_019537_16_-1
Pfp1	-4.981	-4.981	-0.926	-2.240	-4.257	-4.945	-4.772	-4.975	-4.981	-4.981	56093	NA	NM_019540_19_+1
Nagk	4.806	4.772	5.471	5.841	3.798	3.778	3.735	4.149	3.061	3.536	56174	NAGK	NM_019542_6_+1
Pigp	-0.701	1.426	0.693	0.206	-0.679	-0.793	-2.106	-2.315	-4.821	-4.890	56176	PIGP	NM_019543_16_-1
Rbm38	3.451	3.086	1.542	1.940	4.160	3.382	3.240	2.107	3.564	2.936	56190	RBM38	NM_019547_2_+1
Plek	7.679	7.924	8.639	8.588	8.713	8.734	9.076	8.906	8.903	9.034	56193	PLEK	NM_019549_11_-1
Ptbp2	4.137	4.141	4.716	4.263	3.936	3.560	4.097	3.664	3.323	3.605	56195	PTBP2	NM_019550_3_-1
Tdp2	4.734	4.193	4.600	4.016	4.366	3.965	4.654	3.989	3.768	3.342	56196	TDP2	NM_019551_13_+1
Acb10	2.517	3.083	2.981	3.838	3.246	4.225	3.235	4.496	4.289	4.533	56199	ACB10	NM_019552_8_-1
Ddx21	4.819	4.755	5.508	5.501	5.561	5.686	5.648	5.538	5.195	4.802	56200	DDX21	NM_019553_10_-1
Ensa	5.061	4.710	5.776	5.585	5.194	4.934	5.043	4.602	4.775	4.147	56205	ENSA	NM_019561_3_+1
Uchl5	5.609	5.519	5.105	5.145	5.036	4.744	4.945	4.560	3.968	3.520	56207	UCHL5	NM_019562_1_+1
Cited4	-0.395	-0.338	-0.560	1.034	1.104	3.195	2.311	3.361	2.758	2.874	56222	CITED4	NM_019563_4_+1
Htra1	-2.948	-4.981	-1.919	-2.523	-3.061	-0.399	-0.854	2.157	-4.981	-3.855	56213	HTRA1	NM_019564_7_+1
Zfp386	5.480	5.529	5.395	5.097	4.443	4.510	4.610	4.366	4.785	5.164	56220	ZNF386	NM_019565_12_+1
Rhog	8.331	8.475	8.039	8.350	8.950	9.067	8.708	8.829	8.846	8.852	56212	RHOG	NM_019566_7_-1
Acin1	-0.663	2.156	0.871	0.250	0.684	0.589	0.310	-2.855	-4.540	-4.784	56215	ACIN1	NM_019567_14_-1
Cxcl14	-4.981	-4.981	-4.962	-4.592	-4.976	-4.464	-4.928	-0.412	-4.981	-1.387	57266	CXCL14	NM_019568_13_-1
Fscn3	-4.981	-4.981	-2.811	-5.001	-4.759	-4.980	-4.958	-4.779	-2.343	-3.853	56223	FSCN3	NM_019569_6_+1
Rev1	3.037	3.606	3.649	3.602	4.312	4.515	3.961	3.781	3.814	3.601	56210	REV1	NM_019570_1_-1
Tspan5	0.944	1.174	-0.295	0.816	1.323	1.175	2.839	2.802	5.249	4.857	56224	TSPAN5	NM_019571_3_+1
Hdac7	-0.188	-0.406	-1.626	-0.130	-0.390	-1.300	0.620	0.424	2.574	2.003	56233	HDAC7	NM_019572_15_-1
Wwox	2.833	2.964	1.674	1.633	2.029	1.853	1.586	1.604	2.316	2.267	80707	WWOX	NM_019573_8_+1
Patz1	3.444	2.766	1.870	1.996	3.388	3.015	3.411	2.484	3.509	2.616	56218	PATZ1	NM_019574_11_+1
Scamp4	7.235	7.096	5.810	5.787	6.053	6.122	5.788	5.972	6.155	5.978	56214	SCAMP4	NM_019575_10_+1
Thsd1	-1.090	0.310	-1.160	-2.666	-2.838	-3.979	-2.263	-2.702	0.902	0.466	56229	THSD1	NM_019576_8_+1
Ccl24	0.692	0.400	-0.472	3.544	0.929	0.832	0.374	3.686	0.407	2.459	56221	CCL24	NM_019577_5_-1
Extl1	-2.268	-4.981	2.500	0.360	1.677	-1.049	1.808	-2.816	-4.981	-4.981	56219	EXTL1	NM_019578_4_-1
Mpp5	3.178	3.482	3.842	4.352	3.212	3.645	3.005	3.527	2.195	3.702	56217	MPP5	NM_019579_12_+1
Gde1	6.076	6.063	4.899	5.199	4.740	5.147	4.975	5.434	5.498	5.424	56209	GDE1	NM_019580_7_-1
Gtpbp2	3.991	3.037	3.511	3.273	3.266	3.661	3.552	3.242	3.786	3.660	56055	GTPBP2	NM_019581_17_+1

Cacna1f	-4.981	-4.981	-0.903	0.236	-2.685	-2.945	0.009	1.863	1.696	2.448	54652	CACNA1F	NM_019582_X_+1
Il17rb	4.522	5.208	-4.722	-2.808	-4.414	-2.866	-2.119	-2.033	-4.190	-2.795	50905	IL17RB	NM_019583_14_-1
Becn1	6.935	7.128	7.119	7.305	7.274	7.336	7.169	7.170	7.279	7.216	56208	BECN1	NM_019584_11_-1
Espn	-2.171	-4.981	-4.967	-3.828	-4.340	-4.714	-2.727	-4.725	-3.194	-2.530	56226	ESPN	NM_019585_4_-1
Ube2j1	5.676	5.794	6.619	6.581	6.359	6.403	6.409	6.503	6.606	6.722	56228	UBE2J1	NM_019586_4_+1
Plxnb3	-1.901	-2.583	-3.222	-2.815	-3.333	-4.403	0.359	0.394	2.385	1.108	140571	PLXNB3	NM_019587_X_+1
Plce1	-4.981	-4.981	4.375	4.133	-1.022	1.273	-2.891	0.403	-4.981	-4.981	74055	PLCE1	NM_019588_19_+1
Napb	-2.362	-0.390	-0.606	0.366	-3.549	-0.559	-2.924	-0.457	-0.258	1.447	17957	NAPB	NM_019632_2_-1
Tspan7	-0.722	-2.583	-4.118	-2.548	-3.249	-3.483	-3.500	-2.490	-3.925	-4.342	21912	TSPAN7	NM_019634_X_+1
Stk3	4.746	4.525	4.684	4.954	4.805	4.446	4.708	4.863	4.582	5.226	56274	STK3	NM_019635_15_-1
Tbc1d1	4.553	4.771	5.730	5.700	5.940	5.697	5.760	5.309	5.574	5.227	57915	TBC1D1	NM_019636_5_+1
Styx	3.147	3.189	3.716	3.614	3.252	2.977	3.243	2.763	2.426	2.821	56291	STYX	NM_019637_14_+1
Ubc	11.676	12.315	11.117	11.366	11.542	11.871	11.294	11.384	11.760	11.704	22190	UBC	NM_019639_5_-1
Pitpnb	4.640	4.594	4.789	4.998	4.662	4.552	4.435	4.628	4.274	4.489	56305	PITPNB	NM_019640_5_+1
Stmn1	4.326	2.902	7.300	6.284	8.115	6.512	7.137	5.511	4.366	2.469	16765	STMN1	NM_019641_4_+1
Rpn2	8.103	7.955	7.743	7.905	7.281	7.229	7.551	7.844	7.989	7.891	20014	RPN2	NM_019642_2_+1
Fam60a	4.023	3.419	6.436	6.409	6.363	6.135	5.556	5.178	4.374	4.164	56306	FAM60A	NM_019643_6_-1
Rpl21	9.435	7.682	9.679	8.391	9.564	8.286	9.845	8.325	8.133	6.639	19933	RPL21	NM_019647_5_+1
Metap2	7.116	7.188	6.851	7.202	6.771	7.105	7.004	7.347	6.635	7.014	56307	METAP2	NM_019648_10_-1
Clptm1	6.378	6.031	6.512	6.447	7.953	7.950	7.568	7.036	7.568	7.136	56457	CLPTM1	NM_019649_7_-1
Gosr2	6.660	6.724	7.703	7.677	7.768	7.435	7.567	7.586	7.648	7.795	56494	GOSR2	NM_019650_11_-1
Ptpn9	2.684	2.093	3.939	3.777	3.680	3.666	4.049	3.790	4.043	4.097	56294	PTPN9	NM_019651_9_+1
Asna1	4.848	4.874	4.744	4.901	4.463	4.428	4.604	4.638	4.895	4.809	56495	ASNA1	NM_019652_8_-1
Wsb1	5.942	6.176	6.940	7.095	6.424	6.503	7.311	7.510	8.340	8.502	78889	WSB1	NM_019653_11_-1
Socs5	3.377	3.486	4.286	4.212	3.131	3.349	3.824	3.516	3.151	3.562	56468	SOC5	NM_019654_17_+1
Adar	4.775	4.602	5.434	5.543	5.149	5.177	5.069	4.893	6.053	6.086	56417	ADAR	NM_019655_3_+1
Tspan6	0.868	1.721	-4.023	-1.353	-2.148	-1.129	-4.952	-0.777	-4.981	-3.480	56496	TSPAN6	NM_019656_X_-1
Hsd17b12	6.929	6.995	6.709	6.693	6.342	6.395	6.546	6.585	5.916	6.300	56348	HSD17B12	NM_019657_2_-1
Shoc2	3.708	4.187	5.036	5.255	4.684	4.561	4.615	4.797	5.019	5.118	56392	SHOC2	NM_019658_19_+1
Mycbp	4.665	4.807	4.746	4.827	4.419	4.352	4.716	4.419	4.125	4.059	56309	MYCBP	NM_019660_4_+1
Ykt6	4.651	4.462	5.474	5.386	5.345	5.218	5.210	5.160	5.807	5.784	56418	YKT6	NM_019661_11_+1
Rrad	5.810	5.635	6.002	6.306	7.696	7.442	6.530	6.003	3.754	4.140	56437	RRAD	NM_019662_8_-1
Pias1	6.274	6.477	6.700	6.672	7.146	7.062	6.794	6.865	6.873	6.892	56469	PIAS1	NM_019663_9_-1
Arl6	4.470	4.702	5.268	4.905	3.267	3.645	2.569	3.224	0.614	1.375	56297	ARL6	NM_019665_16_-1
Syncrip	4.937	4.553	5.310	5.314	5.268	5.081	4.829	4.766	3.943	3.640	56403	SYNCRIP	NM_019666_9_-1
Stam2	4.721	4.930	5.064	5.155	5.049	5.302	5.179	5.052	5.771	5.884	56324	STAM2	NM_019667_2_-1
Ube2a	7.504	7.358	6.550	6.659	5.713	5.779	6.667	6.682	6.558	6.729	22209	UBE2A	NM_019668_X_+1
Diaph3	-0.327	-1.459	1.843	1.551	2.307	2.159	1.689	1.336	-0.446	-0.301	56419	DIAPH3	NM_019670_14_-1
Net1	-0.439	1.631	1.254	0.587	1.265	2.009	1.724	0.971	1.405	-0.142	56349	NET1	NM_019671_13_-1
Actl6a	6.236	6.310	6.139	6.314	6.030	6.076	5.832	6.138	5.606	5.664	56456	ACTL6A	NM_019673_3_+1
Ppp4c	7.570	7.553	7.868	7.965	7.910	7.831	7.689	7.817	7.867	7.839	56420	PPP4C	NM_019674_7_-1
Plcd1	-4.981	-4.981	-3.154	-2.602	-3.774	-3.266	-2.799	-3.084	0.392	-0.145	18799	PLCD1	NM_019676_9_-1
Plcb1	-3.963	-4.981	-4.942	-4.551	-4.969	-4.864	-3.771	-0.488	4.534	4.326	18795	PLCB1	NM_019677_2_+1
Tfg	6.630	6.770	6.911	7.131	5.961	5.954	6.154	6.475	6.038	6.480	21787	TFG	NM_019678_16_-1
Fmn1	-4.981	-2.433	-1.824	0.243	-0.245	-0.672	0.112	-1.497	2.646	2.111	57778	NA	NM_019679_11_+1
Elf4	4.925	5.143	6.240	6.015	6.572	6.305	6.599	6.438	7.299	7.211	56501	ELF4	NM_019680_X_-1
Ncs1	-1.627	-4.981	-1.383	-3.082	-0.749	-2.954	-3.043	-3.063	-4.981	-4.981	14299	NCS1	NM_019681_2_+1
Dynll1	8.572	8.954	7.784	7.881	8.185	8.425	8.463	8.500	7.027	7.588	56455	DYNLL1	NM_019682_5_-1
Ankrd49	5.010	4.855	4.253	4.129	4.323	4.432	4.267	4.378	3.948	3.980	56503	ANKRD49	NM_019683_9_-1
Srpk3	4.340	5.645	-1.826	1.246	-0.810	1.869	0.746	3.464	-0.749	-0.952	56504	SRPK3	NM_019684_X_+1
Ruvbl1	5.866	6.082	6.272	6.310	5.293	5.469	5.435	5.586	4.798	4.638	56505	RUVBL1	NM_019685_6_+1
Cib2	5.850	5.886	0.937	1.682	2.591	3.174	3.165	3.372	3.774	3.749	56506	CIB2	NM_019686_9_-1
Slc22a4	-4.981	-1.318	-1.509	0.349	-0.923	0.936	1.580	1.865	4.062	3.941	30805	SLC22A4	NM_019687_11_-1
Rapgef4	-4.981	-4.981	-4.878	-4.092	-4.001	-3.706	-3.839	-4.613	-4.263	-4.463	56508	RAPGEF4	NM_019688_2_+1
Arid3b	4.332	4.496	5.333	5.007	3.398	3.410	3.127	3.877	3.623	3.419	56380	ARID3B	NM_019689_9_-1
Gnas	-2.592	-3.153	-4.561	-4.970	-4.280	-4.518	-3.965	-4.961	-4.242	-4.981	14683	GNAS	NM_019690_2_+1
Ddx39b	5.447	5.936	5.659	5.706	6.088	5.940	5.698	5.867	5.314	4.770	53817	DDX39B	NM_019693_17_+1
Letm1	5.582	5.623	5.445	5.553	5.814	5.723	5.634	5.648	5.872	5.844	56384	LETM1	NM_019694_5_-1
Pard6a	2.062	-0.679	-1.708	-4.535	-1.438	-2.071	-1.874	-4.628	-4.676	-4.967	56513	PAR6A	NM_019695_8_+1
Cpxm1	-4.981	-4.981	-2.783	-3.392	-3.024	-4.463	-2.255	-2.232	-0.249	-1.036	56264	CPXM1	NM_019696_2_-1
Aldh18a1	3.007	2.996	3.984	4.036	3.825	3.407	3.864	4.284	3.859	3.328	56454	ALDH18A1	NM_019698_19_-1
Fads2	5.507	5.364	0.564	0.250	-2.667	-1.264	-0.723	0.928	-2.305	-0.989	56473	FADS2	NM_019699_19_-1
Pus1	1.563	1.815	2.190	1.963	2.316	1.752	2.545	1.680	2.355	2.457	56361	PUS1	NM_019700_5_-1
Hbs1l	4.715	5.146	5.254	5.239	4.398	4.417	4.203	4.828	5.242	5.080	56422	HBS1L	NM_019702_10_+1
Pfcp	5.727	5.006	7.151	6.201	4.644	3.717	5.738	5.702	6.930	6.289	56421	PFKP	NM_019703_13_-1
Tmem115	5.098	5.140	4.716	4.690	4.304	4.576	4.598	4.838	5.427	5.500	56395	NA	NM_019704_9_+1
Rbck1	4.445	3.786	2.249	3.608	2.954	2.485	3.366	2.311	2.619	2.804	24105	RBCK1	NM_019705_2_-1
Rnf138	4.910	4.824	4.104	4.016	3.589	3.257	3.763	3.780	3.560	3.697	56515	RNF138	NM_019706_18_+1
Scoc	4.388	4.679	4.068	4.316	3.970	4.076	3.732	3.956	3.095	3.411	56367	SCOC	NM_019708_8_-1
Mbtps1	3.397	3.614	2.959	3.500	3.801	3.434	3.255	3.372	3.133	3.299	56453	MBTPS1	NM_019709_8_-1
Smc1a	6.209	6.394	6.514	6.490	7.029	6.911	6.867	6.862	6.526	6.568	24061	SMC1A	NM_019710_X_+1
Rbms2	3.437	3.856	2.846	3.110	3.357	3.937	3.454	3.920	3.639	3.757	56516	RBMS2	NM_019711_10_-1
Rbx1	8.766	8.758	8.336	8.197	8.303	8.224	8.508	8.150	7.498	7.253	56438	NA	NM_019712_15_+1
Rass2a	5.211	5.254	6.141	6.003	5.394	5.249	5.975	5.960	6.461	6.390	56289	RASSF1	NM_019713_9_+1

Kcmf1	6.265	6.098	6.197	6.219	5.880	5.826	5.810	5.800	5.999	5.854	74287	KCMF1	NM_019715_6_-1
Orc6	4.364	4.375	4.448	4.390	4.902	4.508	4.425	3.997	3.406	2.694	56452	ORC6	NM_019716_8_+1
Atl2	4.967	5.475	4.179	4.245	4.020	3.989	4.674	4.666	4.940	4.915	56298	ATL2	NM_019717_17_-1
Arl3	4.834	4.386	4.881	4.492	4.174	3.959	3.706	3.564	2.670	2.485	56350	ARL3	NM_019718_19_-1
Stub1	7.287	7.575	6.796	7.008	6.990	7.074	6.741	6.947	6.161	6.101	56424	STUB1	NM_019719_17_-1
Cyb561d2	5.958	5.839	5.037	5.115	4.765	4.803	4.643	4.661	4.249	3.872	56368	CYB561D2	NM_019720_9_-1
Mettl3	4.205	4.354	4.382	4.273	4.937	4.625	4.443	4.429	3.894	4.177	56335	METTL3	NM_019721_14_-1
Arl2	5.423	5.344	4.640	4.962	4.191	4.825	4.479	4.574	3.353	3.275	56327	ARL2	NM_019722_19_-1
Slc22a21	-2.178	-2.601	4.125	4.442	0.931	0.995	1.636	2.187	1.452	2.020	56517	NA	NM_019723_11_-1
Tle2	-1.550	-1.793	-4.933	-4.459	-3.289	-1.452	-2.510	-2.523	-2.131	-1.988	21886	TLE2	NM_019725_10_+1
Gps2	6.653	6.615	6.217	6.285	6.618	6.556	6.524	6.417	6.153	5.792	56310	GPS2	NM_019726_11_+1
Snx1	6.572	6.547	7.340	7.352	6.967	6.554	7.178	7.155	7.929	7.924	56440	SNX1	NM_019727_9_-1
Usp8	5.228	5.326	6.589	6.583	6.022	6.133	6.287	6.510	7.349	7.410	84092	USP8	NM_019729_2_+1
Nme3	6.549	6.846	3.570	3.919	3.993	4.322	4.474	4.736	3.966	3.827	79059	NME3	NM_019730_17_+1
Nme4	3.596	1.651	4.195	3.126	3.764	3.076	3.426	3.056	-0.176	-0.404	56520	NME4	NM_019731_17_-1
Runx3	5.150	5.196	4.871	4.906	6.878	6.735	6.386	5.709	5.019	5.112	12399	RUNX3	NM_019732_4_+1
Rbpms	2.191	0.008	0.635	0.636	1.010	-0.081	3.304	2.841	3.466	3.551	19663	RBPMS	NM_019733_8_-1
Asah1	9.294	8.615	9.068	8.080	8.133	7.213	8.390	7.968	9.194	8.876	11886	ASAH1	NM_019734_8_-1
Apip	6.035	5.913	5.597	5.570	5.363	5.483	5.510	5.270	3.823	4.106	56369	APIP	NM_019735_2_+1
Acot9	6.080	6.279	5.665	5.620	5.311	5.362	6.220	6.326	6.581	6.665	56360	ACOT9	NM_019736_X_+1
B4galt6	1.149	0.241	2.953	2.337	5.575	5.571	4.889	3.567	3.244	3.286	56386	B4GALT6	NM_019737_18_-1
Nupr1	-0.796	-2.153	-0.864	-0.196	1.105	1.788	6.276	6.152	6.603	6.648	56312	NUPR1	NM_019738_7_-1
Foxo1	5.286	5.358	6.254	6.169	5.307	5.536	5.673	5.968	5.089	5.322	56458	FOXO1	NM_019739_3_+1
Foxo3	0.205	1.246	0.083	0.307	0.953	0.836	0.935	0.746	1.916	1.575	56484	FOXO3	NM_019740_10_-1
Slc2a5	-0.161	-3.267	-3.347	-4.210	-2.822	-4.207	-4.861	-4.965	-3.531	-4.981	56485	SLC2A5	NM_019741_4_+1
Tusc2	5.771	5.750	4.607	4.828	5.141	5.372	4.997	5.093	4.790	4.811	80385	TUSC2	NM_019742_9_+1
Rybp	4.217	4.603	4.175	4.096	4.237	4.388	4.202	4.280	4.238	4.649	56353	RYBP	NM_019743_6_-1
Ncoa4	6.979	6.876	6.172	6.421	6.646	6.847	6.227	6.187	6.023	6.068	27057	NCOA4	NM_019744_14_+1
Pdcd10	7.642	7.537	6.888	6.645	6.831	6.848	6.869	6.722	6.442	6.643	56426	PDCD10	NM_019745_3_-1
Pdcd5	6.578	6.481	5.718	5.918	5.932	6.021	6.281	6.056	4.935	4.968	56330	PDCD5	NM_019746_7_-1
Zfp113	2.719	2.689	2.807	2.191	3.179	2.952	2.759	2.683	2.451	2.016	56314	ZNF3	NM_019747_5_-1
Sae1	6.345	6.365	6.091	6.255	6.399	6.258	6.058	6.063	5.286	5.191	56459	SAE1	NM_019748_7_-1
Gabarap	8.859	8.705	9.186	9.114	8.546	8.561	8.504	8.606	8.519	8.501	56486	GABARAP	NM_019749_11_+1
Nat6	4.481	4.400	3.099	3.174	3.693	3.396	3.699	3.495	3.951	3.808	56441	NAT6	NM_019750_9_+1
Htra2	5.066	4.738	6.162	6.622	6.706	6.886	6.774	6.755	6.010	6.150	64704	HTRA2	NM_019752_6_-1
Cdh17	-4.981	-4.981	0.685	2.005	3.618	5.885	0.533	2.163	-4.981	-2.969	12557	CDH17	NM_019753_4_+1
Tagln3	-3.843	-4.981	-3.840	-4.972	-4.985	-4.985	-2.771	-3.475	-3.043	-4.981	56370	TAGLN3	NM_019754_16_-1
Plp2	7.410	7.583	6.768	6.396	6.332	6.332	5.764	5.954	5.792	5.242	18824	PLP2	NM_019755_X_-1
Tubd1	3.333	4.073	2.311	2.816	3.414	3.349	2.472	2.823	2.491	2.339	56427	TUBD1	NM_019756_11_+1
Fzr1	5.813	5.849	5.554	5.721	5.946	5.851	5.971	5.798	5.808	5.740	56371	FZR1	NM_019757_10_-1
Mtch2	7.035	7.136	7.244	7.402	6.660	6.740	6.686	6.777	6.431	6.298	56428	MTCH2	NM_019758_2_+1
Dpt	-1.180	0.844	-4.975	-3.775	-3.979	-2.049	-4.509	-4.521	-4.981	-4.981	56429	DPT	NM_019759_1_+1
Serinc1	7.115	7.319	6.914	6.871	6.311	6.532	6.864	7.003	7.527	7.913	56442	SERINC1	NM_019760_10_-1
Nxt1	5.782	5.802	5.253	5.427	5.459	5.304	5.451	5.353	4.337	4.351	56488	NXT1	NM_019761_2_+1
Pkp3	7.383	7.216	5.929	5.360	6.214	5.543	5.525	4.623	3.937	2.879	56460	PKP3	NM_019762_7_+1
Spen	4.454	4.176	4.913	4.777	5.235	5.041	4.998	4.794	5.384	4.969	56381	SPEN	NM_019763_4_-1
Amotl2	-4.981	-4.981	-3.693	-1.660	-4.883	-3.100	-4.323	-0.985	2.185	2.945	56332	AMOTL2	NM_019764_9_+1
Clip1	3.527	3.679	5.299	5.008	5.667	5.549	5.897	5.448	6.369	5.911	56430	CLIP1	NM_019765_5_-1
Ptges3	6.662	6.851	6.732	6.772	6.856	6.840	6.795	6.636	5.739	6.114	56351	PTGES3	NM_019766_10_+1
Arpc1a	6.770	6.516	6.352	6.321	6.481	6.361	6.080	5.856	6.418	6.242	56443	ARPC1A	NM_019767_5_+1
Morf4l2	-1.063	-0.913	-2.162	-4.696	-2.425	-4.771	-2.091	-2.533	0.846	-0.211	56397	MORF4L2	NM_019768_X_-1
Chp1	5.698	6.526	5.998	7.231	5.773	6.765	5.954	7.183	7.014	8.020	56398	CHP1	NM_019769_2_+1
Tmed2	9.693	9.601	8.728	8.817	8.381	8.286	8.515	8.869	9.265	9.362	56334	TMED2	NM_019770_5_+1
Dstn	5.642	5.534	7.198	6.862	6.886	6.892	7.162	7.105	7.934	8.002	56431	DSTN	NM_019771_2_+1
1110004F10Rik	7.810	8.005	6.970	7.001	7.219	7.277	7.229	7.086	6.544	6.543	56372	C11orf58	NM_019772_7_+1
Rab9	5.613	5.792	5.066	4.962	4.689	4.551	4.977	4.783	4.672	4.622	56382	RAB9A	NM_019773_X_-1
Akap8	6.076	6.118	6.038	5.915	6.555	6.508	6.531	6.281	6.471	6.417	56399	AKAP8	NM_019774_17_-1
Snd1	6.318	6.278	6.706	6.746	6.501	6.268	6.640	6.916	7.534	7.402	56463	SND1	NM_019776_6_+1
Ikbke	2.760	2.673	-2.021	1.309	-2.988	1.081	1.368	3.525	5.867	6.014	56489	IKBKE	NM_019777_1_-1
Zbtb20	1.507	2.536	1.233	1.100	0.158	0.454	1.211	1.803	1.915	2.153	56490	ZBTB20	NM_019778_16_+1
Cyp11a1	-4.981	-4.981	-4.886	-3.588	-4.736	-2.056	2.666	-1.968	-4.981	-4.981	13070	CYP11A1	NM_019779_9_+1
Vps29	7.539	7.506	7.186	7.064	6.728	6.680	6.768	6.735	6.077	6.102	56433	VPS29	NM_019780_5_+1
Pex14	4.476	4.692	3.780	3.805	3.899	3.831	4.009	3.786	4.327	3.813	56273	PEX14	NM_019781_4_-1
P3h1	-4.584	-4.561	-4.770	-4.365	-4.977	-4.979	-3.828	-4.778	-4.434	-4.851	56401	P3H1	NM_019782_4_+1
P3h1	1.586	2.170	1.339	2.414	1.813	1.731	0.768	1.905	2.239	2.818	56401	P3H1	NM_019783_4_+1
Actr10	7.001	7.269	6.554	6.598	6.584	6.660	6.463	6.565	6.349	6.414	56444	ACTR10	NM_019785_12_+1
Tbk1	5.412	6.018	5.990	6.504	5.821	6.724	5.880	6.256	6.082	6.691	56480	TBK1	NM_019786_10_-1
Sec23b	5.452	4.926	4.769	4.797	4.422	3.877	4.282	4.275	4.645	4.705	27054	SEC23B	NM_019787_2_+1
Bloc1s6	5.023	4.979	5.049	5.184	5.239	5.215	5.302	5.092	4.914	5.312	18457	BLOC1S6	NM_019788_2_+1
Kcni3	1.101	-4.981	3.939	1.453	5.001	3.019	4.582	1.735	-0.189	-3.763	56461	KCNIP3	NM_019789_2_-1
Maged1	5.900	6.334	1.578	2.776	2.320	2.724	0.567	2.518	0.694	1.188	94275	MAGED1	NM_019791_X_-1
Tspan3	6.967	6.943	8.128	7.387	8.314	6.899	7.983	6.181	4.766	4.967	56434	TSPAN3	NM_019793_9_-1
Dnaj2	7.135	7.207	7.111	7.243	7.430	7.403	7.313	7.282	7.082	7.246	56445	DNAJ2	NM_019794_8_-1
Dnajc7	10.083	9.905	7.629	7.508	7.948	8.161	7.559	7.513	7.047	6.950	56354	DNAJC7	NM_019795_11_-1

Syncrip	5.516	5.597	5.446	5.507	5.784	5.706	5.838	5.352	4.772	5.280	56403	SYNCRIP	NM_019796_9_-1
Trip4	4.148	4.344	3.812	3.807	3.979	3.988	3.695	3.523	3.908	4.073	56404	TRIP4	NM_019797_9_-1
Pde4a	4.706	4.893	0.662	0.019	-0.828	-0.029	0.122	0.022	-3.748	-4.747	18577	PDE4A	NM_019798_9_+1
Rhcg	-4.981	-4.981	-4.938	-4.938	-4.981	-4.981	-4.979	-4.986	-2.871	-3.758	56315	RHCG	NM_019799_7_-1
Acp6	4.972	4.697	4.800	4.791	4.418	4.582	4.439	4.543	4.164	4.144	66659	ACP6	NM_019800_3_+1
Ggcx	2.349	2.123	2.750	1.631	1.593	0.806	2.355	0.421	3.128	1.387	56316	GGCX	NM_019802_6_+1
Ube2g2	5.429	5.390	6.206	6.475	6.126	6.132	6.154	5.952	5.613	5.542	22213	UBE2G2	NM_019803_10_+1
B4galt4	2.723	0.739	4.903	4.574	4.212	2.976	4.683	3.782	2.870	2.331	56375	B4GALT4	NM_019804_16_+1
Anapc7	4.898	4.675	4.595	4.454	4.805	4.532	4.609	4.664	4.740	4.439	56317	ANAPC7	NM_019805_5_+1
Vapb	3.306	3.420	4.259	4.137	3.780	3.922	4.376	4.448	5.265	5.385	56491	VAPB	NM_019806_2_+1
Acpp	-4.981	-4.981	-3.821	-3.651	-4.810	-4.056	-2.041	-2.501	0.164	-2.063	56318	ACPP	NM_019807_9_-1
Pdlim5	2.335	3.213	6.054	6.123	4.796	4.546	5.451	5.457	6.584	6.456	56376	PDLM5	NM_019808_3_-1
Pdlim5	0.383	1.126	3.099	3.631	2.648	2.597	2.298	2.327	2.645	3.067	56376	PDLM5	NM_019809_3_-1
Acss2	3.375	3.335	3.634	3.617	2.824	2.282	3.853	4.409	4.765	4.784	60525	ACSS2	NM_019811_2_+1
Sirt1	4.396	3.973	4.268	3.991	4.453	4.122	4.341	4.114	3.992	4.380	93759	SIRT1	NM_019812_10_-1
Dbn1	-4.063	-4.981	6.068	5.472	1.535	1.719	-0.423	1.685	-1.918	-3.173	56320	DBN1	NM_019813_13_-1
Higd1a	6.263	6.030	6.205	5.964	6.154	5.918	6.405	6.041	5.506	5.240	56295	HIGD1A	NM_019814_9_-1
Aatf	5.335	5.300	5.318	5.463	5.078	5.236	4.905	5.148	4.494	4.508	56321	AATF	NM_019816_11_-1
Copz1	8.203	8.199	7.781	7.991	7.705	7.705	7.798	7.935	8.264	8.160	56447	COPZ1	NM_019817_15_+1
Timm22	5.833	5.862	5.274	5.503	5.037	5.192	5.072	5.235	4.346	4.179	56322	TIMM22	NM_019818_11_+1
Dusp14	-4.981	-2.137	-1.462	-1.262	0.314	-0.985	-1.570	-0.810	-4.981	-4.981	56405	DUSP14	NM_019819_11_-1
Cbln3	-3.843	-3.280	-1.772	-3.073	-2.086	-3.658	-2.771	-4.642	-4.394	-4.981	56410	CBLN3	NM_019820_14_-1
Gltp	9.305	9.410	8.865	8.974	8.251	7.987	8.203	8.462	8.647	8.569	56356	GLTP	NM_019821_5_-1
Adrm1	6.773	6.772	6.275	6.489	6.445	6.397	6.317	6.331	5.952	5.730	56436	ADRM1	NM_019822_2_+1
Cyp2d22	-4.981	-3.513	-3.046	-2.782	-3.799	-3.188	-2.174	-1.683	-2.650	-0.284	56448	NA	NM_019823_15_-1
Arpc3	9.309	8.794	9.453	9.117	9.037	8.878	8.850	8.728	8.588	8.242	56378	ARPC3	NM_019824_5_+1
Ncoa6	3.129	3.231	3.730	3.558	3.710	3.422	3.880	3.641	4.981	4.840	56406	NA	NM_019825_2_-1
Ivd	5.815	5.920	5.456	5.439	5.572	5.301	5.356	5.212	4.690	4.477	56357	IVD	NM_019826_2_+1
Gsk3b	4.845	4.835	5.169	4.850	5.307	5.201	5.035	4.925	4.813	4.802	56637	GSK3B	NM_019827_16_+1
Trpc4ap	1.549	3.269	3.431	3.146	2.661	1.532	1.912	2.778	4.058	3.470	56407	TRPC4AP	NM_019828_2_-1
Stx5a	4.553	4.521	4.803	5.000	4.332	4.514	4.627	4.724	5.483	5.188	56389	STX5	NM_019829_19_+1
Prmt1	3.409	3.643	3.353	2.985	2.775	1.501	2.450	2.073	2.150	1.634	15469	PRMT1	NM_019830_7_-1
Zmym3	3.326	3.361	3.181	2.564	4.062	3.650	3.084	3.021	3.120	3.063	56364	ZMYM3	NM_019831_X_-1
Gkap1	1.764	2.014	2.662	2.935	1.844	2.148	0.989	0.965	0.050	0.900	56278	GKAP1	NM_019832_13_-1
Fam69b	1.306	1.448	-1.492	-1.189	-0.689	-0.596	-2.820	-0.877	-1.598	-3.210	56279	FAM69B	NM_019833_2_+1
Git2	4.768	4.714	5.096	4.900	5.420	5.414	5.183	5.183	6.216	6.123	26431	GIT2	NM_019834_5_-1
B4galt5	4.825	4.515	4.186	3.918	5.048	4.810	5.382	5.088	6.287	6.293	56336	B4GALT5	NM_019835_2_-1
Noa1	3.814	3.773	4.370	4.353	4.190	4.008	4.137	4.029	4.502	4.397	56412	NOA1	NM_019836_5_-1
Nudt3	5.518	5.314	5.784	5.900	6.003	5.979	5.707	5.610	5.472	5.286	56409	NUDT3	NM_019837_17_-1
Pde4b	-4.981	-4.981	-4.981	-4.976	-3.985	-4.080	-4.980	-4.981	-4.981	-4.968	18578	PDE4B	NM_019840_4_+1
Ctsf	1.287	3.318	0.359	1.138	0.051	2.196	1.340	3.377	1.561	3.499	56464	CTSF	NM_019861_19_+1
Atr	3.820	3.805	3.912	3.766	4.370	4.055	4.125	3.569	3.601	3.348	245000	ATR	NM_019864_9_+1
Rpl36a	7.215	7.212	7.451	7.459	7.156	7.199	7.755	7.468	5.853	5.745	19982	NA	NM_019865_X_+1
Spib	7.994	8.044	3.720	3.407	5.769	5.049	5.587	4.676	1.661	0.490	272382	SPIB	NM_019866_7_-1
Hnrnp2	7.150	7.099	7.370	7.354	7.258	7.168	7.281	7.321	7.149	7.455	56258	HNRNP2	NM_019868_X_+1
Rbm14	4.248	4.493	5.289	5.483	5.150	5.219	4.959	5.190	4.824	5.221	56275	RBM14	NM_019869_19_-1
Naa10	3.393	3.579	2.515	2.726	3.004	2.898	3.063	2.888	2.254	1.706	56292	NAA10	NM_019870_X_-1
Slc35g3	-4.981	-4.981	-4.974	-4.222	-3.650	-3.215	-4.980	-4.464	-4.981	-4.981	56293	SLC35G6	NM_019871_11_-1
Dmrtb1	-4.981	-4.981	-4.460	-0.955	3.017	4.364	0.797	1.477	-2.206	-0.326	56296	DMRTB1	NM_019872_4_-1
Fkbp1	2.056	2.341	2.218	2.144	1.428	0.877	1.744	1.675	3.081	2.602	56299	FKBP1	NM_019873_17_+1
Dnajb5	2.074	2.295	1.957	1.563	2.307	2.123	2.013	1.194	2.895	2.149	56323	DNAJB5	NM_019874_4_+1
Acbp9	-0.644	-1.199	-1.083	-1.267	-2.185	-2.221	-0.519	-0.041	0.848	0.564	56325	ACBP9	NM_019875_5_-1
Copz2	2.259	4.405	3.032	3.904	0.549	2.822	0.590	2.219	-0.317	0.844	56358	COPZ2	NM_019877_11_+1
Sucg1	7.808	7.453	7.656	7.554	7.237	7.399	6.785	6.894	6.310	6.279	56451	SUCG1	NM_019879_6_+1
Mtch1	6.638	6.314	6.657	6.425	6.126	5.851	6.291	6.325	7.127	6.694	56462	MTCH1	NM_019880_17_-1
Uba52	9.378	9.165	9.865	9.774	9.744	9.568	9.868	9.630	8.862	8.571	22186	NA	NM_019883_8_-1
Tdo2	2.294	2.841	-4.517	-4.853	-1.534	-1.729	-2.335	-2.286	-3.461	-3.758	56720	TD02	NM_019911_3_-1
Ube2d2a	6.709	6.933	7.006	6.913	6.985	6.902	7.087	6.999	7.010	7.200	56550	UBE2D2	NM_019912_18_+1
Txn2	8.130	7.984	7.465	7.511	7.496	7.398	7.305	7.341	7.152	6.760	56551	TXN2	NM_019913_15_-1
Mllt11	4.256	4.306	3.104	2.817	3.232	2.677	3.135	2.571	2.406	2.445	56772	MLLT11	NM_019914_3_-1
Art2b	-2.842	-4.981	-2.976	0.538	-2.683	0.477	-3.218	1.956	-4.178	-0.374	11872	NA	NM_019915_7_-1
Vmn2r26	-4.981	-4.981	-4.948	-4.948	-4.979	-4.979	-1.609	-1.058	-3.925	-4.981	56552	NA	NM_019917_6_+1
Ltbp1	-4.981	-4.981	-4.796	-2.323	-4.920	-4.242	-4.949	-2.516	-4.834	-4.961	268977	LTBP1	NM_019919_17_+1
Lamt3	6.432	6.208	5.911	5.409	5.814	5.308	5.962	5.528	6.092	5.582	56692	LAMTOR3	NM_019920_3_+1
Akap10	4.187	4.246	5.043	4.929	5.448	5.528	5.377	5.387	6.195	6.223	56697	AKAP10	NM_019921_11_-1
Crtap	4.453	5.044	3.936	4.391	3.440	3.919	3.647	4.055	2.727	3.781	56693	CRTAP	NM_019922_9_-1
Itrp2	6.123	6.174	4.943	5.661	5.324	6.400	5.387	6.307	5.114	5.775	16439	ITPR2	NM_019923_6_-1
Rps6ka4	5.058	5.128	5.011	5.035	6.016	6.004	5.863	5.443	6.450	6.219	56613	RPS6KA4	NM_019924_19_-1
Gpr132	3.794	3.894	5.828	5.740	6.131	5.947	6.035	5.231	5.215	5.260	56696	GPR132	NM_019925_12_-1
Mtm1	1.590	1.256	2.372	1.533	1.308	0.709	0.431	1.994	2.720	2.234	17772	MTM1	NM_019926_X_+1
Arih1	5.083	5.266	5.827	5.570	5.254	5.220	5.361	5.586	5.941	6.115	23806	ARIH1	NM_019927_9_-1
Klk4	-4.981	-4.981	-4.981	-4.981	-2.750	-2.095	-3.751	-4.951	-4.981	-4.981	56640	KLK4	NM_019928_7_+1
Sumo3	7.886	7.747	7.803	7.881	7.438	7.340	7.264	7.252	6.736	6.318	20610	SUMO3	NM_019929_10_+1
Ranbp9	5.309	5.380	5.658	5.713	5.476	5.393	5.640	5.919	7.035	7.141	56705	RANBP9	NM_019930_13_-1

Pf4	2.772	1.238	0.996	3.724	1.399	0.819	2.531	3.305	1.879	1.771	56744	PF4	NM_019932_5_+1
Ptpn4	3.122	3.414	2.567	3.078	2.621	3.434	2.169	2.426	1.081	1.993	19258	PTPN4	NM_019933_1_-1
Ovol1	0.085	0.358	-1.855	-1.268	0.975	0.779	0.177	-1.528	-0.033	-0.412	18426	OVOL1	NM_019935_19_-1
Cript	7.574	7.547	7.047	6.942	6.723	6.833	6.929	6.726	6.528	6.576	56724	CRIP1	NM_019936_17_+1
Ccnl1	7.744	7.741	7.624	7.360	7.566	7.633	7.504	7.625	7.343	7.448	56706	CCNL1	NM_019937_3_-1
Mpp6	5.810	5.651	7.174	7.162	5.868	5.945	6.337	6.461	5.549	5.955	56524	MPP6	NM_019939_6_+1
Zfp111	0.904	-0.623	2.596	1.219	1.880	0.984	2.071	0.320	2.073	0.977	56707	ZNF226	NM_019940_7_-1
Zfp235	1.663	0.687	1.502	0.552	1.914	1.368	1.927	1.605	2.299	1.920	56525	ZNF235	NM_019941_7_+1
Sept6	3.286	2.487	3.995	3.806	2.909	2.598	2.530	2.572	2.231	1.669	56526	SEPT6	NM_019942_X_-1
Pap0lb	-4.981	-4.981	-4.961	-4.961	-2.404	-2.241	-4.841	-4.977	-4.981	-4.981	56522	PAP0LB	NM_019943_5_-1
Mast1	-1.830	-4.981	0.597	0.527	0.338	0.480	-0.383	-0.382	0.599	0.713	56527	MAST1	NM_019945_8_-1
Mgst1	2.634	0.894	1.254	2.022	2.111	2.579	4.372	4.955	8.971	8.789	56615	MGST1	NM_019946_6_+1
Clec4e	-4.981	-0.602	-4.316	-0.244	-4.019	1.002	4.316	4.180	6.451	7.090	56619	CLEC4E	NM_019948_6_-1
Ube2l6	6.468	5.931	6.457	6.777	5.573	5.775	6.702	6.474	6.594	6.125	56791	UBE2L6	NM_019949_2_+1
Chst5	-4.981	-4.981	-4.941	-4.941	-4.959	-2.573	-4.742	-4.952	-4.981	-4.981	56773	CHST6	NM_019950_8_-1
Sec11a	7.791	7.889	6.858	7.011	6.587	6.799	6.788	6.948	6.296	6.400	56529	SEC11A	NM_019951_7_-1
C1cf1	3.297	0.827	3.592	3.093	4.427	4.525	3.816	3.533	1.019	-1.877	56708	CLCF1	NM_019952_19_+1
Cnpy2	7.757	7.483	6.129	6.208	5.566	5.686	5.895	6.089	5.273	5.436	56530	CNPY2	NM_019953_10_+1
Ripk3	3.986	4.459	5.217	5.821	4.254	3.959	5.020	5.290	4.231	4.528	56532	RIPK3	NM_019955_14_-1
Dnase2b	-4.981	-4.981	-3.442	-4.967	-3.498	-4.748	-1.631	-4.628	-4.981	-4.981	56629	DNASE2B	NM_019957_3_-1
C1qtnf1	-3.438	-4.981	-4.783	-4.923	-4.961	-4.943	-4.932	-4.973	-4.981	-4.981	56745	C1QTNF1	NM_019959_11_+1
Pex3	5.854	5.618	5.028	4.980	4.983	4.900	5.147	4.868	4.910	4.704	56535	PEX3	NM_019961_10_-1
Stat2	6.455	6.282	6.085	5.597	6.740	6.526	6.128	5.852	6.883	6.314	20847	STAT2	NM_019963_10_+1
Dnajb12	4.246	4.213	4.239	4.323	4.225	4.389	4.255	4.367	4.027	3.920	56709	DNAJB12	NM_019965_10_+1
Mlycd	4.861	4.832	4.554	4.574	4.473	4.510	4.489	4.409	4.445	4.149	56690	MLYCD	NM_019966_8_+1
Arl10	2.652	2.766	2.442	2.507	2.926	3.182	2.956	3.045	3.030	3.599	56795	ARL10	NM_019968_13_+1
Plag1	-0.539	0.361	-2.195	-1.092	-2.538	-2.326	-2.025	-2.406	-1.417	-0.941	56711	PLAG1	NM_019969_4_-1
Pdgcfc	1.564	2.833	-2.226	-1.991	-1.193	-3.362	-1.280	-0.888	-4.981	-3.459	54635	PDGFC	NM_019971_3_+1
Sort1	5.024	5.906	4.553	4.035	5.247	5.663	4.506	4.175	6.658	6.689	20661	SORT1	NM_019972_3_+1
Son	5.415	4.794	5.591	5.388	6.614	6.252	6.892	6.623	5.155	4.548	20658	SON	NM_019973_16_+1
Klk11	-4.981	-4.981	-4.981	-4.981	-4.930	-4.956	-4.981	-4.981	-4.981	-4.981	56538	KLK11	NM_019974_7_+1
Hacl1	4.151	4.178	2.528	2.582	2.509	2.696	2.871	2.816	2.990	2.970	56794	HACL1	NM_019975_14_-1
Psrc1	1.667	0.579	0.819	0.410	1.660	0.514	1.079	-0.041	-0.599	-0.935	56742	PSRC1	NM_019976_3_+1
Selk	8.615	8.714	7.710	7.699	7.801	7.982	7.901	7.822	7.239	7.225	80795	SELENOK	NM_019979_14_+1
Litaf	9.205	9.491	7.628	7.800	5.717	5.878	7.245	7.437	8.396	8.106	56722	LITAF	NM_019980_16_-1
Sez6l	-4.405	-4.981	-4.562	-4.847	-4.412	-4.675	-4.750	-4.830	-4.981	-4.981	56747	SEZ6L	NM_019982_5_-1
Rabgef1	-0.672	-0.583	-2.991	-1.711	-0.100	-0.852	0.369	0.229	0.374	0.483	56715	RABGEF1	NM_019983_5_+1
Tgm1	-3.446	-3.235	-4.151	-4.429	-3.154	-4.686	-3.806	-4.739	-3.937	-3.152	21816	TGM1	NM_019984_14_-1
Clec1b	1.622	1.041	1.659	0.657	1.292	0.166	2.117	0.382	0.794	1.817	56760	CLEC1B	NM_019985_6_+1
Habp4	3.571	3.536	5.109	5.382	3.660	4.114	3.808	4.138	4.685	4.184	56541	HABP4	NM_019986_13_+1
Ick	1.413	1.057	0.793	0.298	0.217	-1.953	0.825	1.160	2.016	2.432	56542	ICK	NM_019987_9_+1
Mlst8	3.046	2.684	1.770	3.234	2.537	3.613	3.261	3.508	3.503	3.866	56716	MLST8	NM_019988_17_-1
Sh3bgrl	6.706	6.687	8.369	8.416	8.072	8.381	8.375	8.384	8.074	8.904	56726	SH3BGRL	NM_019989_X_+1
Stard10	1.112	1.179	3.325	3.615	2.171	3.258	2.522	3.633	1.069	1.658	56018	STARD10	NM_019990_7_+1
Stap1	5.373	5.660	5.514	5.302	6.512	6.413	6.221	5.784	4.789	4.122	56792	STAP1	NM_019992_5_+1
Aldh9a1	5.966	5.910	6.314	6.493	5.597	5.531	6.068	6.424	6.213	6.500	56752	ALDH9A1	NM_019993_1_+1
Ralgapa1	2.768	2.050	2.840	2.714	3.310	2.451	2.137	1.586	1.127	1.336	56784	RALGAPA1	NM_019994_12_-1
Supt20	4.879	4.995	5.768	5.918	6.288	6.172	5.357	5.450	4.783	5.256	56790	NA	NM_019995_3_+1
Phax	5.954	6.028	5.765	5.799	5.550	5.355	5.535	5.348	5.247	5.078	56698	PHAX	NM_019996_18_+1
Alg2	4.757	4.955	3.987	4.181	3.658	3.734	3.864	4.032	3.292	3.379	56737	ALG2	NM_019998_4_-1
Pnk8	-1.828	0.040	0.466	1.143	1.234	0.388	0.191	-0.410	-1.073	-4.897	56695	PNK8	NM_019999_1_+1
Med8	5.934	5.826	6.053	6.186	6.039	5.956	6.006	6.026	5.877	5.917	80509	MED8	NM_020000_4_+1
Clec4n	4.480	2.301	2.982	3.477	4.765	5.781	5.374	6.600	3.340	4.366	56620	CLEC6A	NM_020001_6_+1
Rec8	-4.981	-4.981	0.743	-0.960	0.773	-2.083	-0.946	-1.308	-1.141	-2.734	56739	REC8	NM_020002_14_+1
Glmp	6.807	6.835	5.851	6.099	5.673	5.738	5.959	6.359	6.301	6.452	56700	GLMP	NM_020003_3_+1
Kat2a	0.599	1.626	2.922	1.919	2.811	2.005	2.197	2.122	3.218	2.722	14534	KAT2A	NM_020004_11_-1
Kat2b	0.019	2.266	1.317	1.690	0.467	1.279	1.248	0.454	2.320	2.403	18519	KAT2B	NM_020005_17_+1
Cdc42ep4	-4.684	-0.676	-0.268	-1.028	-4.888	-1.226	-2.230	-1.094	0.932	1.464	56699	CDC42EP4	NM_020006_11_-1
Mbnl1	5.927	5.547	6.946	7.190	7.194	7.350	6.417	6.925	6.851	7.324	56758	MBNL1	NM_020007_3_+1
Clec7a	-2.516	-2.098	1.719	2.611	2.173	2.885	4.670	6.864	4.521	7.617	56644	CLEC7A	NM_020008_6_-1
Mtor	4.034	4.354	4.921	4.883	4.592	4.704	4.235	4.390	4.270	4.189	56717	MTOR	NM_020009_4_+1
Cyp51	6.459	6.703	5.784	4.734	5.141	5.146	5.417	5.695	5.148	5.759	13121	CYP51A1	NM_020010_5_-1
Sphk2	1.401	2.499	1.538	0.804	2.214	2.431	1.238	1.274	0.318	0.631	56632	SPHK2	NM_020011_7_-1
Rnf14	4.496	5.423	4.924	5.169	4.525	5.132	4.374	4.274	4.937	4.985	56736	RNF14	NM_020012_18_+1
Gfra4	-4.981	-3.656	-4.978	-4.666	-4.918	-4.963	-4.975	-4.752	-4.981	-4.639	14588	GFRA4	NM_020014_2_-1
Rfc2	6.502	6.481	6.042	6.307	6.880	6.828	6.622	6.631	6.388	6.129	19718	RFC2	NM_020022_5_+1
Taf10	7.684	7.508	7.528	7.551	7.625	7.770	7.747	7.488	6.637	6.461	24075	TAF10	NM_020024_7_-1
B3galt2	-0.011	-1.716	-1.227	-0.715	0.119	0.403	-0.889	-1.624	-2.053	-1.850	26878	B3GALT2	NM_020025_1_+1
B3galt1	6.332	7.120	-0.113	1.361	1.655	2.893	0.072	1.885	-0.352	2.506	26879	B3GALT1	NM_020026_3_-1
Prrc2a	2.044	2.382	3.063	3.371	3.150	3.316	3.159	2.182	2.281	2.551	53761	PRRC2A	NM_020027_17_-1
Lpar2	-1.245	-1.439	-1.954	-1.463	-1.898	-0.898	-1.972	-1.681	-2.989	-2.269	53978	LPAR2	NM_020028_8_+1
Raet1d	-4.981	-2.573	-4.782	-4.971	-4.535	-4.212	-2.819	-4.764	-2.900	-3.867	56554	NA	NM_020030_10_+1
Poll	-0.479	-2.137	3.348	3.179	3.482	3.037	3.157	2.850	3.124	3.026	56626	POLL	NM_020032_19_-1
Ankrd2	-1.123	-3.408	-3.475	-4.926	-3.681	-4.665	-3.778	-4.688	-4.981	-4.981	56642	ANKRD2	NM_020033_19_+1

Hist1h1b	-3.090	-0.356	2.744	2.275	3.604	2.729	2.696	1.418	1.571	0.131	56702	NA	NM_020034_13_-1
Pigo	0.946	0.277	1.564	2.575	1.954	1.586	-0.688	0.808	1.266	1.908	56703	PIGO	NM_020035_4_-1
Caln4	2.315	2.576	-4.552	-4.926	-4.820	-3.710	-4.980	-4.979	-2.871	-4.981	80796	CALML5	NM_020036_13_+1
Mocs1	-3.728	1.053	0.873	-0.290	0.497	0.369	1.770	2.377	4.335	4.250	56738	NA	NM_020042_17_+1
Lat2	7.343	7.759	5.381	5.963	5.773	6.221	6.443	6.916	6.077	6.002	56743	LAT2	NM_020044_5_-1
Nfu1	6.676	6.545	6.612	6.429	6.694	6.555	6.597	6.128	5.799	5.177	56748	NFU1	NM_020045_6_+1
Dhodh	4.694	4.852	3.715	3.796	4.099	4.390	3.979	4.069	3.929	3.536	56749	DHODH	NM_020046_8_-1
Tacstd2	-4.981	-4.981	-3.951	-1.225	-1.853	0.587	0.882	1.958	2.264	1.425	56753	TACSTD2	NM_020047_6_-1
Med20	5.424	5.553	4.949	5.128	4.980	5.108	4.950	5.230	5.003	5.070	56771	MED20	NM_020048_17_+1
Tmem9b	7.430	7.706	6.587	6.613	6.315	6.505	6.494	6.610	6.859	6.931	56786	TMEM9B	NM_020050_7_-1
Ascl3	-3.668	-4.981	-3.791	-4.678	-4.980	-4.980	-4.161	-3.623	-2.180	-1.416	56787	ASCL3	NM_020051_7_-1
Scube2	-4.981	-0.211	-2.756	-4.969	-4.015	-4.714	-4.934	-4.957	-4.981	-4.981	56788	SCUBE2	NM_020052_7_-1
Nrxn1	-4.981	-3.407	-4.967	-4.401	-3.534	-2.985	-4.981	-4.981	-4.981	-4.981	18189	NRXN1	NM_020252_17_-1
Nrxn2	-4.223	-1.329	-4.837	-4.576	-4.177	-4.962	-4.846	-4.361	-4.981	-4.110	18190	NRXN2	NM_020253_19_+1
Scand1	6.848	6.697	6.299	6.123	5.726	5.608	6.345	6.035	6.026	5.611	19018	SCAND1	NM_020255_2_-1
Zbtb33	2.163	1.952	1.904	0.679	-0.098	1.405	1.117	0.871	0.794	0.819	56805	ZBTB33	NM_020256_X_+1
Clec3i	6.118	4.525	4.188	3.946	5.837	4.359	5.967	4.701	6.633	5.968	93675	NA	NM_020257_6_+1
Slc37a2	5.810	4.660	1.902	-0.491	3.589	2.163	3.346	2.445	3.280	3.063	56857	SLC37A2	NM_020258_9_-1
Hhip	-3.349	-4.981	-4.923	-4.700	-4.976	-4.976	-4.981	-4.981	-4.981	-4.981	15245	HHIP	NM_020259_8_-1
Arhgap31	-0.479	-1.980	4.905	4.541	2.634	1.494	3.821	2.750	5.002	3.973	12549	ARHGAP31	NM_020260_16_-1
Psg23	-4.981	-2.499	-4.238	-3.686	-4.160	-3.800	-3.974	-3.959	-4.981	-3.697	56868	NA	NM_020261_7_-1
Zfp109	-0.760	-0.819	0.654	0.571	-0.198	-0.195	-0.935	-0.466	0.594	1.120	56869	NA	NM_020262_7_-1
Cacna2d2	-3.688	-2.954	-4.358	-2.524	-4.280	-3.237	-4.978	-4.670	-4.981	-4.052	56808	CACNA2D2	NM_020263_9_+1
Dkk2	-1.495	-4.981	-2.190	-2.187	3.610	2.898	1.230	0.666	-3.750	-0.922	56811	DKK2	NM_020265_3_+1
Dnajb2	0.293	1.512	-1.601	-0.500	-0.908	0.423	-2.430	-1.221	-1.313	-1.545	56812	DNAJB2	NM_020266_1_+1
Trim44	5.607	5.811	5.995	5.784	5.770	5.777	5.686	5.414	5.366	5.487	80985	TRIM44	NM_020267_2_-1
Klik1b27	9.125	9.450	-4.804	-0.669	-4.845	-0.560	-4.953	0.728	-3.531	-4.981	16619	KLK3	NM_020268_7_+1
Scamp5	-1.779	-4.119	-2.109	-2.271	-2.815	-4.240	-0.331	-2.349	-2.569	-2.222	56807	SCAMP5	NM_020270_9_-1
Pdpx	2.896	2.429	2.823	2.888	4.044	4.157	2.937	2.710	1.162	0.972	57028	PDXP	NM_020271_15_+1
Pik3cg	2.092	1.240	4.748	2.610	4.795	4.264	4.284	4.365	5.413	5.135	30955	PIK3CG	NM_020272_12_-1
Gmeb1	2.559	3.535	3.015	2.759	3.182	2.877	2.871	2.872	2.822	2.675	56809	GMEB1	NM_020273_4_-1
Tnfrsf10b	2.037	2.159	0.824	0.902	-0.069	-0.361	-0.716	-0.453	-1.554	-1.777	21933	TNFRSF10A	NM_020275_14_+1
Nsmf	-0.316	-3.366	0.562	-2.951	-1.023	-1.698	-0.189	0.267	-3.799	1.073	56876	NSMF	NM_020276_2_+1
Trpm5	-4.981	-4.981	-3.737	-4.977	-4.601	-4.933	-4.981	-4.981	-4.981	-4.981	56843	TRPM5	NM_020277_7_-1
Ccl28	-3.090	-2.681	-4.969	-4.969	-4.491	-4.829	-4.961	-4.946	-4.981	-4.981	56838	CCL28	NM_020279_13_+1
Nqo2	1.019	1.307	1.554	2.492	0.722	1.836	0.691	1.798	2.421	2.548	18105	NQO2	NM_020282_13_+1
B3galt1	-4.981	-4.981	-4.964	-4.609	-2.808	-0.328	-4.966	-4.705	-4.981	-4.981	26877	B3GALT1	NM_020283_2_+1
Tssc4	3.974	4.357	4.430	4.351	3.702	3.433	3.366	3.475	3.100	2.884	56844	TSSC4	NM_020285_7_+1
Tspan32	-4.655	-4.430	-1.316	0.558	-1.356	0.240	0.578	3.471	3.092	3.457	27027	TSPAN32	NM_020286_7_+1
Insm2	-2.336	-4.981	-4.276	-3.072	-3.643	-3.312	-3.270	-4.506	-4.981	-4.227	56856	INSM2	NM_020287_12_+1
Lmbr1	1.666	1.504	-0.335	0.229	0.411	1.180	0.253	0.804	0.553	0.846	56873	LMBR1	NM_020295_5_-1
Rbms1	-4.523	-1.404	-2.344	-2.843	-4.829	-4.377	-4.653	-2.272	-0.741	-1.668	56878	RBMS1	NM_020296_2_-1
Dolpp1	3.512	3.940	3.762	3.994	3.979	3.681	3.876	3.825	4.276	4.198	57170	DOLPP1	NM_020329_2_+1
Gtf2ird1	-0.594	0.182	-0.903	-0.229	-0.021	-1.282	0.345	-1.332	-2.304	0.387	57080	GTF2IRD1	NM_020331_5_-1
Ank	2.463	3.054	2.668	2.936	5.767	5.940	6.005	5.644	4.797	5.388	11732	ANKH	NM_020332_15_+1
Slc12a5	-4.981	-4.981	-3.511	-3.087	0.046	1.952	-2.121	-3.164	-3.925	-1.465	57138	SLC12A5	NM_020333_2_+1
Sap30bp	6.441	6.316	5.096	5.108	5.357	5.252	5.200	5.273	5.165	4.930	57230	SAP30BP	NM_020483_11_+1
Bcam	-0.929	-4.981	-4.947	-4.322	0.771	-3.482	-1.222	-2.102	-4.981	-4.316	57278	BCAM	NM_020486_7_-1
Prss21	-1.636	-0.768	-4.975	-4.870	-4.981	-4.981	-4.952	-4.932	-4.981	-4.227	57256	PRSS21	NM_020487_17_+1
Ltb4r2	-4.981	-4.981	-4.947	-3.904	-4.356	-4.942	-2.560	-1.668	-1.319	-0.895	57260	LTBR2	NM_020490_14_+1
Sscca1	5.310	5.036	4.477	4.407	4.349	4.395	4.478	4.391	3.376	3.039	56390	SSSCA1	NM_020491_19_-1
Srf	3.793	3.685	4.826	4.586	4.615	4.389	4.365	4.137	4.398	4.337	20807	SRF	NM_020493_17_-1
Ddx24	6.557	6.368	6.282	6.144	6.956	6.840	7.088	6.671	6.986	6.493	27225	DDX24	NM_020494_12_-1
Zfp276	2.960	3.309	5.176	5.009	3.612	3.670	3.748	4.194	5.210	5.274	57247	ZNF276	NM_020497_8_+1
Ly6i	2.377	-2.485	2.966	-0.466	0.682	-4.306	5.411	0.728	4.831	1.786	57248	NA	NM_020498_15_-1
Cldn13	-4.981	2.314	-0.748	3.365	0.945	4.169	0.628	4.255	-1.455	0.961	57255	NA	NM_020504_5_-1
Vav3	3.332	3.392	6.231	5.920	5.041	4.781	5.498	5.556	6.400	6.482	57257	VAV3	NM_020505_3_+1
Xpo4	2.386	2.462	2.867	2.592	3.998	3.392	2.932	2.891	2.941	3.002	57258	XPO4	NM_020506_14_-1
Tob2	4.458	4.179	5.648	5.254	6.562	6.102	6.113	5.264	6.236	5.725	57259	TOB2	NM_020507_15_-1
Brd4	4.658	4.162	3.837	3.266	3.808	3.811	4.156	3.548	3.069	3.482	57261	NA	NM_020508_17_-1
Retnla	-4.981	-4.981	-4.981	-4.981	-4.966	-4.481	-1.479	-3.795	-4.981	-4.981	57262	NA	NM_020509_16_+1
Fzd2	-4.981	-4.981	-4.978	-4.197	-4.961	-4.783	-4.927	-4.698	-4.981	-4.981	57265	FZD2	NM_020510_11_+1
Olfrl509	-4.981	-2.275	-4.981	-4.981	-4.610	-4.197	-4.971	-4.805	-4.981	-4.981	57271	OR4E2	NM_020514_14_+1
Lenep	0.919	1.177	0.864	0.518	1.381	1.366	1.366	0.349	1.197	1.110	57275	LENEP	NM_020517_3_-1
Vsig2	-4.981	-4.981	-3.963	-2.126	0.214	1.550	-2.078	-1.837	-4.981	-4.981	57276	VSIG2	NM_020518_9_+1
Slc25a20	5.112	4.963	6.477	6.207	4.998	5.053	4.987	5.325	5.246	5.345	57279	SLC25A20	NM_020520_9_+1
Cmpk2	2.601	1.743	1.838	1.353	3.391	2.014	4.098	3.945	6.717	6.488	22169	CMPK2	NM_020557_12_+1
C1d	7.183	6.967	6.543	6.505	6.684	6.716	6.770	6.558	6.032	6.448	57316	C1D	NM_020558_11_+1
Alas1	5.626	5.877	4.730	5.260	5.786	6.290	5.612	5.790	6.280	6.317	11655	ALAS1	NM_020559_9_-1
Mrps31	4.869	5.002	4.091	4.023	4.082	4.230	3.839	4.144	3.774	3.763	57312	MRPS31	NM_020560_8_+1
Smpdl3a	4.800	4.286	6.249	6.290	5.470	5.713	7.773	8.074	10.178	10.071	57319	SMPDL3A	NM_020561_10_+1
Dnajc4	5.159	4.992	4.166	4.178	4.277	4.173	4.598	4.298	4.418	3.978	57431	DNAJC4	NM_020566_19_-1
Gmnn	4.317	1.590	5.068	4.439	5.467	4.672	4.945	4.195	3.383	2.234	57441	GMNN	NM_020567_13_-1
Park7	8.361	8.260	7.695	7.672	7.914	7.843	7.701	7.522	6.296	5.979	57320	PARK7	NM_020569_4_-1

Xrcc2	1.333	1.287	0.852	0.828	1.238	1.160	1.384	1.548	1.893	1.101	57434	XRCC2	NM_020570_5_-1
Aurkc	-4.981	-4.822	-4.978	-4.968	-4.975	-4.979	-4.981	-4.981	-4.974	-4.954	20871	AURKC	NM_020572_7_+1
Kcne3	-1.884	-4.981	-3.495	-1.834	-3.495	-1.289	-3.984	-1.289	2.416	3.726	2.690	KCNE3	NM_020574_7_+1
March7	5.165	5.225	5.786	5.639	5.840	5.791	5.470	5.550	5.794	5.880	57438	MARCH7	NM_020575_2_+1
As3mt	6.041	5.929	4.732	4.991	4.110	4.172	4.392	4.732	3.918	4.299	57344	AS3MT	NM_020577_19_+1
Ehd3	-1.489	2.398	-4.076	0.340	-2.367	1.396	0.186	2.887	-1.161	0.806	57440	EHD3	NM_020578_17_+1
B4galt3	5.791	4.969	5.083	4.522	5.782	5.466	5.543	4.928	5.285	4.887	57370	B4GALT3	NM_020579_1_+1
Nelfcd	5.601	5.564	5.002	5.414	5.634	5.542	5.571	5.604	6.135	6.115	57314	NELFCD	NM_020580_2_+1
Angptl4	-1.670	-4.981	-0.339	-0.302	0.437	-0.392	-1.184	0.773	-1.635	-1.292	57875	ANGPTL4	NM_020581_17_-1
Atp5j2	7.978	7.684	7.780	7.789	7.655	7.618	7.938	7.776	6.854	6.658	57423	ATP5J2	NM_020582_5_-1
Isg20	3.781	2.650	2.638	3.340	5.368	5.006	4.932	4.722	4.584	4.311	57444	ISG20	NM_020583_7_+1
Terf2ip	4.424	4.317	4.440	4.559	3.973	4.036	4.139	4.330	4.141	4.464	57321	TERF2IP	NM_020584_8_+1
Golga7	4.295	4.385	5.003	5.284	4.826	5.231	4.710	4.957	4.666	4.640	57437	GOLGA7	NM_020585_8_-1
Herpud2	5.861	5.905	5.915	5.882	5.583	5.627	5.628	5.658	6.210	6.195	80517	HERPUD2	NM_020586_9_-1
Srsf4	5.683	5.714	5.376	5.186	5.688	5.464	5.397	5.423	5.683	5.364	57317	SRSF4	NM_020587_4_+1
Tmem183a	5.464	5.448	5.449	5.378	4.850	4.672	4.826	5.199	5.439	5.327	57439	TMEM183A	NM_020588_1_-1
Zfp467	-0.650	-3.769	-2.357	-1.573	-1.293	0.963	-0.427	-0.773	-3.682	0.788	68910	ZNF467	NM_020589_6_-1
Gabarapl1	5.425	5.691	4.704	4.792	4.591	4.255	4.963	4.796	4.559	4.876	57436	GABARAPL1	NM_020590_6_+1
Fbxo3	4.034	4.258	4.838	4.705	4.614	4.149	4.515	4.397	5.096	4.769	57443	FBXO3	NM_020593_2_+1
Zc3h8	2.035	2.420	2.882	2.173	2.642	1.608	2.790	1.699	2.515	1.408	57432	ZC3H8	NM_020594_2_-1
Egr4	-4.981	-4.981	-1.289	-3.835	-3.679	-2.826	-4.976	-3.256	-4.981	-3.480	13656	EGR4	NM_020596_6_-1
Rps14	10.244	10.516	10.322	10.564	10.045	10.416	10.405	10.670	9.498	9.696	20044	RPS14	NM_020600_18_+1
Tbl1x	4.497	4.198	4.874	4.994	4.442	4.266	4.143	3.717	4.579	4.462	21372	TBL1X	NM_020601_X_+1
Wdr46	4.310	4.404	4.545	4.848	4.581	4.517	4.654	4.802	5.190	4.755	57315	WDR46	NM_020603_17_+1
Jph1	-2.178	-3.315	-4.744	-4.974	-0.940	-2.030	-4.652	-3.712	-4.981	-2.609	57339	JPH1	NM_020604_1_-1
Jph3	-2.948	-1.439	-2.134	-3.663	-3.127	-3.676	-2.339	-4.870	-1.045	-4.981	57340	JPH3	NM_020605_8_+1
Parva	-1.901	-4.981	-3.948	-4.373	-4.516	-4.597	-3.195	-3.735	-4.981	-4.981	57342	PARVA	NM_020606_7_+1
Cramp1l	2.686	3.172	3.074	2.658	3.802	3.317	3.216	2.330	2.596	2.317	57354	CRAMP1	NM_020608_17_-1
Nrip3	-4.981	-3.408	-2.620	-2.152	-4.258	-2.691	-4.952	-3.721	-2.177	-3.816	78593	NRIP3	NM_020610_7_-1
Srd5a3	6.709	6.353	4.858	4.853	5.242	5.197	5.533	5.488	6.629	6.104	57357	SRD5A3	NM_020611_5_+1
Taf1b	5.280	4.587	4.503	3.752	4.703	4.055	4.836	4.176	5.329	4.526	21340	TAF1B	NM_020614_12_+1
Atp5c1	9.556	9.457	9.288	9.227	8.849	8.718	8.721	8.758	8.643	8.558	11949	ATP5C1	NM_020615_2_-1
Akip1	6.046	5.893	4.576	4.354	4.681	4.619	4.712	4.259	3.319	2.831	57373	AKIP1	NM_020616_7_+1
Smarce1	7.140	6.850	6.862	6.718	6.831	6.597	6.614	6.392	6.161	6.077	57376	SMARCE1	NM_020618_11_-1
Mogs	5.336	5.672	5.850	6.288	5.261	5.729	5.525	6.347	5.875	6.316	57377	MOGS	NM_020619_6_+1
Fam3b	-1.630	-2.353	-0.369	-0.862	-0.333	-0.360	-0.652	-3.051	-4.190	-4.227	52793	FAM3B	NM_020622_16_-1
Zbtb22	3.289	3.038	3.559	3.388	3.650	3.377	3.648	3.382	4.733	4.266	81630	ZBTB22	NM_020625_17_+1
Tmem27	-4.981	-4.981	3.472	4.403	-2.434	-2.909	-3.521	-4.158	-4.981	-4.981	57394	TMEM27	NM_020626_X_+1
Tk2	5.334	5.203	4.551	4.850	5.444	5.449	5.182	5.185	5.328	5.011	57813	TK2	NM_021028_8_-1
Abcc9	-4.981	-4.981	-4.951	-4.738	-4.881	-4.885	-4.578	-4.843	-4.483	-4.590	20928	ABCC9	NM_021041_6_-1
Abcc9	-4.981	-4.981	-4.944	-4.565	-4.806	-4.405	-4.504	-4.832	-4.249	-4.294	20928	ABCC9	NM_021042_6_-1
Cftr	-4.981	-4.981	-4.660	-0.871	-4.910	-4.516	-4.981	-4.981	-4.981	-4.227	12638	CFTR	NM_021050_6_+1
Slc46a2	-3.843	-2.681	-4.607	-4.628	-4.885	-4.881	-4.794	-4.873	-4.981	-4.342	30936	SLC46A2	NM_021053_4_-1
Kit	2.187	0.432	6.806	6.552	7.392	7.381	6.552	5.257	0.323	-0.084	16590	KIT	NM_021099_5_+1
Fabp7	-0.251	-1.693	-2.163	-2.449	-4.901	-4.473	-3.312	-4.188	1.122	0.613	12140	FABP7	NM_021272_10_+1
Ckb	3.626	2.839	9.017	7.410	8.754	4.098	8.052	5.600	7.090	4.827	12709	CKB	NM_021273_12_-1
Cxcl10	2.941	0.822	5.996	5.369	4.383	3.752	5.432	5.947	4.817	5.207	15945	CXCL10	NM_021274_5_-1
Tmsb4x	13.604	13.422	14.537	14.537	14.190	14.487	14.384	14.321	14.018	14.122	19241	NA	NM_021278_X_-1
Wnt1	-3.563	-4.981	-4.325	-4.374	-4.308	-4.421	-4.969	-4.967	-4.981	-4.981	22408	WNT1	NM_021279_15_+1
Plcg1	0.880	1.825	3.031	2.831	3.100	2.309	2.152	1.538	2.610	2.779	18803	PLCG1	NM_021300_2_+1
Ctss	10.884	10.864	10.067	10.029	10.601	10.525	11.131	11.070	11.632	11.532	13040	CTSS	NM_021281_3_+1
Cyp2e1	-2.873	-2.004	-0.918	-2.245	-1.261	-2.272	-1.674	-2.850	-1.104	-2.031	13106	CYP2E1	NM_021282_7_+1
Il4	-4.981	-4.981	-4.930	-3.483	-4.045	-4.627	-0.661	-3.356	-4.981	-4.981	16189	IL4	NM_021283_11_-1
Kras	6.787	7.137	6.233	6.255	6.821	7.219	6.892	6.949	6.706	6.960	16653	KRAS	NM_021284_6_-1
Sptbn2	-4.981	-4.981	-2.706	-2.910	-0.325	-0.391	-2.631	-3.944	-1.453	-1.710	20743	SPTBN2	NM_021287_19_+1
Tyms	3.982	3.934	4.769	5.046	5.368	5.108	4.470	4.443	2.614	2.084	22171	TYMS	NM_021288_5_-1
Evc	-1.124	-1.814	-4.946	-4.946	-4.983	-4.579	-4.949	-2.796	-4.981	-4.981	59056	EVC	NM_021292_5_-1
Cd33	4.756	3.787	2.895	2.429	2.216	2.685	3.327	4.235	5.386	4.999	12489	NA	NM_021293_7_-1
Dbil5	-0.619	0.099	-1.608	-1.603	-1.519	-1.949	-2.848	-4.314	-3.531	-4.981	13168	NA	NM_021294_11_+1
Lancl1	6.330	6.243	4.100	4.080	4.017	4.316	3.600	3.383	3.122	0.995	14768	LANCL1	NM_021295_1_-1
Grpel2	4.894	5.037	4.556	4.468	4.595	4.205	4.382	4.630	4.086	4.302	17714	GRPEL2	NM_021296_18_-1
Tlr4	1.240	0.761	2.599	2.768	2.309	1.352	3.189	4.006	4.953	5.166	21898	TLR4	NM_021297_4_+1
Ak3	5.551	5.648	5.943	6.222	4.910	5.223	5.194	5.614	6.054	6.230	56248	AK3	NM_021299_19_-1
Slc15a2	2.483	-2.681	0.170	0.569	0.674	-1.827	-0.184	0.175	1.970	-1.962	57738	SLC15A2	NM_021301_16_-1
Stk32c	-4.981	-4.981	-0.667	0.131	2.289	1.803	0.420	-1.763	-4.981	-4.981	57740	STK32C	NM_021302_7_-1
Noc2l	5.909	6.391	6.373	6.876	6.877	7.347	6.813	6.833	6.317	5.904	57741	NOC2L	NM_021303_4_+1
Abhd1	-1.625	4.777	-4.733	3.639	-3.761	4.822	-2.111	4.818	-4.809	4.432	57742	NA	NM_021304_5_+1
Sec61a2	3.654	3.499	2.473	2.752	2.825	2.986	2.762	2.537	2.195	2.640	57743	SEC61A2	NM_021305_2_-1
Ecel1	-4.981	-4.981	-4.955	-4.733	-2.466	-2.622	-4.935	-4.905	-4.981	-4.981	13599	ECEL1	NM_021306_1_-1
Zfp112	-1.075	-4.981	-0.923	-3.158	-2.930	-3.586	-2.272	-3.601	-0.248	-2.076	57745	ZNF112	NM_021307_7_+1
Piwil2	-0.646	-1.347	-3.757	-4.149	-1.245	-1.329	-0.634	0.167	1.313	1.459	57746	PIWIL2	NM_021308_14_-1
Sh2d2a	-2.503	-3.539	-4.490	-3.179	-3.737	-1.991	-3.615	-1.801	-2.897	-3.778	27371	SH2D2A	NM_021309_3_+1
Jmy	3.665	3.619	3.253	2.768	3.167	3.643	2.698	2.966	3.333	3.192	57748	JMY	NM_021310_13_-1
Wdr12	2.606	2.814	4.320	4.781	3.953	4.165	3.332	4.003	0.365	0.792	57750	WDR12	NM_021312_1_-1

Rnf25	4.315	4.715	3.982	4.132	3.936	3.827	3.985	3.651	4.273	3.967	57751	RNF25	NM_021313_1_-1
Tacc2	0.092	-1.284	-3.985	-4.501	-3.562	-2.595	-4.081	-3.499	-2.642	-2.471	57752	TACC2	NM_021314_7_+1
Noc3l	3.111	2.974	3.305	3.238	3.342	3.028	2.968	3.239	2.634	2.813	57753	NOC3L	NM_021315_19_-1
Cend1	-4.981	-4.981	-3.696	-4.004	-4.981	-4.981	-4.976	-4.974	-4.981	-2.750	57754	CEND1	NM_021316_7_-1
Dnajb7	-3.843	-2.587	-2.009	-3.177	-3.138	-3.661	-3.032	-3.613	-2.425	-2.396	57755	DNAJB7	NM_021317_15_-1
Pglyrp2	-1.726	-4.573	-1.402	-3.908	0.299	-1.292	-3.122	-0.992	-4.973	-4.868	57757	PGLYRP2	NM_021319_17_-1
Ntn4	-4.981	-0.345	1.217	-1.781	-3.099	-3.780	-1.385	-2.137	-1.719	-1.781	57764	NTN4	NM_021320_10_+1
Wdr4	3.093	3.094	3.341	3.503	3.400	3.340	3.057	3.235	3.050	2.995	57773	WDR4	NM_021322_17_-1
Ttyh1	-4.213	-1.414	-4.981	-4.979	-4.905	-4.892	-4.966	-4.773	-4.977	-4.981	57776	TTYH1	NM_021324_7_+1
Cd200r1	5.999	6.909	5.155	3.788	4.767	3.290	4.457	3.540	3.181	3.816	57781	CD200R1	NM_021325_16_+1
Rbak	-3.516	-2.890	-3.386	-1.719	-2.776	-0.422	-1.819	-1.413	0.563	1.076	57782	RBAK	NM_021326_5_-1
Tnip1	0.499	1.732	-0.224	2.769	2.506	2.261	0.342	1.346	-1.043	1.681	57783	TNIP1	NM_021327_11_-1
Bin3	7.717	7.687	7.462	7.527	7.064	6.735	7.108	6.953	7.200	6.799	57784	BIN3	NM_021328_14_+1
Rangrf	4.127	4.169	3.912	3.827	2.883	3.157	2.951	3.387	0.619	0.408	57785	RANGRF	NM_021329_11_-1
Acp1	5.516	4.975	5.135	4.927	4.990	5.002	4.934	4.779	4.247	4.084	11431	ACP1	NM_021330_12_-1
Glp1r	-2.842	-1.446	-4.902	-0.548	-4.970	-4.916	-4.891	-4.510	-4.981	-4.981	14652	GLP1R	NM_021332_17_+1
Itgax	6.121	5.355	8.238	8.141	9.311	9.330	9.030	8.341	4.483	3.947	16411	ITGAX	NM_021334_7_+1
Snrpb2	6.844	6.724	6.297	6.197	6.256	6.179	6.456	6.204	5.470	5.898	20639	SNRPB2	NM_021335_2_+1
Snrpa1	6.038	6.508	6.394	6.902	6.310	6.511	6.003	6.198	4.631	4.835	68981	SNRPA1	NM_021336_7_+1
Skiv2l	4.369	4.273	5.694	5.585	5.936	5.838	5.834	5.894	6.876	6.688	108077	SKIV2L	NM_021337_17_-1
Rpl35a	3.566	1.713	3.338	2.892	2.801	2.142	2.940	1.912	0.950	0.382	57808	RPL35A	NM_021338_16_+1
Cdon	1.132	0.673	3.865	0.790	4.466	-0.555	2.618	-0.563	-2.150	0.063	57810	CDON	NM_021339_9_+1
Spata5	2.485	3.206	3.432	3.549	2.731	2.377	0.688	1.899	1.466	1.471	57815	SPATA5	NM_021343_3_+1
Tesc	-0.424	-0.251	-1.858	-0.174	1.712	1.388	1.115	1.172	-2.119	-2.436	57816	TESC	NM_021344_5_+1
Hacd3	4.704	4.561	5.310	5.529	4.151	4.447	4.226	5.057	5.312	5.365	57874	HACD3	NM_021345_9_-1
Zfp318	-4.708	-1.289	1.955	1.544	-0.375	0.985	0.247	1.709	0.561	0.336	57908	ZNF318	NM_021346_17_+1
Gsdma	-4.981	-4.981	-4.981	-4.981	-4.929	-4.929	-2.640	-3.557	-1.692	-3.205	57911	GSDMA	NM_021347_11_+1
Tnfrsf13b	4.984	4.923	0.710	1.245	3.098	3.564	3.287	3.811	3.487	3.340	57916	TNFRSF13B	NM_021349_11_+1
Chml	2.277	2.569	2.693	2.228	1.973	1.774	2.729	2.393	2.925	3.893	12663	CHML	NM_021350_1_-1
Cryba4	-1.576	-4.981	-3.273	-3.835	-1.593	-0.459	-0.928	-0.421	2.365	1.663	12959	CRYBA4	NM_021351_5_-1
Crybb3	-4.981	-4.981	-4.978	-4.964	-4.937	-4.977	-4.980	-4.980	-4.981	-4.981	12962	CRYBB3	NM_021352_5_-1
Slc26a3	-4.981	-4.981	-4.981	-4.981	-4.920	-4.088	-4.505	-4.754	-4.981	-4.981	13487	SLC26A3	NM_021353_12_+1
Drg2	5.765	5.824	5.382	5.517	5.364	5.272	5.165	5.113	4.963	4.624	13495	DRG2	NM_021354_11_+1
Gab1	-2.115	-4.981	-4.121	-1.702	-2.588	-2.040	-0.071	0.980	2.988	4.589	14388	GAB1	NM_021356_8_-1
Neurl1a	-4.804	-4.805	-4.845	-3.334	-4.606	-3.611	-4.973	-4.961	-4.973	-4.972	18011	NEURL1	NM_021360_19_+1
Clec5a	-2.630	-4.981	0.117	0.801	-0.174	0.910	2.924	4.006	4.819	5.131	23845	CLEC5A	NM_021364_6_-1
Xlr4b	0.021	0.558	-0.695	-0.042	1.410	1.989	0.610	0.652	-2.743	0.190	27083	NA	NM_021365_X_+1
Klf13	6.787	6.411	4.878	4.589	6.418	6.093	7.003	6.650	8.151	7.513	50794	KLF13	NM_021366_7_-1
Tslp	-2.993	-4.981	-3.740	-4.889	-3.758	-4.900	-3.237	-4.955	-2.841	-4.977	53603	TSLP	NM_021367_18_+1
Caln1	-4.981	-4.981	-4.981	-4.981	-4.975	-3.510	-4.981	-4.981	-4.981	-4.981	140904	CALN1	NM_021371_5_+1
Sertad2	0.996	0.139	0.971	1.093	2.033	2.532	0.708	1.549	0.090	0.483	58172	SERTAD2	NM_021372_11_+1
Rgs20	-4.981	-4.981	-4.908	-4.974	-4.973	-4.969	-4.981	-4.981	-4.894	-3.566	58175	RGS20	NM_021374_1_-1
Rhbg	-4.981	-4.981	0.508	1.058	-4.644	-4.882	-2.349	-3.271	-4.981	-4.981	58176	RHBG	NM_021375_3_-1
Prokr1	-2.273	-2.437	-3.315	-3.021	-2.924	-3.595	-3.429	-3.747	-0.787	-0.010	58182	PROKR1	NM_021381_6_-1
Cnot9	5.468	5.204	5.486	5.564	5.758	5.529	5.515	5.391	5.076	5.033	58184	CNOT9	NM_021383_1_+1
Rsad2	3.034	2.121	3.022	3.629	5.068	5.030	5.494	4.626	6.036	4.968	58185	RSAD2	NM_021384_12_-1
Rad18	2.111	2.123	2.668	2.270	3.379	2.737	2.651	2.401	1.473	0.791	58186	RAD18	NM_021385_6_-1
Cldn10	-0.774	-0.751	-0.787	-1.182	1.026	0.973	1.277	0.405	-4.981	-3.855	58187	CLDN10	NM_021386_14_+1
Extl2	1.313	1.729	1.879	0.972	-0.268	-0.163	-0.602	1.605	3.207	2.540	58193	EXTL2	NM_021388_3_+1
Sh3kbp1	5.160	5.414	-0.364	2.099	2.371	3.609	2.729	5.080	1.342	1.665	58194	SH3KBP1	NM_021389_X_+1
Ppp1r1a	-4.981	-4.981	0.459	0.861	-4.013	-2.625	-3.794	-4.483	-2.936	-3.855	58200	PPP1R1A	NM_021391_15_-1
Ap4m1	2.567	2.774	2.016	2.472	2.170	2.351	1.956	2.594	2.391	2.823	11781	AP4M1	NM_021392_5_+1
Nelfb	5.280	5.319	5.864	6.020	6.054	6.038	6.204	6.273	6.516	6.580	58202	NELFB	NM_021393_2_-1
Zbp1	2.206	0.749	3.139	3.094	4.356	2.666	4.820	4.226	6.412	5.338	58203	ZBP1	NM_021394_2_-1
Hyou1	3.674	5.074	4.646	6.079	3.549	4.809	3.290	5.799	4.305	6.501	12282	HYOU1	NM_021395_9_+1
Pdcd1lg2	0.460	-1.668	1.592	1.353	5.045	5.469	4.635	3.875	0.316	0.898	58205	PDCD1LG2	NM_021396_19_+1
Zbtb32	-0.582	-1.941	-0.199	-1.079	-1.034	-0.928	1.167	2.428	-0.246	1.105	58206	ZBTB32	NM_021397_7_-1
Slc43a3	4.113	3.209	1.762	2.658	3.461	3.454	2.848	3.456	2.171	1.985	58207	SLC43A3	NM_021398_2_+1
Bcl11b	-4.425	-4.109	-3.248	-2.096	-3.539	0.629	-2.786	1.085	-0.800	-1.596	58208	BCL11B	NM_021399_12_-1
Prg4	-4.981	-4.981	-4.981	-4.981	-4.677	-4.661	-4.924	-4.559	-1.141	-0.209	96875	NA	NM_021400_1_-1
Ube2j2	3.728	3.402	3.067	2.824	3.156	2.686	2.858	2.948	3.289	3.144	140499	UBE2J2	NM_021402_4_+1
Trem1	-3.189	-2.349	-1.253	2.205	1.595	5.876	3.611	5.387	5.902	6.698	58217	TREM1	NM_021406_17_+1
Trem3	-1.129	-1.163	-2.714	0.093	3.013	3.186	5.016	4.972	5.600	5.686	58218	NA	NM_021407_17_+1
Pard6b	0.103	0.081	0.497	0.319	-0.820	-0.660	-2.096	-2.242	-4.981	-2.713	58220	PARD6B	NM_021409_2_+1
Rab37	1.290	0.946	1.032	1.679	5.262	5.047	3.259	2.186	-1.086	-1.459	58222	RAB37	NM_021411_11_+1
Mmp19	-4.981	-4.981	-4.079	-2.060	-3.831	-4.744	-4.460	-0.630	2.547	3.819	58223	MMP19	NM_021412_10_+1
Ahcy12	1.594	1.204	3.428	2.964	2.569	1.593	3.253	1.651	4.096	3.589	74340	AHCY12	NM_021414_6_+1
Cacna1h	-4.981	-4.981	-4.967	-2.593	-4.891	-4.464	-1.512	-1.118	-4.981	-2.233	58226	CACNA1H	NM_021415_17_-1
Fam184b	-2.925	-2.533	-2.659	-3.984	-2.925	0.157	-2.222	-1.745	-3.531	-4.981	58227	NA	NM_021416_5_-1
Rnf8	5.171	4.873	5.088	5.023	4.891	5.008	4.733	4.748	4.631	4.826	58230	RNF8	NM_021419_17_+1
Stk4	6.919	6.951	7.047	6.896	7.630	7.432	7.299	7.091	8.028	7.899	58231	STK4	NM_021420_2_+1
Angel2	4.653	4.689	4.914	4.999	5.899	5.497	5.185	5.141	5.194	5.219	52477	ANGEL2	NM_021421_1_+1
Dnaj4	1.481	3.007	1.680	2.889	2.419	3.831	1.676	2.729	0.102	1.353	58233	DNAJ4	NM_021422_9_+1
Shank3	-4.981	-4.981	-4.966	-3.442	-4.872	-4.695	-4.318	-4.577	-4.981	-4.316	58234	SHANK3	NM_021423_15_+1

Nectin1	-2.205	-3.267	3.739	4.104	3.134	3.989	3.892	3.553	1.642	2.731	58235	NECTIN1	NM_021424_9_+1
Fam181b	-2.388	-4.981	-4.773	-3.468	-4.965	-3.528	-4.967	-1.648	-4.981	-4.981	58238	FAM181B	NM_021427_7_+1
Dexi	4.599	4.417	3.402	3.725	5.346	5.389	4.752	4.301	3.602	3.710	58239	DEXI	NM_021428_16_-1
Hs1bp3	2.379	2.396	1.681	2.137	2.183	2.607	2.086	2.079	3.337	3.247	58240	HS1BP3	NM_021429_12_+1
Rilpl1	5.962	6.075	-0.416	-1.185	1.264	1.638	1.391	0.609	1.699	0.485	75695	RILPL1	NM_021430_5_-1
Nap1l5	0.617	1.476	-4.723	-4.498	-2.883	-3.562	-2.848	-4.771	-4.981	-4.981	58243	NAP1L5	NM_021432_6_-1
Stx6	5.685	5.775	5.919	5.988	5.831	5.754	5.597	5.637	5.855	5.778	58244	STX6	NM_021433_1_+1
Gpr180	5.299	5.321	4.317	4.329	4.318	4.430	4.155	4.370	4.135	4.252	58245	GPR180	NM_021434_14_+1
Slc35b4	4.681	4.500	4.697	4.551	5.474	5.340	4.996	4.977	5.199	5.289	58246	SLC35B4	NM_021435_6_-1
Tmeff1	-4.981	-1.641	3.686	3.864	0.079	2.125	-1.572	0.276	-1.492	-4.227	230157	TMEFF1	NM_021436_4_+1
1700123O20Rik	5.705	5.779	5.423	5.578	5.229	5.120	5.092	5.196	4.929	4.963	58248	C14orf119	NM_021437_14_+1
Fibp	6.033	5.856	5.417	5.661	5.432	5.694	5.249	5.307	4.977	4.835	58249	FIBP	NM_021438_19_+1
Chst11	1.036	-0.951	2.047	2.443	1.383	0.086	0.323	-0.112	-1.455	-3.461	58250	CHST11	NM_021439_10_+1
BC100451	-1.413	-1.121	-2.535	-4.965	-4.980	-4.969	-4.978	-4.457	-2.377	-2.384	58251	CEP295NL	NM_021440_11_-1
Taf1c	3.227	3.511	3.449	3.474	3.695	3.719	3.673	3.213	4.007	3.964	21341	TAF1C	NM_021441_8_-1
Ccl8	-4.981	-4.981	-4.908	-4.908	-3.328	-4.955	-4.912	-4.853	-4.981	-4.981	20307	NA	NM_021443_11_+1
0610007P14Rik	7.137	7.269	5.650	5.499	5.436	5.623	5.183	5.460	4.604	4.655	58520	C14orf1	NM_021446_12_-1
Elp2	5.569	5.423	5.870	5.920	5.931	5.935	5.961	5.995	5.839	5.752	58523	ELP2	NM_021448_18_+1
Crbn	3.961	3.685	3.098	2.731	3.358	1.831	2.954	2.776	3.565	3.408	58799	CRBN	NM_021449_6_-1
Trpm7	4.127	4.755	5.373	4.713	5.205	4.977	5.339	5.302	5.293	6.115	58800	TRPM7	NM_021450_2_-1
Pmaip1	6.914	6.029	9.516	9.056	10.243	9.802	9.597	8.994	7.467	8.055	58801	NA	NM_021451_18_+1
Kcnmb4	-4.981	-4.981	-2.525	-3.018	-4.486	-4.112	-3.654	-1.789	-4.981	-4.981	58802	KCNMB4	NM_021452_10_-1
Cdc42ep5	-2.443	-4.981	-2.678	-2.290	-4.001	-3.919	-4.061	-3.380	-4.394	-2.372	58804	CDC42EP5	NM_021454_7_-1
Mlxipl	-4.981	-4.981	-4.016	-4.034	-4.909	-4.956	-3.546	-4.366	-0.330	-0.932	58805	MLXIPL	NM_021455_5_+1
Fzd1	-3.843	-4.981	5.428	5.584	-4.578	-4.009	-2.196	2.490	0.914	4.061	14362	FZD1	NM_021455_5_-1
Fzd3	-4.981	-0.496	-3.488	-0.660	-4.981	-4.224	-4.224	-3.033	-4.981	-3.853	14365	FZD3	NM_021458_14_-1
Lipa	5.342	5.442	7.648	7.770	6.522	7.048	6.680	7.022	7.786	8.089	16889	LIPA	NM_021460_19_-1
Mknk1	6.118	6.237	6.150	6.061	5.511	5.547	5.882	5.981	6.895	6.749	17346	MKNK1	NM_021461_4_+1
Mknk2	4.641	4.589	6.281	6.311	6.623	6.761	6.716	6.656	7.607	7.683	17347	MKNK2	NM_021462_10_-1
Prps1	5.365	5.821	4.947	5.629	5.394	5.805	5.108	5.639	4.187	4.411	19139	PRPS1	NM_021463_X_+1
Stag2	4.688	5.216	5.452	4.981	5.571	5.684	6.118	5.859	6.243	6.652	20843	STAG2	NM_021465_X_+1
Taf1a	1.355	1.764	1.374	-0.475	-1.075	-0.043	0.151	0.629	0.668	1.479	21339	TAF1A	NM_021466_1_+1
Tnni1	-4.495	-4.981	-3.433	-4.764	-4.608	-3.114	-4.978	-4.952	-4.981	-4.981	21952	TNNI1	NM_021467_1_+1
Unc13b	-3.755	-2.231	-2.462	-0.407	-3.284	-4.135	-3.109	-3.052	-4.019	-0.737	22249	UNC13B	NM_021468_4_+1
Dysf	-3.672	-3.272	-4.748	-4.822	-3.882	-4.578	-4.563	-4.086	-4.611	-4.653	26903	DYSF	NM_021469_6_+1
Rnf32	-4.981	-4.981	-4.933	-3.619	-4.949	-4.376	-4.975	-2.956	-4.981	-4.981	56874	RNF32	NM_021470_5_+1
Rnase4	4.435	7.287	-0.637	2.168	-1.204	0.580	2.527	4.226	6.055	6.200	58809	RNASE4	NM_021472_14_+1
Akr1a1	9.707	9.793	9.716	9.842	9.168	9.186	9.119	9.357	9.497	9.443	58810	AKR1A1	NM_021473_4_-1
Efemp2	-0.778	-0.144	1.230	2.011	-0.681	-0.379	-2.730	0.388	0.416	1.729	58859	EFEMP2	NM_021474_19_+1
Adamdec1	2.133	1.316	1.457	1.749	3.075	6.641	2.709	6.681	0.174	2.991	58860	ADAMDEC1	NM_021475_14_-1
Cysltr1	-3.072	-4.575	3.628	4.539	0.961	0.746	3.706	4.308	4.456	4.963	58861	CYSLTR1	NM_021476_X_-1
Tdh	-4.981	0.018	-0.099	-0.563	-0.133	2.376	-4.305	-4.654	-4.981	-4.981	58865	NA	NM_021480_14_-1
Syng4	-4.882	-4.981	-4.754	-4.030	-3.560	-4.393	-4.975	-4.966	-4.977	-4.976	58867	SYNGR4	NM_021482_7_-1
Rps6kb2	4.842	4.732	4.266	4.258	4.713	4.624	4.457	4.374	4.740	4.345	58988	RPS6KB2	NM_021485_19_-1
Ghrl	-4.981	-2.681	-4.908	-4.557	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	58991	GHRL	NM_021488_6_-1
F12	-4.981	-4.981	-4.981	-4.981	-4.969	-4.501	-4.856	-5.002	-4.981	-4.316	58992	F12	NM_021489_13_-1
Smpd3	-2.759	-0.770	-1.215	-0.623	-2.693	-3.074	-3.740	-2.167	-2.539	-2.721	58994	SMPD3	NM_021491_8_-1
Arhgap23	-0.528	-0.954	-0.521	-0.503	-0.979	-0.199	1.519	1.148	4.413	3.879	58996	ARHGAP23	NM_021493_11_+1
Dennd5a	4.991	5.007	6.124	5.948	6.488	6.070	6.732	6.418	7.100	7.396	19347	DENND5A	NM_021494_7_-1
Nectin3	-4.981	-4.981	-3.178	-0.981	-3.810	-3.585	-3.640	-3.567	-4.981	-3.233	58998	NECTIN3	NM_021495_16_-1
Nectin3	-4.981	-4.981	-4.862	-4.978	-4.910	-4.973	-4.981	-4.980	-4.981	-4.981	58998	NECTIN3	NM_021496_16_-1
Nectin3	-4.981	-4.981	-4.527	-3.896	-4.409	-4.237	-4.969	-3.146	-4.981	-4.981	58998	NECTIN3	NM_021497_16_-1
Pole3	3.891	3.713	3.490	3.611	3.216	3.280	3.548	3.687	2.768	2.464	59001	POLE3	NM_021498_4_-1
Wdr8	4.587	4.727	4.260	4.294	4.476	4.509	4.247	4.487	3.530	3.890	59002	NA	NM_021499_4_+1
Maea	5.976	5.971	5.966	5.957	6.103	6.058	6.081	6.167	6.480	6.447	59003	MAEA	NM_021500_5_+1
Pias4	4.395	4.359	3.751	3.766	3.941	3.704	3.817	3.806	4.248	4.094	59004	PIAS4	NM_021501_10_-1
Trappc2l	7.234	7.167	6.106	6.144	5.948	5.961	6.105	5.986	5.795	5.557	59005	TRAPPC2L	NM_021502_8_+1
Ngly1	5.609	5.905	5.931	5.832	6.019	6.255	6.136	5.930	5.548	5.895	59007	NGLY1	NM_021504_14_+1
Anapc5	7.326	7.396	6.582	6.543	6.533	6.395	6.473	6.636	6.909	6.587	59008	ANAPC5	NM_021505_5_-1
Sh3rf1	3.222	2.587	2.709	1.380	0.594	0.627	1.212	1.120	0.551	1.464	59009	SH3RF1	NM_021506_8_+1
Sqrdl	-4.957	-4.981	-4.973	-4.977	-4.954	-4.369	-4.818	-4.364	-1.847	-1.488	59010	SQRDL	NM_021507_2_+1
Myoz1	-4.981	-4.981	-4.920	-3.046	-3.557	-4.970	-4.921	-4.470	0.844	-1.865	59011	MYOZ1	NM_021508_14_-1
Hnrnp1	7.471	7.740	7.334	7.358	7.814	8.037	7.370	7.278	6.269	6.762	59013	HNRNP1	NM_021510_11_+1
Rrs1	4.303	3.962	4.246	4.012	4.119	3.571	4.245	3.562	3.665	2.999	59014	RRS1	NM_021511_1_+1
Nup160	3.596	3.262	4.348	4.236	4.433	4.513	4.261	4.199	4.503	4.662	59015	NUP160	NM_021512_2_+1
Thap11	4.324	4.295	4.039	4.054	3.611	3.487	4.286	4.674	5.974	5.643	59016	THAP11	NM_021513_8_+1
Pfkm	-0.542	-0.526	-1.302	-1.100	-2.921	-1.465	-0.600	-1.508	-0.402	-2.942	18642	PFKM	NM_021514_15_+1
Mark3	5.136	4.902	4.607	5.386	4.861	5.207	4.819	4.692	4.943	4.921	17169	MARK3	NM_021516_12_+1
Pdzk1	-3.216	-2.790	-3.755	-4.188	-4.157	-4.726	-3.927	-4.584	-3.602	-3.906	59020	PDZK1	NM_021517_3_+1
Rab2a	8.518	8.838	8.232	8.305	7.719	7.935	7.887	7.937	7.796	7.887	59021	RAB2A	NM_021518_4_+1
Edf1	7.750	7.574	7.375	7.466	7.541	7.634	7.789	7.499	6.595	6.523	59022	EDF1	NM_021519_2_+1
Med12	3.489	3.763	4.317	4.445	5.128	5.025	5.158	5.101	5.266	5.600	59024	MED12	NM_021521_X_+1
Usp14	5.817	6.013	6.107	6.435	5.798	5.842	5.885	6.017	5.434	5.406	59025	USP14	NM_021522_18_-1
Huwe1	5.990	5.962	6.362	6.342	6.572	6.627	6.131	6.092	5.252	5.684	59026	HUWE1	NM_021523_X_+1

Nampt	5.999	6.122	7.033	6.883	6.098	5.271	5.985	5.707	6.315	6.455	59027	NAMPT	NM_021524_12_+1
Rcl1	4.850	4.647	4.251	4.614	4.894	4.961	4.592	4.869	3.945	3.808	59028	RCL1	NM_021525_19_+1
PsmD14	7.426	7.561	7.481	7.650	7.400	7.254	7.168	7.121	6.125	6.166	59029	PSMD14	NM_021526_2_+1
Mkks	-3.785	0.693	-0.540	-0.407	0.860	0.379	0.005	0.617	1.209	3.263	59030	MKKS	NM_021527_2_-1
Chst12	6.946	7.180	5.272	5.247	5.066	4.883	5.737	5.980	7.552	7.025	59031	CHST12	NM_021528_5_+1
Ppp2r3c	5.320	5.327	6.474	6.764	5.435	5.494	5.653	5.504	5.195	5.595	59032	PPP2R3C	NM_021529_12_-1
Slc4a8	0.941	-0.964	4.647	3.430	6.447	3.936	4.468	1.549	-2.753	-2.399	59033	SLC4A8	NM_021530_15_+1
Carm1	3.339	2.870	3.277	3.921	3.529	3.588	3.633	4.395	4.500	4.857	59035	CARM1	NM_021531_9_+1
Dact1	-4.981	-4.981	-3.711	-2.490	-4.212	-3.864	-2.815	-4.840	-2.275	-2.829	59036	DACT1	NM_021532_12_+1
Pxmp4	5.913	5.730	4.980	5.004	4.953	5.019	4.853	4.758	4.846	4.737	59038	PXMP4	NM_021534_2_-1
Smu1	7.191	7.137	6.965	7.022	7.081	6.973	7.003	7.000	6.968	6.858	74255	SMU1	NM_021535_4_-1
Rhot1	3.589	4.319	3.668	4.148	3.583	3.438	3.538	4.111	4.146	4.618	59040	RHOT1	NM_021536_11_+1
Stk25	6.050	4.807	5.836	4.763	5.425	4.675	5.407	4.509	5.674	4.482	59041	STK25	NM_021537_1_-1
Cope	9.434	9.335	8.107	8.089	7.901	7.802	7.897	8.082	8.055	7.843	59042	COPE	NM_021538_8_+1
Wsb2	5.775	5.787	5.829	5.921	6.373	6.504	5.769	5.782	5.969	6.021	59043	WSB2	NM_021539_5_+1
Rnf130	7.847	8.091	7.218	7.161	8.740	8.749	8.664	8.545	8.981	8.793	59044	RNF130	NM_021540_11_+1
Kcnk5	-4.981	-2.895	-4.937	-0.535	2.488	1.355	0.113	1.149	-2.871	-2.696	16529	KCNK5	NM_021542_14_-1
Naip7	-1.175	-0.307	1.008	-0.886	0.036	-1.488	0.802	-1.719	2.123	0.371	53880	NAIP7	NM_021545_13_-1
Necab3	0.503	-1.642	-0.555	-1.878	-2.404	-3.805	-2.298	-2.486	-4.981	-1.875	56846	NECAB3	NM_021546_2_-1
Stard3	6.442	6.793	5.719	5.742	6.076	6.213	6.232	6.475	7.185	6.991	59045	STARD3	NM_021547_11_+1
Arpp19	4.171	3.839	4.314	4.233	3.946	4.062	3.914	3.542	1.939	2.330	59046	ARPP19	NM_021548_9_+1
Pnkp	4.633	4.888	4.205	4.339	5.238	5.323	5.264	4.623	5.380	5.474	59047	PNKP	NM_021549_7_+1
C1galt1c1	6.079	6.246	5.132	4.958	4.234	4.466	4.430	4.624	6.493	6.750	59048	C1GALT1C1	NM_021550_X_-1
Slc22a17	1.904	1.134	0.293	-0.656	1.284	1.601	0.258	0.679	0.193	-0.008	59049	SLC22A17	NM_021551_14_-1
Nsa2	6.825	6.744	6.770	6.824	6.856	6.791	7.129	6.761	6.092	5.970	59050	NSA2	NM_021552_13_-1
Mettl9	4.922	4.896	4.920	4.850	4.507	4.601	5.589	5.698	5.811	6.209	59052	METTL9	NM_021554_7_+1
Hgh1	4.660	4.339	4.116	3.985	3.660	3.157	3.413	3.221	3.085	2.926	59053	HGH1	NM_021555_15_+1
Mrps30	5.906	5.394	5.522	5.293	5.381	5.015	5.519	5.156	5.474	4.840	59054	MRPS30	NM_021556_13_-1
Rdh11	3.762	3.622	2.763	2.484	2.640	2.292	2.578	2.695	2.846	2.678	17252	RDH11	NM_021557_12_-1
Zfp24	4.998	4.853	4.978	4.861	4.877	4.761	4.832	4.806	4.870	5.146	59057	ZNF24	NM_021559_18_-1
Bhlhe22	-3.668	-4.981	-3.416	-2.134	-4.970	-4.794	-4.344	-4.975	-4.981	-4.981	59058	BHLHE22	NM_021560_3_+1
Midn	-4.504	-0.647	-0.160	1.011	1.207	0.982	-0.597	0.234	1.584	0.466	59090	MIDN	NM_021565_10_+1
Pcbp4	0.932	3.106	-0.685	-1.445	0.608	0.165	-0.918	-1.437	-4.190	-3.853	59092	PCBP4	NM_021567_9_+1
Pcbp3	2.258	2.423	1.449	2.375	2.027	2.253	2.017	2.482	1.976	2.007	59093	PCBP3	NM_021568_10_-1
Agrn	0.536	0.704	1.715	2.129	2.296	2.408	2.530	2.319	3.672	3.466	11603	AGRN	NM_021604_4_-1
Nek7	6.173	6.396	5.765	5.961	5.905	6.092	6.089	6.412	6.696	7.091	59125	NEK7	NM_021605_1_-1
Nek6	7.999	8.110	7.495	7.550	4.425	4.923	3.146	3.756	0.896	1.410	59126	NEK6	NM_021606_2_+1
Ncstn	6.186	6.262	6.494	6.295	6.681	6.481	6.707	6.910	8.045	8.104	59287	NCSTN	NM_021607_1_-1
Dctn5	6.925	7.032	7.191	7.207	6.804	6.887	6.472	6.729	6.271	6.524	59288	DCTN5	NM_021608_7_+1
Ackr2	-1.093	-4.981	-3.678	-2.096	-4.124	0.266	-2.246	1.674	-4.981	-1.387	59289	ACKR2	NM_021609_9_+1
Cxcl12	-2.073	-1.347	-2.030	-2.664	-3.081	-2.303	-2.272	-2.544	-2.029	-3.210	20315	CXCL12	NM_021704_6_+1
Ap4s1	5.898	5.670	5.173	4.996	4.998	5.020	5.338	5.072	4.589	4.607	11782	AP4S1	NM_021710_12_+1
Myg1	5.931	5.760	4.760	4.686	5.305	5.135	4.889	4.768	4.369	3.920	60315	C12orf10	NM_021713_15_+1
Wbp11	5.274	5.413	5.186	5.338	5.644	5.502	5.717	5.596	5.919	5.519	60321	WBP11	NM_021714_6_-1
Chst7	-1.139	-1.272	0.804	1.597	2.479	1.872	2.648	2.007	-3.925	-1.362	60322	CHST7	NM_021715_X_+1
Nrip2	2.907	8.391	-1.002	0.117	-3.431	-1.978	-4.594	0.073	-1.096	-0.597	60345	NRIP2	NM_021717_6_+1
Ms4a4b	2.790	2.147	1.434	2.698	3.226	4.258	3.748	5.113	4.217	3.969	60361	NA	NM_021718_19_+1
Cldn15	-4.981	-4.981	-4.961	-3.471	-4.852	-2.954	0.118	-1.198	2.857	1.266	60363	CLDN15	NM_021719_5_+1
Donson	4.167	3.978	3.580	3.945	5.092	4.961	4.722	4.612	3.435	3.616	60364	DONSON	NM_021720_16_-1
Sap30	6.142	6.304	6.213	6.043	6.388	5.898	6.537	6.088	7.052	6.754	60406	SAP30	NM_021788_8_-1
Trappc4	7.586	7.556	6.905	6.833	6.369	6.425	6.195	6.292	5.850	5.662	60409	TRAPP4	NM_021789_9_-1
Cenpk	-0.342	1.477	2.080	2.619	2.523	2.237	2.145	2.382	-0.186	-0.200	60411	CENPK	NM_021790_13_+1
Doc2g	0.470	2.084	3.066	2.457	2.421	2.708	2.072	1.335	0.217	-0.159	60425	NA	NM_021791_19_+1
Ilgp1	4.802	3.305	3.534	2.381	0.352	-0.880	0.642	-0.293	-0.121	-0.443	60440	NA	NM_021792_18_+1
Tmem8	5.321	5.043	6.123	5.955	5.852	5.666	5.390	5.048	4.914	3.932	60455	TMEM8A	NM_021793_17_+1
Eed	5.915	6.402	5.826	6.070	6.591	6.839	6.438	6.317	5.714	6.186	13626	EED	NM_021876_7_-1
Hr	3.684	4.129	0.829	0.170	-0.983	0.511	-0.910	0.122	-4.981	-2.206	15460	HR	NM_021877_14_+1
Jarid2	1.816	2.759	2.713	2.857	2.193	0.985	1.843	2.795	3.723	3.429	16468	JARID2	NM_021878_13_+1
Oca2	-4.981	-4.981	-4.981	-4.981	-4.038	-4.274	-4.981	-4.981	-4.981	-4.981	18431	OCA2	NM_021879_7_+1
Prkar1a	8.074	8.279	8.164	8.298	8.152	8.334	8.092	8.373	8.285	8.531	19084	PRKAR1A	NM_021880_11_+1
Qk	3.714	4.006	3.615	3.388	4.098	3.738	3.636	3.639	4.907	5.097	19317	QKI	NM_021881_17_-1
Pmel	-4.981	-2.394	-0.760	-0.518	-0.148	-0.986	-0.838	-1.434	-0.143	-1.176	20431	PMEL	NM_021882_10_+1
Tmod1	-4.981	-0.247	-1.801	1.029	-0.520	2.069	-0.525	2.068	-0.549	-0.739	21916	TMOD1	NM_021883_4_+1
Tsg101	7.039	7.244	6.760	6.855	6.644	6.583	6.723	6.751	6.241	6.474	22088	TSG101	NM_021884_7_-1
Cenph	1.507	1.625	2.650	2.891	3.296	2.892	2.764	2.798	0.685	-0.568	26886	CENPH	NM_021886_13_-1
Il21r	6.451	6.478	4.784	5.131	7.388	7.222	6.441	5.915	2.318	2.220	60504	IL21R	NM_021887_7_+1
Qtrt1	4.627	4.530	3.742	3.435	3.047	2.890	3.116	3.000	3.294	2.784	60507	QTRT1	NM_021888_9_+1
Syt9	-4.981	-4.981	-4.981	-4.981	-4.979	-4.946	-4.981	-4.981	-4.981	-2.031	60510	SYT9	NM_021889_7_+1
Fads3	5.987	5.995	-0.441	-0.120	-2.585	-0.565	-1.417	0.788	-1.435	-4.981	60527	FADS3	NM_021890_19_+1
Figl1	-3.917	-2.102	3.091	3.336	3.382	2.830	1.744	2.516	1.244	0.468	60530	FIGL1	NM_021891_11_-1
Cd274	3.760	3.140	5.141	5.211	7.540	7.634	7.071	6.695	4.568	5.050	60533	CD274	NM_021893_19_+1
Actn4	5.260	5.465	6.207	6.341	6.327	6.239	6.502	6.700	7.261	7.160	60595	ACTN4	NM_021895_7_-1
Gucy1a3	-2.273	-4.981	-3.580	-1.668	-2.886	-2.244	-4.954	-2.211	-2.065	-4.981	60596	GUCY1A3	NM_021896_3_-1
Trp53inp1	5.370	4.834	4.636	4.500	3.946	4.094	4.379	5.239	5.214	5.459	60599	TP53INP1	NM_021897_4_+1

Foxj2	4.415	4.540	4.475	4.130	4.141	3.864	4.513	4.614	5.885	5.790	60611	FOXJ2	NM_021899_6_+1
Tlx1	-4.981	-2.349	-4.980	-4.192	-4.920	-4.969	-4.974	-4.130	-3.373	-4.981	21908	TLX1	NM_021901_19_+1
Tnfrsf18	-3.130	-1.395	-0.862	-2.017	-0.911	-0.684	-2.956	-2.098	-4.584	-4.981	21936	TNFRSF18	NM_021985_4_+1
Gnas	-2.918	-4.981	-2.553	-4.414	-3.695	-3.374	-3.025	-4.272	-1.923	-2.498	14683	GNAS	NM_022000_2_+1
Fxyd6	-3.843	-4.981	-3.589	-3.874	-4.359	-4.989	-4.773	-4.931	-4.981	-4.981	59095	FXYD6	NM_022004_9_+1
Fxyd7	-4.981	-4.981	-4.979	-3.706	-4.981	-4.981	-2.811	-2.174	-3.322	-3.855	57780	FXYD7	NM_022007_7_-1
Flii	4.655	5.207	5.952	5.936	5.966	5.959	6.275	6.265	7.210	7.125	14248	FLII	NM_022009_11_-1
Gtf2h2	5.186	5.649	4.415	4.795	4.679	4.917	4.320	4.430	3.937	3.547	23894	GTF2H2	NM_022011_13_-1
Map3k11	3.913	3.763	5.129	4.996	5.289	5.029	5.555	5.395	7.054	6.756	26403	MAP3K11	NM_022012_19_+1
Fn3k	-4.981	-2.895	-4.462	0.225	-3.654	1.130	-3.815	0.385	-4.981	-1.906	63828	FN3K	NM_022014_11_+1
Taf8	3.543	3.617	4.111	4.046	4.459	4.393	4.456	3.960	4.956	4.594	63856	TAF8	NM_022015_17_-1
Impg1	-1.180	-4.981	-0.106	-2.517	-3.815	-4.789	-2.780	-4.971	-4.981	-4.981	63859	IMPG1	NM_022016_9_-1
Trpv4	-1.046	-1.032	0.800	1.872	-0.023	-1.444	-1.077	0.750	3.545	3.086	63873	TRPV4	NM_022017_5_-1
Fam129a	4.100	4.872	7.029	6.750	5.807	5.693	6.359	6.529	7.706	7.887	63913	FAM129A	NM_022018_1_+1
Dusp10	4.536	4.137	4.538	4.574	4.160	3.341	3.447	3.719	2.610	2.000	63953	DUSP10	NM_022019_1_+1
Cables1	0.604	2.196	-2.442	-2.348	-1.929	-2.042	-3.095	-0.729	0.550	-1.128	63955	CABLES1	NM_022021_18_+1
Ube4b	4.260	4.152	4.594	4.403	4.652	4.476	4.481	4.238	4.991	4.805	63958	UBE4B	NM_022022_4_-1
Gmfb	6.273	6.106	6.690	6.638	5.763	5.796	6.201	6.334	6.736	7.006	63985	GMFB	NM_022023_14_-1
Gmfg	-0.431	-4.585	1.829	2.015	-1.093	-3.627	1.030	0.056	0.216	0.034	63986	GMFG	NM_022024_7_+1
Aqp9	-1.276	-4.981	-2.143	0.543	0.290	1.271	1.623	0.855	0.978	0.312	64008	AQP9	NM_022026_9_-1
Syne1	1.600	1.854	0.299	-0.626	-0.790	0.044	-0.844	-1.090	-1.976	-3.091	64009	SYNE1	NM_022027_10_-1
Sav1	3.992	4.502	3.752	4.020	2.796	3.103	3.230	3.411	2.767	3.062	64010	SAV1	NM_022028_12_-1
Nrgn	0.058	-0.065	0.028	0.572	2.383	2.226	1.400	1.565	1.344	1.730	64011	NA	NM_022029_9_-1
Sv2a	-0.066	0.236	-1.781	-3.015	-1.714	-0.948	-2.500	-2.690	-4.981	-4.981	64051	SV2A	NM_022030_3_+1
Perp	-2.948	-4.981	-0.827	1.007	-1.579	-0.086	1.075	-1.124	-3.022	-4.981	64058	PERP	NM_022032_10_+1
Oxct2a	-4.981	-4.981	-4.949	-4.979	-3.114	-1.909	-3.330	-4.100	-4.981	-4.981	64059	NA	NM_022033_4_-1
B4galt1	5.090	5.119	4.417	4.713	5.126	5.107	5.252	5.334	6.309	6.287	14595	B4GALT1	NM_022305_4_-1
Cbfb	3.842	4.497	5.346	5.001	5.035	5.187	5.177	4.638	4.875	4.989	12400	CBFB	NM_022309_8_+1
Hspa5	7.546	7.371	7.926	8.204	7.598	7.779	7.711	8.094	7.330	7.879	14828	HSPA5	NM_022310_2_+1
Tcte2	-4.981	-4.981	-2.803	-2.817	-1.222	-1.014	-1.255	-3.488	-4.981	-4.981	21646	NA	NM_022311_17_-1
Tnr	-4.981	-4.981	0.656	0.800	-2.972	-0.395	-3.004	-4.703	-4.981	-4.316	21960	TNR	NM_022312_1_+1
Eral1	4.648	4.657	4.190	4.297	4.121	4.126	4.142	4.377	4.475	4.411	57837	ERAL1	NM_022313_11_-1
Tpm3	-4.128	-4.643	-4.436	-4.893	-4.706	-4.889	-4.574	-4.965	-4.410	-4.946	59069	TPM3	NM_022314_3_+1
Smoc2	-2.178	-0.904	-4.940	-3.461	-3.894	-2.630	-3.272	-1.465	-2.605	-4.981	64074	SMOC2	NM_022315_17_+1
Smoc1	-4.981	-1.692	-4.965	-4.965	-2.844	-1.485	-2.337	-2.408	-0.833	-1.795	64075	SMOC1	NM_022316_12_+1
Slc28a3	-2.987	-1.623	-2.119	-4.009	-1.975	0.541	-2.967	-1.785	-1.984	-3.573	114304	SLC28A3	NM_022317_13_-1
Popdc2	-4.981	-4.981	-3.164	-2.294	-3.063	-3.114	-1.722	-2.971	-2.190	-2.597	64082	POPDC2	NM_022318_16_+1
Gpr35	-4.328	-4.165	4.255	3.690	2.311	2.628	1.431	2.210	3.124	3.045	64095	GPR35	NM_022320_1_+1
Parvg	6.316	6.431	8.021	8.311	8.417	8.578	7.826	7.402	5.810	4.856	64099	PARVG	NM_022321_15_+1
Moap1	2.536	2.339	1.833	1.471	0.759	1.777	1.453	1.259	2.060	0.733	64113	MOAP1	NM_022323_12_-1
Sdf2l1	7.372	7.598	8.047	8.527	7.339	7.931	7.325	8.109	6.184	6.989	64136	SDF2L1	NM_022324_16_-1
Ctsz	10.682	10.877	9.486	10.056	10.555	10.383	10.132	10.335	9.623	10.088	64138	CTSZ	NM_022325_2_-1
Ralb	1.713	0.292	6.455	6.704	4.897	4.967	5.982	6.463	7.551	7.644	64143	RALB	NM_022327_1_-1
Mllt1	3.403	3.353	3.705	3.734	3.924	3.991	3.793	3.936	4.630	4.467	64144	MLLT1	NM_022328_17_-1
Tor1aip2	4.580	4.401	6.073	5.206	4.591	4.426	4.763	4.620	4.415	4.425	240832	TOR1AIP2	NM_022329_1_+1
Herpud1	10.010	10.142	9.382	9.699	9.276	9.533	8.943	9.101	7.235	8.063	64209	HERPUD1	NM_022331_8_+1
St7	-4.899	-4.880	-4.966	-3.886	-4.950	-4.641	-2.824	-4.069	-2.847	-3.071	64213	ST7	NM_022332_6_+1
Dgcr14	4.278	4.511	4.405	4.538	4.568	4.507	4.331	4.298	4.200	4.285	27886	DGCR14	NM_022408_16_-1
Zfp296	3.527	4.023	3.959	4.145	4.053	4.157	4.155	4.030	3.196	2.962	63872	ZNF296	NM_022409_7_+1
Myh9	4.927	4.952	6.856	6.708	7.706	7.379	7.159	6.845	7.683	7.522	17886	MYH9	NM_022410_15_-1
Slc13a2	-1.871	-4.981	-1.800	-0.980	-3.461	-3.167	-3.602	-2.492	-2.012	-2.574	20500	SLC13A2	NM_022411_11_-1
Ptges	-3.563	-4.981	-4.092	-4.467	-3.803	-0.581	-0.807	-0.984	2.728	2.245	64292	PTGES	NM_022415_2_-1
Itm2c	7.983	8.119	8.717	8.954	7.712	7.994	7.824	8.107	8.079	8.085	64294	ITM2C	NM_022417_1_+1
Tmub1	4.941	4.801	4.816	4.649	4.615	4.505	4.709	4.628	4.701	4.347	64295	TMUB1	NM_022418_5_-1
Abhd8	2.477	2.468	1.973	2.185	2.296	2.222	1.858	2.196	2.088	2.429	64296	ABHD8	NM_022419_8_-1
Gprc5b	-4.981	-2.523	-4.271	-3.046	-1.930	-1.946	-2.413	-3.055	-4.981	-4.981	64297	GPRC5B	NM_022420_7_-1
Gng13	-4.981	-4.981	-4.546	-4.972	-4.922	-4.922	-3.892	-3.408	-4.981	-4.981	64337	GNG13	NM_022422_17_+1
Rnf187	9.243	7.339	7.102	6.905	7.349	6.966	7.373	7.029	7.368	6.694	108660	RNF187	NM_022423_11_-1
Fndc4	-3.563	-1.893	3.588	3.549	-0.158	0.595	1.113	0.920	-1.927	-2.945	64339	FNDC4	NM_022424_5_-1
Ms4a8a	0.582	-3.408	-1.290	-3.157	-1.470	-1.048	0.248	3.167	6.363	6.491	64381	MS4A8	NM_022430_19_-1
Sirt2	4.519	3.643	3.872	4.181	3.582	4.215	3.643	4.126	4.414	4.232	64383	SIRT2	NM_022432_7_+1
Sirt3	-0.168	0.182	0.553	-0.317	-1.885	-1.417	-2.294	-0.696	-1.655	-0.034	64384	SIRT3	NM_022433_7_-1
Cyp4f14	-4.981	-4.710	-4.980	-4.966	-4.953	-4.979	-4.981	-4.981	-4.958	-4.981	64385	CYP4F12	NM_022434_17_-1
Pdlim5	-4.949	-4.720	-4.868	-4.929	-4.849	-4.924	-4.567	-4.865	-4.981	-4.975	56376	PDLM5	NM_022554_3_-1
Thop1	2.671	2.510	1.946	2.385	2.079	2.213	1.915	2.477	2.038	1.858	50492	THOP1	NM_022653_10_+1
Pidd1	0.961	1.860	1.281	1.004	2.077	1.582	1.657	1.429	2.228	1.558	57913	PIDD1	NM_022654_7_-1
Ireb2	4.231	4.463	4.897	4.546	4.760	4.876	4.680	4.726	5.239	5.412	64602	IREB2	NM_022655_9_+1
Nisch	5.962	6.350	6.203	6.241	6.690	6.712	6.297	6.200	6.441	6.134	64652	NA	NM_022656_14_-1
Fzd5	-1.451	-3.330	-0.804	-1.916	-1.725	-3.032	-0.905	-3.267	-0.999	-1.803	14367	FZD5	NM_022721_1_-1
Scube1	-3.751	-3.277	-4.936	-4.376	-3.391	-4.318	-4.522	-4.937	-4.981	-4.981	64706	SCUBE1	NM_022723_15_-1
Suv39h2	0.478	0.442	1.024	0.758	1.141	0.707	-0.371	0.222	-2.278	0.152	64707	SUV39H2	NM_022724_2_-1
Mark3	4.796	4.823	5.867	5.502	5.604	5.148	5.419	5.401	5.998	5.815	17169	MARK3	NM_022801_12_+1
Polr1e	4.431	4.666	5.053	5.114	4.515	4.565	4.028	4.239	3.749	3.309	64424	POLR1E	NM_022811_4_+1
Scamp2	7.850	7.897	7.305	7.387	7.437	7.328	7.308	7.294	7.787	7.507	24044	SCAMP2	NM_022813_9_+1

Acot10	-4.981	-4.981	-4.972	-4.110	-4.733	-4.772	-3.548	-4.635	-3.575	-3.326	64833	ACOT9	NM_022816_15_-1
Myf1	-4.981	-4.981	-4.451	-3.839	-4.738	-3.448	-4.970	-4.958	-4.981	-4.981	17898	MYL7	NM_022879_11_-1
Slc29a1	1.975	1.882	-1.319	-1.738	0.726	-0.803	0.695	1.319	0.489	1.337	63959	SLC29A1	NM_022880_17_-1
Rgs18	6.951	7.705	5.663	5.236	6.597	6.121	6.254	5.283	5.258	5.352	64214	RGS18	NM_022881_1_-1
Lpin2	4.881	4.653	5.066	4.111	5.171	5.118	4.643	4.600	4.867	5.389	64898	LPIN2	NM_022882_17_+1
Lpin3	-4.981	-4.981	-4.892	-4.701	-4.954	-4.969	-4.979	-4.959	-4.981	-4.981	64899	LPIN3	NM_022883_2_+1
Bhmt2	-4.981	-4.981	-4.981	-4.981	-3.725	-4.520	-4.979	-4.981	-4.981	-4.981	64918	BHMT2	NM_022884_13_-1
Slc30a5	6.399	6.869	5.923	5.833	6.075	6.219	5.907	6.014	5.766	6.163	69048	SLC30A5	NM_022885_13_-1
Scel	-4.981	-4.981	-2.838	-4.963	3.579	5.483	2.219	3.206	1.951	2.967	64929	SCEL	NM_022886_14_+1
Tsc1	3.222	3.276	3.220	2.725	3.311	3.122	2.706	3.142	3.590	3.447	64930	TSC1	NM_022887_2_+1
Izumoir	-4.981	-4.981	-4.681	-1.026	-4.155	-0.711	-1.854	0.555	-4.981	-3.192	64931	IZUMO1R	NM_022888_9_-1
Pes1	5.864	5.719	7.008	7.178	6.427	6.515	6.378	6.529	6.523	6.246	64934	PES1	NM_022889_11_+1
Cldn12	-3.815	-3.399	-2.617	-2.264	-1.960	-2.254	-2.349	-0.412	-3.043	-0.946	64945	CLDN12	NM_022890_5_-1
Rpl23	9.091	9.076	9.270	9.170	9.119	8.988	9.465	9.189	8.025	7.793	65019	RPL23	NM_022891_11_-1
Lat2	6.982	6.862	5.251	5.542	6.007	6.151	6.164	6.300	5.883	5.817	56743	LAT2	NM_022964_5_-1
Nup98	-1.971	-2.956	-3.082	-3.575	-3.182	-3.729	-2.604	-4.404	-3.649	-4.468	269966	NUP98	NM_022979_7_-1
Rcan3	3.835	3.800	3.064	2.945	3.725	3.524	3.460	3.326	3.829	3.817	53902	RCAN3	NM_022980_4_-1
Zfp110	5.067	4.710	4.793	4.594	5.215	5.049	5.228	4.934	5.164	5.167	65020	ZNF274	NM_022981_7_+1
Rtn4r	-4.981	-4.981	-3.672	-3.891	-3.761	-1.990	-2.075	-4.085	-3.531	-4.981	65079	RTN4R	NM_022982_16_+1
Lpar3	0.701	3.536	2.511	3.942	3.704	4.649	2.899	2.492	-3.750	-1.327	65086	LPAR3	NM_022983_3_+1
Zfand6	7.743	7.898	7.243	7.313	7.303	7.429	7.122	7.088	6.664	7.164	65098	ZFAND6	NM_022984_13_-1
Irak1bp1	2.356	2.309	0.166	3.157	0.573	4.285	-0.904	3.101	-4.835	-0.170	65099	IRAK1BP1	NM_022986_9_+1
Nif3l1	4.379	4.474	4.091	4.297	4.524	4.455	4.305	3.972	3.647	3.362	65102	NIF3L1	NM_022988_1_+1
Arl6ip6	4.449	5.116	5.066	5.228	4.603	4.659	4.691	4.851	4.735	4.923	65103	ARL6IP6	NM_022989_2_+1
Arl6ip5	7.152	7.011	6.341	6.617	7.598	7.573	7.348	7.500	7.391	7.648	65106	ARL6IP5	NM_022992_6_+1
Lrp10	6.352	6.374	6.922	6.863	6.973	6.922	6.914	6.993	7.950	7.595	65107	LRP10	NM_022993_14_+1
Dap3	5.505	5.685	5.332	5.524	5.539	5.738	5.238	5.415	4.907	5.023	65111	DAP3	NM_022994_3_-1
Pmepa1	5.052	5.377	2.615	2.790	-2.686	-1.435	-1.197	0.895	-1.368	-4.342	65112	PMPEA1	NM_022995_2_-1
Ndfip1	6.890	7.011	7.234	7.057	6.370	6.647	6.541	7.028	6.259	6.321	65113	NDFIP1	NM_022996_18_+1
Vps35	6.343	6.356	7.327	7.251	7.125	7.055	7.252	7.272	7.692	8.129	65114	VPS35	NM_022997_8_-1
Prrg2	2.229	2.739	2.978	3.014	2.268	2.547	2.411	2.425	2.970	2.955	65116	PRRG2	NM_022999_7_-1
Gfer	4.653	4.024	5.195	4.345	4.762	4.320	4.958	4.048	3.948	3.343	11692	GFER	NM_023040_17_-1
Pex19	5.769	5.439	5.275	4.955	5.383	5.118	5.414	5.091	5.704	5.261	19298	PEX19	NM_023041_1_+1
Recql	4.411	3.815	4.343	3.343	4.508	4.018	4.426	3.758	4.549	3.284	19691	RECQL	NM_023042_6_-1
Prnd	-4.981	-4.981	-4.131	-2.176	-4.288	-3.451	-4.307	-4.965	-4.981	-4.981	26434	PRND	NM_023043_2_+1
Slc15a3	4.645	4.876	1.325	1.844	3.460	3.634	4.231	4.290	4.665	4.202	65221	SLC15A3	NM_023044_19_+1
Xpo7	3.668	4.033	5.016	5.065	4.749	4.985	4.534	4.857	5.402	5.776	65246	XPO7	NM_023045_14_-1
Asb1	2.355	1.324	2.445	2.335	1.755	2.492	1.801	1.518	2.349	2.022	65247	ASB1	NM_023046_1_+1
Asb4	-4.981	-4.981	-4.952	-4.952	-2.968	-4.763	-4.527	-4.945	-3.109	-4.981	65255	ASB4	NM_023048_6_+1
Asb2	2.104	1.280	7.882	7.961	9.286	9.301	8.159	7.456	1.296	0.749	65256	ASB2	NM_023049_12_-1
Clstn1	1.558	1.023	-0.047	-0.751	0.604	0.200	0.001	-0.901	0.917	-1.786	65945	CLSTN1	NM_023051_4_+1
Ccl21c	-4.981	-4.566	-4.970	-4.962	-4.981	-4.981	-4.832	-4.930	-4.981	-4.981	65956	CCL21	NM_023052_4_+1
Ccl21c	-4.981	-4.566	-4.966	-4.904	-4.981	-4.981	-4.631	-4.916	-4.981	-4.981	65956	CCL21	NM_023052_dup1_4_+2
Ccl21c	-4.981	-4.566	-4.966	-4.904	-4.981	-4.981	-4.631	-4.916	-4.981	-4.981	65956	CCL21	NM_023052_dup2_4_+3
Ccl21c	-4.981	-4.566	-4.970	-4.962	-4.981	-4.981	-4.832	-4.930	-4.981	-4.981	65956	CCL21	NM_023052_dup3_4_+4
Twsg1	4.529	4.556	4.825	4.881	3.845	3.526	3.467	3.814	3.095	3.256	65960	TWSG1	NM_023053_17_-1
Utp3	6.213	5.941	5.977	6.039	5.944	5.839	5.927	5.750	5.926	5.672	65961	UTP3	NM_023054_5_+1
Slc9a3r2	-0.116	0.149	3.368	3.770	-0.667	1.443	0.566	2.077	1.065	1.296	65962	SLC9A3R2	NM_023055_17_-1
Tmem176b	0.631	0.661	4.126	4.404	6.084	6.286	6.726	6.867	4.896	6.006	65963	TMEM176B	NM_023056_6_-1
Zak	-3.563	-4.981	2.421	1.949	0.809	-0.747	1.602	1.593	3.659	2.842	65964	ZAK	NM_023057_2_+1
Pkmyt1	1.583	0.212	3.665	3.294	5.109	3.970	4.242	2.883	1.663	0.309	268930	PKMYT1	NM_023058_17_+1
Sigirr	4.508	4.373	4.803	4.707	4.598	4.531	4.549	4.468	3.697	3.442	24058	SIGIRR	NM_023059_7_-1
Eefsec	4.264	4.496	6.947	6.918	4.382	4.456	4.759	4.941	4.332	3.795	65967	EEFSEC	NM_023060_6_-1
Mcam	-3.349	-4.981	-2.672	-4.058	-3.196	-1.662	-4.328	-3.141	-2.919	-3.498	84004	MCAM	NM_023061_9_+1
Lima1	0.808	-1.668	5.787	5.913	-0.404	0.483	2.843	3.025	4.657	4.742	65970	LIMA1	NM_023063_15_-1
Ifi30	9.277	8.515	9.338	9.476	10.175	10.438	10.039	9.926	8.676	8.568	65972	IFI30	NM_023065_8_-1
Asph	2.311	2.054	1.441	0.314	-0.488	-0.958	2.008	1.366	3.800	3.445	65973	ASPH	NM_023066_4_-1
Aspa	-1.762	-1.163	-2.269	-2.195	-1.347	-1.662	-1.374	-1.409	-4.981	-4.981	11484	ASPA	NM_023113_11_-1
Cacnb2	1.993	0.456	2.698	2.110	-1.354	-4.384	0.517	-1.837	-4.624	-4.981	12296	CACNB2	NM_023116_2_+1
Cdc25b	-3.697	-3.315	-1.324	1.146	0.685	1.585	0.882	1.628	0.972	1.069	12531	CDC25B	NM_023117_2_+1
Dab2	-4.169	-4.981	1.308	1.923	-2.096	-1.853	-0.909	-0.024	-1.466	-2.795	13132	DAB2	NM_023118_15_+1
Eno1	7.740	7.067	7.975	7.624	9.213	8.657	9.455	9.067	10.647	9.750	13806	ENO1	NM_023119_4_+1
Gnb1l	2.388	2.302	1.536	1.870	1.994	1.720	1.287	1.053	-1.591	0.884	13972	GNB1L	NM_023120_16_+1
Gngt2	6.043	5.874	3.443	3.054	6.023	6.289	6.472	5.475	4.782	4.431	14710	GNGT2	NM_023121_11_+1
Gpm6b	0.632	1.589	-1.701	-2.703	2.417	2.865	0.491	-1.439	-4.486	-4.981	14758	GPM6B	NM_023122_X_+1
H2-Q8	7.080	5.923	5.997	6.040	6.145	5.373	6.276	5.589	5.963	3.597	15019	NA	NM_023124_17_+1
Rab8a	7.580	7.482	8.174	8.289	8.761	8.820	8.494	8.332	8.359	8.236	17274	RAB8A	NM_023126_8_+1
Polr2k	6.612	4.047	5.786	3.450	5.456	3.503	6.054	3.263	4.917	2.728	17749	POLR2K	NM_023127_15_+1
Palm	3.871	3.764	4.200	2.835	2.818	2.245	3.362	3.377	6.032	5.386	18483	PALM	NM_023128_10_+1
Pln	0.711	1.052	1.178	0.588	0.873	0.229	0.635	0.124	2.201	2.018	18821	NA	NM_023129_10_+1
Raly	2.511	3.931	3.869	3.563	3.104	3.237	3.877	3.902	3.928	3.783	19383	RALY	NM_023130_2_+1
Rce1	5.697	5.657	4.788	4.733	4.818	4.853	4.630	4.769	4.346	4.456	19671	RCE1	NM_023131_19_-1
Renbp	5.168	5.134	5.466	5.903	4.349	4.550	5.105	5.357	4.827	5.369	19703	RENBP	NM_023132_X_-1
Rps19	9.771	9.218	10.577	10.006	10.816	10.049	10.909	10.053	9.208	8.565	20085	RPS19	NM_023133_7_+1

Dtymk	4.143	4.490	3.529	3.688	4.015	4.252	3.755	3.959	2.525	2.149	21915	DTYMK	NM_023136_1_-1
Ubd	2.429	0.500	0.752	1.332	1.199	0.064	1.559	0.708	-2.111	-2.005	24108	UBD	NM_023137_17_+1
Map2k2	6.919	6.825	6.766	6.873	6.541	6.579	6.444	6.614	6.854	6.655	26396	MAP2K2	NM_023138_10_+1
Glrx3	7.738	7.934	6.956	6.955	6.237	6.363	6.423	6.340	5.777	5.764	30926	GLRX3	NM_023140_7_+1
Tor3a	5.826	5.733	6.580	6.679	5.732	5.502	6.041	6.159	6.871	6.487	30935	TOR3A	NM_023141_1_-1
Arpc1b	9.463	9.473	10.177	10.383	10.307	10.300	10.153	10.427	10.974	11.083	11867	ARPC1B	NM_023142_5_+1
C1ra	-1.187	-2.349	-1.618	-4.120	-0.665	-1.370	-0.034	1.360	2.784	3.535	50909	C1R	NM_023143_6_+1
Nono	7.365	7.451	7.918	7.916	7.668	7.559	7.399	7.575	7.505	7.580	53610	NONO	NM_023144_X_+1
Ranbp17	2.100	0.817	-1.418	-1.567	-2.118	-0.496	-3.412	-2.661	-4.488	-2.905	66011	RANBP17	NM_023146_11_-1
Cndp2	6.354	6.409	6.523	6.796	6.429	6.687	6.380	6.294	6.407	6.291	66054	CNDP2	NM_023149_18_-1
Cwc15	7.636	7.522	7.182	7.173	7.197	7.249	7.084	6.969	6.451	6.469	66070	CWC15	NM_023153_9_+1
Ethe1	5.707	6.059	3.772	4.368	4.060	4.658	5.084	6.020	7.144	6.975	66071	ETHE1	NM_023154_7_+1
Cxcl16	2.509	0.346	8.445	8.578	6.704	6.579	7.717	7.233	2.983	4.002	66102	CXCL16	NM_023158_11_-1
Nat8f1	3.271	2.930	1.835	1.663	1.826	1.667	1.894	2.033	1.768	1.908	66116	NAT8B	NM_023160_6_-1
Znrd1	5.976	6.059	6.303	6.254	5.869	6.119	5.744	5.682	4.518	4.542	66136	ZNRD1	NM_023162_17_-1
Fam89b	2.820	2.918	1.908	2.903	1.626	1.523	2.246	2.342	3.927	3.048	17826	FAM89B	NM_023166_19_-1
Mrpl4	6.908	6.871	6.530	6.745	6.200	6.237	6.338	6.590	6.876	6.728	66163	MRPL4	NM_023167_9_+1
Grina	7.225	6.016	5.810	5.992	5.392	5.982	6.186	6.149	7.045	6.527	66168	GRINA	NM_023168_15_+1
Ndufb9	8.274	8.159	7.592	7.609	7.535	7.586	7.684	7.611	6.893	6.699	66218	NDUFB9	NM_023172_15_+1
Dusp12	4.008	4.928	4.040	4.119	4.094	4.602	4.053	4.428	3.264	3.679	80915	DUSP12	NM_023173_1_-1
Nit2	5.611	5.433	4.432	4.720	4.187	4.292	4.214	4.187	3.505	3.319	52633	NIT2	NM_023175_16_-1
Dmap1	5.329	5.258	4.416	4.765	5.028	5.109	4.667	4.621	4.255	4.155	66233	DMAP1	NM_023178_4_-1
Atp6v1g2	2.709	1.812	2.191	2.144	1.094	1.741	1.201	1.396	1.227	1.527	66237	ATP6V1G2	NM_023179_17_+1
Ctrl	-4.981	-1.324	-0.397	-1.330	-1.205	-2.177	-2.360	-2.357	-2.185	-1.554	109660	CTRL	NM_023182_8_-1
Klf15	-0.227	-3.267	-1.395	-2.960	-2.758	-2.197	-0.901	-1.452	-2.194	-4.981	66277	KLF15	NM_023184_6_+1
Acin1	4.759	4.662	4.875	5.092	5.596	4.926	5.279	4.559	4.639	4.465	56215	ACIN1	NM_023190_14_-1
Wdr61	6.037	6.028	5.068	5.370	5.493	5.423	5.252	5.238	5.047	4.701	66317	WDR61	NM_023191_9_-1
Pla2g12a	5.549	4.435	4.027	2.939	2.512	2.283	2.973	3.242	2.679	1.715	66350	PLA2G12A	NM_023196_3_+1
Knop1	4.836	4.621	5.568	5.419	7.235	7.369	7.090	6.321	4.603	4.484	66356	KNOP1	NM_023197_7_-1
Ppp1r7	5.828	5.841	5.451	5.632	5.612	5.656	5.366	5.397	4.691	4.679	66385	PPP1R7	NM_023200_1_+1
Ndufa7	7.589	7.454	6.863	6.622	6.809	6.775	7.166	6.744	6.263	5.726	66416	NDUFA7	NM_023202_17_+1
Dctp1	6.157	5.942	5.717	5.742	4.964	5.017	5.012	5.059	3.385	3.484	66422	DCTP1	NM_023203_7_-1
Pbk	-1.334	-0.598	3.281	3.352	3.859	3.272	3.265	2.876	1.615	0.575	52033	PBK	NM_023209_14_+1
Ans32e	7.573	7.593	7.356	7.515	7.534	7.376	7.169	7.215	5.969	6.093	66471	NA	NM_023210_3_+1
Usmg5	7.618	7.236	8.355	8.125	7.753	7.682	7.695	7.378	6.615	6.381	66477	USMG5	NM_023211_19_-1
Slc30a7	5.637	5.713	6.099	5.988	5.371	5.486	5.749	6.010	6.120	6.248	66500	SLC30A7	NM_023214_3_-1
Chtop	5.459	5.567	5.245	4.900	5.273	5.350	5.160	5.542	5.606	5.965	66511	NA	NM_023215_3_-1
Pgpep1	4.087	4.214	3.587	3.623	1.843	2.355	2.767	3.008	2.784	3.099	66522	PGPEP1	NM_023217_8_-1
Sppl2a	5.993	6.078	7.056	7.070	6.417	6.664	6.861	7.005	7.863	8.046	66552	SPPL2A	NM_023220_2_-1
Cdc20	0.688	0.791	4.535	5.375	4.807	4.545	4.360	4.272	2.856	2.543	107995	CDC20	NM_023223_4_-1
Cblc	-2.181	-4.981	-3.337	-2.337	-2.217	-3.395	-3.732	-4.927	-4.981	-4.981	80794	CBLC	NM_023224_7_-1
Fastk	5.526	5.575	5.115	5.264	5.195	5.280	4.852	5.173	5.140	4.833	66587	FASTK	NM_023229_5_-1
Ube2v1	7.584	7.661	7.634	7.837	7.478	7.409	7.489	7.437	7.431	7.206	66589	UBE2V1	NM_023230_2_-1
Stoml2	6.451	6.294	5.966	6.270	6.032	6.063	6.094	6.198	5.814	5.594	66592	STOML2	NM_023231_4_-1
Diablo	6.699	6.429	6.732	6.673	6.572	6.409	6.182	6.012	5.296	4.766	66593	DIABLO	NM_023232_5_-1
Trim13	3.213	3.228	1.668	1.946	1.890	2.095	1.570	1.665	0.931	1.681	66597	TRIM13	NM_023233_14_+1
Ndn12	6.100	6.113	4.804	5.099	4.857	5.086	4.560	4.659	4.629	4.581	66647	NSMCE3	NM_023239_7_-1
Eef1d	6.235	6.439	5.857	6.104	5.768	5.908	5.895	6.110	5.131	4.919	66656	EEF1D	NM_023240_15_-1
Ccnh	5.770	6.014	4.962	5.185	4.874	4.936	4.787	4.901	4.337	4.582	66671	CCNH	NM_023243_13_+1
Ndufaf3	6.163	6.143	4.857	5.094	5.334	5.559	5.195	4.994	4.291	4.151	66706	NDUFAF3	NM_023247_9_-1
Sbds	7.088	6.951	6.295	6.247	6.290	6.426	6.269	6.207	5.765	5.653	66711	SBDS	NM_023248_5_-1
Ypel1	0.537	-0.569	0.395	-3.549	0.459	-0.414	-0.850	-1.822	-0.601	-1.193	106369	YPEL1	NM_023249_16_+1
Krt20	-4.981	-4.981	-4.966	-4.966	-4.981	-4.981	-2.720	-4.988	-4.981	-4.981	66809	KRT20	NM_023256_11_-1
Pycard	8.109	8.104	6.882	7.138	7.156	7.208	7.532	8.092	7.436	7.403	66824	PYCARD	NM_023258_7_-1
Mrps34	7.120	6.719	6.133	6.126	5.672	5.575	5.824	5.532	4.832	4.532	79044	MRPS34	NM_023260_17_+1
Zfp120	2.440	-4.248	2.646	0.988	3.365	1.805	3.679	2.097	3.021	3.461	104348	NA	NM_023266_2_-1
Qsox1	3.336	4.541	3.176	4.110	1.573	2.606	2.650	4.569	3.729	5.438	104009	QSOX1	NM_023268_1_-1
Rnf128	-4.981	-4.428	-3.991	-3.660	-4.257	-2.773	-1.162	0.000	1.939	3.232	66889	RNF128	NM_023270_X_+1
Rhoj	-4.981	-1.910	-3.662	-1.718	-2.787	-4.418	-2.909	-1.843	-2.106	-1.884	80837	RHOJ	NM_023275_12_+1
Jam3	-1.581	-3.267	-4.152	-1.949	-3.613	-3.542	-3.088	-3.106	-3.351	-1.971	83964	JAM3	NM_023277_9_-1
Tubb3	1.729	1.403	0.749	-2.009	-0.600	-4.094	-0.597	-1.952	-0.325	-4.981	22152	TUBB3	NM_023279_8_+1
Sdha	8.019	7.939	8.294	7.966	8.152	8.160	8.005	8.076	8.050	7.954	66945	SDHA	NM_023281_13_-1
Nuf2	0.443	0.066	2.753	3.349	3.612	3.009	3.144	2.261	1.401	0.891	66977	NUF2	NM_023284_1_-1
Mkrm2	4.614	4.745	4.359	4.254	4.100	4.034	4.036	4.185	4.468	4.237	67027	MKRM2	NM_023290_6_+1
Pus3	5.006	4.878	4.778	4.831	4.174	4.410	3.776	4.347	3.529	3.562	67049	PUS3	NM_023292_9_+1
Ndc80	0.361	0.932	3.063	2.744	3.885	3.239	3.583	2.368	1.730	1.021	67052	NDC80	NM_023294_17_-1
Fgf22	-3.563	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.316	67112	FGF22	NM_023304_10_+1
Ubpap1	5.446	5.277	6.104	6.095	5.880	5.855	5.740	5.735	6.312	6.234	67123	UBPAP1	NM_023305_4_+1
Yipf5	6.917	6.792	5.576	5.684	5.471	5.484	5.646	5.626	5.587	5.830	67180	YIPF5	NM_023311_18_-1
Ndufa13	8.326	8.265	7.919	7.977	7.831	7.938	8.125	7.894	7.134	6.959	67184	NDUFA13	NM_023312_8_-1
Eif4e2	4.203	4.361	4.535	4.513	4.354	3.954	4.397	4.626	5.189	4.958	26987	EIF4E2	NM_023314_1_+1
Nde1	5.093	5.312	5.197	5.472	5.419	5.578	5.234	5.204	4.905	5.058	67203	NDE1	NM_023317_16_+1
Plekho1	6.115	6.053	7.020	7.099	6.697	6.778	6.645	6.652	6.313	6.341	67220	PLEKHO1	NM_023320_3_-1
Zkscan14	5.199	5.256	4.549	4.538	4.211	4.325	4.473	4.295	4.524	4.087	67235	ZNF394	NM_023322_5_-1

Rpf2	6.426	6.664	6.415	6.366	5.887	5.805	5.855	5.577	4.725	4.619	67239	RPF2	NM_023323_10_-1
Peli1	5.541	5.679	6.881	7.097	6.931	6.840	6.579	6.331	6.853	6.674	67245	PELI1	NM_023324_11_+1
Bmyc	8.283	8.430	5.919	5.990	6.469	6.926	6.454	6.425	4.728	4.976	107771	NA	NM_023326_2_+1
Agtppb1	2.952	3.447	3.744	3.812	3.163	3.235	3.215	3.499	3.878	3.721	67269	AGTPBP1	NM_023328_13_-1
Mrpl46	6.086	6.214	5.148	5.207	5.174	5.326	5.159	5.163	4.332	4.190	67308	MRPL46	NM_023331_7_-1
2210010C04Rik	-1.884	-0.687	-4.953	-4.333	-4.979	-4.955	-2.904	-4.972	-4.981	-4.981	67373	NA	NM_023333_6_-1
Brd3	1.398	1.557	0.020	-4.162	-0.644	-0.319	-0.086	-1.017	0.507	0.562	67382	BRD3	NM_023336_2_-1
Coq8a	4.487	3.618	2.293	3.163	4.629	4.704	4.053	4.164	4.004	4.022	67426	COQ8A	NM_023341_1_-1
Ilkap	6.367	6.493	5.717	5.836	6.116	6.110	5.863	5.880	5.530	5.442	67444	ILKAP	NM_023343_1_-1
Snap29	5.719	5.597	5.224	5.373	4.639	4.779	4.779	5.105	4.970	5.396	67474	SNAP29	NM_023348_16_+1
Timm22	2.363	1.215	0.720	1.152	0.937	0.352	1.040	0.630	-0.221	0.575	56322	TIMM22	NM_023355_11_+1
Zfp788	3.569	4.065	3.050	3.326	3.356	4.032	2.887	3.312	2.611	3.268	67607	NA	NM_023363_7_+1
Cdh23	-2.349	-2.264	-2.315	-1.852	-1.250	-1.998	-0.879	-2.027	-0.690	-1.563	22295	CDH23	NM_023370_10_-1
Pin1	6.883	6.901	6.240	6.231	6.095	6.245	6.102	6.104	5.501	5.179	23988	PIN1	NM_023371_9_+1
Rpl38	7.268	7.127	7.534	7.433	7.279	7.250	7.870	7.487	6.732	6.207	67671	RPL38	NM_023372_11_+1
Sdhb	8.698	8.988	7.998	8.355	7.772	8.029	7.766	8.284	7.873	8.268	67680	SDHB	NM_023374_4_+1
Stard5	6.288	6.225	6.516	6.283	6.843	6.573	7.213	6.997	6.324	6.560	170460	STARD5	NM_023377_7_+1
Samsn1	8.181	8.450	7.454	7.429	7.825	7.735	7.857	7.581	8.184	8.327	67742	SAMSN1	NM_023380_16_-1
Rtp4	2.476	0.473	1.737	0.852	7.272	5.553	7.129	5.827	6.965	5.699	67775	RTP4	NM_023386_16_+1
Mdp1	5.826	5.749	5.275	5.263	5.478	5.712	5.704	5.644	4.685	4.955	67881	MDP1	NM_023397_14_-1
Myl12b	9.897	9.767	10.506	10.417	10.359	10.386	10.105	9.901	9.675	9.350	67938	MYL12A	NM_023402_17_-1
Mesdc2	6.740	6.652	5.361	5.490	5.179	5.283	5.499	5.570	5.311	5.299	67943	MESDC2	NM_023403_7_+1
Npc2	9.502	9.601	8.902	8.893	7.047	7.008	8.367	8.686	9.658	9.460	67963	NPC2	NM_023409_12_-1
Pgam1	7.445	7.269	8.278	8.302	7.109	7.141	7.560	7.614	8.592	8.083	18648	PGAM1	NM_023418_19_+1
Col4a3bp	1.716	2.240	1.951	1.044	0.167	0.529	1.496	1.117	0.602	1.116	68018	COL4A3BP	NM_023420_13_+1
Hist1h2bc	4.241	3.094	4.952	3.601	5.093	3.913	4.768	2.812	3.034	1.887	68024	HIST1H2BI	NM_023422_13_+1
Akirin1	6.777	6.961	7.045	7.084	7.287	7.384	7.014	6.881	7.069	7.120	68050	AKIRIN1	NM_023423_4_-1
Ociad1	7.856	7.970	7.276	7.328	7.239	7.363	6.984	6.992	6.489	6.384	68095	OCIAD1	NM_023429_5_+1
Mum1	4.912	5.022	4.185	4.001	4.121	4.239	4.445	4.696	5.529	5.323	68114	MUM1	NM_023431_10_+1
Tox4	5.712	5.718	7.024	6.874	6.305	6.270	6.429	6.603	6.881	7.039	268741	TOX4	NM_023434_14_+1
Tmem86b	1.156	1.611	0.459	1.222	1.119	1.907	0.587	1.320	0.844	1.624	68255	TMEM86B	NM_023440_7_-1
Slc9a3r2	-4.064	-0.955	-2.474	-1.495	-3.436	-2.397	-0.644	-2.428	-2.014	-4.622	65962	SLC9A3R2	NM_023449_17_-1
Npy	-4.981	-0.615	-4.578	-0.083	-4.961	-1.877	-4.919	-1.592	-4.981	-0.303	109648	NPY	NM_023456_6_+1
Ly6g6c	-3.843	-4.981	-4.981	-3.338	-3.569	-3.257	-3.771	-4.305	-1.682	-3.527	68468	LY6G6C	NM_023463_17_+1
Ssna1	6.336	6.340	5.375	5.648	5.673	5.603	5.863	5.897	5.506	5.296	68475	SSNA1	NM_023464_2_-1
Ctnnbip1	3.189	4.102	4.389	5.072	2.775	3.559	3.177	4.168	4.338	4.742	67087	CTNNBIP1	NM_023465_4_+1
Ankra2	4.479	4.279	3.638	3.490	3.941	3.972	3.857	3.498	3.209	3.409	68558	ANKRA2	NM_023472_13_+1
Serhl	6.079	5.981	4.796	4.720	5.017	5.123	4.596	4.285	4.193	3.992	68607	SERHL	NM_023475_15_+1
Tinag1	-4.703	-4.063	-4.909	-4.871	-4.884	-4.966	-4.976	-4.961	-4.603	-4.872	94242	TINAGL1	NM_023476_4_-1
Upk3a	-4.981	-4.981	-4.981	-4.981	-4.931	-4.931	-4.928	-2.034	-4.981	-4.981	22270	UPK3A	NM_023478_15_+1
Elac2	3.720	3.771	5.320	5.585	3.784	3.996	3.472	4.092	4.308	4.071	68626	ELAC2	NM_023479_11_+1
Fahd1	3.429	3.444	2.955	2.538	2.069	2.373	2.166	2.268	2.159	2.425	68636	FAHD1	NM_023480_17_-1
1110032A03Rik	6.008	5.377	3.551	3.361	3.398	3.148	3.851	3.072	3.365	2.799	68721	C11orf1	NM_023483_9_-1
Sync	-4.981	-4.981	-4.521	-3.295	-4.971	-4.971	-4.981	-4.981	-4.981	-4.981	68828	SYNC	NM_023485_4_+1
Xk	-0.346	-1.314	0.805	1.052	-0.260	1.157	1.245	2.084	0.800	1.689	22439	XK	NM_023500_X_+1
Elf2	2.271	1.883	2.725	2.898	3.249	2.346	2.975	2.975	3.038	3.355	69257	ELF2	NM_023502_3_-1
Ing2	4.965	4.992	3.705	3.710	3.983	4.087	4.329	4.185	4.141	4.040	69260	ING2	NM_023503_8_-1
Glrx2	3.517	-1.021	3.264	1.344	3.075	0.714	3.324	0.075	3.111	-0.460	69367	GLRX2	NM_023505_1_+1
Ercc6l2	-4.707	-1.812	0.511	-1.148	-1.130	-0.953	-1.183	-2.319	-0.531	0.540	76251	ERCC6L2	NM_023507_13_+1
Mrps9	5.370	5.600	5.098	5.300	4.911	4.923	4.833	4.960	4.687	4.591	69527	MRPS9	NM_023514_1_+1
Hilpda	4.818	3.896	2.656	2.879	4.816	4.664	4.593	4.669	3.150	2.838	69573	HILPDA	NM_023516_6_+1
Tnfsf13	1.298	-3.750	0.115	1.260	0.572	0.712	3.556	4.937	5.115	6.159	69583	TNFSF13	NM_023517_11_-1
Pecr	3.329	3.342	0.281	2.141	2.154	2.245	2.077	2.445	1.406	1.220	111175	PECR	NM_023523_1_-1
Tfpt	3.684	3.898	3.261	3.040	3.389	3.570	3.195	3.025	2.768	2.675	69714	TFPT	NM_023524_7_-1
Cad	2.391	2.113	3.216	3.765	3.426	3.470	3.513	4.090	3.225	2.818	69719	CAD	NM_023525_5_+1
Nkiras1	4.268	4.803	2.926	2.989	3.983	4.082	3.443	3.227	2.121	2.338	69721	NKIRAS1	NM_023526_14_+1
Ms4a10	-4.981	-4.981	0.145	-0.817	-4.426	-4.937	-4.981	-4.744	-4.981	-4.981	69826	MS4A10	NM_023529_19_-1
Mrto4	-2.420	-2.498	-1.528	-1.138	-3.077	-1.922	-2.457	-2.762	-4.877	-4.974	69902	MRTO4	NM_023536_4_-1
Rab3b	-4.981	-4.981	-4.923	-4.210	-3.318	-4.828	-4.885	-2.089	-4.394	-4.981	69908	RAB3B	NM_023537_4_+1
Agk	3.709	3.863	3.218	3.442	3.887	3.858	3.363	3.622	3.109	3.121	69923	AGK	NM_023538_6_+1
Chn2	-2.015	-1.380	-2.325	-3.441	-4.588	-1.858	-4.958	-3.619	-4.981	-4.972	69993	CHN2	NM_023543_6_+1
Rsc1a1	3.868	3.990	2.545	2.664	3.139	4.152	3.274	2.779	2.761	2.889	69994	RSC1A1	NM_023544_4_-1
Ino80b	4.694	4.744	4.084	4.044	3.940	4.265	4.211	4.183	4.380	4.212	70020	INO80B	NM_023547_6_-1
Nol7	7.592	7.409	6.540	6.599	7.284	7.301	7.029	6.656	5.126	5.029	70078	NOL7	NM_023554_13_+1
Mvk	4.235	4.003	2.391	2.229	1.970	2.576	2.174	2.337	1.511	2.125	17855	MVK	NM_023556_5_+1
Slc44a4	-1.632	-4.981	-4.943	-4.576	-4.946	-3.828	-4.952	-4.934	-3.925	-4.981	70129	SLC44A4	NM_023557_17_+1
Plscr3	2.243	2.874	4.318	4.778	3.182	3.462	4.169	4.973	5.362	6.163	70310	PLSCR3	NM_023564_11_+1
Cse1l	5.091	5.097	5.621	5.801	5.543	5.620	5.645	5.762	5.907	6.018	110750	CSE1L	NM_023565_2_+1
Muc2	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-1.389	-1.376	17831	MUC2	NM_023566_7_+1
Ipo5	4.335	4.513	5.685	5.677	5.246	5.031	5.168	5.335	5.050	5.053	70572	IPO5	NM_023579_14_+1
Epha1	-0.530	0.592	-2.056	-2.358	-1.914	-1.118	-1.621	-1.353	-0.467	-1.170	13835	EPHA1	NM_023580_6_-1
Ube2v2	6.283	6.428	6.030	6.184	5.991	5.994	6.090	6.058	4.971	5.750	70620	UBE2V2	NM_023585_16_-1
Hacd2	5.715	5.845	6.632	6.743	5.173	5.211	5.273	5.466	4.672	4.546	70757	HACD2	NM_023587_16_+1
Dut	2.342	2.175	3.568	3.893	4.744	4.437	3.352	3.898	1.136	0.519	110074	DUT	NM_023595_2_+1

Slc29a3	7.148	7.160	5.702	5.823	5.713	5.163	6.396	6.350	6.637	6.660	71279	SLC29A3	NM_023596_10_-1
Wdr31	-2.361	-0.219	-4.352	-3.958	-3.974	-3.695	-4.658	-4.957	-4.981	-4.981	71354	WDR31	NM_023597_4_-1
Arid5b	4.911	4.645	2.965	3.238	5.301	5.247	5.067	4.820	4.229	4.252	71371	ARID5B	NM_023598_10_-1
Sfpq	5.510	5.541	5.860	5.850	5.783	5.778	5.629	5.514	4.540	5.248	71514	SFPQ	NM_023603_4_+1
Fbxo9	5.251	5.049	4.100	4.393	4.226	4.328	4.155	4.418	4.784	4.860	71538	FBXO9	NM_023605_9_-1
Gdpd2	-4.981	-4.622	-4.978	-4.975	-4.949	-4.239	-4.804	-4.946	-2.022	-4.858	71584	GDPD2	NM_023608_X_+1
Esm1	-4.981	-4.981	-4.754	-2.428	-4.967	-4.187	-4.117	-1.719	-4.981	-3.480	71690	ESM1	NM_023612_13_+1
Aox3	-4.981	-4.981	-0.753	-0.866	-4.981	-4.981	-2.823	-3.022	0.699	1.088	71724	NA	NM_023617_1_+1
Rgl3	-1.369	-4.981	-3.310	-3.882	-3.409	-3.720	-2.488	-3.933	-2.936	-4.981	71746	RGL3	NM_023622_9_-1
Plbd2	6.663	6.554	5.980	6.304	5.707	5.814	6.269	6.226	6.386	6.074	71772	PLBD2	NM_023625_5_-1
Ing3	5.356	5.515	4.317	4.269	4.519	4.505	4.607	4.656	5.115	5.323	71777	ING3	NM_023626_6_+1
Isyna1	5.311	4.969	6.348	6.511	5.569	5.851	5.779	6.007	5.250	5.050	71780	ISYNA1	NM_023627_8_+1
Anxa9	2.370	1.867	-0.297	-0.640	-0.045	-0.162	-0.904	-1.106	1.200	0.442	71790	ANXA9	NM_023628_3_-1
Gtf2a1l	-0.386	-4.981	-4.981	-4.981	-4.975	-4.975	-4.981	-4.981	-4.981	-4.981	71828	GTF2A1L	NM_023630_17_+1
Aox4	-3.668	-3.267	-2.380	-3.143	-4.977	-3.290	-4.819	-3.500	-4.981	-4.981	71872	NA	NM_023631_1_+1
2410016006Rik	3.045	2.393	4.121	4.551	2.641	2.659	3.128	3.609	4.498	4.114	71952	C14orf169	NM_023633_12_+1
Rab27a	3.847	3.639	3.355	3.151	2.949	3.205	3.765	3.688	5.368	5.400	11891	RAB27A	NM_023635_9_+1
Sars2	3.743	3.701	3.975	4.063	4.106	3.891	3.739	3.489	3.736	3.695	71984	SARS2	NM_023637_7_+1
Porcn	-4.418	-4.062	-3.436	-2.486	-4.673	-4.948	-4.190	-4.871	-4.056	-4.937	53627	PORCN	NM_023638_X_-1
Mccc1	3.794	4.357	3.598	3.987	3.742	3.921	3.210	3.509	3.262	3.615	72039	MCCC1	NM_023644_3_-1
Kdelc1	4.607	4.574	4.252	4.255	3.676	3.548	3.791	3.993	3.275	3.866	72050	KDEL1	NM_023645_1_-1
Dnaja3	2.624	2.950	3.110	3.071	2.844	2.511	2.937	2.991	2.867	3.292	83945	DNAJA3	NM_023646_16_+1
Nipa2	4.395	3.907	4.347	4.377	4.949	4.432	4.257	3.771	3.590	3.193	93790	NIPA2	NM_023647_7_-1
Ush1c	-4.981	-4.981	-4.971	-3.634	-3.069	1.354	-4.946	-1.976	-4.981	-4.981	72088	USH1C	NM_023649_7_-1
Pex13	5.219	5.118	5.343	5.388	5.229	5.084	5.190	4.977	4.970	5.211	72129	PEX13	NM_023651_11_-1
Pcm1	5.338	4.705	4.637	4.563	5.218	5.294	4.410	4.099	3.719	3.784	18536	PCM1	NM_023662_8_+1
Ripk4	-2.948	-0.710	-4.898	-1.618	-4.896	-1.988	-4.920	-3.910	-4.981	-4.981	72388	RIPK4	NM_023663_16_-1
Rsrp1	8.540	8.355	8.934	8.579	9.095	9.009	9.007	8.984	9.215	9.503	27981	NA	NM_023665_4_+1
Ndel1	6.129	6.270	6.683	6.500	6.212	6.255	6.193	6.410	6.957	6.876	83431	NDEL1	NM_023668_11_-1
Igf2bp3	-1.084	-1.101	-1.745	-2.737	-0.299	-2.716	0.000	-1.349	1.660	-0.874	140488	IGF2BP3	NM_023670_6_-1
Clns1a	7.324	7.274	6.911	6.879	6.870	6.872	6.696	6.696	6.224	6.013	12729	CLNS1A	NM_023671_7_+1
Ssbp3	1.510	1.731	-0.772	0.970	-0.590	-0.852	-0.714	-1.055	-0.558	-0.233	72475	SSBP3	NM_023672_4_+1
Tnfrsf22	0.729	0.951	1.387	1.508	0.249	-0.665	1.013	1.155	-0.085	0.590	79202	NA	NM_023680_7_-1
Lime1	3.098	3.263	3.586	3.743	4.474	4.750	3.531	4.498	3.267	3.049	72699	LIME1	NM_023684_2_+1
Zkscan3	4.122	4.840	4.143	4.087	4.066	4.501	3.876	3.641	3.619	4.717	72739	ZKSCAN3	NM_023685_13_-1
Crybb1	-4.981	-4.981	-4.981	-4.981	-4.958	-4.080	-3.968	-2.781	2.470	0.787	12960	CRYBB1	NM_023695_5_+1
Rdh14	5.800	5.791	4.394	4.374	4.497	4.574	4.471	4.345	3.864	4.259	105014	RDH14	NM_023697_12_+1
Capn9	-0.491	-1.905	-4.981	-4.981	-4.964	-4.191	-3.298	-3.498	-2.358	-2.943	73647	CAPN9	NM_023709_8_+1
Spns1	4.831	5.132	4.102	4.286	4.366	4.466	4.308	4.678	4.997	4.931	73658	SPNS1	NM_023712_7_-1
Tubb2b	4.985	5.186	3.916	4.179	0.653	1.013	-0.161	0.454	-3.160	-2.444	73710	TUBB2B	NM_023716_13_-1
Txnip	6.905	7.081	5.811	5.781	6.871	6.740	7.039	6.998	7.945	7.658	56338	TXNIP	NM_023719_3_+1
Atp6v1d	8.759	7.574	7.515	7.413	7.146	6.907	6.858	6.079	6.286	5.515	73834	ATP6V1D	NM_023721_12_-1
Rd3	-0.670	-3.106	-4.204	-3.579	-4.870	-4.846	-4.103	-4.276	-1.641	-2.466	74023	RD3	NM_023727_1_+1
Ccdc86	4.550	4.748	6.106	5.941	4.841	4.742	4.918	4.789	5.040	4.040	108673	CCDC86	NM_023731_19_-1
Abcb6	0.690	0.267	0.896	2.278	1.293	2.089	0.720	2.491	1.676	2.197	74104	ABCB6	NM_023732_1_-1
Crot	5.837	5.460	5.462	5.791	5.183	5.296	5.311	5.287	5.724	5.864	74114	CROT	NM_023733_5_-1
Pi16	0.175	0.574	0.372	0.003	-2.855	-1.147	2.019	2.251	7.131	6.983	74116	PI16	NM_023734_17_+1
Actr3	4.176	3.954	5.862	6.054	5.789	5.706	5.474	5.423	5.531	5.816	74117	ACTR3	NM_023735_1_-1
Ehhadh	2.672	2.435	2.196	2.705	1.165	2.317	0.897	1.084	1.060	1.217	74147	EHHADH	NM_023737_16_-1
Uba7	5.824	5.908	6.231	6.351	6.973	6.910	6.432	6.131	6.547	6.317	74153	UBA7	NM_023738_9_+1
Nfx1	3.863	4.167	4.670	4.634	5.095	5.195	4.676	4.648	4.803	4.588	74164	NFX1	NM_023739_4_+1
Zdhhc16	4.592	4.621	4.684	4.828	4.380	4.445	4.424	4.533	4.996	4.802	74168	ZDHHC16	NM_023740_19_+1
Dtx2	0.440	-3.259	-3.926	-1.777	-4.625	-4.839	-4.256	-1.292	-4.057	-4.496	74198	DTX2	NM_023742_5_+1
Eif4enif1	3.539	-0.572	3.488	3.742	3.011	3.113	2.356	2.933	3.152	2.948	74203	EIF4ENIF1	NM_023743_11_+1
Zfp84	3.734	3.384	5.047	5.188	4.304	4.684	4.247	4.644	4.549	5.008	74352	ZNF565	NM_023750_7_+1
Tfcp2l1	-4.981	-2.137	-4.689	-3.982	-4.958	-4.502	-4.926	-4.953	-4.981	-4.981	81879	TFCP2L1	NM_023755_1_+1
Tollip	5.125	5.153	5.427	5.445	5.367	5.358	5.431	5.624	6.835	6.698	54473	TOLLIP	NM_023764_7_-1
Mphosph8	5.080	5.270	4.601	4.728	5.032	5.135	5.175	4.832	3.662	4.023	75339	MPHOSPH8	NM_023773_14_+1
1700020D05Rik	-2.099	-0.674	-3.761	-3.703	-2.605	-3.676	-2.375	-3.299	-1.670	-3.142	75555	NA	NM_023781_19_-1
Pbbp	2.471	1.496	1.131	2.533	1.327	1.670	2.184	2.109	2.943	3.113	57349	NA	NM_023785_5_+1
Mageh1	-3.090	-0.170	-1.219	0.667	-0.504	0.738	-0.945	0.126	-4.981	0.189	75625	MAGEH1	NM_023788_X_-1
Wdr54	-4.981	-4.981	-1.217	-0.322	0.685	1.044	0.453	-0.927	-2.521	-1.139	75659	WDR54	NM_023790_6_-1
Pank1	3.116	2.284	0.866	1.253	0.170	-2.499	0.148	-1.178	-4.834	-0.330	75735	PANK1	NM_023792_19_-1
Etv5	2.335	2.852	0.712	1.763	3.047	3.741	4.186	4.061	2.054	1.449	104156	ETV5	NM_023794_16_-1
Mgea5	6.134	5.904	6.818	6.462	6.862	6.627	6.491	6.306	7.120	6.988	76055	MGEA5	NM_023799_19_-1
Camk2d	3.157	2.430	2.618	2.255	4.005	3.944	3.656	4.039	4.944	4.979	108058	CAMK2D	NM_023813_3_+1
Trp53rkb	2.913	2.825	1.975	1.979	2.102	1.826	1.484	1.788	1.320	1.634	76367	TP53RKB	NM_023815_2_+1
Cmya5	3.475	3.399	-2.695	-2.966	1.848	2.221	-0.121	-0.444	0.295	-0.743	76469	NA	NM_023821_13_-1
Paqr4	-2.097	-1.152	3.151	3.430	2.479	2.341	2.041	2.430	0.670	0.598	76498	PAQR4	NM_023824_17_-1
Ift46	4.565	4.909	4.062	4.475	4.020	4.234	3.892	4.234	3.706	4.365	76568	IFT46	NM_023831_9_+1
Trim12a	6.464	-1.605	5.851	-1.671	6.568	-1.238	5.892	-2.136	4.734	-1.836	76681	NA	NM_023835_7_-1
Jam2	-4.981	-1.459	-3.294	-2.503	-3.556	-4.220	-4.940	-4.904	-4.981	-4.981	67374	JAM2	NM_023844_16_+1
Chst1	-4.981	-4.981	-4.498	-1.906	-3.089	-2.271	-3.132	-1.208	2.101	1.404	76969	CHST1	NM_023850_2_+1
Arfgap2	5.915	5.982	6.257	6.342	6.385	6.335	6.131	6.183	6.373	6.205	77038	ARFGAP2	NM_023854_2_+1

Mtmr2	3.830	4.314	4.607	4.695	3.833	3.952	3.767	4.219	4.582	4.737	77116	MTMR2	NM_023858_9_+1
Ryr2	-4.981	-4.981	-4.898	-1.925	-4.998	-2.652	-4.967	-3.734	-4.981	-2.969	20191	RYR2	NM_023868_13_-1
Set	6.851	6.612	6.876	6.974	7.496	7.590	7.136	7.020	4.685	4.955	56086	SET	NM_023871_2_+1
Kcnq5	-4.981	-3.459	-3.800	-4.944	-4.601	-3.403	-2.275	-3.177	-4.981	-4.981	226922	KCNQ5	NM_023872_1_-1
Cep70	3.814	3.715	4.772	3.961	4.568	3.729	4.233	3.463	3.175	3.331	68121	CEP70	NM_023873_9_+1
Elp4	4.309	4.107	3.569	3.730	3.466	3.378	2.988	3.147	2.425	2.519	77766	ELP4	NM_023876_2_-1
Cldn10	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	58187	CLDN10	NM_023878_14_+1
Rpgrip1	5.931	2.900	0.613	-1.856	-0.812	-3.589	-2.797	-1.779	-2.338	-4.946	77945	RPGRIP1	NM_023879_14_+1
Ralgps2	-4.279	-4.329	-4.739	-2.987	-4.686	-3.866	-3.193	-2.517	-0.088	-4.747	78255	RALGPS2	NM_023884_1_-1
Gcnt2	-1.111	-4.981	0.801	-1.374	0.305	-2.610	1.573	1.744	4.303	3.828	14538	GCNT2	NM_023887_13_+1
Icam4	-1.363	-0.294	-1.129	1.367	-1.745	1.603	-0.827	1.559	-0.658	-0.665	78369	ICAM4	NM_023892_9_+1
Sapcd1	0.160	0.618	-4.908	-4.024	-3.560	-3.983	-3.698	-4.116	-3.417	-4.981	78376	SAPCD1	NM_023893_17_-1
Plekjh1	6.704	6.785	6.508	6.549	6.655	6.688	6.243	6.217	5.588	5.523	78670	PLEKHJ1	NM_023900_10_-1
Asb3	4.277	4.255	4.424	4.134	4.305	4.426	4.056	3.989	3.813	3.721	65257	ASB3 GPR75-ASB3	NM_023906_11_+1
Slco3a1	4.359	5.546	6.280	5.962	1.279	2.779	2.514	3.775	2.492	2.799	108116	SLCO3A1	NM_023908_7_-1
Tsc22d4	5.209	4.853	5.077	5.422	6.122	6.139	6.300	6.230	7.067	7.006	78829	TSC22D4	NM_023910_5_+1
Scyl1	4.769	5.069	4.736	5.039	4.815	4.852	5.350	5.451	6.494	6.356	78891	SCYL1	NM_023912_19_-1
Ern1	3.099	3.058	3.106	3.208	2.397	2.094	3.122	3.427	5.222	5.448	78943	ERN1	NM_023913_11_-1
Hdac9	5.037	4.230	5.011	5.236	4.567	5.183	3.179	3.771	0.418	0.387	79221	HDAC9	NM_024124_12_-1
Chchd2	9.375	9.413	8.909	8.993	8.515	8.620	8.739	8.782	7.980	7.919	14004	CHCHD2	NM_024166_5_-1
Tsen34	5.526	5.086	5.350	4.753	5.644	4.887	5.554	4.882	5.596	5.198	66078	TSEN34	NM_024168_7_+1
Fkbp11	0.938	1.218	-2.213	-1.824	-2.818	-0.535	0.876	3.250	-4.394	-2.137	66120	FKBP11	NM_024169_15_-1
Ccx1a	3.006	2.905	3.735	4.069	2.565	2.623	1.931	3.374	2.836	3.152	66158	FAM127C	NM_024170_X_-1
Sec61b	9.108	8.849	7.961	7.905	7.334	7.349	8.266	7.964	7.272	7.290	66212	SEC61B	NM_024171_4_+1
Hspbp1	5.322	5.031	4.827	5.055	4.802	4.742	4.899	4.990	4.687	4.353	66245	HSPBP1	NM_024172_7_-1
Atp6v1g1	8.777	9.049	7.961	8.402	8.020	8.276	8.087	8.289	7.305	7.846	66290	ATP6V1G1	NM_024173_4_+1
Mrps23	6.110	5.480	5.485	4.921	5.572	5.035	5.536	4.983	5.177	4.693	64656	MRPS23	NM_024174_11_+1
Rps23	9.594	9.504	9.952	9.856	9.879	9.830	10.174	9.856	8.992	8.731	66475	RPS23	NM_024175_13_+1
Drap1	5.358	5.237	5.560	5.910	5.655	6.056	5.734	5.880	5.274	5.085	66556	DRAP1	NM_024176_19_-1
Mrpl38	5.745	5.480	4.693	4.778	5.047	5.019	4.864	4.724	4.255	4.060	60441	MRPL38	NM_024177_11_-1
Alg14	3.912	4.144	2.439	2.387	2.701	2.944	2.730	2.667	2.475	2.679	66789	ALG14	NM_024178_3_+1
061009O20Rik	1.497	1.965	2.364	2.212	2.279	2.771	1.958	1.911	2.038	1.878	66839	KIAA0141	NM_024179_18_+1
Ormdl2	7.091	7.365	6.273	6.580	5.749	6.005	6.027	6.380	5.323	5.599	66844	ORMDL2	NM_024180_10_-1
Dnajc10	5.767	5.890	6.126	5.972	5.406	5.677	5.626	5.790	6.612	6.695	66861	DNAJC10	NM_024181_2_+1
Riok3	6.307	6.357	7.357	7.355	6.909	6.973	6.768	6.776	6.956	7.011	66878	RIOK3	NM_024182_18_+1
Fip1l1	4.965	5.202	4.520	4.723	4.837	4.709	4.025	4.330	4.163	4.237	66899	NA	NM_024183_5_+1
Asf1b	1.813	1.902	4.426	4.771	5.050	4.654	4.541	4.068	3.346	2.146	66929	ASF1B	NM_024184_8_+1
Fam188a	4.866	4.635	6.382	6.010	4.151	3.997	4.626	4.999	5.106	5.340	66960	FAM188A	NM_024185_2_-1
Ssbp2	3.038	3.910	2.435	1.659	0.808	0.467	2.369	2.191	3.681	3.473	66970	SSBP2	NM_024186_13_+1
U2af1	7.411	7.328	6.892	6.739	6.841	6.783	6.586	6.624	5.912	5.553	108121	NA	NM_024187_17_-1
Oxct1	5.808	5.912	6.682	6.551	4.144	4.495	5.587	6.178	5.186	5.269	67041	OXCT1	NM_024188_15_+1
Yaf2	4.174	4.396	4.481	4.521	4.733	4.568	4.261	4.015	3.566	3.329	67057	NA	NM_024189_15_-1
Chmp1b	6.770	6.762	6.484	6.327	5.778	6.017	6.146	6.116	6.168	6.359	67064	CHMP1B	NM_024190_18_+1
Arl2bp	6.316	6.335	5.939	5.664	5.855	5.612	5.514	5.598	5.546	5.131	107566	ARL2BP	NM_024191_8_+1
Cuedc2	5.065	4.950	4.253	3.979	4.406	4.423	4.634	4.094	4.185	4.220	67116	CUEDC2	NM_024192_19_-1
Nop56	6.430	6.611	6.504	6.743	6.972	7.094	6.636	6.780	5.639	5.458	67134	NOP56	NM_024193_2_+1
Lrrc40	4.266	4.561	6.485	6.550	4.749	4.668	4.572	4.527	3.774	3.537	67144	LRRC40	NM_024194_3_+1
Cyb5r4	6.434	5.729	7.806	7.232	7.461	6.481	7.484	6.527	7.462	6.536	266690	CYB5R4	NM_024195_9_+1
Tbc1d20	3.512	3.582	3.834	3.823	3.925	3.532	3.684	4.008	5.099	5.100	67231	TBC1D20	NM_024196_2_+1
Ndufa10	6.798	6.796	6.525	6.607	6.385	6.444	6.340	6.436	6.130	5.927	67273	NDUFA10	NM_024197_1_-1
Gpx7	-4.981	-1.054	-0.323	0.648	-2.677	-2.468	-2.461	-0.743	-2.614	-0.242	67305	GPX7	NM_024198_4_-1
Cstf1	4.834	4.857	4.552	4.594	4.928	4.708	4.749	4.651	4.802	4.508	67337	CSTF1	NM_024199_2_+1
Mfn1	3.743	3.471	3.960	3.937	3.682	3.501	3.508	3.541	3.960	4.113	67414	MFN1	NM_024200_3_+1
Ccdc127	-0.489	-0.565	-3.136	-2.094	-2.054	-1.793	-3.222	-0.163	-3.076	-3.672	67433	CCDC127	NM_024201_13_+1
Fam120b	2.694	2.679	1.815	2.462	2.191	1.882	1.591	1.814	2.659	3.243	67544	FAM120B	NM_024203_17_+1
Ankrd22	-4.981	-4.981	-4.980	-4.735	-4.944	-3.718	-4.169	-2.079	-1.450	-4.981	52024	ANKRD22	NM_024204_19_-1
Jkamp	6.155	6.461	4.578	4.832	4.405	4.639	4.570	4.718	4.396	4.376	104771	JKAMP	NM_024205_12_+1
Sec13	7.961	8.061	7.221	7.265	7.589	7.323	7.131	7.039	6.810	6.596	110379	SEC13	NM_024206_6_-1
Derl1	7.471	7.562	7.410	7.384	7.070	7.353	7.302	7.592	7.899	8.039	67819	DERL1	NM_024207_15_-1
Echdc3	-1.084	0.714	-2.033	0.530	-3.104	-2.099	-2.988	-1.815	-1.429	-2.207	67856	ECHDC3	NM_024208_2_-1
Ppp6c	6.266	6.172	6.109	6.071	5.859	5.828	5.875	6.057	5.931	6.148	67857	PPP6C	NM_024209_2_-1
2310033P09Rik	5.127	5.120	4.582	4.574	4.979	4.972	4.975	4.434	3.541	3.222	67862	C1orf35	NM_024210_11_+1
Slc25a11	7.635	7.597	7.749	7.876	8.223	8.206	7.644	7.646	7.112	7.186	67863	SLC25A11	NM_024211_11_-1
Rpl4	9.931	9.790	10.336	10.455	10.191	10.091	10.091	10.115	9.449	9.443	67891	RPL4	NM_024212_9_+1
Anapc4	5.277	5.445	4.960	5.194	5.093	5.179	5.069	5.056	5.249	5.437	52206	ANAPC4	NM_024213_5_+1
Tommm20	7.978	7.759	7.329	7.190	7.124	7.161	6.943	6.730	5.802	5.681	67952	TOMMM20	NM_024214_8_-1
Zfp593	4.950	4.499	4.835	4.557	4.367	4.149	4.777	4.354	3.610	3.029	68040	ZNF593	NM_024215_4_-1
Gpn3	5.569	5.401	4.540	4.585	4.914	4.977	4.903	4.609	4.124	3.914	68080	GPN3	NM_024216_5_+1
Cmtm3	6.209	6.261	6.258	6.332	5.151	5.334	6.164	6.516	6.430	6.902	68119	CMTM3	NM_024217_8_+1
Rpl24	8.740	8.598	8.826	8.698	8.719	8.515	8.985	8.709	7.962	7.684	68193	RPL24	NM_024218_16_+1
Hsbp1	7.679	7.700	7.052	6.990	6.998	7.120	7.245	7.151	6.471	6.610	68196	HSPB1	NM_024219_8_+1
Ndufc2	7.312	7.000	7.438	7.345	7.068	7.062	7.594	7.221	6.232	6.358	68197	NDUFC2	NM_024220_7_+1
Pdhh	7.525	7.576	6.948	6.906	7.026	6.998	6.850	6.816	6.562	6.477	68263	PDHB	NM_024221_14_-1
Stt3b	6.530	6.663	5.773	5.940	6.331	6.906	6.157	6.581	6.760	7.183	68292	STT3B	NM_024222_9_-1

Crip2	3.970	2.732	2.244	2.594	3.142	2.565	3.376	3.907	2.246	2.684	68337	NA	NM_024223_12_+_1
Snx5	8.818	9.237	6.198	6.036	6.788	6.695	6.649	6.909	6.527	7.073	69178	SNX5	NM_024225_2_+_1
Rtn4	5.568	4.224	4.623	2.234	3.704	1.383	4.499	1.958	2.148	0.584	68585	RTN4	NM_024226_11_+_1
Mrpl28	7.124	6.985	6.140	6.445	6.202	6.254	6.118	6.314	5.931	5.773	68611	MRPL28	NM_024227_17_+_1
Gdpd3	-2.099	-1.422	-0.325	-0.448	1.555	2.067	2.161	1.570	2.710	2.466	68616	GDPD3	NM_024228_7_+_1
Pcyt2	6.435	6.827	6.432	6.358	5.933	6.003	5.525	5.956	5.402	5.506	68671	PCYT2	NM_024229_11_+_1
Zfpl1	5.784	5.829	4.880	4.983	4.916	5.015	4.879	4.965	4.915	4.879	81909	ZFPL1	NM_024231_19_+_1
Rexo2	8.818	8.179	6.329	6.346	6.000	6.254	6.274	7.038	6.142	6.592	104444	REXO2	NM_024233_9_+_1
Qdpr	7.165	7.078	5.851	5.657	5.832	5.585	5.804	5.506	4.805	4.066	110391	QDPR	NM_024236_5_+_1
Stampb	5.913	5.998	5.300	5.314	5.010	5.204	5.212	5.050	5.067	5.007	70527	STAMPB	NM_024239_6_+_1
Gins4	5.898	6.012	5.219	5.220	5.516	5.687	5.413	5.361	4.787	4.734	109145	GINS4	NM_024240_8_+_1
Kif24	0.215	0.121	1.061	0.394	0.718	1.016	0.605	0.446	0.316	0.631	109242	KIF24	NM_024241_4_+_1
Riok1	5.580	5.553	5.145	5.294	5.378	5.475	5.153	5.162	4.594	4.853	71340	RIOK1	NM_024242_13_+_1
Fuca1	7.444	7.228	9.918	9.918	7.247	7.303	7.501	7.915	7.477	7.493	71665	FUCA1	NM_024243_4_+_1
Kif23	0.601	-0.329	5.489	5.262	5.115	4.258	4.422	3.933	3.505	3.810	71819	KIF23	NM_024245_9_+_1
Tmem79	-0.792	-1.073	-0.445	-0.472	-1.166	-2.047	-0.957	-1.267	0.680	1.154	71913	TMEM79	NM_024246_3_+_1
Cars2	4.631	4.788	3.845	3.938	4.264	4.337	4.032	3.822	3.932	3.728	71941	CARS2	NM_024248_8_+_1
Slc38a10	-2.884	0.843	1.324	-1.006	0.273	0.593	0.680	-0.535	1.763	-1.010	72055	SLC38A10	NM_024249_11_+_1
Phf10	4.894	5.057	6.370	6.500	5.005	5.221	5.303	5.845	5.685	5.899	72057	PHF10	NM_024250_17_+_1
Aplf	1.152	1.831	1.541	1.867	0.593	1.253	1.084	1.355	0.239	-0.142	72103	APLF	NM_024251_6_+_1
Nkg7	2.645	0.675	0.205	1.197	0.240	3.280	2.058	4.021	2.713	-0.193	72310	NKG7	NM_024253_7_+_1
Katnb1	4.045	4.335	4.053	4.080	3.825	3.673	4.184	3.834	3.955	4.358	72425	KATNB1	NM_024254_2_+_1
Hsd1l	6.301	6.256	6.242	5.990	5.087	5.007	4.751	4.980	4.193	4.373	72479	NA	NM_024255_4_+_1
B3gat3	4.732	4.683	3.914	4.053	4.231	4.230	4.161	4.156	4.519	4.358	72727	B3GAT3	NM_024256_19_+_1
Hdhd3	1.479	1.602	0.410	2.436	-0.219	1.149	-0.947	1.124	-1.190	0.516	72748	HDHD3	NM_024257_4_+_1
Usp16	5.740	5.836	5.587	5.597	5.765	5.885	5.580	5.595	4.975	5.205	74112	USP16	NM_024258_16_+_1
Vps50	4.907	4.884	4.914	4.770	4.808	5.036	4.850	4.995	4.833	5.440	73288	VPS50	NM_024260_6_+_1
Armt1	3.757	3.848	3.808	4.287	4.038	4.285	3.936	4.267	3.899	4.195	73419	ARMT1	NM_024261_10_+_1
Smg8	3.360	3.526	3.845	3.879	3.592	3.240	3.525	3.601	4.424	4.301	74133	SMG8	NM_024262_11_+_1
Mxra8	-1.501	-0.059	-3.083	1.689	-1.342	1.773	-2.086	1.481	-2.472	-0.343	74761	MXRA8	NM_024263_4_+_1
Cyp27a1	6.740	6.901	8.378	8.303	7.599	7.466	7.703	7.701	7.787	7.718	104086	CYP27A1	NM_024264_1_+_1
Rps25	9.960	9.886	10.411	10.272	10.235	10.155	10.493	10.289	9.162	8.951	75617	RPS25	NM_024266_9_+_1
Ipo4	3.193	2.850	3.887	4.376	3.174	3.500	3.210	3.783	3.442	3.891	75751	IPO4	NM_024267_14_+_1
Ar12bp	1.189	1.875	-0.255	2.719	0.496	1.869	1.005	2.336	1.818	2.744	107566	ARL2BP	NM_024269_8_+_1
Stard3nl	5.984	5.666	7.364	6.561	6.175	5.839	6.180	5.560	6.468	5.244	76205	STARD3NL	NM_024270_13_+_1
1700016D06Rik	-4.981	-3.315	-3.373	-4.092	-3.873	-4.720	-4.225	-4.709	-3.823	-4.342	76413	NA	NM_024271_8_+_1
Ssbp2	5.666	5.313	3.571	3.000	2.001	1.563	3.502	3.912	4.251	4.395	66970	SSBP2	NM_024272_13_+_1
Timmdc1	1.534	4.771	1.739	3.885	1.732	3.495	1.394	3.793	1.387	3.750	76916	TIMMDC1	NM_024273_16_+_1
Fars2	5.136	4.917	4.494	4.298	4.016	4.049	4.209	4.278	4.499	4.253	69955	FARS2	NM_024274_13_+_1
Rps27a	9.246	9.136	9.726	9.626	9.666	9.680	9.900	9.601	8.827	8.554	78294	RPS27A	NM_024277_11_+_1
Rrbp1	7.000	6.893	7.036	6.931	6.721	6.683	7.032	6.882	7.064	6.915	81910	NA	NM_024281_2_+_1
Desi2	4.525	4.707	4.485	4.367	4.131	4.057	4.614	4.538	5.082	5.383	78825	DESI2	NM_024282_1_+_1
1500015O10Rik	-4.981	-4.981	-4.639	-4.748	-4.757	-4.684	-4.869	-4.824	-4.394	-3.461	78896	C2orf40	NM_024283_1_+_1
Hagh	6.296	6.177	5.868	6.093	5.500	6.295	5.489	6.110	5.674	5.751	14651	HAGH	NM_024284_17_+_1
Rab6a	5.391	5.361	6.415	6.432	5.487	5.493	5.632	5.591	6.243	6.423	19346	RAB6A	NM_024287_7_+_1
Rmnd5a	6.226	5.902	5.846	5.869	5.475	5.669	5.463	5.352	5.377	5.918	68477	RMND5A	NM_024288_6_+_1
Osbpl5	-0.665	-3.487	-4.425	-4.731	-2.660	-4.874	-2.772	-4.858	-4.725	-4.640	79196	OSBPL5	NM_024289_7_+_1
Tnfrsf23	-0.311	-4.981	2.759	2.949	1.005	1.717	1.580	1.888	0.818	1.434	79201	NA	NM_024290_7_+_1
Ky	-4.981	-4.981	-4.792	-3.235	-4.978	-4.978	-4.937	-4.794	-4.981	-4.981	16716	KY	NM_024291_9_+_1
Fabp4	-0.285	-1.404	-3.219	-0.854	-1.775	-0.980	5.789	5.253	4.081	2.956	11770	FABP4	NM_024400_3_+_1
Clnkb	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.967	-4.957	-4.981	-3.183	12733	CLCNKB	NM_024412_4_+_1
Plekhf1	0.009	-0.910	0.009	0.194	-1.374	-1.090	-0.344	0.071	1.346	1.571	72287	PLEKHF1	NM_024413_7_+_1
Stx1b	-4.981	-2.583	-2.961	-4.699	-4.654	-4.847	-4.940	-4.912	-4.981	-4.981	56216	STX1B	NM_024414_7_+_1
Tpm1	-2.769	-3.571	-2.483	-1.870	-4.966	-4.324	-3.178	-4.306	-3.271	-3.989	22003	NA	NM_024427_9_+_1
Dpy30	-4.921	-4.870	-3.820	-3.843	-3.990	-4.877	-4.882	-2.959	-4.978	-3.049	66310	DPY30	NM_024428_17_+_1
Morf4l1	8.676	8.778	8.444	8.509	8.637	8.671	8.554	8.538	8.370	8.429	21761	MORF4L1	NM_024431_9_+_1
Ubxn6	6.042	6.136	5.369	5.318	4.779	4.961	5.122	5.064	5.489	5.189	66530	UBXN6	NM_024432_17_+_1
Mtap	5.090	4.269	4.912	4.090	5.232	4.912	4.796	4.352	4.666	3.198	66902	MTAP	NM_024433_4_+_1
Lap3	4.931	4.839	5.698	6.252	4.354	4.810	4.705	5.153	4.275	4.380	66988	LAP3	NM_024434_5_+_1
Rab22a	5.462	5.586	5.609	5.469	5.465	5.340	5.259	5.480	5.695	5.535	19334	RAB22A	NM_024436_2_+_1
Nudt7	4.170	3.971	2.363	2.687	2.449	2.791	2.909	2.745	3.061	3.292	67528	NUDT7	NM_024437_8_+_1
Dusp19	3.991	4.251	3.282	3.542	3.066	3.337	2.524	2.502	0.197	1.562	68082	DUSP19	NM_024438_2_+_1
Vimp	8.857	8.784	7.990	7.993	7.101	7.241	7.028	7.184	6.426	6.540	109815	SELEN10	NM_024439_7_+_1
Derl3	1.735	2.368	0.276	0.853	-0.276	0.781	1.890	4.352	-4.394	-0.122	70377	DERL3	NM_024440_10_+_1
Hspb2	-1.605	0.074	-3.721	-3.832	-4.981	-4.981	-4.185	-4.776	-4.981	-3.758	69253	HSPB2	NM_024441_9_+_1
Cyp4f16	5.031	4.581	5.890	4.991	9.812	8.824	8.532	7.237	7.353	6.212	70101	NA	NM_024442_17_+_1
Cyp4f18	5.860	7.011	2.427	2.727	4.446	5.100	7.873	7.765	9.194	8.676	72054	CYP4F2	NM_024444_8_+_1
Nudt7	-1.580	-0.552	-1.197	-2.159	-1.394	-0.690	-1.754	-2.880	-1.354	-1.555	67528	NUDT7	NM_024446_8_+_1
Rab12	4.520	4.646	4.225	4.203	3.923	3.945	4.111	3.801	4.119	4.330	19328	RAB12	NM_024448_17_+_1
Scd3	-4.981	-2.468	0.888	2.851	-2.875	-4.803	-3.973	-0.661	-3.598	-4.057	30049	NA	NM_024450_19_+_1
Sun1	2.922	2.899	2.503	2.066	2.672	2.616	2.328	4.008	6.291	5.885	77053	SUN1	NM_024451_5_+_1
Luzp1	1.320	1.290	4.698	4.603	4.128	3.519	4.286	3.984	3.691	3.137	269593	LUZP1	NM_024452_4_+_1
Rab21	6.681	6.648	5.930	5.839	6.801	6.382	6.076	5.386	5.495	5.483	216344	RAB21	NM_024454_10_+_1
Rab5c	3.738	3.801	4.479	4.261	4.032	4.151	4.534	4.085	4.695	4.405	19345	RAB5C	NM_024456_11_+_1

Ccdc51	3.838	3.732	3.258	3.216	3.434	3.335	3.459	2.810	2.579	2.254	66658	CCDC51	NM_025689_9_+1
Sltm	6.009	6.141	6.072	5.809	5.977	5.872	5.801	5.570	5.152	5.243	66660	SLTM	NM_025690_9_+1
Srp72	6.602	6.549	6.891	6.901	6.598	6.561	6.486	6.523	6.599	6.761	66661	SRP72	NM_025691_5_+1
Uba5	6.642	6.585	5.997	6.034	5.909	5.945	5.679	5.841	5.474	5.821	66663	UBA5	NM_025692_9_-1
Tmem41a	3.493	3.375	4.079	1.659	2.130	2.307	1.142	2.616	2.845	2.743	66664	TMEM41A	NM_025693_16_-1
Smc6	7.901	7.926	6.596	6.322	7.046	7.143	7.346	6.936	6.281	5.903	67241	SMC6	NM_025695_12_+1
Sorcs3	-4.981	-4.981	-1.037	-1.484	-4.981	-4.981	-4.976	-4.900	-4.981	-4.981	66673	SORCS3	NM_025696_19_+1
Spryd7	4.820	5.140	4.210	4.154	4.117	4.106	4.027	3.987	3.079	3.237	66674	SPRYD7	NM_025697_14_-1
Tmed7	6.892	7.039	7.092	7.132	6.907	7.009	7.099	7.229	7.832	8.345	66676	TMED7	NM_025698_18_-1
Oser1	7.894	8.099	6.675	6.607	6.441	6.467	6.658	6.764	6.679	6.659	66680	OSER1	NM_025699_2_-1
Pgm1	4.244	4.049	4.344	4.561	4.455	4.431	4.698	4.776	5.556	5.615	66681	PGM2	NM_025700_5_+1
Trappc5	8.151	8.301	6.031	5.657	6.656	6.825	7.212	6.852	5.558	5.003	66682	TRAPPC5	NM_025701_8_+1
Tceal8	5.682	5.977	2.658	3.927	3.152	4.178	3.712	4.415	3.266	4.288	66684	TCEAL8	NM_025703_X_-1
Dcdbl1	-1.341	-4.981	-2.941	-3.338	-3.347	-3.615	-2.776	-3.007	-3.531	-2.480	66686	DCBLD1	NM_025705_10_+1
Tbc1d15	6.174	6.174	6.959	6.681	6.216	6.035	6.256	6.162	6.456	6.496	66687	TBC1D15	NM_025706_10_-1
Klh28	3.523	3.990	3.798	3.883	3.861	3.793	3.536	3.897	3.762	3.759	66689	KLH28	NM_025707_12_-1
Tmem186	4.533	4.350	3.776	3.761	3.670	3.564	3.573	3.781	3.808	3.462	66690	TMEM186	NM_025708_16_-1
Gapvd1	4.560	4.799	5.731	5.806	5.461	5.740	5.332	5.648	6.063	6.306	66691	GAPVD1	NM_025709_2_-1
Uqcfrs1	7.744	7.707	7.865	7.903	7.201	6.957	7.343	7.452	7.291	7.479	66694	UQCFRS1	NM_025710_13_-1
Aspn	-3.815	-3.013	-4.269	-4.862	-4.683	-4.703	-4.905	-4.979	-4.981	-4.981	66695	ASPNI	NM_025711_13_+1
Snx31	-1.327	-4.981	-2.780	-1.051	-1.717	-1.499	-3.086	-0.735	-4.981	-3.853	66696	SNX31	NM_025712_15_-1
Odf2l	2.889	2.533	1.441	1.158	2.452	2.320	1.857	1.831	1.245	1.372	52184	ODF2L	NM_025714_3_+1
Spryd4	3.452	3.660	3.616	3.879	3.026	3.043	3.001	3.439	3.550	3.739	66701	SPRYD4	NM_025716_10_-1
Rbm4b	4.527	4.632	3.857	3.904	4.171	4.245	3.813	3.874	2.839	3.144	66704	RBM4B	NM_025717_19_+1
Dnase1l2	0.232	-0.750	-0.397	-1.720	0.486	-1.957	-0.405	-2.007	-0.206	-2.131	66705	DNASE1L2	NM_025718_17_-1
Nkapl	-3.668	-0.041	-2.367	-0.310	-1.062	0.070	-0.198	0.681	-1.232	0.594	66707	NKAPL	NM_025719_13_-1
4921524j17Rik	5.288	5.217	4.605	4.546	4.640	4.835	4.812	4.572	3.959	4.092	66714	C16orf87	NM_025722_8_-1
Henmt1	-4.981	-4.876	-4.875	-4.955	-4.976	-4.976	-4.953	-4.731	-4.977	-4.981	66715	HENMT1	NM_025723_3_+1
Ccdc96	-1.363	-2.587	-2.054	-1.965	-0.602	-2.230	-2.708	-2.182	-2.149	-1.674	66717	CCDC96	NM_025725_5_+1
Klh10	-1.694	0.300	-1.423	-1.052	-1.837	-1.755	-4.235	-3.096	-3.531	-4.981	66720	KLHL10	NM_025727_11_+1
Tab3	2.767	2.512	2.790	2.630	2.925	3.088	3.151	2.279	3.273	3.647	66724	TAB3	NM_025729_X_+1
Lrrk2	1.284	0.345	7.621	7.300	7.799	7.787	7.035	6.593	6.216	5.856	66725	LRRK2	NM_025730_15_+1
Ankrd61	-4.981	-1.980	-3.722	-3.861	-3.097	-2.998	-2.640	-3.399	-2.834	-2.026	66729	ANKRD61	NM_025732_5_-1
Map1lc3a	5.052	4.382	3.955	3.804	3.469	3.938	3.693	4.002	4.250	4.264	66734	MAP1LC3A	NM_025735_2_+1
Emc2	6.421	6.497	6.670	6.601	6.587	6.540	6.367	6.105	5.425	5.568	66736	EMC2	NM_025736_15_+1
Rnf220	6.078	6.344	5.745	5.805	6.115	6.054	6.170	5.968	5.776	5.581	66743	RNF220	NM_025739_4_-1
Cfap36	5.718	6.055	4.727	4.950	4.833	5.568	4.166	4.502	3.385	3.538	216618	CFAP36	NM_025740_11_-1
Erlc1	3.900	4.918	3.490	4.441	3.269	4.469	3.444	4.558	3.122	4.679	66753	ERLEC1	NM_025745_11_-1
Cfap97	4.554	4.660	4.638	4.587	4.560	4.613	4.456	4.087	3.692	4.187	66756	CFAP97	NM_025747_8_+1
Adat2	2.246	2.376	2.349	2.335	1.882	2.089	2.245	2.248	1.461	1.404	66757	ADAT2	NM_025748_10_+1
4933425L06Rik	0.074	1.171	-4.972	-4.972	-4.981	-4.981	-4.970	-4.734	-4.981	-4.981	66763	NA	NM_025751_13_+1
4933411K16Rik	-4.981	-4.981	-4.394	-4.590	-4.976	-4.887	-4.605	-4.971	-4.981	-4.981	66765	C10orf62	NM_025752_19_+1
Pacrgl	4.226	4.370	2.977	3.175	3.234	3.401	2.962	3.095	2.379	2.498	66768	PACRGL	NM_025755_5_+1
Gid4	3.941	4.093	4.078	4.171	3.884	4.209	4.063	4.367	4.059	4.614	66771	GID4	NM_025757_11_+1
Asb17	-4.981	-4.981	-4.810	-3.373	-4.808	-3.172	-4.225	-3.039	-4.981	-4.981	66772	ASB17	NM_025758_3_+1
Hacd4	0.981	-0.605	0.279	1.076	1.822	1.895	4.689	5.281	6.949	7.030	66775	HACD4	NM_025760_4_-1
4933434E20Rik	6.538	6.532	5.764	5.826	5.747	6.024	5.718	5.802	5.323	5.368	99650	C1orf43	NM_025762_3_+1
Grtp1	-4.981	-4.981	-3.394	-1.960	-3.576	-3.307	-2.128	-3.223	-3.204	-2.411	66790	GRTP1	NM_025768_8_-1
Atg10	5.359	5.676	4.531	4.350	4.556	4.758	4.537	4.116	3.720	3.626	66795	ATG10	NM_025770_13_-1
Cntnap2	-4.981	-4.981	-4.975	-4.870	-1.534	-3.464	-4.772	-4.975	-4.981	-4.981	66797	CNTNAP2	NM_025771_6_+1
Dtnbp1	6.528	6.505	5.662	5.930	5.562	5.709	5.411	5.593	4.699	4.793	94245	DTNBP1	NM_025772_13_-1
Ube2w	6.304	6.489	6.200	6.216	5.341	5.507	5.520	5.519	5.165	5.486	66799	UBE2W	NM_025773_1_-1
Prkrip1	4.955	5.092	4.473	4.485	4.385	4.314	4.535	4.220	3.821	3.561	66801	PRKRIP1	NM_025774_5_-1
Rbm22	5.150	4.877	5.396	5.140	5.441	5.212	5.684	5.268	5.764	5.469	66810	RBM22	NM_025776_18_+1
Duoxa2	-4.981	-4.981	-4.982	-4.982	-4.980	-4.980	-4.918	-4.868	-3.322	-4.981	66811	DUOXA2	NM_025777_2_+1
Bcl2l14	3.261	3.423	6.990	7.401	3.559	3.269	3.618	2.776	0.803	0.526	66813	BCL2L14	NM_025778_6_+1
Ccdc109b	0.747	-1.910	3.678	-0.871	2.738	0.140	6.016	5.024	7.198	6.352	66815	MCUB	NM_025779_3_-1
Thap2	2.753	2.622	2.344	2.638	3.000	2.457	2.169	1.811	1.071	1.800	66816	THAP2	NM_025780_10_-1
Tmem170	-0.204	0.941	0.688	0.708	0.484	0.979	0.116	-0.027	-1.192	0.016	66817	TMEM170A	NM_025781_8_-1
Chmp3	6.571	6.864	6.588	6.661	6.493	6.516	6.747	6.609	6.861	7.038	66700	CHMP3	NM_025783_6_+1
Bcs1l	2.426	2.599	1.021	1.737	1.656	2.321	0.164	1.679	0.045	0.667	66821	BCS1L	NM_025784_1_+1
Fbxo25	3.803	3.912	3.401	3.391	3.428	3.309	3.257	3.188	3.383	2.996	66822	FBXO25	NM_025785_8_+1
Rnf186	-4.981	-4.981	-2.184	-1.135	1.418	1.434	-0.321	-0.678	-4.981	-4.227	66825	RNF186	NM_025786_4_+1
Nacc1	1.858	2.258	3.480	3.577	3.495	3.360	3.301	3.265	3.884	4.159	66830	NACC1	NM_025788_8_-1
Rsph3a	4.626	4.828	4.640	4.891	3.763	3.938	3.717	4.109	4.321	4.526	66832	RSPH3	NM_025789_17_+1
Acot13	6.351	5.115	4.993	4.088	5.206	4.012	5.325	4.128	3.930	3.087	66834	ACOT13	NM_025790_13_-1
Tmem223	5.062	4.517	5.090	5.065	5.171	5.265	5.308	5.337	4.676	4.401	66836	NA	NM_025791_19_+1
Wdr45b	5.446	5.505	5.555	5.672	5.511	5.591	5.655	5.849	6.291	6.323	66840	WDR45B	NM_025793_11_-1
Etfhd	5.261	5.329	4.713	5.178	4.647	4.614	4.697	5.120	5.147	5.253	66841	ETFHD	NM_025794_3_-1
Mrpl33	7.183	7.198	6.646	6.718	7.050	7.242	7.514	7.363	7.985	7.617	66845	MRPL33	NM_025796_5_+1
Cyb5a	7.541	8.065	9.346	9.110	7.737	8.317	7.810	8.157	6.455	7.041	109672	CYB5A	NM_025797_18_+1
Hint3	5.791	5.738	5.720	5.571	4.657	4.879	4.653	4.244	2.570	2.624	66847	HINT3	NM_025798_10_-1
Fuca2	7.704	7.437	7.606	7.650	6.968	6.933	7.136	7.183	7.250	7.322	66848	FUCA2	NM_025799_10_+1
Ppp1r2	6.365	6.294	6.898	6.872	6.316	6.306	6.384	6.276	6.546	6.624	66849	PPP1R2	NM_025800_16_-1

Pnpla2	-4.717	-4.542	-4.491	-4.889	-4.874	-3.002	-3.540	-4.966	-4.722	-4.935	66853	PNPLA2	NM_025802_7_+1
Tcf25	5.391	5.376	5.169	4.853	5.453	5.458	5.323	5.484	5.270	5.316	66855	TCF25	NM_025804_8_+1
Plbd1	5.937	7.325	11.415	11.686	10.426	10.601	10.516	10.856	10.251	10.628	66857	PLBD1	NM_025806_6_-1
Slc16a9	0.555	-3.408	-0.114	-1.645	0.454	-2.241	0.251	-0.496	-0.582	-3.233	66859	SLC16A9	NM_025807_10_+1
Lztr1	4.443	4.769	4.019	4.268	3.938	4.340	4.146	4.468	4.940	5.285	66863	LZTR1	NM_025808_16_+1
Nhlrc2	3.973	4.256	5.743	5.437	4.801	4.639	4.588	4.741	5.203	5.113	66866	NHLRC2	NM_025811_19_+1
Hmg20a	5.327	5.214	4.552	4.610	4.905	4.994	4.572	4.600	4.830	4.799	66867	HMG20A	NM_025812_9_+1
Mfsd1	6.203	6.210	6.827	6.785	6.436	6.307	6.970	7.110	7.827	7.986	66868	MFSD1	NM_025813_3_+1
Serbp1	5.746	5.663	5.243	5.293	5.592	5.515	5.309	4.974	4.412	4.347	66870	SERBP1	NM_025814_6_+1
Cpne8	-0.438	-1.137	1.096	4.227	-2.496	-1.967	-2.442	-1.403	-4.981	-0.283	66871	CPNE8	NM_025815_15_-1
Tax1bp1	8.110	8.200	8.168	8.037	7.690	7.834	7.851	7.797	7.894	8.106	52440	TAX1BP1	NM_025816_6_+1
Ncbp3	4.482	4.608	5.235	5.152	5.023	4.946	4.789	4.694	4.597	4.604	66874	NCBP3	NM_025818_11_+1
Swt1	5.177	5.381	4.929	4.827	5.494	5.563	5.141	4.716	3.987	4.535	66875	SWT1	NM_025819_1_-1
Crnk1	4.980	5.240	5.080	5.171	5.075	5.299	5.313	5.420	5.718	5.777	66877	CRNK1	NM_025820_2_-1
Carhsp1	5.003	4.876	4.192	4.527	4.720	4.970	4.854	5.201	5.275	5.287	52502	CARHSP1	NM_025821_16_-1
Rsrc1	5.388	5.172	4.989	4.841	5.377	5.132	5.435	4.910	4.873	4.571	66880	RSRC1	NM_025822_3_+1
Pcyox1	5.161	5.098	4.658	5.126	4.290	4.365	5.241	5.527	7.433	7.132	66881	PCYOX1	NM_025823_6_-1
Bzw1	7.869	8.328	8.025	7.914	7.389	7.350	7.426	7.812	8.019	8.196	66882	BZW1	NM_025824_1_+1
Appbp2	5.319	5.019	5.525	5.463	5.111	5.018	4.952	4.912	5.341	5.445	66884	APPBP2	NM_025825_11_-1
Acadsb	4.419	4.639	4.305	4.523	4.243	4.506	4.032	4.291	4.560	5.054	66885	ACADSB	NM_025826_7_+1
Lonp2	5.679	5.763	5.565	5.791	5.596	5.739	5.266	5.676	5.740	5.947	66887	LONP2	NM_025827_8_+1
Lman2	8.305	8.295	8.201	8.327	7.873	7.925	7.928	8.280	8.507	8.546	66890	LMAN2	NM_025828_13_-1
Eif4e3	5.848	5.864	4.712	4.895	5.624	5.553	6.098	6.181	6.721	6.947	66892	EIF4E3	NM_025829_6_-1
Wwp2	5.264	5.312	5.874	5.941	5.958	5.824	5.912	6.044	6.838	6.612	66894	WWP2	NM_025830_8_+1
Pxdc1	0.137	-2.060	1.081	2.006	3.364	4.362	2.896	4.230	-0.588	-0.266	66895	PXDC1	NM_025831_13_-1
Naa16	3.981	4.601	4.454	4.667	4.737	4.720	4.550	4.527	4.439	4.774	66897	NAA16	NM_025832_14_-1
Baiap21	1.995	0.472	0.525	0.517	1.333	0.827	1.733	1.171	1.601	1.440	66898	BAIAP21	NM_025833_5_-1
Proz	-2.647	-1.018	-1.012	-1.000	-0.979	-1.773	-1.490	-1.689	0.457	0.370	66901	PROZ	NM_025834_8_+1
Pccb	3.938	4.190	2.515	3.862	2.887	3.648	2.629	3.511	2.638	3.187	66904	PCCB	NM_025835_9_-1
Plin3	6.697	6.507	6.014	6.108	5.821	5.828	6.095	6.019	6.075	6.024	66905	PLIN3	NM_025836_17_-1
Mpi	3.198	3.105	4.112	4.293	3.631	3.374	3.388	3.575	3.311	3.329	110119	MPI	NM_025837_9_-1
Tmem107	3.689	3.505	2.254	1.770	1.568	1.713	1.631	2.204	1.994	1.852	66910	TMEM107	NM_025838_11_+1
Nudt16l1	6.941	6.914	5.701	6.020	6.875	6.860	6.292	6.136	5.749	5.421	66911	NUDT16L1	NM_025839_16_+1
Bzw2	5.855	5.789	6.364	6.458	6.184	6.169	5.570	6.008	4.263	4.413	66912	BZW2	NM_025840_12_-1
Kdelr2	6.180	6.383	5.490	5.635	4.702	5.002	5.217	5.463	5.340	5.256	66913	KDELR2	NM_025841_5_+1
Vps28	8.032	8.262	7.192	7.367	7.618	7.786	7.578	7.659	7.009	6.884	66914	VPS28	NM_025842_15_-1
Ndufb7	7.406	7.299	6.913	7.099	6.956	7.022	7.517	7.276	6.559	6.177	66916	NDUFB7	NM_025843_8_+1
Chordc1	6.043	6.351	6.185	6.258	6.074	5.993	5.977	5.925	5.116	5.685	66917	CHORDC1	NM_025844_9_+1
Prpf38b	5.880	6.043	7.591	7.531	7.183	7.212	7.003	6.697	6.235	6.549	66921	PRPF38B	NM_025845_3_-1
Rras2	5.960	6.456	4.778	5.176	7.595	7.236	6.454	5.419	1.695	1.444	66922	RRAS2	NM_025846_7_-1
Shdh	7.838	7.736	7.777	7.803	7.377	7.239	7.395	7.538	7.439	7.330	66925	SDHD	NM_025848_9_-1
Tmem261	6.708	6.941	6.104	6.348	5.444	5.708	5.724	6.024	4.919	5.446	66928	TMEM261	NM_025849_4_-1
170001014Rik	1.126	1.420	-0.444	0.838	0.121	0.023	0.346	0.284	0.586	1.648	66931	C6orf118	NM_025851_17_+1
Rexo1	5.040	5.046	5.114	4.993	5.649	5.503	5.313	5.330	6.150	5.825	66932	REXO1	NM_025852_10_-1
Dsn1	2.388	2.700	2.469	2.402	3.392	3.239	2.986	2.814	1.584	1.392	66934	DSN1	NM_025853_2_-1
Cir1	5.730	5.652	4.826	4.738	5.027	5.033	5.385	5.092	4.674	4.535	66935	CIR1	NM_025854_2_-1
Echdc1	1.919	2.706	3.484	3.835	2.407	3.114	1.325	2.504	0.871	1.855	52665	ECHDC1	NM_025855_10_+1
Sh3d21	-1.343	-0.641	-0.626	-0.308	0.712	0.290	-1.672	-1.972	-4.190	-3.233	66938	SH3D21	NM_025856_4_-1
Aagab	5.663	5.763	6.309	6.568	5.397	5.517	5.580	5.832	6.279	6.511	66939	AAGAB	NM_025857_9_+1
Shisa5	6.963	6.499	6.795	6.654	7.619	7.471	8.497	8.784	9.201	9.148	66940	SHISA5	NM_025858_9_+1
Arl1	5.664	5.526	5.588	5.570	5.169	5.095	5.361	5.457	5.851	5.819	104303	ARL1	NM_025859_10_+1
Ddx18	5.445	5.303	5.749	5.595	5.710	5.717	5.847	5.763	4.807	4.439	66942	DDX18	NM_025860_1_-1
Pqlc1	-0.355	-4.664	2.791	3.061	1.320	1.634	1.370	1.440	2.205	1.634	66943	PQLC1	NM_025861_18_+1
Acad8	4.539	4.971	4.048	4.349	4.139	4.269	4.480	4.229	4.530	4.337	66948	ACAD8	NM_025862_9_-1
Trim59	4.604	5.069	5.005	4.776	5.701	5.344	5.022	4.497	3.178	3.239	66949	TRIM59	NM_025863_3_-1
Tmem206	5.272	5.566	5.841	5.789	6.611	6.623	6.219	6.230	5.176	5.359	66950	TMEM206	NM_025864_1_+1
2310030G06Rik	-4.981	-4.981	-3.759	-0.695	-4.966	-4.966	-4.954	-4.420	-4.981	-4.316	66952	C11orf52	NM_025865_9_-1
Cdca7	-1.295	-0.743	3.753	4.144	4.492	4.039	4.055	4.018	2.738	1.642	66953	CDCA7	NM_025866_2_+1
Serpinb11	-4.981	-4.981	-4.981	-4.981	-3.641	-3.585	-4.981	-4.981	-4.981	-4.981	66957	SERPINB11	NM_025867_1_+1
Tmx2	6.650	6.944	5.760	5.856	5.950	6.001	5.851	6.002	4.978	4.894	66958	TMX2	NM_025868_2_-1
Swsap1	4.406	4.317	3.694	3.539	3.318	3.311	3.189	3.015	2.996	2.726	66962	SWSAP1	NM_025870_9_+1
Golt1b	5.029	4.444	4.442	3.464	4.464	3.302	4.281	3.209	4.056	2.901	66964	GOLT1B	NM_025872_6_+1
Trit1	6.087	6.156	5.859	6.169	5.427	5.632	4.916	5.089	4.085	4.049	66966	TRIT1	NM_025873_4_+1
Rbm8a	6.994	6.899	6.295	6.272	6.287	6.207	6.613	6.224	5.717	5.375	60365	RBM8A	NM_025875_3_+1
Cdk5rap1	4.791	3.731	4.293	3.079	4.401	3.392	4.110	2.865	3.513	2.460	66971	CDK5RAP1	NM_025876_2_-1
Slc25a23	2.439	3.069	1.464	2.068	0.841	1.115	1.291	1.808	1.304	0.770	66972	SLC25A23	NM_025877_17_-1
Mrms18b	5.981	5.812	5.747	5.784	5.325	5.179	5.340	5.280	4.638	4.265	66973	MRPS18B	NM_025878_17_-1
Trappc13	3.516	2.892	2.362	0.660	1.310	0.071	0.612	2.026	-1.653	-1.129	66975	TRAPPC13	NM_025879_13_-1
2410002F23Rik	6.703	6.479	5.244	5.327	5.634	5.728	5.301	5.247	4.504	3.913	668661	NA	NM_025880_7_+1
Luc7l	1.426	1.599	0.922	1.860	2.236	1.623	1.870	1.446	-2.780	0.295	66978	LUC7L	NM_025881_17_+1
Pole4	7.644	8.042	6.885	7.125	7.058	7.221	6.749	6.801	4.575	4.840	66979	POLE4	NM_025882_6_-1
Zdhhc6	5.688	5.580	5.687	5.702	6.092	6.262	6.091	6.190	5.867	5.898	66980	ZDHC6	NM_025883_19_-1
Zfp830	4.820	5.113	4.823	4.882	4.728	4.968	4.934	4.998	4.779	4.897	66983	ZNF830	NM_025884_11_+1
Med19	5.095	5.059	4.376	4.525	4.543	4.520	4.304	4.178	3.537	3.394	381379	MED19	NM_025885_2_+1

Rassf7	4.266	4.140	3.632	3.713	3.122	3.503	3.074	3.018	2.022	2.104	66985	RASSF7	NM_025886_7_+1
Rab5a	6.783	6.937	6.950	6.761	6.276	6.221	6.661	6.554	6.945	7.128	271457	RAB5A	NM_025887_17_+1
Kctd20	5.330	5.697	6.061	5.988	5.713	5.620	5.818	5.864	7.543	7.321	66989	KCTD20	NM_025888_17_+1
Tmem134	6.937	6.907	6.483	6.575	6.406	6.485	6.278	6.115	5.457	5.177	66990	TMEM134	NM_025889_19_+1
Khdc3	-0.659	-2.681	-4.582	-4.124	-2.989	-4.265	-2.081	-2.905	-0.785	-1.692	66991	KHDC3L	NM_025890_9_+1
Smardc3	-0.786	-2.997	-1.582	-2.077	-2.607	-3.291	-3.362	-2.834	-2.335	-2.426	66993	SMARCD3	NM_025891_5_-1
Cep19	3.871	3.642	3.215	3.087	2.562	2.308	2.823	2.844	3.720	3.030	66994	CEP19	NM_025892_16_+1
Zcchc18	4.251	3.748	-1.441	-0.828	-0.214	0.431	0.104	1.061	-1.266	-2.316	66995	ZCCHC18	NM_025893_X_+1
Psmd12	6.854	6.943	6.807	6.966	6.501	6.463	6.383	6.412	6.071	6.022	66997	PSMD12	NM_025894_11_+1
Med28	8.023	8.124	7.198	7.326	7.276	7.542	7.282	7.239	6.124	6.345	66999	MED28	NM_025895_5_+1
Rrp8	4.124	3.922	3.827	3.715	4.212	3.279	4.113	3.719	3.904	2.988	101867	RRP8	NM_025897_7_-1
Napa	8.089	7.745	7.419	7.438	7.664	7.706	7.417	7.429	7.363	7.081	108124	NAPA	NM_025898_7_+1
Uqcrc2	7.429	7.398	7.725	7.745	7.176	7.193	7.086	7.208	6.791	6.885	67003	UQCRC2	NM_025899_7_+1
Dek	7.898	7.664	7.875	7.703	7.901	7.576	8.075	7.552	7.164	7.296	110052	DEK	NM_025900_13_-1
Polr3k	6.308	6.436	6.123	6.185	5.866	5.987	6.110	5.940	5.183	5.245	67005	POLR3K	NM_025901_2_+1
Cisd2	6.111	5.729	6.505	6.311	6.088	5.940	6.509	6.301	6.483	6.583	67006	CISD2	NM_025902_3_-1
Ifrd2	1.917	1.377	1.743	2.769	2.066	3.136	1.909	3.102	2.072	1.866	15983	IFRD2	NM_025903_9_+1
Yae1d1	5.644	5.474	4.566	4.550	4.568	4.424	4.261	4.328	3.673	3.655	67008	YAE1D1	NM_025904_13_-1
Ttc23	-4.823	-4.733	-4.739	-4.850	-4.958	-4.960	-4.885	-4.971	-4.825	-4.905	67009	TTC23	NM_025905_7_+1
Mettl6	3.862	4.043	3.986	4.162	3.677	3.740	3.838	3.922	3.994	3.832	67011	METTL6	NM_025907_14_-1
Oma1	4.337	4.578	4.723	5.031	5.206	5.274	4.804	4.917	4.114	4.445	67013	OMA1	NM_025909_4_+1
Mina	6.587	6.164	5.568	5.470	5.888	5.983	5.720	5.489	5.079	4.752	67014	MINA	NM_025910_16_+1
Ccdc91	3.144	4.170	4.005	4.654	3.395	4.137	3.115	3.944	3.048	3.911	67015	CCDC91	NM_025911_6_+1
Fam210b	4.009	4.067	3.884	4.183	3.833	4.398	4.106	4.692	4.676	4.470	67017	FAM210B	NM_025912_2_+1
Actr6	4.866	4.947	4.650	4.523	4.227	4.089	4.174	3.917	3.407	3.503	67019	ACTR6	NM_025914_10_-1
Tmem88	2.052	1.298	3.148	2.191	2.593	2.047	2.748	1.600	1.654	1.761	67020	TMEM88	NM_025915_11_-1
Use1	6.965	6.856	6.227	6.252	6.340	6.297	6.497	6.201	5.841	5.322	67023	USE1	NM_025917_8_+1
Ccdc43	4.669	4.725	4.234	4.483	4.357	4.264	4.234	4.336	4.440	4.759	52715	CCDC43	NM_025918_11_-1
Rpl11	8.668	8.683	8.890	8.727	8.679	8.635	8.894	8.664	7.764	7.442	67025	RPL11	NM_025919_4_-1
Thap4	3.150	3.694	4.010	4.135	3.424	3.240	3.475	3.554	3.299	3.527	67026	THAP4	NM_025920_1_-1
261002M06Rik	4.062	4.350	2.458	3.104	3.875	3.715	4.135	4.066	4.126	4.580	67028	NA	NM_025921_X_-1
Itpa	5.600	5.498	4.858	4.889	4.905	4.870	4.808	4.838	4.313	4.366	16434	ITPA	NM_025922_2_+1
Fancl	4.808	5.159	5.817	6.170	5.369	5.532	4.928	5.045	3.804	3.994	67030	FANCL	NM_025923_11_+1
Upf3a	4.710	5.079	4.789	4.902	4.738	4.419	4.662	4.527	4.400	4.473	67031	UPF3A	NM_025924_8_+1
Dnajb4	2.886	3.550	1.712	2.110	4.498	4.494	4.055	3.997	2.900	3.714	67035	DNAJB4	NM_025926_3_-1
Mrpl45	4.967	5.098	4.886	4.951	5.300	4.996	5.022	4.936	4.175	4.031	67036	MRPL45	NM_025927_11_+1
Pmf1	4.632	4.448	5.271	5.515	5.110	4.796	4.832	4.759	3.709	3.130	67037	PMF1 PMF1-BGLAIN	NM_025928_3_-1
2010109103Rik	-0.897	-2.883	-0.251	-2.978	-2.168	-4.297	-0.742	-2.203	0.645	-2.465	67038	NA	NM_025929_15_-1
Ift27	5.899	6.074	4.006	3.728	4.518	4.618	4.046	4.506	3.608	3.402	67042	IFT27	NM_025931_15_-1
Syap1	6.249	6.203	5.806	5.869	5.729	5.752	5.855	5.738	5.764	6.309	67043	SYAP1	NM_025932_X_-1
Higd2a	7.069	6.978	7.059	7.132	6.829	6.968	7.206	6.980	6.627	6.016	67044	HIGD2A	NM_025933_13_+1
Riok2	5.400	5.227	4.388	4.617	4.453	4.784	4.180	4.168	3.824	3.863	67045	RIOK2	NM_025934_17_+1
Tbc1d7	2.431	2.912	2.145	1.597	1.780	1.498	1.229	0.301	0.122	-0.616	67046	TBC1D7	NM_025935_13_-1
Rars	5.719	5.501	5.805	6.092	5.393	5.300	5.377	5.367	5.400	5.203	104458	RARS	NM_025936_11_-1
Nkap	4.971	5.251	4.864	4.809	5.092	5.129	5.079	5.000	4.450	4.520	67050	NKAP	NM_025937_X_+1
Rpp14	5.285	5.301	4.888	5.088	4.923	4.710	4.753	4.630	4.220	3.824	67053	RPP14	NM_025938_14_+1
Paics	6.952	6.968	6.837	6.937	6.973	6.792	6.836	6.854	6.212	6.350	67054	PAICS	NM_025939_5_+1
Ola1	4.965	5.353	5.703	5.747	5.528	5.440	5.409	5.313	4.582	4.729	67059	OLA1	NM_025942_2_-1
Dzip1	-2.273	-0.224	-1.668	-0.857	-2.432	1.540	-0.776	-1.927	-2.736	-3.882	66573	DZIP1	NM_025943_14_-1
Tmem246	-4.981	-2.239	-1.645	-0.545	-2.056	-1.762	-3.849	-1.706	-3.925	-4.342	67063	TMEM246	NM_025944_4_-1
Polr3d	3.740	3.665	3.136	2.946	3.028	3.007	2.943	3.245	2.841	3.200	67065	POLR3D	NM_025945_14_-1
Romo1	3.007	2.325	1.744	1.358	1.790	1.653	1.387	1.174	-0.043	0.246	67067	ROMO1	NM_025946_2_+1
Dynlrb1	8.189	7.788	7.599	7.186	7.717	7.358	7.802	7.133	6.596	6.264	67068	DYNLRB1	NM_025947_2_+1
Lsm14a	6.439	6.553	6.369	6.320	6.084	5.851	6.251	6.311	6.830	6.753	67070	LSM14A	NM_025948_7_-1
Cdc37l1	3.441	2.992	3.279	3.137	2.958	3.026	2.701	2.580	2.614	2.781	67072	CDC37L1	NM_025950_19_+1
Pi4k2b	2.504	3.268	3.471	2.904	0.784	1.913	1.399	2.551	2.906	3.173	67073	PI4K2B	NM_025951_5_+1
Magt1	4.362	3.992	3.615	3.527	3.120	2.883	3.445	3.757	3.908	3.845	67075	MAGT1	NM_025952_X_-1
Pgp	5.467	5.499	4.790	4.903	4.570	4.805	4.718	4.964	4.997	4.709	67078	PGP	NM_025954_17_+1
Cand2	1.165	0.622	0.640	0.185	-0.021	-0.186	-0.795	-0.098	-0.904	-1.066	67088	CAND2	NM_025958_6_+1
Psmc6	6.635	6.933	6.581	6.602	6.264	6.281	6.325	6.260	5.772	5.890	67089	PSMC6	NM_025959_14_+1
Trappc6a	6.307	6.261	5.367	5.564	5.139	5.579	5.646	5.514	5.356	4.938	67091	TRAPPC6A	NM_025960_7_+1
Gatm	1.564	1.425	7.550	8.582	4.238	4.732	5.074	7.439	3.640	8.103	67092	GATM	NM_025961_2_-1
Mmachc	3.492	3.488	2.994	2.985	2.811	2.604	2.846	2.834	1.675	1.950	67096	MMACHC	NM_025962_4_-1
Rps10	8.613	8.578	8.907	8.838	8.748	8.768	9.040	8.853	7.864	7.643	67097	RPS10	NM_025963_17_-1
Mettl21a	5.750	5.475	4.598	4.428	4.269	4.424	4.197	4.488	4.298	4.370	67099	METTL21A	NM_025964_1_-1
Ssr1	8.295	8.183	7.846	7.880	8.204	8.123	8.020	7.951	7.508	7.890	107513	SSR1	NM_025965_13_-1
2310039H08Rik	6.052	5.435	4.967	4.320	4.553	4.273	5.033	4.390	3.736	3.292	67101	NA	NM_025966_17_+1
D16Erttd472e	3.896	2.300	3.022	2.036	2.582	0.949	2.464	1.236	0.696	-1.681	67102	C21orf91	NM_025967_16_-1
Ptgr1	4.410	4.920	3.205	3.114	2.402	2.319	1.835	2.738	4.506	4.335	67103	PTGR1	NM_025968_4_-1
Timm21	5.320	5.569	4.544	4.533	4.608	4.677	4.568	4.687	3.977	4.281	67105	TIMM21	NM_025969_18_-1
Zbtb8os	5.984	6.035	5.395	5.798	5.459	5.888	5.608	5.458	4.097	4.392	67106	ZBTB8OS	NM_025970_4_+1
Naaa	4.264	4.605	10.958	11.199	4.950	5.450	6.476	8.398	8.339	8.577	67111	NAAA	NM_025972_5_-1
Rpl14	9.336	9.200	9.913	9.922	9.298	9.252	9.476	9.384	7.914	7.711	67115	RPL14	NM_025974_9_+1
Dynlt3	6.374	6.809	5.646	5.953	5.164	5.569	5.504	6.013	5.432	6.284	67117	DYNLT3	NM_025975_X_-1

Bfar	6.153	6.355	6.283	6.158	6.046	6.165	6.014	5.866	5.770	5.937	67118	BFAR	NM_025976_16_+1
Ccdc159	-1.916	-1.453	-3.813	-2.527	-4.575	-4.215	-4.899	-4.747	-4.505	-4.981	67119	CCDC159	NM_025977_9_+1
Ttc14	2.790	1.135	4.122	1.217	3.893	2.537	1.648	1.561	4.536	4.875	67120	TTC14	NM_025978_3_+1
Mastl	-0.440	0.025	0.834	0.433	1.545	-0.031	0.548	0.414	-0.509	-0.750	67121	MASTL	NM_025979_2_-1
Nrarp	-2.362	-2.681	-2.215	-2.110	0.097	-1.133	1.782	-0.107	2.872	1.694	67122	NRARP	NM_025980_2_+1
Tspan31	7.847	7.916	6.386	6.666	6.703	6.697	6.608	6.837	6.958	6.988	67125	TSPAN31	NM_025982_10_-1
Atp5e	7.775	7.290	7.972	7.686	7.736	7.463	7.945	7.473	6.906	6.406	67126	NA	NM_025983_2_-1
Ube2g1	6.290	6.424	6.258	6.096	5.864	5.963	6.045	6.082	6.014	6.364	67128	UBE2G1	NM_025985_11_+1
Ndufa6	7.380	7.340	7.522	7.470	7.126	7.217	7.532	7.324	6.681	6.499	67130	NDUFA6	NM_025987_15_-1
Acbd4	4.207	4.008	2.304	2.999	2.920	3.156	2.749	3.438	3.346	3.476	67131	ACBD4	NM_025988_11_+1
Gp2	-1.413	-1.295	6.375	8.784	2.367	6.064	0.942	5.361	-4.981	-2.795	67133	GP2	NM_025989_7_-1
Kbtbd4	4.067	3.948	3.871	4.028	4.011	4.062	3.842	4.074	3.878	4.130	67136	KBTBD4	NM_025991_2_+1
Herc6	4.799	5.019	4.912	4.603	5.804	5.388	5.418	4.639	4.883	4.648	67138	HERC6	NM_025992_6_+1
Mis12	4.067	4.041	4.894	5.038	4.213	3.861	4.294	4.490	4.753	4.823	67139	MIS12	NM_025993_11_+1
Efh2	5.924	5.904	9.248	9.547	9.397	9.145	9.175	9.107	8.383	8.898	27984	EFH2	NM_025994_4_-1
Fbxo5	1.413	1.863	2.154	2.482	3.881	3.412	3.175	2.797	2.364	1.672	67141	FBXO5	NM_025995_10_-1
Tomm34	3.202	2.734	3.372	3.240	2.953	2.870	2.835	2.561	3.444	2.744	67145	TOMM34	NM_025996_2_-1
Fam103a1	7.439	7.308	6.685	6.241	4.668	6.184	6.740	6.322	6.658	6.353	67148	FAM103A1	NM_025997_7_+1
Rnf141	3.284	3.916	4.122	3.685	3.312	2.753	2.866	3.634	2.907	3.225	67150	RNF141	NM_025999_7_-1
Psm19	5.958	6.073	4.616	4.670	4.922	4.885	4.759	4.774	4.730	4.212	67151	PSMD9	NM_026000_5_+1
Rnaseh2b	5.248	4.624	4.947	4.727	5.088	4.667	4.836	4.254	3.617	3.119	67153	RNASEH2B	NM_026001_14_+1
Mtdh	7.621	7.542	6.795	6.617	7.094	7.346	7.061	7.014	6.905	7.078	67154	MTDH	NM_026002_15_+1
Smarca2	4.060	3.283	1.160	0.063	5.444	5.840	3.608	1.596	-3.240	-4.926	67155	SMARCA2	NM_026003_19_+1
Nt5c3	4.773	5.207	4.726	4.952	4.592	4.697	4.616	4.978	3.869	3.859	107569	NT5C3A	NM_026004_6_-1
2610301B20Rik	4.556	4.979	3.809	3.925	3.456	3.937	3.181	3.926	2.926	3.865	67157	C8orf37	NM_026005_4_+1
Sft2d3	4.342	4.344	3.277	3.266	2.961	3.360	2.825	3.177	3.057	2.912	67158	SFT2D3	NM_026006_18_-1
Eef1g	8.057	7.864	8.273	8.566	7.982	7.971	7.981	8.130	6.510	6.697	67160	EEF1G	NM_026007_19_+1
Ccdc47	6.729	6.855	6.196	6.256	6.898	6.878	6.505	6.539	6.485	6.692	67163	CCDC47	NM_026009_11_-1
Lipt2	2.202	2.091	1.926	1.969	1.609	1.643	1.844	2.057	2.211	2.154	67164	LIPT2	NM_026010_7_+1
Arl8b	6.495	6.519	6.572	6.662	6.675	6.823	6.697	6.750	6.667	6.993	67166	ARL8B	NM_026011_6_+1
Nradd	-0.026	0.570	-0.568	-0.432	-1.048	-1.459	-0.970	-1.460	-0.680	-0.335	67169	NA	NM_026012_9_-1
Dram2	5.323	5.480	4.945	5.121	5.522	5.812	5.850	6.295	6.126	6.772	67171	DRAM2	NM_026013_3_+1
Cdt1	2.161	2.171	3.524	3.357	4.135	3.745	3.845	3.899	3.995	3.437	67177	CDT1	NM_026014_8_+1
Zmat5	6.507	6.114	5.292	5.400	5.926	5.618	6.154	5.553	5.237	4.411	67178	ZMAT5	NM_026015_11_+1
Ctdnep1	4.765	4.450	5.066	5.431	5.137	5.020	5.327	5.262	4.451	4.583	67181	CTDNEP1	NM_026017_11_+1
Pdzk1ip1	-1.366	1.508	0.989	3.611	-3.320	2.039	-0.738	1.186	-1.463	-1.730	67182	PDZK1IP1	NM_026018_4_+1
Rplp2	8.611	8.448	9.024	8.847	9.198	9.075	9.446	9.052	7.961	7.555	67186	RPLP2	NM_026020_7_+1
Zmynd19	3.723	3.945	3.545	3.731	3.503	3.392	2.971	3.154	1.303	1.568	67187	ZMYND19	NM_026021_2_+1
Nudcd2	5.436	5.248	5.212	5.344	4.780	4.866	4.914	4.801	3.575	3.891	52653	NUDCD2	NM_026023_11_+1
Ube2t	1.654	1.650	2.731	0.747	2.431	0.077	2.233	0.641	-0.164	-1.406	67196	UBE2T	NM_026024_1_+1
Zcrb1	6.441	6.337	5.653	5.394	5.707	5.488	5.762	5.407	4.909	4.721	67197	ZCRB1	NM_026025_15_-1
Pfdn1	5.450	5.106	4.369	4.763	4.557	4.579	4.650	4.599	3.719	3.569	67199	PFDN1	NM_026027_18_-1
Ccdc77	2.124	2.078	1.665	1.131	2.466	2.432	2.249	2.019	2.018	2.093	67200	CCDC77	NM_026028_6_-1
Glod4	6.976	7.002	6.847	6.680	6.357	6.262	6.314	6.178	5.589	5.363	67201	GLOD4	NM_026029_11_-1
Eif2s2	7.098	7.122	7.042	7.281	6.586	6.697	6.968	7.123	6.111	6.778	67204	EIF2S2	NM_026030_2_-1
Utp11	6.103	6.117	5.251	5.194	5.695	5.634	5.507	5.327	4.283	4.278	67205	UTP11	NM_026031_4_-1
Lsm1	6.323	6.392	5.720	5.727	5.706	5.732	5.576	5.251	4.301	4.295	67207	LSM1	NM_026032_8_+1
Gatad1	5.552	5.551	4.222	3.494	3.704	3.062	3.635	3.358	3.818	3.574	67210	GATAD1	NM_026033_5_-1
Armc10	5.237	5.168	4.800	4.583	4.627	4.499	4.756	4.474	4.419	4.084	67211	ARMC10	NM_026034_5_+1
Mrpl55	4.556	-4.981	3.770	-4.911	3.591	-3.245	3.922	-4.732	2.795	-2.873	67212	MRPL55	NM_026035_11_+1
Cmtm6	6.664	6.939	7.441	7.307	6.849	6.949	7.123	7.541	9.174	9.131	67213	CMTM6	NM_026036_9_+1
Mboat2	-4.981	-4.320	-4.777	-0.617	-4.665	-0.508	-4.829	-1.702	-4.852	-0.082	67216	MBOAT2	NM_026037_12_+1
L3hypdh	-2.362	-1.294	-0.768	0.667	-2.907	-2.175	-1.061	-0.407	-4.394	0.100	67217	L3HYPDH	NM_026038_12_-1
Med18	3.325	3.026	2.747	2.436	3.025	2.713	2.984	2.567	2.930	2.726	67219	MED18	NM_026039_4_-1
Srfbp1	4.154	3.984	3.805	3.825	3.789	3.676	3.728	3.796	3.512	3.388	67222	SRFBP1	NM_026040_18_+1
Rrp15	4.995	4.967	4.462	4.615	4.614	4.366	4.469	4.502	3.361	3.195	67223	RRP15	NM_026041_1_-1
Med29	5.783	5.680	4.973	5.029	4.933	5.140	5.169	5.035	4.169	3.949	67224	MED29	NM_026042_7_-1
Rnpc3	4.566	5.270	4.345	4.376	4.451	4.366	4.283	4.324	3.910	4.042	67225	RNPC3	NM_026043_3_-1
Dph7	4.585	4.622	3.969	3.983	4.224	4.096	3.690	3.790	3.213	2.857	67228	DPH7	NM_026044_2_+1
Prpf18	4.743	4.897	5.765	5.593	5.901	5.852	5.540	5.396	6.071	6.006	67229	PRPF18	NM_026045_2_-1
Zfp329	3.381	3.572	3.496	3.278	4.157	4.006	4.198	3.916	3.653	3.956	67230	ZNF329	NM_026046_7_-1
Rnf219	3.281	2.858	3.301	3.027	3.715	3.614	3.911	3.201	2.465	2.587	72486	RNF219	NM_026047_14_-1
Cinp	4.151	4.331	3.603	3.819	3.786	3.708	3.773	4.105	3.459	3.384	67236	CINP	NM_026048_12_-1
Fam220a	1.029	0.722	-0.997	-0.288	0.356	0.831	1.005	-0.584	-4.656	-0.130	67238	FAM220A	NM_026050_5_+1
Gemin6	3.781	3.871	3.566	3.476	3.976	3.979	3.484	3.650	1.667	2.099	67242	GEMIN6	NM_026053_17_+1
2810474O19Rik	5.137	4.737	5.899	5.330	6.150	6.125	6.076	5.679	5.925	5.675	67246	KIAA1551	NM_026054_6_+1
Rpl39	8.139	8.006	8.653	8.515	8.354	8.246	8.639	8.321	7.024	7.220	67248	RPL39	NM_026055_X_-1
Zfp422	5.613	5.797	6.028	5.941	5.622	5.583	5.196	5.225	4.639	4.558	67255	ZNF422	NM_026057_6_-1
Cers4	3.418	4.392	0.851	1.481	0.877	1.636	1.476	3.026	2.048	2.396	67260	CERS4	NM_026058_8_+1
Ndufb8	8.226	8.183	7.905	8.040	7.934	8.026	8.265	8.188	7.485	7.338	67264	NDUFB8	NM_026061_19_-1
Fam69a	7.518	8.080	6.851	6.738	7.298	7.584	6.980	7.040	7.338	7.595	67266	FAM69A	NM_026062_5_-1
Uqcc2													

Eri1	5.157	5.534	6.031	5.959	6.195	5.993	6.145	6.106	6.122	6.144	67276	ERI1	NM_026067_8_-1
Med31	5.820	5.925	4.378	4.084	4.418	4.331	4.591	4.339	3.465	3.569	67279	MED31	NM_026068_11_-1
Rpl37	8.907	8.502	9.546	9.259	9.138	8.680	9.399	8.968	8.320	7.894	67281	RPL37	NM_026069_15_+1
Ccdc53	5.941	5.891	5.594	5.573	5.102	5.254	5.173	5.170	4.530	4.659	67282	CCDC53	NM_026070_10_+1
Slc25a19	5.430	4.348	4.981	4.341	5.135	4.527	5.087	4.366	4.466	3.994	67283	SLC25A19	NM_026071_11_-1
Cwc27	4.833	5.299	4.582	4.433	4.667	4.565	4.259	4.337	4.130	3.845	67285	CWC27	NM_026072_13_-1
Ift22	4.546	4.637	4.576	4.391	3.423	3.884	3.735	4.066	3.213	3.066	67286	IFT22	NM_026073_5_+1
Srek1ip1	4.857	5.208	4.568	4.573	4.026	4.652	4.273	4.389	3.304	3.615	67288	NA	NM_026075_13_+1
3110040N11Rik	4.757	4.549	4.206	4.136	4.003	4.153	4.032	3.707	2.903	2.720	67290	C15orf40	NM_026077_7_-1
Pigc	3.165	3.102	3.023	2.878	3.225	3.320	3.529	3.318	2.799	3.264	67292	PIGC	NM_026078_1_+1
Ikbkap	3.754	3.901	3.913	4.176	4.309	4.234	4.307	4.748	5.022	4.933	230233	IKBKAP	NM_026079_4_-1
Mrsps24	6.555	6.709	6.238	6.270	5.928	6.346	6.358	6.432	5.872	5.718	64660	MRPS24	NM_026080_11_-1
Gprasp1	-1.997	0.866	-2.820	0.730	0.537	1.268	-0.875	-0.318	0.205	-2.459	67298	GPRASP1	NM_026081_X_+1
Dock7	2.032	1.808	4.640	4.182	4.004	3.860	4.303	4.552	3.904	4.728	67299	DOCK7	NM_026082_4_-1
Zc3h13	5.394	5.592	5.561	5.412	5.973	5.936	5.767	5.466	5.162	5.026	67302	NA	NM_026083_14_+1
Pblid2	-1.365	-2.275	-0.281	-0.381	-0.495	-0.326	-3.111	-2.946	-4.981	-3.758	67307	NA	NM_026085_10_+1
Nanp	4.559	4.868	3.728	4.066	4.413	3.992	4.184	4.128	3.140	3.163	67311	NANP	NM_026086_2_-1
170002211Rik	-4.981	-2.883	-4.217	-2.357	-4.978	-4.611	-4.981	-4.981	-4.981	-4.981	67317	C9orf131	NM_026088_4_+1
1700037H04Rik	3.328	3.648	3.879	4.151	3.447	3.768	3.446	4.001	4.010	3.901	67326	C20orf27	NM_026091_2_-1
Snrpd3	7.290	7.254	6.791	6.932	6.956	6.975	7.066	6.796	5.496	5.342	67332	SNRPD3	NM_026095_10_+1
Rffl	1.751	0.750	-0.357	0.327	-0.298	0.788	1.491	0.549	2.774	2.068	67338	RFFL	NM_026097_11_-1
Herc4	4.261	4.500	5.470	5.406	6.276	5.839	6.586	6.281	7.771	7.814	67345	HERC4	NM_026101_10_+1
Daam1	1.198	2.851	2.302	2.365	1.484	2.008	0.146	0.553	1.783	2.354	208846	DAAM1	NM_026102_12_+1
Dr1	6.123	6.334	5.802	5.768	5.704	5.756	6.121	6.151	7.218	7.271	13486	DR1	NM_026106_5_+1
Zkscan6	0.690	0.730	-0.183	-1.491	-1.898	-2.526	-1.893	-1.633	-0.122	-1.214	52712	ZNF18	NM_026107_11_+1
Paxbp1	6.224	6.367	6.473	6.118	7.127	7.093	6.844	6.204	5.341	5.763	67367	PAXBP1	NM_026110_16_-1
Qpctl	4.291	3.204	3.267	2.190	2.402	1.636	2.579	2.541	3.632	2.963	67369	QPCTL	NM_026111_7_-1
Zfp606	2.519	2.335	2.458	2.628	2.257	2.496	2.801	2.575	2.681	3.170	67370	ZNF606	NM_026112_7_+1
Gtf3c6	6.122	6.046	5.695	5.870	4.892	4.885	5.123	5.029	3.978	3.875	67371	GTF3C6	NM_026113_10_-1
Eif2s1	7.281	7.504	7.930	8.248	7.199	7.214	7.010	7.296	6.224	6.647	13665	EIF2S1	NM_026114_12_+1
Hat1	6.617	7.202	6.114	5.934	7.016	6.710	6.641	6.173	4.911	4.506	107435	HAT1	NM_026115_2_+1
Bbs2	3.679	2.858	2.615	1.114	2.429	1.734	2.093	1.135	2.213	0.015	67378	BBS2	NM_026116_8_-1
Med4	5.540	5.691	4.749	4.675	5.070	5.098	5.081	5.130	4.712	4.673	67381	MED4	NM_026119_14_+1
Carnmt1	5.288	5.375	4.927	4.834	4.859	4.612	4.861	4.877	3.837	4.154	67383	CARNMT1	NM_026120_19_+1
Bag4	3.684	3.746	4.146	3.883	4.084	3.925	3.771	3.756	3.790	3.864	67384	BAG4	NM_026121_8_-1
Hmgn3	7.054	6.936	5.144	5.521	5.152	5.141	3.617	3.840	1.168	1.517	94353	NA	NM_026122_9_-1
Unc50	7.154	7.240	6.762	6.541	6.305	6.318	6.410	6.423	6.164	6.261	67387	UNC50	NM_026123_1_+1
1110008F13Rik	7.257	7.209	8.444	8.215	7.182	7.263	7.422	7.617	7.955	7.808	67388	C20orf24	NM_026124_2_+1
Fam132a	2.647	1.494	1.758	2.676	2.609	3.177	2.223	3.522	2.413	1.501	67389	FAM132A	NM_026125_4_+1
Fundc2	5.559	5.366	4.567	4.662	5.262	5.156	5.152	5.092	4.111	4.266	67391	FUNDC2	NM_026126_X_+1
4833420G17Rik	3.821	3.511	3.889	3.543	3.307	3.734	3.397	3.527	3.969	3.698	67392	C5orf34	NM_026127_13_+1
Erp29	8.657	8.548	8.124	8.316	7.887	8.097	7.859	8.083	8.025	8.141	67397	ERP29	NM_026129_5_-1
Srpr	6.394	6.602	6.531	6.546	6.315	6.597	6.524	6.704	7.007	6.908	67398	SRPRA	NM_026130_9_+1
Pdlim7	-4.701	-4.981	0.926	0.599	-1.437	-1.415	-2.168	-2.597	-2.752	-1.573	67399	PDLM7	NM_026131_13_-1
Txndc8	-4.981	-4.981	-4.433	-3.588	-4.963	-4.642	-4.981	-4.981	-4.981	-4.981	67402	TXNDC8	NM_026132_4_-1
Wdr13	4.070	4.566	4.027	4.056	3.861	4.621	3.793	4.270	4.122	4.615	73447	WDR13	NM_026137_X_-1
Armxc2	-3.794	-0.305	-2.971	-2.192	-0.567	-1.828	-1.664	-0.779	-4.735	-4.591	67416	ARMCX2	NM_026139_X_-1
Ears2	3.048	3.159	2.776	3.014	2.963	2.970	2.999	2.596	1.520	1.625	67417	EARS2	NM_026140_7_-1
Ppil4	6.486	6.618	6.298	6.395	6.627	6.693	6.541	6.335	6.407	6.540	67418	PPIL4	NM_026141_10_+1
Dhdds	4.935	5.026	4.353	5.020	4.418	3.401	4.523	4.708	5.181	5.573	67422	DHDDS	NM_026144_4_-1
Kctd10	6.266	6.028	6.473	6.470	5.680	5.335	5.987	6.261	7.512	7.173	330171	KCTD10	NM_026145_5_-1
Eps8l1	1.830	-4.981	2.062	-4.893	2.490	-3.039	2.321	-4.570	1.946	-3.576	67425	EPS8L1	NM_026146_7_+1
Rps20	9.136	8.957	9.210	9.109	8.687	8.496	8.996	8.723	7.252	7.170	67427	RPS20	NM_026147_4_-1
Lims1	7.241	7.289	5.274	5.086	6.078	5.678	6.605	6.827	7.945	8.285	110829	LIMS1	NM_026148_10_+1
Nudcd1	2.184	2.279	1.442	2.355	1.751	1.530	1.907	1.368	-0.143	0.969	67429	NUDCD1	NM_026149_15_-1
4921536K21Rik	-3.668	-1.793	-2.783	-2.412	-3.522	-4.442	-3.322	-3.179	-1.748	-3.435	67430	C5orf52	NM_026150_11_-1
Hoga1	-2.948	-4.981	1.538	1.365	-2.508	-2.053	-2.477	-3.112	-2.834	-3.853	67432	HOGA1	NM_026152_19_+1
Ankrd33b	-0.017	-4.981	3.151	3.345	3.071	2.664	1.264	1.544	-0.175	-0.495	67434	ANKRD33B	NM_026153_15_-1
Mrpl10	5.912	5.905	5.780	5.955	5.696	5.660	5.556	5.732	5.570	5.774	107732	MRPL10	NM_026154_11_+1
Ssr3	6.878	6.896	7.367	7.407	5.932	6.074	6.823	7.224	7.699	8.096	67437	SSR3	NM_026155_3_-1
Xab2	5.922	6.068	6.224	6.230	6.566	6.519	6.521	6.412	6.665	6.355	67439	XAB2	NM_026156_8_-1
Mtpap	5.263	5.203	5.232	5.188	5.196	5.192	5.260	5.225	5.503	5.470	67440	MTPAP	NM_026157_18_+1
Isoc2b	5.262	2.935	3.987	1.816	3.976	1.992	3.651	1.427	3.327	1.371	67441	NA	NM_026158_7_-1
Retsat	2.531	4.328	2.520	4.316	1.583	3.199	2.277	4.631	3.384	4.702	67442	RETSAT	NM_026159_6_+1
Map1lc3b	9.168	8.977	8.086	8.015	8.003	8.140	8.376	8.459	8.411	8.388	67443	MAP1LC3B	NM_026160_8_+1
C1qtnf4	-4.981	-4.981	-0.895	-1.736	-0.468	-0.478	-2.159	-1.649	-4.981	-4.342	67445	C1QTNF4	NM_026161_2_+1
Plxdc2	4.553	5.179	0.241	-0.467	-1.287	-1.005	1.486	3.734	0.496	3.056	67448	PLXDC2	NM_026162_2_+1
Pkp2	-4.981	-4.981	-4.606	-3.901	-3.992	-3.821	-4.949	-3.625	-4.981	-4.981	67451	PKP2	NM_026163_16_+1
Pnpla8	4.886	5.056	5.589	5.816	5.103	5.004	5.644	5.503	5.581	6.051	67452	PNPLA8	NM_026164_12_+1
Slc25a46	5.499	5.795	5.718	5.477	5.377	5.275	5.471	5.398	5.458	5.686	67453	SLC25A46	NM_026165_18_-1
Ikbip	3.006	3.253	2.146	2.421	2.353	2.915	1.431	2.392	2.293	2.649	67454	IKBIP	NM_026166_10_+1
Klhl13	-4.981	-3.844	-4.936	-3.530	-4.905	-3.919	-4.916	-2.815	-4.981	-4.981	67455	KLHL13	NM_026167_X_-1
Ergic2	6.504	6.613	6.290	6.402	5.934	6.204	5.985	6.112	5.673	6.004	67456	ERGIC2	NM_026168_6_-1
Frmtd8	3.978	4.095	4.739	4.489	5.006	4.977	5.652	5.463	6.429	5.906	67457	FRMD8	NM_026169_19_-1

Ergic1	6.871	6.555	5.511	5.441	5.600	5.707	5.480	5.679	4.382	4.279	67458	ERGIC1	NM_026170_17_+1
Nvl	4.417	4.599	5.062	5.235	4.914	5.158	4.750	4.865	3.960	4.507	67459	NVL	NM_026171_1_-1
Decr1	5.675	5.678	4.379	4.822	5.040	5.292	4.765	4.712	3.350	3.727	67460	DECR1	NM_026172_4_-1
Poc5	4.004	3.919	3.074	3.264	3.829	3.706	3.097	3.116	3.763	3.298	67463	POC5	NM_026173_13_+1
Entpd4	4.899	4.665	2.905	3.164	5.441	5.384	4.939	4.382	3.215	4.125	67464	ENTPD4	NM_026174_14_+1
Entpd4	3.028	2.955	0.195	2.039	2.525	2.876	1.759	2.374	2.330	1.394	67464	ENTPD4	NM_026174_dup1_14_+2
Sf3a1	5.044	5.240	5.345	5.492	5.586	5.489	5.387	5.424	5.249	5.307	67465	SF3A1	NM_026175_11_+1
Pdcl	5.029	5.279	4.918	5.007	4.346	4.692	4.529	4.834	4.813	5.328	67466	PDCL	NM_026176_2_-1
Gpalpp1	5.102	5.013	5.057	5.001	5.258	5.283	5.329	5.046	5.406	5.588	67467	GPALPP1	NM_026177_14_-1
Mmd	3.322	2.839	4.182	3.542	4.476	4.100	4.291	3.528	3.978	3.626	67468	MMD	NM_026178_11_+1
Abhd5	3.464	4.189	4.026	4.229	3.377	3.671	3.789	4.356	5.348	5.216	67469	ABHD5	NM_026179_9_+1
Gpatch1	3.720	3.865	3.864	3.502	3.294	3.510	3.348	3.370	3.971	3.726	67471	GPATCH1	NM_026181_7_-1
Mtfr1	4.638	4.938	4.396	4.786	3.750	4.259	3.944	4.377	5.335	5.149	67472	MTFR1	NM_026182_3_+1
Slc47a1	-4.981	-4.981	-2.800	-3.175	-1.128	-1.771	-4.538	-4.867	-4.981	-4.981	67473	SLC47A1	NM_026183_11_-1
Ero1lb	6.595	6.977	7.036	6.807	5.431	5.825	5.903	6.213	5.783	6.004	67475	ERO1B	NM_026184_13_+1
Abhd15	6.018	5.859	2.998	2.119	4.950	5.065	4.828	4.401	5.279	4.602	67477	ABHD15	NM_026185_11_+1
Cwc25	4.446	4.351	4.305	4.264	4.437	4.369	4.738	4.548	4.742	4.557	67480	CWC25	NM_026186_11_-1
Ankzf1	3.280	2.880	3.452	3.085	3.584	3.332	3.439	3.095	3.684	2.915	52231	ANKZF1	NM_026187_1_+1
Eepd1	7.041	6.754	4.148	3.109	4.361	3.265	3.965	3.478	4.438	4.761	67484	EEPD1	NM_026189_9_+1
Dhx40	5.153	4.932	5.778	4.572	4.844	4.577	6.044	5.719	6.268	6.327	67487	DHX40	NM_026191_11_-1
Calcoco1	6.119	7.492	3.732	4.272	3.163	4.181	3.254	4.804	4.529	5.309	67488	CALCOCO1	NM_026192_15_-1
Ap4b1	3.127	2.712	4.087	3.668	4.381	4.114	3.931	3.770	4.792	4.198	67489	AP4B1	NM_026193_3_+1
Ufl1	5.831	6.163	5.552	5.722	5.217	5.442	5.029	5.569	5.592	5.953	67490	UFL1	NM_026194_4_-1
Atic	4.271	4.512	4.708	4.719	3.342	3.249	3.773	3.891	2.753	2.205	108147	ATIC	NM_026195_1_+1
Mettl16	4.584	4.926	4.801	4.941	5.041	5.043	4.415	4.451	3.100	3.466	67493	METTL16	NM_026197_11_+1
Tmem167b	5.119	5.059	4.971	4.942	5.197	5.160	5.161	5.229	5.458	5.439	67495	TMEM167B	NM_026198_3_-1
Ccar1	6.355	6.504	6.611	6.634	6.794	6.657	6.524	6.534	6.231	6.479	67500	CCAR1	NM_026201_10_-1
Ccdc50	5.774	5.928	6.357	6.500	6.253	6.392	6.770	7.024	7.213	7.876	67501	NA	NM_026202_16_+1
Ahi1	4.247	4.589	2.159	1.708	2.440	2.887	1.593	2.084	1.625	1.402	52906	AHI1	NM_026203_10_+1
Saysd1	6.092	6.183	4.414	4.371	4.701	4.782	4.800	4.735	4.050	3.725	67509	SAYSD1	NM_026209_14_-1
Tvp23b	6.046	6.483	5.506	5.675	4.913	5.403	4.857	5.440	4.176	5.365	67510	TVP23B	NM_026210_11_+1
Tmed9	7.972	8.105	7.328	7.059	6.717	6.420	6.827	7.333	7.259	7.157	67511	TMED9	NM_026211_13_+1
Agpat2	5.000	5.017	2.467	2.370	1.793	2.250	3.742	4.050	5.157	4.946	67512	AGPAT2	NM_026212_2_-1
Ttc33	5.736	5.559	4.551	4.628	4.649	4.747	4.656	4.633	4.457	4.776	67515	TTC33	NM_026213_15_+1
Kctd4	-0.112	-0.426	-0.494	-3.134	-0.667	-2.583	-1.558	-1.791	-1.601	-0.748	67516	KCTD4	NM_026214_14_+1
Atg12	5.589	5.689	5.776	5.647	5.469	5.456	5.660	5.544	5.460	5.632	67526	ATG12	NM_026217_18_-1
Fgfr10p2	8.904	8.747	7.400	7.152	7.180	7.029	7.435	7.205	7.408	7.346	67529	FGFR10P2	NM_026218_6_+1
Uqcrb	8.518	8.229	8.591	7.778	7.715	7.432	8.194	7.710	6.966	6.826	67530	UQCRB	NM_026219_13_-1
Mfap1a	5.489	5.596	5.449	5.361	5.825	5.624	5.793	5.689	5.544	5.766	67532	MFAP1	NM_026220_2_-1
Ppfibp1	2.657	3.405	5.000	4.452	2.636	3.618	2.475	2.563	2.875	2.716	67533	PPFIBP1	NM_026221_6_+1
Ccdc39	-2.889	-4.981	-4.973	-4.709	-4.040	-3.972	-4.959	-4.489	-4.018	-3.319	51938	CCDC39	NM_026222_3_-1
Cog6	4.966	5.127	4.475	4.675	4.137	4.414	4.143	4.666	4.527	5.142	67542	COG6	NM_026225_3_-1
Slc39a8	-4.315	-3.508	-2.166	-2.836	-2.262	-2.258	-4.088	-4.650	-4.701	-4.320	67547	SLC39A8	NM_026228_3_+1
Gpr89	5.056	5.299	4.056	4.462	3.802	4.171	3.535	4.205	3.460	3.630	67549	GPR89A GPR89B	NM_026229_3_-1
Gstcd	0.698	1.325	1.444	1.453	1.775	1.823	1.139	0.631	0.390	-0.652	67553	GSTCD	NM_026231_3_-1
Slc25a30	-0.408	-0.607	0.694	0.090	0.460	-0.180	0.387	0.638	2.449	2.426	67554	SLC25A30	NM_026232_14_-1
Pigm	4.154	3.963	4.617	4.515	4.437	4.356	4.376	4.458	4.808	4.835	67556	PIGM	NM_026234_1_+1
Wdr48	4.799	5.032	5.483	5.401	5.510	5.443	5.357	5.409	5.961	6.069	67561	WDR48	NM_026236_9_+1
Narf1	4.898	4.793	5.262	5.309	5.376	5.354	5.388	5.486	5.742	5.425	67563	NARF1	NM_026238_17_+1
Tmem35a	-1.221	-0.114	-4.953	-3.405	-4.955	-2.846	-4.965	-0.877	-4.981	-4.981	67564	TMEM35A	NM_026239_X_+1
Gramd3	5.582	4.591	6.700	6.653	5.774	5.329	5.442	5.540	4.330	4.843	107022	GRAMD3	NM_026240_18_+1
Ankrd39	4.480	4.550	3.890	4.153	3.930	3.917	3.443	3.577	3.329	2.881	109346	ANKRD39	NM_026241_1_-1
Mrfap1	8.780	9.534	7.665	8.078	7.734	7.964	7.902	8.288	7.898	8.280	67568	MRFAP1	NM_026242_5_-1
Slc39a9	4.032	4.222	4.263	4.330	4.303	4.117	4.245	4.400	5.257	5.478	328133	SLC39A9	NM_026244_12_+1
Mrpl49	5.338	5.705	5.204	5.349	5.106	5.306	5.083	5.289	4.536	4.680	18120	MRPL49	NM_026246_19_-1
Alg13	2.931	2.826	2.708	2.228	1.970	1.881	2.548	2.378	2.359	2.403	67574	NA	NM_026247_X_+1
Gin1	3.395	3.204	3.023	3.175	3.139	2.894	2.647	2.435	2.450	2.669	252876	GIN1	NM_026250_1_+1
Patl2	-0.285	0.255	-2.729	-1.757	-2.049	-2.939	-4.965	-2.383	-4.981	-4.981	67578	PATL2	NM_026251_2_-1
Cpeb4	0.438	0.652	-0.736	-0.476	-0.311	-0.942	0.488	-0.774	-1.973	-1.629	67579	CPEB4	NM_026252_11_+1
Lrrc18	-0.365	-0.211	3.759	3.627	2.717	2.891	1.294	1.355	0.840	0.604	67580	LRRC18	NM_026253_14_+1
Tbc1d23	4.750	4.875	5.403	5.537	4.862	5.135	5.253	5.242	5.421	6.492	67581	TBC1D23	NM_026254_16_-1
Slc25a26	2.787	2.814	4.582	3.890	2.804	2.704	2.796	2.283	2.153	2.000	67582	SLC25A26	NM_026255_6_+1
Ubxn11	1.682	1.590	1.398	1.199	2.310	2.647	1.886	2.024	1.080	0.609	67586	UBXN11	NM_026257_4_+1
Rnf41	-4.957	-4.981	-3.175	-3.513	-4.692	-4.629	-4.949	-3.832	-4.874	-4.977	67588	RNF41	NM_026259_10_+1
Tctn3	2.946	3.011	2.756	2.717	2.970	2.929	2.379	2.528	2.698	3.264	67590	TCTN3	NM_026260_19_-1
4930519G04Rik	-4.981	-3.143	-2.558	-2.550	-1.755	-3.164	-2.634	-2.678	-2.967	-2.686	67593	NA	NM_026263_5_+1
Necap1	4.787	4.654	4.300	4.219	4.922	4.883	4.928	5.224	5.816	5.782	67602	NECAP1	NM_026267_6_+1
Dusp6	4.697	4.760	4.653	4.896	5.914	6.013	7.073	7.459	8.914	8.969	67603	DUSP6	NM_026268_10_+1
Get4	6.403	6.306	5.973	6.149	6.233	6.266	6.134	6.150	5.979	5.772	67604	GET4	NM_026269_5_+1
Akt1s1	2.513	2.550	2.103	2.508	1.772	2.389	1.438	2.672	3.320	3.081	67605	AKT1S1	NM_026270_7_+1
Narf	3.786	4.222	4.789	4.985	5.126	5.408	4.916	5.199	5.369	5.463	67608	NARF	NM_026272_11_+1
4930453N24Rik	5.761	5.573	4.907	4.970	5.007	4.948	4.851	5.024	5.118	4.827	67609	C3orf38	NM_026273_16_-1
Rspry1	4.489	4.508	5.440	5.216	5.155	5.192	5.066	5.072	5.277	5.470	67610	RSPRY1	NM_026274_8_+1
Ube2r2	6.714	6.757	6.056	6.181	5.904	6.169	6.278	6.615	6.531	6.548	67615	UBE2R2	NM_026275_4_+1

Aasdhppt	5.868	5.788	4.815	4.916	4.763	4.913	4.786	4.778	3.890	4.457	67618	AASDHPPT	NM_026276_9_-1
Nob1	5.544	5.505	5.081	5.069	4.968	4.882	4.694	4.983	4.442	4.225	67619	NOB1	NM_026277_8_-1
Lrp2bp	-4.981	-4.981	-4.549	-5.002	-4.862	-3.935	-4.460	-4.695	-4.190	-4.981	67620	LRP2BP	NM_026278_8_+1
Bend5	0.514	0.804	-2.875	-2.100	-1.458	1.586	-0.214	2.232	-1.729	-2.064	67621	BEND5	NM_026279_4_+1
Mxra7	-2.739	0.978	-0.965	2.753	-3.131	3.121	-1.169	3.318	-1.245	1.492	67622	NA	NM_026280_11_-1
Tm7sf3	5.811	5.781	3.511	3.840	4.407	4.669	4.831	4.846	5.707	5.259	67623	TM7SF3	NM_026281_6_-1
Spc24	2.069	0.390	4.149	3.969	4.993	3.880	4.427	3.488	2.240	0.885	67629	SPC24	NM_026282_9_-1
Samd8	4.231	4.024	3.785	3.006	3.945	3.617	3.664	3.180	3.740	3.595	67630	SAMD8	NM_026283_14_+1
Spaca1	-0.859	-4.981	-4.245	-4.871	-3.480	-3.360	-1.920	-3.878	-3.254	-2.540	67652	SPACA1	NM_026293_4_-1
Ctdp1	4.838	4.743	6.917	7.092	4.553	4.754	4.642	5.562	5.604	5.347	67655	CTDP1	NM_026295_18_-1
4930548H24Rik	-4.981	-4.981	-4.976	-3.968	-4.672	-4.417	-4.969	-4.975	-3.351	-2.574	67656	NA	NM_026296_5_+1
Ift172	3.256	2.771	3.332	2.843	2.867	2.797	3.503	3.722	4.289	3.989	67661	IFT172	NM_026298_5_-1
Rnf125	0.446	-2.437	-1.194	0.104	-2.845	-0.162	-0.274	1.471	0.752	1.656	67664	NA	NM_026301_18_+1
Dctn4	4.512	4.813	4.884	5.247	4.727	5.295	4.769	5.197	5.068	5.935	67665	DCTN4	NM_026302_18_+1
Alkbh8	2.345	3.213	2.677	2.736	2.659	2.726	2.463	2.675	2.862	2.893	67667	ALKBH8	NM_026303_9_+1
Hikesb1	6.001	6.300	4.978	5.059	4.877	5.094	4.890	5.036	4.151	4.410	67669	HIKESB1	NM_026304_7_-1
Tceb2	7.963	7.896	7.724	7.618	7.809	7.733	7.992	7.661	6.765	6.457	67673	NA	NM_026305_17_-1
Trmt112	-3.840	1.103	-1.479	-3.649	2.907	3.670	4.161	1.836	-0.473	-2.304	67674	TRMT112	NM_026306_19_+1
Cuta	6.338	6.256	5.475	5.571	4.678	4.679	5.377	5.501	4.778	4.967	67675	CUTA	NM_026307_17_-1
Rpp21	6.548	6.447	5.665	5.461	5.757	5.734	6.298	6.043	5.480	5.306	67676	RPP21	NM_026308_17_-1
Lsm3	6.340	6.358	5.545	5.780	6.223	6.147	6.339	5.923	4.837	4.676	67678	LSM3	NM_026309_6_+1
Mrpl18	7.631	7.534	7.010	7.079	6.561	6.548	6.620	6.518	5.787	5.909	67681	MRPL18	NM_026310_17_-1
Pbdc1	6.078	6.208	5.458	5.851	5.867	6.054	5.615	5.635	4.371	4.309	67683	PBDC1	NM_026312_X_+1
Luc7l3	6.130	6.060	6.318	5.974	6.443	6.348	6.386	6.028	5.281	5.326	67684	LUC7L3	NM_026313_11_-1
Dyx1c1	-0.152	-2.583	-4.956	-4.371	-3.710	-4.094	-2.739	-4.971	-4.981	-3.233	67685	DYX1C1	NM_026314_9_+1
Aldh3b1	6.886	6.564	5.563	6.143	2.228	2.193	5.184	5.424	7.617	7.038	67689	ALDH3B1	NM_026316_19_-1
Hypk	7.305	7.447	6.411	6.739	6.460	6.772	6.743	6.635	5.099	5.227	67693	HYPK	NM_026318_2_+1
Ift74	3.371	3.993	1.554	2.330	2.102	2.835	1.617	2.451	1.163	2.050	67694	IFT74	NM_026319_4_+1
Fam174a	9.016	8.999	7.104	6.991	6.679	6.722	7.218	7.129	6.893	7.588	67698	FAM174A	NM_026321_1_+1
Msra	-4.981	-4.981	-4.981	-4.981	-4.931	-4.307	-4.946	-4.922	-4.981	-4.981	110265	MSRA	NM_026322_14_-1
Kirrel3	-4.981	-4.981	-4.904	-4.902	-3.755	-3.490	-3.009	-3.011	-3.208	-2.623	67703	KIRREL3	NM_026324_9_+1
Tmem179b	7.020	7.154	6.526	6.509	6.397	6.694	6.763	6.866	6.668	6.406	67706	TMEM179B	NM_026325_19_-1
Pcnx4	5.296	4.441	3.033	3.340	3.837	3.795	3.438	3.270	2.682	3.111	67708	PCNX4	NM_026327_12_+1
Poir2g	7.406	7.202	7.725	7.785	7.169	7.391	6.898	6.844	5.920	5.574	67710	POLR2G	NM_026329_19_-1
Nsmce1	7.118	7.223	5.690	5.832	5.746	5.690	5.432	5.424	4.507	4.372	67711	NSMCE1	NM_026330_7_-1
Slc25a37	3.016	3.853	2.664	4.377	4.935	5.776	4.665	5.156	3.994	4.650	67712	SLC25A37	NM_026331_14_-1
Dnajc19	6.962	6.658	5.693	5.857	6.144	6.303	6.320	5.982	5.362	5.152	67713	DNAJC19	NM_026332_3_-1
Sltm	3.702	3.839	3.633	3.649	3.634	3.648	3.738	3.301	3.342	3.307	66660	SLTM	NM_026337_9_+1
Pop1	1.587	1.818	3.005	2.297	2.304	1.868	1.896	1.617	1.916	0.917	67724	POP1	NM_026340_15_+1
Nudt13	3.374	3.748	2.740	2.506	3.219	3.310	3.642	3.265	3.748	3.463	67725	NUDT13	NM_026341_14_+1
Fam114a2	5.109	4.955	4.726	4.927	4.906	4.972	4.893	5.079	4.865	4.707	67726	FAM114A2	NM_026342_11_-1
Stx17	4.274	4.509	6.617	6.332	5.703	5.665	5.425	5.383	5.798	5.582	67727	STX17	NM_026343_4_+1
Dph2	3.245	3.083	3.041	2.810	3.292	2.952	3.099	3.098	2.803	2.597	67728	DPH2	NM_026344_4_-1
Mansc1	1.568	2.071	1.698	0.822	0.429	0.904	0.718	0.758	1.513	2.162	67729	MANSC1	NM_026345_6_-1
Fbxo32	3.916	3.801	3.520	3.447	3.609	3.915	3.985	4.367	4.133	3.984	67731	FBXO32	NM_026346_15_-1
Iah1	6.192	5.610	6.152	5.636	5.956	5.797	6.077	5.640	5.046	4.996	67732	IAH1	NM_026347_12_+1
Irgb3bp	4.252	5.031	1.503	2.965	2.621	3.467	1.976	3.329	0.617	2.199	67733	ITGB3BP	NM_026348_4_-1
Ccdc130	4.836	4.688	3.899	3.899	4.026	4.136	3.969	3.921	3.779	3.543	67736	CCDC130	NM_026350_8_-1
Ppid	6.125	6.404	5.393	5.428	6.063	5.990	5.812	5.618	4.685	4.659	67738	PPID	NM_026352_3_+1
Slc48a1	6.522	6.298	6.000	6.180	5.986	6.107	6.374	6.638	6.939	6.671	67739	SLC48A1	NM_026353_15_+1
Mgarp	-4.981	-4.981	-3.331	-4.927	-4.256	-3.486	-4.051	-3.097	-4.981	-4.981	67749	MGARP	NM_026358_3_-1
Ddx47	6.756	6.742	6.320	6.336	6.516	6.431	6.385	6.476	6.411	6.318	67755	DDX47	NM_026360_6_+1
Pkp4	-4.290	-3.210	-2.801	-0.660	0.032	-0.386	-2.759	-0.408	-0.388	-0.250	227937	PKP4	NM_026361_2_+1
Plgrkt	6.572	6.399	5.677	5.857	5.860	5.773	6.027	6.067	4.846	5.095	67759	PLGRKT	NM_026362_19_-1
Prpsap1	6.149	6.375	6.276	6.377	5.972	6.072	5.899	6.140	5.786	5.910	67763	PRPSAP1	NM_026364_11_-1
Jagn1	6.504	5.695	5.174	5.029	5.011	5.011	4.961	4.857	4.579	4.219	67767	JAGN1	NM_026365_6_+1
N6amt1	4.541	4.278	3.896	3.709	3.525	3.513	3.861	3.500	3.440	2.572	67768	N6AMT1	NM_026366_16_+1
Gpatch2	3.929	4.270	4.322	4.210	4.064	4.292	4.172	3.972	3.291	3.656	67769	GPATCH2	NM_026367_1_+1
Caap1	4.647	4.687	4.465	4.475	4.368	4.535	4.484	4.367	4.031	4.459	67770	CAAP1	NM_026368_4_-1
Arpc5	9.519	9.657	10.183	10.231	10.001	10.056	9.874	10.079	10.339	10.370	67771	ARPC5	NM_026369_1_+1
Kat8	5.247	5.649	4.217	4.406	4.532	4.609	4.478	4.660	4.405	4.473	67773	KAT8	NM_026370_7_+1
Borc5	5.184	4.666	3.991	4.021	4.501	4.181	4.356	4.238	4.745	4.074	67774	BORCS5	NM_026371_6_+1
Cdk2ap2	8.528	8.383	8.386	8.403	7.716	7.901	9.023	9.357	9.407	9.153	52004	CDK2AP2	NM_026373_19_+1
Ilf2	5.540	5.670	5.344	5.649	5.913	5.867	5.576	5.555	4.520	4.565	67781	ILF2	NM_026374_3_+1
Ahctf1	4.186	4.440	4.770	4.544	4.860	4.787	4.296	4.296	3.845	3.993	226747	AHCTF1	NM_026375_1_-1
Plxnd1	0.940	-0.442	1.929	1.113	4.958	4.238	4.578	4.656	5.685	6.701	67784	PLXND1	NM_026376_6_-1
Sfr1	7.208	7.412	6.714	6.920	6.802	7.200	6.817	7.083	6.581	6.770	67788	SFR1	NM_026377_19_+1
Dalrd3	5.248	5.369	4.771	4.769	5.353	5.734	4.903	4.951	4.273	4.507	67789	DALRD3	NM_026378_9_+1
Shisa5	8.341	7.643	4.828	5.030	7.586	7.357	7.134	7.108	4.535	4.163	66940	SHISA5	NM_026381_9_+1
Snrnp48	5.000	5.096	4.543	4.308	4.683	4.745	4.359	4.349	3.345	3.571	67797	SNRNP48	NM_026382_13_+1
Pnrc2	7.396	7.386	7.287	7.217	7.672	7.740	7.432	7.434	7.505	7.939	52830	PNRC2	NM_026383_4_-1
Dgat2	-3.090	-0.922	2.196	1.867	2.287	1.510	3.117	2.961	4.968	3.193	67800	DGAT2	NM_026384_7_-1
Plip	-3.843	-4.981	-4.987	-4.403	-4.833	-4.683	-4.705	-4.982	-4.981	-4.981	67801	PLIP	NM_026385_8_-1
Snx2	6.978	6.848	7.470	7.398	6.381	6.394	6.921	7.461	7.701	7.924	67804	SNX2	NM_026386_18_+1

Tprgl	7.698	7.788	7.266	7.169	7.262	7.322	7.455	7.687	7.816	7.850	67808	TPRG1L	NM_026388_4_-1
Poldip2	5.334	5.483	5.162	5.309	4.873	4.859	4.859	4.989	4.638	4.544	67811	POLDIP2	NM_026389_11_+1
Ubxn4	7.945	7.991	6.826	6.942	6.664	6.784	6.734	6.785	6.284	6.355	67812	UBXN4	NM_026390_1_+1
Ppp2r2d	4.982	5.208	4.954	4.922	4.868	4.754	4.874	4.825	4.785	4.661	52432	PPP2R2D	NM_026391_7_+1
Tmem70	2.464	3.224	3.163	3.232	2.082	1.804	1.395	1.794	1.621	1.945	70397	TMEM70	NM_026392_1_+1
Nmral1	-4.957	0.472	-2.256	-2.401	-1.309	-2.038	-2.553	-4.523	-4.835	-2.749	67824	NMRAL1	NM_026393_16_-1
Rer1	7.941	7.875	7.619	7.395	7.282	7.061	7.335	7.056	7.085	6.864	67830	RER1	NM_026395_4_-1
Brix1	6.382	6.347	5.848	5.969	5.788	5.757	5.852	5.724	4.931	4.968	67832	BRX1	NM_026396_15_-1
Pop5	5.998	5.998	4.954	5.150	5.297	5.264	5.278	5.178	3.951	4.009	117109	POP5	NM_026398_5_+1
Wdr83	4.728	5.081	3.980	4.549	4.492	4.564	3.900	4.179	3.358	3.276	67836	WDR83	NM_026399_8_-1
Dnajb11	-1.593	-4.981	-3.191	-4.376	-3.447	-4.983	-4.981	-4.692	-4.981	-4.981	67838	DNAJB11	NM_026400_16_+1
Mrpl57	6.722	6.705	6.262	6.148	5.958	6.076	6.319	6.262	5.632	5.316	67840	MRPL57	NM_026401_14_+1
Atg3	8.116	8.285	8.069	8.107	7.507	7.607	7.350	7.423	7.004	7.216	67841	ATG3	NM_026402_16_+1
Nop9	4.840	4.639	5.336	5.454	5.234	5.114	5.426	5.399	5.974	5.472	67842	NOP9	NM_026403_14_+1
Slc35a4	5.896	5.914	6.022	6.217	6.067	5.912	5.767	6.047	6.046	5.695	67843	SLC35A4	NM_026404_18_+1
Rab32	4.131	3.586	8.954	8.932	6.416	5.997	7.429	7.694	7.735	8.284	67844	RAB32	NM_026405_10_-1
Rnf115	6.968	7.150	7.018	7.406	6.539	6.547	6.675	6.726	7.259	7.485	67845	RNF115	NM_026406_3_+1
Tmem39a	5.348	5.123	6.341	6.191	4.701	4.409	4.602	4.530	4.414	4.465	67846	TMEM39A	NM_026407_16_+1
Sncaip	-4.981	-4.981	-4.981	-4.981	-4.710	-4.966	-3.869	-4.803	-4.981	-4.981	67847	SNCAIP	NM_026408_18_+1
Ddx55	4.129	4.156	3.524	3.508	3.867	3.948	3.774	3.400	3.387	2.965	67848	DDX55	NM_026409_5_+1
Dcca5	0.410	1.155	2.908	3.312	3.739	3.119	2.899	2.530	1.646	1.021	67849	DCCA5	NM_026410_19_+1
1700021F05Rik	4.589	4.800	3.553	3.523	3.183	3.418	3.752	3.935	3.621	3.537	67851	C6orf203	NM_026411_10_-1
Knstrn	3.505	3.369	4.280	4.102	4.185	3.632	3.725	3.019	1.825	2.016	51944	KNSTRN	NM_026412_2_+1
Asprv1	0.080	-4.981	5.177	4.351	4.936	5.445	2.664	2.875	-2.936	-3.480	67855	ASPRV1	NM_026414_6_+1
S100a16	-1.172	-4.981	-3.379	-3.488	-4.960	-3.805	-2.121	-2.760	-1.827	-3.480	67860	S100A16	NM_026416_3_+1
Yipf4	6.835	6.766	6.448	6.405	6.561	6.432	6.469	6.233	6.002	6.276	67864	YIPF4	NM_026417_17_+1
Rgs10	7.520	7.265	7.252	7.352	5.384	4.494	6.614	6.345	5.499	5.627	67865	RGS10	NM_026418_7_-1
Paip2	8.236	8.356	7.325	7.193	7.642	7.598	7.651	7.627	7.263	7.427	67869	PAIP2	NM_026420_18_+1
Enoph1	4.385	4.485	5.299	5.432	5.069	5.138	5.243	5.227	4.860	5.116	67870	ENOPH1	NM_026421_5_+1
Mrrf	3.967	4.213	3.810	4.219	3.401	3.780	3.481	3.549	2.659	3.088	67871	MRRF	NM_026422_2_+1
Mri1	6.478	5.651	5.718	4.723	5.542	4.752	5.380	4.582	4.576	3.311	67873	MRI1	NM_026423_8_-1
Coq10b	1.122	0.936	-0.187	-0.835	1.480	1.200	0.673	-0.212	-0.742	-0.691	67876	COQ10B	NM_026424_1_+1
Naa20	3.633	3.818	2.575	2.531	2.828	2.650	2.698	2.599	2.388	2.223	67877	NAA20	NM_026425_2_+1
Dcxr	5.964	5.880	5.418	5.442	5.663	5.968	5.515	5.237	5.084	4.758	67880	DCXR	NM_026428_11_-1
Uxs1	3.108	3.256	3.962	3.350	3.533	3.237	3.166	3.115	4.405	3.215	67883	UXS1	NM_026430_1_-1
1810043G02Rik	4.665	4.215	5.747	5.462	4.287	4.466	4.437	4.568	4.499	4.196	67884	C21orf2	NM_026431_10_+1
Saraf	8.220	8.216	6.736	6.882	7.154	7.082	6.906	6.848	6.581	6.557	67887	SARAF	NM_026432_8_+1
Rbm18	5.117	5.325	5.053	5.189	4.682	4.842	4.786	5.042	5.150	5.462	67889	RBM18	NM_026434_2_-1
Ufm1	6.936	6.905	6.658	6.568	6.375	6.489	6.166	6.162	5.630	5.798	67890	UFM1	NM_026435_3_-1
Tmem86a	6.597	6.390	3.917	4.385	4.346	4.762	5.213	5.521	5.715	5.810	67893	TMEM86A	NM_026436_7_+1
Fam45a	5.200	5.429	5.108	5.435	4.783	5.403	4.991	5.348	5.422	5.719	67894	FAM45A	NM_026437_19_+1
Ppa1	5.009	5.102	5.935	6.313	4.698	4.625	4.373	4.935	2.794	2.616	67895	PPA1	NM_026438_10_+1
Ccdc80	-4.981	-4.981	-2.505	-2.305	-2.766	-2.201	-3.519	-2.751	-1.090	-2.088	67896	CCDC80	NM_026439_16_+1
Rnmt	5.110	5.362	5.638	5.261	5.344	5.289	5.375	5.105	5.408	5.117	67897	RNMT	NM_026440_18_+1
Pef1	5.542	5.703	5.228	5.430	5.062	5.192	5.112	5.341	5.524	5.515	67898	PEF1	NM_026441_4_+1
Cmc1	5.688	5.354	5.597	5.325	4.757	4.748	5.081	4.689	4.331	4.011	67899	CMC1	NM_026442_9_-1
Mtfp1	-1.067	-0.334	-1.365	0.425	-0.827	0.680	-1.353	0.820	-0.258	-0.202	67900	MTFP1	NM_026443_11_-1
Cs	6.621	6.692	7.897	8.024	7.656	7.583	7.383	7.370	7.525	7.546	12974	CS	NM_026444_10_+1
Sumf2	3.864	4.342	2.776	3.525	3.088	3.580	3.052	3.546	3.354	3.531	67902	SUMF2	NM_026445_5_+1
Rgs19	5.798	5.744	5.315	5.941	5.638	5.986	5.781	6.060	6.037	6.279	56470	RGS19	NM_026446_2_-1
Ppm1m	7.035	7.504	7.838	8.058	6.565	7.060	5.955	6.611	5.739	5.748	67905	PPM1M	NM_026447_9_-1
Klhl7	4.437	4.601	3.818	4.192	4.006	3.949	3.981	3.794	3.767	4.128	52323	KLHL7	NM_026448_5_+1
Zfp169	-0.068	0.690	1.992	0.951	1.229	-0.320	-0.420	0.649	2.315	1.347	67911	ZNF169	NM_026450_13_-1
1600012H06Rik	3.756	3.706	4.345	4.031	3.019	2.720	3.394	3.745	4.487	5.236	67912	C6orf120	NM_026451_17_+1
Coq9	6.148	5.911	5.110	5.146	5.060	4.912	4.970	5.064	5.020	4.970	67914	COQ9	NM_026452_8_+1
Mak16	6.142	5.762	6.139	5.899	6.024	5.786	5.798	5.465	5.147	4.755	67920	MAK16	NM_026453_8_-1
Ube2f	6.797	6.953	7.752	7.707	7.432	7.396	7.496	7.430	6.641	6.932	67921	UBE2F	NM_026454_1_+1
Fam32a	7.325	7.279	7.301	7.421	7.950	7.991	8.121	7.804	8.140	7.869	67922	FAM32A	NM_026455_8_+1
Tceb1	6.400	6.414	6.761	6.818	6.181	6.052	6.293	6.019	4.984	5.080	67923	TCEB1	NM_026456_1_-1
Wdr55	4.468	4.479	4.723	4.921	4.146	4.086	4.077	4.303	3.803	3.648	67936	WDR55	NM_026464_18_+1
Prorsd1	5.673	5.510	4.748	5.389	4.803	5.422	4.482	4.764	3.802	3.351	67939	NA	NM_026465_11_-1
Rps27l	7.946	7.604	7.852	7.899	7.065	7.240	7.657	7.568	6.615	6.531	67941	RPS27L	NM_026467_9_+1
Atp5g2	8.078	8.081	7.915	7.807	7.824	7.766	7.744	7.674	6.452	6.389	67942	ATP5G2	NM_026468_15_-1
Spata6	3.845	3.687	4.909	4.913	4.370	4.630	4.375	4.850	5.791	5.930	67946	SPATA6	NM_026470_4_+1
Nifk	5.883	5.862	5.842	6.238	5.386	5.633	5.388	5.737	5.393	5.369	67949	NIFK	NM_026472_1_+1
Tubb6	0.856	-0.742	7.138	7.234	4.831	4.031	6.633	6.652	7.360	7.011	67951	TUBB6	NM_026473_18_+1
Subg1	6.360	6.358	5.844	5.729	5.746	5.607	5.710	5.560	5.259	5.307	67955	SUBG1	NM_026474_14_+1
U2surp	1.982	2.434	2.873	2.543	2.229	2.051	3.149	2.850	2.862	3.329	67958	U2SURP	NM_026476_9_-1
Zcchc10	5.041	5.021	3.968	3.978	3.799	3.888	4.084	3.916	3.347	3.303	67966	NA	NM_026479_11_+1
Ooep	-4.981	-4.981	-4.317	-4.350	-4.603	-4.835	-3.861	-4.932	-4.394	-4.981	67968	OOEP	NM_026480_9_-1
Tppp3	2.338	2.857	0.541	1.510	0.294	1.325	6.319	7.072	8.024	8.559	67971	TPPP3	NM_026481_8_-1
Atp2b1	4.281	4.131	6.606	6.488	5.734	5.559	6.927	7.523	8.646	8.968	67972	ATP2B1	NM_026482_10_+1
Mphosph10	5.439	5.437	4.908	4.889	5.068	5.113	4.925	5.008	4.724	4.589	67973	MPHOSPH10	NM_026483_7_-1
Ccny	4.940	4.880	4.556	4.676	4.340	4.557	4.506	4.661	4.489	4.857	67974	CCNY	NM_026484_18_-1

Trabd	6.277	6.588	5.943	6.469	5.189	4.756	5.354	5.961	6.033	6.428	67976	TRABD	NM_026485_15_+1
Tctn2	-0.756	-0.281	2.545	3.406	-1.282	-1.879	-1.373	-0.777	-2.288	-2.935	67978	TCTN2	NM_026486_5_+1
Atad1	6.031	6.092	5.774	5.731	5.538	5.610	5.587	5.605	5.598	5.902	67979	ATAD1	NM_026487_19_-1
Mrpl19	5.617	5.556	5.002	5.075	5.086	4.987	4.870	5.011	4.464	4.832	56284	MRPL19	NM_026490_6_-1
Cspp1	4.303	4.383	4.373	4.196	4.408	4.463	4.073	3.799	2.930	3.615	211660	CSPP1	NM_026493_1_+1
Ppcc	5.028	5.019	4.728	4.950	4.323	4.410	4.048	4.143	2.704	2.801	106564	PPCC	NM_026494_4_-1
Nacc2	4.807	4.409	3.527	3.461	0.979	1.336	2.679	3.602	3.704	3.876	67991	NACC2	NM_026495_2_-1
Grhl2	-1.751	-2.137	-4.981	-4.981	-4.850	-3.271	-4.965	-2.338	-4.981	-4.981	252973	GRHL2	NM_026496_15_+1
Nudt12	-0.647	0.825	-0.617	1.130	-0.806	-1.111	-1.367	-1.446	-2.134	-0.092	67993	NUDT12	NM_026497_17_-1
Mrps11	5.588	5.563	4.443	4.536	4.686	4.787	4.746	4.647	4.180	3.937	67994	MRPS11	NM_026498_7_+1
Srsf6	8.322	8.217	7.624	7.838	7.840	8.071	7.478	7.505	6.970	7.143	67996	SRSF6	NM_026499_2_+1
Ddx59	3.796	3.693	3.247	3.086	3.682	3.375	3.453	3.260	3.710	2.979	67997	DDX59	NM_026500_1_+1
Fam134c	3.650	3.582	3.576	3.898	3.814	3.783	3.453	4.130	4.975	5.386	67998	FAM134C	NM_026501_11_-1
111004E09Rik	4.507	4.182	3.724	4.148	3.211	3.607	2.980	3.311	2.590	2.498	68001	C21orf59	NM_026502_16_-1
Sdhaf4	5.928	6.043	5.639	5.687	5.283	5.629	5.215	5.145	3.298	4.207	68002	SDHAF4	NM_026503_1_-1
Coq5	4.758	5.272	4.461	4.854	4.601	5.052	4.487	4.908	4.385	4.483	52064	COQ5	NM_026504_5_+1
Bambi	4.737	4.840	3.146	2.384	3.742	3.626	4.323	4.322	4.363	4.468	68010	BAMBI	NM_026505_18_+1
Snrpg	7.464	7.449	7.507	7.406	7.799	7.666	7.951	7.600	6.381	6.154	68011	NA	NM_026506_6_+1
Zwilch	-0.992	-0.257	1.739	1.278	2.288	1.540	1.910	0.938	-0.525	-0.366	68014	ZWILCH	NM_026507_9_-1
Trap1	5.761	5.873	6.708	6.964	5.606	6.000	5.467	6.084	5.114	5.330	68015	TRAP1	NM_026508_16_-1
Murc	-4.981	-4.981	-1.977	-2.021	-3.431	-3.402	-4.958	-2.901	-4.981	-4.981	68016	MURC	NM_026509_4_+1
Mrm2	3.394	2.011	2.010	2.535	2.213	2.469	2.706	2.490	2.503	2.439	68017	MRM2	NM_026510_5_-1
Apopt1	6.268	6.073	5.532	5.416	5.437	5.095	5.428	5.303	5.351	4.970	68020	APOPT1	NM_026511_12_+1
Bphl	5.639	5.792	4.603	4.901	4.165	4.537	4.104	4.412	3.973	4.266	68021	BPHL	NM_026512_13_+1
Pdf	4.741	4.783	4.393	4.576	4.140	4.235	4.320	4.519	4.519	4.456	68023	PDF	NM_026513_8_-1
Cdc42ep3	4.253	4.458	5.303	5.331	7.156	6.174	6.955	6.409	7.467	7.513	260409	CDC42EP3	NM_026514_17_-1
2810417H13Rik	1.260	1.091	5.575	5.833	6.344	5.620	5.546	4.900	3.421	2.246	68026	KIAA0101	NM_026515_9_+1
Tmem178	-2.739	-4.981	-4.939	-3.712	-4.900	-4.792	-4.706	-3.046	-4.981	-4.981	68027	TMEM178A	NM_026516_17_+1
Rpl22l1	7.024	7.216	6.257	6.568	6.217	6.892	6.416	6.595	4.900	5.288	68028	NA	NM_026517_3_+1
Rnf146	2.428	2.145	1.275	1.723	2.306	1.601	2.037	0.719	2.148	2.157	68031	RNF146	NM_026518_10_-1
Emc4	7.210	7.318	6.084	6.057	5.940	6.130	5.828	5.783	4.738	4.728	68032	EMC4	NM_026519_2_-1
Fam122a	7.167	6.920	5.337	5.507	5.429	5.755	4.943	5.152	4.256	4.152	68034	FAM122A	NM_026520_19_-1
Zfp706	8.780	9.049	8.326	8.416	7.836	7.916	8.318	8.517	8.264	8.447	68036	ZNF706	NM_026521_15_-1
Chid1	-4.981	-2.520	-1.777	-2.887	-2.403	-4.914	-1.970	-2.345	0.522	-0.263	68038	CHID1	NM_026522_7_-1
Nmb	2.805	2.873	-0.005	-0.153	1.327	1.632	1.048	0.777	0.763	1.006	68039	NMB	NM_026523_7_-1
Mid1ip1	4.213	4.287	4.442	3.867	3.557	2.842	4.099	4.353	5.845	5.776	68041	MID1IP1	NM_026524_X_+1
Eef1akmt1	6.486	6.403	5.227	5.452	6.068	6.203	5.700	5.477	4.757	4.842	68043	EEF1AKMT1	NM_026525_14_-1
Chac2	1.489	3.732	1.438	3.573	2.183	3.636	2.359	3.246	1.454	2.632	68044	CHAC2	NM_026527_11_-1
2700060E02Rik	7.964	7.688	8.042	7.903	7.240	7.061	7.202	6.999	6.449	6.318	68045	C14orf166	NM_026528_14_-1
2700062C07Rik	5.217	5.299	4.395	4.613	4.387	4.421	4.120	4.116	3.487	3.365	68046	C18orf21	NM_026529_18_+1
Mpnd	8.210	8.153	6.884	6.895	6.971	6.763	6.750	6.685	6.582	6.423	68047	MPND	NM_026530_17_+1
Aen	3.049	1.813	2.691	2.916	2.950	2.760	2.435	2.008	3.110	1.594	68048	AEN	NM_026531_7_+1
Nutf2	3.006	3.738	3.456	3.603	3.048	2.654	2.981	2.989	2.703	2.990	68051	NUTF2	NM_026532_8_+1
Rps13	9.254	9.061	9.300	9.108	9.232	9.003	9.457	9.125	8.119	7.661	68052	RPS13	NM_026533_7_-1
Ubxn2b	3.852	4.355	4.141	3.646	3.705	3.223	3.348	3.384	3.349	3.250	68053	UBXN2B	NM_026534_4_+1
Serpina12	-3.090	-4.981	-4.064	-1.616	1.891	0.838	-0.318	-1.390	-4.981	-4.981	68054	SERPINA12	NM_026535_12_-1
Atp5s	4.562	4.492	3.517	3.298	3.171	3.209	2.709	2.599	1.233	1.259	68055	ATP5S	NM_026536_12_+1
Ddx56	5.692	5.453	5.142	5.472	5.337	5.378	5.168	5.399	4.629	4.686	52513	DDX56	NM_026538_11_-1
Chd1l	3.864	3.387	4.007	3.889	4.112	3.998	3.908	3.946	4.214	3.860	68058	CHD1L	NM_026539_3_-1
Slc25a39	6.962	6.932	7.165	7.466	6.536	6.857	6.786	6.890	6.788	6.661	68066	SLC25A39	NM_026542_11_-1
3010026009Rik	3.569	3.629	1.947	2.033	2.714	2.569	2.395	2.055	1.008	0.723	68067	C5orf45	NM_026543_11_+1
Psmdd8	8.136	7.908	7.819	7.927	8.190	7.945	7.965	7.989	8.130	7.782	57296	PSMDD8	NM_026545_7_-1
Fam173b	5.471	5.534	3.304	3.542	3.682	3.934	3.521	3.299	2.010	2.293	68073	FAM173B	NM_026546_15_+1
Lurap1	-2.178	-4.981	-0.479	-0.965	0.758	1.360	-3.365	-1.480	-2.398	-4.316	68075	LURAP1	NM_026547_4_-1
Pdcd2l	6.835	6.901	5.577	5.527	5.422	5.415	5.319	5.390	5.360	5.029	68079	PDCD2L	NM_026549_7_-1
Pak1ip1	6.489	6.345	5.994	5.987	6.365	6.276	6.225	6.210	6.273	6.059	68083	PAK1IP1	NM_026550_13_+1
Dcakd	3.284	3.088	3.207	3.135	3.218	3.095	3.690	3.742	4.304	3.885	68087	DCAKD	NM_026551_11_-1
Arpc4	8.908	8.885	9.090	9.388	9.245	9.216	9.093	9.115	9.147	8.939	68089	ARPC4	NM_026552_6_+1
Yif1a	7.224	7.361	5.741	5.992	5.571	5.658	5.513	5.824	4.894	4.904	68090	YIF1A	NM_026553_19_+1
Ncbp2	5.795	5.883	5.699	5.871	5.227	5.303	5.063	5.395	4.599	5.002	68092	NCBP2	NM_026554_16_+1
Rcn3	4.742	3.136	3.610	3.520	4.466	4.347	3.687	3.024	1.721	1.377	52377	RCN3	NM_026555_7_-1
Dynll2	4.484	4.562	5.389	5.606	4.083	4.013	3.872	4.100	1.967	2.536	68097	DYNLL2	NM_026556_11_-1
Rchy1	6.517	6.790	5.969	5.866	5.517	5.417	5.459	5.743	5.409	5.695	68098	RCHY1	NM_026557_5_-1
Fam92a	5.280	5.581	3.845	4.047	3.853	4.300	2.606	2.922	1.171	2.018	68099	FAM92A1	NM_026558_4_-1
Txndc17	7.217	7.231	7.810	8.009	6.227	6.361	6.673	6.742	6.153	6.121	52700	TXNDC17	NM_026559_11_+1
Cdca8	0.253	1.099	4.485	4.723	5.295	4.847	4.562	4.013	3.026	2.093	52276	CDCA8	NM_026560_4_-1
Nt5c3b	-3.206	-2.346	-1.981	-2.025	-4.469	-2.948	-4.945	-4.963	-3.207	-4.981	68106	NT5C3B	NM_026561_11_-1
Cntd1	1.410	1.024	1.317	0.890	1.565	0.566	1.265	0.273	1.193	0.815	68107	CNTD1	NM_026562_11_+1
Sdccag3	2.957	3.444	2.635	2.605	2.597	2.535	2.048	2.868	3.408	3.353	68112	SDCCAG3	NM_026563_2_-1
Apool	5.418	5.481	4.599	4.782	4.504	4.572	4.212	4.258	3.050	3.279	68117	APOOL	NM_026565_X_+1
Atg101	5.893	5.891	5.225	5.279	5.559	5.494	5.700	5.519	6.366	5.955	68118	ATG101	NM_026566_15_+1
Yeats4	6.543	6.737	5.289	5.317	5.973	5.976	5.852	5.572	5.353	5.068	64050	YEATS4	NM_026570_10_-1
Gcsh	5.195	4.897	4.297	4.878	3.935	4.047	4.143	4.469	3.832	3.827	68133	GCSH	NM_026572_8_-1
Upf3b	5.978	5.858	4.870	4.823	4.908	5.070	4.780	4.587	3.324	3.370	68134	UPF3B	NM_026573_X_-1

Ino80	3.362	3.521	3.426	3.229	3.486	3.256	3.607	3.006	3.720	3.548	68142	INO80	NM_026574_2_-1
Etaa1	2.867	2.394	3.497	3.031	3.749	3.423	3.678	3.575	3.437	3.293	68145	ETAA1	NM_026576_11_-1
Arl13b	4.489	4.439	2.832	2.769	3.582	3.864	3.580	3.450	4.247	4.025	68146	ARL13B	NM_026577_16_-1
Gar1	4.291	4.250	4.600	4.594	4.294	4.352	3.900	4.268	2.511	2.415	68147	NA	NM_026578_3_-1
D10Wsu102e	3.693	3.404	4.171	4.034	4.441	4.429	3.917	3.933	4.228	3.735	28109	C12orf45	NM_026579_10_+1
Otub2	0.915	1.095	1.195	1.541	0.775	1.338	1.935	1.966	1.156	1.606	68149	OTUB2	NM_026580_12_+1
Wls	1.706	3.333	2.162	1.849	2.571	2.907	4.721	5.233	5.673	6.314	68151	WLS	NM_026582_3_+1
Gtf2e2	4.413	4.997	5.928	5.920	4.268	4.604	4.528	4.304	4.257	4.269	68153	GTF2E2	NM_026584_8_+1
Fam21	5.125	5.101	5.627	5.817	6.633	6.701	6.551	6.464	6.823	7.203	28006	FAM21A FAM21C	NM_026585_6_+1
Stx19	-0.163	0.015	-2.244	-2.640	-0.649	-1.833	-1.639	-2.016	-1.194	-2.087	68159	STX19	NM_026588_16_+1
Mrpl24	6.310	6.243	6.006	6.060	5.979	5.983	6.029	5.727	4.997	5.007	67707	MRPL24	NM_026591_3_+1
B230118H07Rik	6.023	5.922	3.733	4.153	4.304	4.562	3.968	3.784	1.524	2.383	68170	C11orf74	NM_026592_2_-1
Rpl39l	-2.948	-1.696	-3.672	-2.963	-0.348	-1.329	-3.126	-1.584	-3.461	-3.853	68172	NA	NM_026594_16_+1
Fam212a	4.759	4.594	1.112	1.727	0.846	1.760	1.975	2.734	0.954	1.168	68176	FAM212A	NM_026597_9_-1
Ebpl	6.898	6.914	4.186	4.663	4.744	5.061	4.530	4.619	3.005	3.071	68177	EBPL	NM_026598_14_-1
Cgnl1	1.380	-1.900	-0.326	-2.832	-4.945	-3.799	-3.374	-1.108	1.604	2.616	68178	CGNL1	NM_026599_9_-1
Hyi	-1.439	4.543	-3.434	4.311	-2.299	3.720	-2.829	3.859	-4.981	3.062	68180	NA	NM_026601_4_+1
Bcas2	7.609	7.586	6.549	6.692	6.682	6.780	6.568	6.503	5.726	5.854	68183	BCAS2	NM_026602_3_+1
Denr	6.975	6.949	6.857	7.129	6.016	5.898	6.074	6.177	5.016	4.831	68184	DENR	NM_026603_5_+1
Fam135a	0.611	1.435	1.983	3.211	3.244	4.512	2.097	2.949	1.663	3.136	68187	FAM135A	NM_026604_1_-1
Sympk	3.115	2.930	3.930	4.143	4.151	4.273	3.952	3.910	4.588	4.352	68188	SYMPK	NM_026605_7_+1
Leprot1	6.924	7.748	6.428	7.379	5.716	6.780	6.265	6.716	5.930	6.350	68192	LEPROTL1	NM_026609_8_-1
Ndufb4	7.222	7.048	6.409	6.391	6.690	6.785	7.069	6.701	6.099	5.839	68194	NDUFB4	NM_026610_16_-1
Rnaset2b	9.660	7.297	8.603	6.039	7.019	4.969	7.310	5.128	7.303	4.312	68195	RNASET2	NM_026611_17_+1
Rnaset2b	8.121	8.943	6.349	7.899	4.993	6.852	5.611	6.709	5.522	6.582	68195	RNASET2	NM_026611_dup17_-1
Ndufb2	6.470	6.103	6.342	6.296	5.760	6.011	6.111	6.052	5.386	5.242	68198	NDUFB2	NM_026612_6_+1
Ccdc34	3.341	3.195	2.840	3.078	3.589	3.526	3.520	3.020	1.668	1.830	68201	CCDC34	NM_026613_2_+1
Ndufa5	6.933	6.691	5.758	5.812	5.770	5.904	6.214	5.992	4.552	4.526	68202	NDUFA5	NM_026614_6_-1
Urm1	3.406	3.214	3.716	3.670	3.283	3.082	3.207	3.189	3.591	3.198	68205	URM1	NM_026615_2_+1
Rnaseh2c	4.740	3.968	3.929	3.636	4.852	4.412	5.638	4.549	5.065	4.094	68209	RNASEH2C	NM_026616_19_+1
Tmbim4	8.340	8.487	6.766	6.978	6.179	6.262	6.804	6.929	6.489	6.358	68212	TMBIM4	NM_026617_10_+1
Coa3	7.172	7.033	6.438	6.335	6.469	6.517	6.710	6.419	5.610	5.620	52469	COA3	NM_026618_11_-1
Gsto2	-0.525	0.272	-4.811	-4.962	-3.198	-2.402	-4.775	-4.186	-4.854	-2.023	68214	GSTO2	NM_026619_19_+1
Fam98b	3.791	3.359	3.190	2.982	3.552	3.340	3.656	2.827	1.736	1.562	68215	FAM98B	NM_026620_2_+1
Abhd18	2.501	2.611	2.469	2.474	2.029	1.942	1.899	1.711	2.140	2.755	269423	ABHD18	NM_026622_3_+1
Nudt21	6.658	6.440	6.654	6.647	6.484	6.285	6.302	6.177	5.788	5.698	68219	NUDT21	NM_026623_8_-1
Fam166a	-4.981	-3.258	-3.299	-4.637	-3.270	-3.813	-4.112	-4.978	-4.981	-4.981	68222	FAM166A	NM_026624_2_+1
Efcab2	3.349	4.043	2.452	2.150	1.780	1.820	1.883	1.562	1.188	1.067	68226	EFCAB2	NM_026626_1_+1
Nhp2	7.047	6.959	6.870	6.721	6.646	6.618	6.897	6.671	5.342	5.132	52530	NHP2	NM_026631_11_+1
Rpa3	5.654	5.722	5.327	5.228	5.374	5.546	5.382	5.019	3.775	3.643	68240	RPA3	NM_026632_6_-1
Fam195a	2.557	2.145	3.030	3.309	1.100	1.687	2.534	2.834	2.383	1.813	68241	MCRIP2	NM_026633_17_-1
A930018P22Rik	-4.981	-1.780	-4.962	-4.582	-4.965	-4.678	-4.947	-4.924	-4.981	-4.981	68243	C11orf91	NM_026634_2_+1
Fam96a	7.339	7.381	7.161	7.277	7.705	7.506	7.765	7.541	7.998	7.586	68250	FAM96A	NM_026635_9_+1
Babam1	6.938	6.688	6.216	6.282	6.422	6.416	6.247	6.139	5.834	5.460	68251	BABAM1	NM_026636_8_+1
Ggct	3.363	3.312	3.872	3.951	5.359	5.006	5.005	3.606	3.301	2.272	110175	GGCT	NM_026637_6_-1
Cdipt	6.486	6.481	6.045	6.202	6.028	6.091	6.108	6.175	6.451	6.289	52858	CDIPT	NM_026638_7_+1
Art4	-2.948	-1.910	-3.940	-1.090	-3.477	-1.587	-2.729	-1.064	-4.394	-2.342	109978	ART4	NM_026639_6_-1
Fam111a	3.111	2.245	4.779	4.027	6.552	5.016	7.264	5.547	7.704	6.019	107373	FAM111A	NM_026640_19_+1
Ift80	2.577	2.903	1.216	1.554	1.805	2.611	1.238	1.693	1.150	1.294	68259	IFT80	NM_026641_3_-1
Trmt12	4.235	3.750	4.269	4.489	3.599	3.961	3.736	3.464	3.613	3.991	68260	TRMT12	NM_026642_15_+1
Cep57l1	3.642	3.648	2.067	2.678	2.478	2.722	1.215	1.315	-1.043	0.884	103268	CEP57L1	NM_026643_10_-1
Agpat4	1.176	1.774	5.126	4.626	4.911	4.692	6.051	5.204	5.105	4.544	68262	AGPAT4	NM_026644_17_+1
Slc25a22	0.429	-4.144	-0.564	-3.449	0.156	-0.739	-2.051	-0.747	0.663	-4.810	68267	SLC25A22	NM_026646_7_-1
Zdhhc21	3.170	3.377	4.410	4.558	3.918	4.138	3.769	3.993	4.570	4.826	68268	ZDHHC21	NM_026647_4_-1
Dnaaf1	-4.981	-4.981	-2.590	-3.733	-4.974	-4.403	-3.434	-4.169	-3.958	-4.981	68270	DNAAF1	NM_026648_8_+1
Pomgnt1	4.375	4.595	4.271	4.455	4.447	4.852	3.843	4.018	4.103	4.181	68273	POMGNT1	NM_026651_4_+1
Rpa1	5.352	5.528	5.475	5.647	6.005	5.793	5.857	5.937	5.262	5.129	68275	RPA1	NM_026653_11_-1
Toe1	4.435	4.452	3.905	4.087	4.212	4.285	3.900	3.992	4.030	3.838	68276	TOE1	NM_026654_4_-1
2310057M21Rik	4.151	4.435	3.080	3.240	3.320	3.633	2.980	3.107	2.755	2.548	68277	C10orf88	NM_026655_7_-1
Mcoln2	3.757	4.064	0.614	-0.245	-1.949	-0.069	-0.989	1.427	-2.583	-0.125	68279	MCOLN2	NM_026656_3_+1
Mto1	3.745	4.172	4.181	4.263	4.407	4.392	4.384	4.729	4.525	4.713	68291	MTO1	NM_026658_9_+1
Mfsd10	5.437	5.342	5.949	5.946	5.406	5.594	5.620	5.675	5.566	5.222	68294	MFSD10	NM_026660_5_-1
Aar2	4.046	4.341	4.156	4.484	3.860	4.207	4.098	4.360	4.237	4.312	68295	AAR2	NM_026661_2_+1
Prps2	5.862	5.881	4.970	4.550	5.452	5.236	5.110	4.624	4.112	3.876	110639	PRPS2	NM_026662_X_-1
Vps53	4.858	4.468	4.954	4.980	5.159	5.216	4.952	4.776	5.220	5.042	68299	VPS53	NM_026664_11_-1
Cep57	6.659	6.555	3.974	4.048	3.900	4.294	4.158	4.391	3.910	4.051	74360	CEP57	NM_026665_9_-1
Ubn1	5.728	5.804	5.368	5.234	6.223	6.022	5.894	5.623	5.925	5.935	170644	UBN1	NM_026666_16_+1
Fam114a1	1.247	-1.201	3.873	2.973	2.988	1.964	3.375	2.562	3.900	3.700	68303	FAM114A1	NM_026667_5_+1
Tmbim6	7.217	7.069	6.945	6.957	7.295	7.386	7.352	7.175	7.500	7.466	110213	TMBIM6	NM_026669_15_+1
Zmym1	2.678	3.209	3.233	3.152	3.763	3.493	3.633	3.145	2.945	3.036	68310	ZMYM1	NM_026670_4_-1
Gstm7	-1.871	-1.569	-4.662	-3.492	-3.951	-4.437	-3.905	-2.259	-2.106	-0.222	68312	GSTM2	NM_026672_3_-1
Apoo	5.553	5.235	4.381	4.493	3.990	4.076	3.945	3.969	2.424	3.032	68316	APOO	NM_026673_X_+1
Aph1c	5.251	4.939	7.413	7.371	6.014	6.191	6.194	5.807	5.358	5.187	68318	NA	NM_026674_9_-1
Nudt22	5.222	5.429	3.899	4.364	4.068	4.068	4.011	4.062	3.847	3.867	68323	NUDT22	NM_026675_19_-1

Tsr3	4.988	4.883	4.324	4.206	4.477	4.260	4.094	3.870	3.548	3.203	68327	TSR3	NM_026676_17_+1
Rab13	-1.559	-4.279	2.401	2.219	-3.503	-2.921	-2.353	-1.048	-0.249	-0.577	68328	RAB13	NM_026677_3_+1
Blvra	6.223	6.130	5.533	5.851	5.403	5.493	5.737	6.052	5.616	5.903	109778	BLVRA	NM_026678_2_+1
Tmem254a	0.798	0.226	-1.758	-2.334	-1.177	-2.979	-2.031	-1.966	0.105	-2.071	66039	NA	NM_026679_14_-1
Tmem254a	-2.442	-3.527	-3.142	-4.256	-3.545	-4.814	-3.811	-4.222	-1.821	-3.216	66039	NA	NM_026679_dup1_14_-2
Tmem254a	-2.031	-0.147	-3.142	-4.256	-3.599	-4.820	-3.789	-4.092	-1.821	-3.216	66039	NA	NM_026679_dup2_14_-3
Ccdc88c	2.816	1.785	1.501	1.089	2.589	1.749	3.050	2.900	5.837	4.913	68339	CCDC88C	NM_026681_12_-1
Cpsf4l	-4.981	-4.981	-4.329	-4.396	-4.922	-4.972	-4.077	-4.414	-2.912	-3.066	52670	CPSF4L	NM_026682_11_-1
Acbd6	4.932	4.958	4.130	4.191	4.195	4.248	3.979	3.915	2.760	2.728	72482	ACBD6	NM_026683_1_+1
Ndufb10	7.889	7.544	6.806	6.402	6.890	6.576	7.278	6.763	6.643	6.023	68342	NDUFB10	NM_026684_17_-1
Mettl26	5.456	5.123	4.547	4.829	4.082	4.119	4.145	4.386	3.511	3.181	68347	METTL26	NM_026686_17_+1
Ndufs3	7.711	7.581	6.455	6.540	6.409	6.616	6.580	6.605	5.960	5.777	68349	NDUFS3	NM_026688_2_-1
Mul1	4.822	4.598	3.868	4.006	4.120	4.007	3.937	3.997	3.945	3.544	68350	MUL1	NM_026689_4_+1
Gabarapl2	8.951	8.861	8.399	8.295	8.425	8.656	7.915	7.715	6.504	6.668	93739	GABARAPL2	NM_026693_8_+1
Etfb	7.930	7.716	6.829	7.244	6.962	7.040	7.174	7.159	6.215	6.119	110826	ETFB	NM_026695_7_+1
0610030E20Rik	4.596	4.465	5.051	4.447	5.177	4.618	5.110	4.692	4.905	5.021	68364	C2orf68	NM_026696_6_+1
Rab14	7.899	8.220	7.705	7.830	7.939	7.797	8.008	7.988	8.283	8.504	68365	RAB14	NM_026697_2_-1
Tmem129	4.600	4.431	4.143	4.168	3.996	4.116	3.782	4.086	4.107	4.126	68366	TMEM129	NM_026698_5_-1
Dopey2	-0.306	0.628	0.499	0.025	0.251	0.168	0.153	-0.540	-1.055	-0.249	70028	DOPEY2	NM_026700_16_+1
Pbld1	0.016	0.222	0.885	1.243	0.295	2.176	-0.517	1.037	-0.975	-1.224	68371	PBLD	NM_026701_10_+1
Ndufa8	7.075	6.979	6.665	6.885	7.145	7.151	6.986	6.826	6.387	6.102	68375	NDUFA8	NM_026703_2_-1
Tlcd1	-0.768	-0.915	-0.672	0.126	-1.885	-0.104	-2.290	-0.629	-2.263	-2.234	68385	TLCD1	NM_026708_11_+1
Zfp414	5.385	5.162	4.265	4.178	5.164	4.913	4.476	4.243	4.185	3.731	328801	ZNF414	NM_026712_17_+1
Mogat1	-1.182	-0.142	-3.322	-4.357	-3.264	-4.024	-2.426	-3.556	-4.981	-4.981	68393	MOGAT1	NM_026713_1_+1
Ccdc163	2.804	2.860	2.382	2.175	3.074	2.657	2.813	2.438	2.587	2.057	68394	NA	NM_026714_4_+1
Ankrd13a	6.423	6.353	7.660	7.738	8.059	7.937	7.720	7.603	7.837	7.920	68420	ANKRD13A	NM_026718_5_+1
Lmbrd1	4.897	5.045	5.568	5.509	4.943	5.008	5.046	5.779	5.509	5.670	68421	LMBRD1	NM_026719_1_+1
Ankrd13d	3.326	3.741	2.360	2.330	2.869	2.928	2.831	2.760	3.414	3.442	68423	ANKRD13D	NM_026720_19_-1
Slc39a13	2.573	2.822	2.708	3.469	2.518	2.968	3.081	3.511	3.701	3.911	68427	SLC39A13	NM_026721_2_-1
Rpl34	4.980	4.385	4.326	4.172	4.017	3.672	4.555	3.949	3.458	2.681	68436	NA	NM_026724_3_-1
Dusp23	4.004	3.610	2.542	2.165	2.559	2.190	2.899	1.523	2.391	0.511	68440	DUSP23	NM_026725_1_-1
Echdc2	-4.981	-4.981	-1.705	-0.502	-3.256	-0.187	-4.977	-3.492	-4.981	-4.981	52430	ECHDC2	NM_026728_4_+1
Mrpl58	6.099	6.204	5.054	4.850	4.542	4.562	4.804	4.966	5.019	4.651	68572	MRPL58	NM_026729_11_+1
Gpihbp1	-1.549	-4.981	-3.647	-2.676	-2.708	-2.866	-4.617	-2.037	-4.981	-4.981	68453	NA	NM_026730_15_+1
Ppp1r14a	1.787	1.249	4.043	3.670	7.434	7.614	5.867	3.851	-2.327	-3.011	68458	PPP1R14A	NM_026731_7_+1
Mrpl14	6.124	5.823	5.887	5.744	5.959	5.741	6.329	5.965	5.179	5.038	68463	MRPL14	NM_026732_17_+1
Tmem126b	4.688	4.820	4.642	4.556	4.192	4.130	4.151	4.058	3.385	3.148	68472	TMEM126B	NM_026734_7_-1
Mob1b	2.631	2.777	3.520	3.370	2.696	2.568	2.792	2.883	3.364	3.967	68473	MOB1B	NM_026735_5_+1
Phf5a	6.629	6.564	5.979	6.084	6.229	6.326	6.119	6.103	5.344	5.248	68479	PHF5A	NM_026737_15_-1
Card19	5.945	6.044	6.013	5.866	5.625	5.558	5.985	6.051	6.812	6.645	68480	CARD19	NM_026738_13_-1
9530077C05Rik	-0.802	0.176	-2.310	-0.719	-1.222	-0.953	-2.508	-3.405	-0.243	-4.981	68283	KIAA0895	NM_026739_9_+1
Slc46a1	1.719	1.545	-0.887	-0.367	-0.193	0.443	-0.417	0.978	1.458	1.284	52466	SLC46A1	NM_026740_11_+1
Zfp579	2.593	2.659	0.960	0.858	1.657	2.087	1.527	1.889	0.485	0.902	68490	ZNF579	NM_026741_7_-1
Ndufaf4	5.552	5.895	4.501	4.620	5.071	5.202	4.764	4.699	3.225	3.691	68493	NDUFAF4	NM_026742_4_+1
Mrpl53	5.367	5.275	4.559	4.542	4.564	4.843	4.687	4.710	4.201	3.836	68499	MRPL53	NM_026744_6_+1
Nsmce2	7.121	7.107	5.698	5.394	5.379	5.156	5.394	5.248	4.897	4.437	68501	NSMCE2	NM_026746_15_+1
Ints1	4.367	4.112	4.151	4.003	4.361	4.160	3.984	3.847	4.028	4.039	68510	INTS1	NM_026748_5_-1
Myadml2	2.445	2.222	-3.500	-4.073	-4.271	-2.953	-4.056	-2.396	-1.521	-3.876	68515	MYADML2	NM_026751_11_-1
Zfyve21	5.692	5.963	3.160	3.212	2.813	2.745	2.973	3.575	4.291	4.187	68520	ZFYVE21	NM_026752_12_+1
Fam96b	6.680	6.685	6.177	6.255	6.345	6.448	6.312	6.025	4.446	4.743	68523	FAM96B	NM_026753_8_-1
Nfic	1.234	1.322	0.523	0.503	0.479	-0.508	1.699	1.818	4.084	3.286	18029	NFIC	NM_026756_10_-1
0610010K14Rik	1.347	1.156	0.601	1.035	0.930	0.588	0.686	0.500	0.136	-0.068	104457	C17orf49	NM_026757_11_-1
Mphosph6	5.529	5.837	4.930	5.075	4.992	4.950	4.466	4.367	3.555	3.184	68533	MPHOSPH6	NM_026758_8_-1
Mrpl13	6.687	6.643	6.193	6.158	6.736	6.681	6.445	5.882	4.224	4.092	68537	MRPL13	NM_026759_15_-1
2310036O22Rik	7.361	7.450	6.771	6.796	6.992	7.056	7.027	6.936	6.327	6.382	68544	C19orf43	NM_026760_8_+1
Col6a4	-4.981	-4.981	-4.772	-3.423	-4.173	-0.905	-4.841	-0.402	-4.981	-3.816	68553	NA	NM_026763_9_-1
Gstm4	3.140	3.468	2.662	3.192	3.027	3.293	2.858	2.343	3.063	3.204	14865	GSTM4	NM_026764_3_-1
Uckl1	6.036	6.016	6.377	6.278	6.249	6.284	6.129	6.027	6.067	5.735	68556	UCKL1	NM_026765_2_-1
Dpm3	6.017	5.803	4.336	4.015	4.273	4.342	4.962	4.946	4.735	4.396	68563	DPM3	NM_026767_3_+1
Mrps18a	6.851	7.288	5.795	6.459	5.682	5.944	5.897	6.072	5.136	5.299	68565	MRPS18A	NM_026768_17_+1
Caly	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-3.397	-3.936	-3.738	-4.981	68566	CALY	NM_026769_7_-1
Cgref1	-4.322	-4.981	2.644	1.559	-1.104	-2.223	-1.155	-1.157	-4.511	-4.810	68567	CGREF1	NM_026770_5_-1
Cdc42ep2	0.730	-0.383	2.794	2.981	5.003	5.117	5.275	5.159	5.325	5.352	104252	CDC42EP2	NM_026772_19_-1
Lamtor5	7.894	7.872	7.469	7.421	7.333	7.282	7.558	7.405	7.016	6.948	68576	LAMTOR5	NM_026774_3_+1
Tmed10	9.233	9.236	8.097	8.036	7.262	7.306	7.788	8.151	8.129	7.877	68581	TMED10	NM_026775_12_-1
Vps25	7.898	7.744	7.110	7.129	7.173	7.159	6.999	6.803	6.432	5.858	28084	VPS25	NM_026776_11_+1
Mocos	0.685	1.826	1.946	2.058	-0.476	0.100	1.947	1.875	4.603	4.436	68591	MOCOS	NM_026779_18_+1
Syf2	7.760	7.847	6.686	6.583	7.006	6.963	7.306	7.129	7.229	6.952	68592	SYF2	NM_026780_4_+1
Ccdc167	3.477	3.016	2.803	2.686	1.290	1.401	1.906	1.636	0.856	0.068	68597	CCDC167	NM_026782_17_-1
Pmvk	6.690	6.847	5.457	5.077	4.645	4.602	4.378	4.324	3.362	3.335	68603	PMVK	NM_026784_3_+1
Ube2c	1.665	2.291	4.961	6.015	5.790	5.737	5.111	5.242	2.461	2.625	68612	UBE2C	NM_026785_2_+1
1110012L19Rik	5.216	4.948	4.074	4.313	3.993	4.103	3.940	3.913	3.841	3.632	68618	CXorf40A CXorf40I	NM_026787_X_+1
Mthfd2l	1.252	1.942	0.628	0.168	0.796	-0.125	-0.336	0.175	0.350	-0.155	665563	MTHFD2L	NM_026788_5_+1
Ifi27	5.201	3.931	3.532	1.985	6.428	5.458	5.399	4.054	2.976	2.764	52668	NA	NM_026790_12_+1

Fbxw9	3.578	3.847	2.960	3.126	2.185	2.916	2.179	2.920	2.871	3.047	68628	FBXW9	NM_026791_8_+1
Agpat5	6.755	6.783	5.894	6.016	4.585	4.575	5.200	5.476	5.377	5.239	52123	AGPAT5	NM_026792_8_+1
Myct1	-1.957	-4.981	-4.971	-2.366	-3.162	-2.978	-4.911	-3.798	-2.724	-2.600	68632	MYCT1	NM_026793_10_+1
Deb1	4.734	4.516	3.642	3.736	3.506	3.452	3.789	3.697	2.601	2.726	26901	SS18L2	NM_026794_9_+1
Tm2d3	5.707	5.422	4.969	4.914	4.472	4.622	4.769	4.850	4.163	4.049	68634	TM2D3	NM_026795_7_+1
Smyd2	2.337	2.477	3.880	4.770	3.420	4.469	2.256	3.190	1.216	1.724	226830	SMYD2	NM_026796_1_-1
Dbnidd2	1.402	1.765	4.330	4.303	3.490	3.666	3.559	3.850	2.723	3.360	52840	DBNDD2	NM_026797_2_+1
Tmem216	0.386	1.428	-0.949	-2.124	-0.628	-0.297	-4.568	-0.879	1.478	-0.634	68642	TMEM216	NM_026798_19_-1
Drosha	3.128	2.968	3.545	3.516	3.780	3.822	3.524	3.670	3.623	3.823	14000	DROSHA	NM_026799_15_+1
Fitm1	-3.843	-4.981	-1.183	-2.977	-4.023	-4.978	-2.387	-4.817	-1.438	-4.227	68680	FITM1	NM_026800_14_+1
Mlh1	4.012	4.159	3.991	4.006	4.357	4.151	4.224	3.821	3.450	3.429	17350	MLH1	NM_026801_9_-1
Hddc3	2.569	5.428	0.697	3.915	1.392	4.779	0.980	3.704	-0.711	2.845	68695	HDDC3	NM_026802_7_+1
PPP6R2	2.607	2.529	2.683	2.300	2.714	2.415	1.731	1.827	2.393	2.636	71474	PPP6R2	NM_026803_15_+1
PPP1R27	-4.981	-3.267	-2.999	-3.219	-3.762	-3.693	-2.393	-4.340	-4.190	-3.435	68701	PPP1R27	NM_026804_11_-1
Upk1a	-1.901	-2.064	-2.931	-2.057	-3.614	-3.362	-4.107	-3.134	-3.750	-2.407	109637	UPK1A	NM_026805_7_-1
Gtf2f2	5.885	5.934	5.661	5.648	5.621	5.625	5.510	5.303	4.632	4.497	68705	GTF2F2	NM_026806_14_-1
Rabl2	2.782	3.152	1.155	1.486	1.292	1.830	0.603	1.063	1.252	1.739	68708	RABL2A	NM_026807_15_-1
Cilp2	-4.981	-4.981	-4.980	-4.261	-2.343	-2.524	-4.134	-4.075	-4.981	-4.981	68709	CILP2	NM_026808_8_-1
Dhrs1	5.320	4.968	6.452	6.493	5.792	5.533	5.838	5.825	6.418	5.976	52585	DHRS1	NM_026809_14_-1
Ifitm1	-0.841	-2.919	0.013	0.270	3.011	2.697	4.072	2.533	1.972	1.644	68713	NA	NM_026810_7_+1
Arl8a	5.360	5.651	5.858	5.688	5.730	5.675	5.672	5.684	6.576	6.475	68724	ARL8A	NM_026811_1_+1
Dus1l	5.232	5.268	4.826	4.975	4.937	4.898	4.873	5.121	5.116	5.131	68730	DUS1L	NM_026812_11_-1
Carmil1	5.904	5.733	2.851	2.425	5.270	4.596	4.010	3.073	0.941	-0.356	68732	CARMIL1	NM_026813_13_-1
Mrps18c	6.851	6.729	5.967	5.986	6.055	6.161	6.584	6.228	5.378	5.406	68735	MRPS18C	NM_026814_5_+1
Tmem219	6.457	6.148	4.798	4.737	4.543	4.493	4.789	4.399	5.071	4.019	68742	TMEM219	NM_026815_7_-1
Dnlz	4.427	4.220	3.891	3.894	3.990	4.223	4.258	3.858	3.391	3.219	52838	DNLZ	NM_026816_2_-1
Mthfs	6.244	6.109	6.130	5.687	6.768	6.191	6.847	6.058	4.430	4.367	107885	MTHFS	NM_026817_9_+1
Rreb1	2.488	1.814	1.939	1.460	2.286	2.431	2.228	2.433	2.524	2.491	68750	RREB1	NM_026818_13_+1
Mybphl	3.296	3.516	2.980	2.497	2.477	1.896	1.827	-0.211	-4.981	-3.386	68753	MYBPHL	NM_026819_3_+1
Cgrrf1	4.726	4.524	4.067	3.887	3.057	2.804	3.696	3.834	4.243	3.835	68755	CGRRF1	NM_026820_14_+1
Wash1	2.895	1.046	3.020	2.630	2.827	2.373	2.541	1.732	2.134	2.062	68767	WASH1	NM_026821_17_+1
Ms4a6d	1.386	0.474	0.139	2.044	1.396	2.964	5.160	8.294	6.908	9.091	68774	MS4A6A	NM_026822_19_-1
Taf11	5.265	5.047	4.387	4.482	4.302	4.343	4.254	4.280	3.868	3.961	68776	TAF11	NM_026823_17_-1
Tmem53	-1.806	-2.373	-4.922	-3.242	-4.881	-4.728	-4.951	-4.115	-2.007	-4.893	68777	TMEM53	NM_026824_4_+1
Pdgfrl	-1.467	-4.981	-4.782	-4.947	-4.652	-4.903	-4.970	-4.982	-2.114	-3.167	68797	PDGFRL	NM_026825_8_+1
Ubqln1	5.147	4.941	6.410	6.420	6.161	6.127	6.072	6.162	6.440	6.772	56085	UBQLN1	NM_026826_13_-1
Cmc2	4.560	4.462	4.506	4.623	4.267	4.134	4.156	3.750	2.691	2.404	66531	CMC2	NM_026827_8_-1
Ppil1	5.256	5.271	5.359	5.539	5.412	5.112	4.814	5.121	4.034	3.700	68816	PPIL1	NM_026828_17_-1
Zfand2b	2.518	3.292	1.758	1.939	0.911	1.186	1.478	1.893	2.010	2.713	68818	ZFAND2B	NM_026829_1_+1
Mtmr14	6.403	6.295	6.921	6.992	5.763	5.724	5.749	6.094	6.107	5.996	97287	MTMR14	NM_026830_6_+1
Pdcl3	6.447	6.375	6.246	6.387	6.061	6.174	5.652	5.611	5.164	5.153	68833	PDCL3	NM_026831_10_+1
Mrp152	6.518	6.287	6.029	5.913	5.954	5.792	6.516	6.049	5.231	4.762	68836	MRP152	NM_026832_14_+1
Asb11	-4.981	-4.981	-1.447	-4.194	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	68854	ASB11	NM_026833_X_+1
Dtwd2	1.541	2.391	2.181	2.442	2.519	2.619	2.403	1.981	2.419	2.351	68857	DTWD2	NM_026834_18_-1
Arv1	4.047	2.675	1.888	1.045	1.986	1.347	1.511	0.963	0.627	0.218	68865	ARV1	NM_026835_8_+1
Zfp644	4.860	4.666	5.060	4.798	5.308	4.991	5.010	4.704	4.721	4.759	52397	ZNF644	NM_026836_5_-1
Xrcc6bp1	0.569	0.554	1.117	0.211	-0.171	0.031	-0.343	-0.316	-0.709	-1.382	68876	ATP23	NM_026837_10_-1
Maf1	7.201	7.293	6.655	6.455	6.697	6.749	6.970	7.020	7.501	7.310	68877	MAF1	NM_026838_15_+1
Gkn3	-4.981	-4.981	-4.981	-4.981	-1.761	-2.731	-4.371	-4.971	-4.981	-4.981	68888	NA	NM_026839_6_-1
Ubac2	6.183	6.233	6.837	6.965	8.097	8.108	7.698	7.443	6.992	6.858	68889	UBAC2	NM_026840_14_+1
Cd177	3.031	-2.681	-2.372	0.183	-0.103	2.308	0.860	5.899	9.500	10.723	68891	CD177	NM_026841_7_-1
Rasl11a	-1.166	-4.981	0.171	-0.309	0.302	0.310	-0.527	0.255	-1.745	-1.795	68895	RASL11A	NM_026842_5_+1
Ptges3l	0.657	0.639	0.525	0.785	0.025	0.102	-0.375	-0.391	-2.321	-2.253	73635	PTGES3L	NM_026843_11_-1
Disp1	3.955	3.642	2.264	2.065	2.989	3.150	2.624	2.711	2.883	2.775	68897	DISP1	NM_026844_1_-1
Abhd13	2.961	2.883	3.513	3.568	2.751	2.794	2.629	3.016	3.917	4.168	68904	ABHD13	NM_026845_8_+1
Pygo2	0.844	1.069	1.222	0.384	0.609	-0.651	-0.793	-1.879	0.581	0.291	68911	PYGO2	NM_026846_3_+1
Hint2	6.558	5.421	5.634	4.854	5.577	4.809	5.790	4.427	4.174	2.853	68917	HINT2	NM_026847_4_-1
Ubap2	3.461	3.503	4.413	4.506	5.035	4.960	4.487	4.162	4.163	4.076	68926	UBAP2	NM_026848_4_-1
Ptcd2	6.060	5.999	7.814	7.993	6.833	6.993	6.674	6.753	5.850	5.804	68927	PTCD2	NM_026849_13_-1
Ypel3	1.943	1.502	-0.473	-0.717	0.286	0.432	1.407	1.468	2.425	2.451	66090	YPEL3	NM_026850_7_+1
Trmt1l	4.645	4.977	5.365	5.108	5.561	5.567	5.132	4.924	4.715	4.658	98685	TRMT1L	NM_026851_1_+1
Aspscr1	5.344	5.262	5.556	5.578	5.281	5.353	5.164	5.313	6.286	5.806	68938	ASPSCR1	NM_026852_11_+1
Rasl11b	3.856	5.040	-0.317	-0.147	-2.431	-1.644	-3.358	-0.735	-0.186	-1.791	68939	RASL11B	NM_026853_5_+1
Chmp2b	6.377	6.688	6.268	6.265	6.490	6.315	7.076	7.030	6.633	7.019	68942	CHMP2B	NM_026854_16_-1
Pink1	6.148	5.777	5.022	4.438	4.810	4.467	5.513	5.073	6.686	5.865	68943	PINK1	NM_026855_4_-1
Fam216a	4.658	4.475	4.022	4.075	3.712	3.772	3.198	3.036	2.577	2.162	68948	FAM216A	NM_026856_5_-1
Chmp2a	8.252	8.306	7.679	7.794	7.609	7.663	7.840	7.894	7.613	7.395	68953	CHMP2A	NM_026857_7_-1
Ap1s2	2.515	3.187	3.790	3.754	5.026	5.177	5.186	4.861	5.339	5.910	108012	AP1S2	NM_026858_X_+1
Phkg2	5.556	5.817	5.363	5.539	5.525	5.788	5.300	5.360	5.076	4.926	68961	PHKG2	NM_026859_7_+1
Ngdn	6.908	7.145	6.207	6.213	6.280	6.304	6.176	6.061	5.678	5.563	68966	NGDN	NM_026860_14_+1
Cdan1	2.446	1.213	2.754	2.101	3.085	2.002	3.042	2.727	3.654	2.697	68968	CDAN1	NM_026861_2_-1
Eif1b	6.805	6.753	6.252	6.205	6.269	6.329	6.372	6.292	5.581	5.641	68969	EIF1B	NM_026862_9_+1
Dcaf12	6.393	6.400	6.910	6.927	6.723	6.863	6.670	6.835	7.239	7.225	68970	DCAF12	NM_026863_4_-1
Tamm41	5.136	5.131	4.288	4.144	4.073	4.103	3.804	3.996	3.465	3.127	68971	TAMM41	NM_026864_6_-1

Tatdn3	3.837	4.209	3.670	3.506	3.963	4.220	3.627	3.583	3.695	3.463	68972	TATDN3	NM_026895_1_-1
Med27	6.490	6.390	5.210	5.240	5.695	5.535	5.158	4.991	4.678	4.572	68975	MED27	NM_026896_2_+1
Haghl	1.716	1.213	1.386	2.494	2.197	3.030	1.436	1.980	1.481	2.172	68977	HAGHL	NM_026897_17_-1
Wdr53	2.789	2.583	2.489	2.069	2.732	2.193	2.195	2.205	1.496	1.692	68980	WDR53	NM_026898_16_+1
Ssu72	7.800	7.645	7.670	7.591	7.351	7.284	7.405	7.272	7.017	6.794	68991	SSU72	NM_026899_4_+1
Zfp580	3.158	2.782	0.608	0.550	2.130	2.103	0.752	0.458	-1.233	-0.559	68992	ZNF580	NM_026900_7_+1
Mcts1	7.142	7.171	6.718	6.607	6.509	6.495	6.600	6.367	5.664	5.936	68995	MCTS1	NM_026902_X_+1
Anapc10	5.789	6.011	4.793	4.718	4.882	4.818	4.902	4.670	3.824	4.016	68999	ANAPC10	NM_026904_8_+1
Cab39l	4.999	5.075	5.475	5.820	5.383	5.507	5.307	5.542	5.325	5.443	69008	CAB39L	NM_026908_14_+1
Thap7	5.818	5.694	4.707	4.740	4.762	4.824	4.660	4.684	4.249	4.238	69009	THAP7	NM_026909_16_-1
Tnik	-4.981	-3.596	-4.719	-4.274	-4.062	-3.695	-4.763	-4.268	-4.314	-4.571	665113	TNIK	NM_026910_3_+1
Spes1	8.602	8.541	7.333	7.230	6.970	7.160	7.265	7.441	6.505	6.485	69019	SPCS1	NM_026911_14_-1
Snx15	5.029	4.591	4.063	4.261	4.298	4.242	4.326	4.243	3.839	3.615	69024	SNX15	NM_026912_19_-1
Mitd1	4.360	4.501	3.852	3.686	4.976	4.450	4.764	4.318	4.171	3.871	69028	MITD1	NM_026913_1_-1
Smdt1	8.112	8.079	7.487	7.638	7.190	7.555	7.494	7.564	6.837	6.811	69029	SMDT1	NM_026914_15_+1
Nupr2l	-0.429	0.023	0.054	0.230	-2.614	-1.822	-0.964	-1.806	-1.308	-1.681	69034	NUPR2	NM_026916_5_+1
Zdhhc3	5.013	5.101	5.869	6.046	5.803	5.798	5.734	5.758	5.925	5.714	69035	ZDHHC3	NM_026917_9_-1
Zg16	-1.884	-4.981	-4.971	-4.110	-4.977	-4.856	-4.969	-3.486	-4.981	-3.449	69036	ZG16	NM_026918_7_-1
Tmem258	8.186	7.975	7.531	7.348	6.910	6.894	7.294	7.322	6.671	6.538	69038	TMEM258	NM_026919_19_+1
Isca1	5.525	5.663	5.235	5.622	5.413	6.086	5.400	5.834	5.069	5.215	69046	ISCA1	NM_026921_13_-1
Atp2c2	-4.981	-4.981	-3.811	-0.983	-4.885	-4.811	-4.781	-3.725	-4.981	-4.981	69047	ATP2C2	NM_026922_8_+1
Ovol2	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	107586	OVOL2	NM_026924_2_-1
Pnlip	-0.859	0.587	-4.052	-4.944	-4.262	-3.869	-4.683	-3.296	-4.981	-3.480	69060	PNLIP	NM_026925_19_+1
Fuom	1.088	1.734	0.439	1.357	0.758	1.337	2.232	2.488	2.527	3.179	69064	FUOM	NM_026928_7_-1
Chac1	-4.981	-4.981	2.973	2.849	0.023	-2.201	-1.028	-2.172	-3.471	-4.981	69065	CHAC1	NM_026929_2_+1
18100121010Rik	-0.850	-2.060	-4.863	-2.457	-4.964	-3.572	-4.242	-0.843	-4.981	-4.981	69068	C8orf4	NM_026931_8_-1
Ebna1bp2	6.519	6.682	6.005	6.159	6.046	6.132	5.843	5.834	5.244	5.047	69072	EBNA1BP2	NM_026932_4_+1
Triap1	6.089	6.041	5.143	5.320	5.385	5.932	5.376	5.687	5.308	5.298	69076	TRIAPI1	NM_026933_5_+1
Zc3h15	6.746	6.571	6.378	6.481	6.357	6.343	6.349	6.114	5.571	5.755	69082	NA	NM_026934_2_+1
Oxa1l	5.277	5.777	5.100	5.573	5.167	5.567	5.118	5.444	4.758	5.568	69089	OXA1L	NM_026936_14_+1
Ascc1	5.568	5.421	5.495	5.457	5.564	5.524	5.294	5.114	4.589	4.394	69090	ASCC1	NM_026937_10_+1
Tmem160	7.353	7.203	6.362	6.192	6.495	6.728	6.964	6.602	6.134	5.834	69094	TMEM160	NM_026938_7_+1
Ydjc	2.690	2.724	2.785	2.957	2.284	2.814	2.080	1.974	2.203	2.072	69101	YDJC	NM_026940_16_+1
Stoml1	6.411	5.709	3.930	3.808	3.327	3.211	2.981	2.570	3.776	1.942	69106	STOML1	NM_026942_9_+1
Snrpd2	6.920	6.908	6.285	6.354	5.982	6.288	6.359	6.436	5.081	4.979	107686	SNRPD2	NM_026943_7_+1
Alkbh3	5.668	5.592	4.863	5.007	4.788	4.829	4.624	4.695	4.330	4.046	69113	ALKBH3	NM_026944_2_-1
Eci3	-4.981	-4.981	-4.981	-4.981	-1.952	-4.626	-4.422	-4.839	-4.981	-4.981	69123	NA	NM_026947_13_-1
Cuta	4.781	4.433	4.368	4.210	3.993	3.871	4.516	3.683	4.167	2.591	67675	CUTA	NM_026948_17_-1
Cnot8	7.752	7.639	7.260	7.139	6.824	6.934	6.870	6.989	7.207	7.097	69125	CNOT8	NM_026949_11_+1
Ociad2	3.329	3.549	-1.755	-2.429	-0.405	-0.199	-2.264	-0.589	-2.621	-3.079	433904	OCIAD2	NM_026950_5_-1
Pex11g	3.880	3.601	2.029	2.402	2.332	2.747	1.985	2.487	1.215	1.309	69129	PEX11G	NM_026951_8_-1
Cdk12	2.194	2.169	3.109	3.495	2.792	3.099	2.416	2.197	2.061	2.541	69131	CDK12	NM_026952_11_+1
Tusc1	2.776	3.744	2.049	3.043	1.830	2.595	2.447	3.396	4.189	4.325	69136	TUSC1	NM_026954_4_-1
Vstm5	-4.981	-2.997	-4.970	-4.558	-4.647	-4.484	-4.967	-4.553	-4.981	-4.981	69137	VSTM5	NM_026955_9_+1
Slirp	6.215	6.242	5.751	5.833	5.448	5.724	5.886	5.645	4.813	4.679	380773	SLIRP	NM_026958_12_+1
Stx18	5.192	5.061	4.318	4.348	4.208	4.261	4.354	4.214	4.932	4.679	71116	STX18	NM_026959_5_+1
Gsdmd	5.573	6.044	6.894	7.080	7.018	7.169	7.369	7.416	7.791	7.486	69146	GSDMD	NM_026960_15_+1
2200002124Rik	-3.843	-1.668	-2.300	-1.846	-0.100	0.096	-1.696	-1.989	-2.724	-0.320	69147	NA	NM_026961_7_+1
Kbtbd3	3.807	3.886	2.798	3.098	2.201	3.061	2.682	2.808	1.160	2.476	69149	KBTBD3	NM_026962_9_+1
Lzic	4.675	4.176	4.522	4.222	4.785	4.058	4.437	3.951	3.912	3.791	69151	LZIC	NM_026963_4_+1
Ccdc124	6.786	6.397	6.342	6.346	6.051	6.059	6.349	6.219	5.798	5.572	234388	CCDC124	NM_026964_8_-1
Comtd1	4.366	4.568	3.192	3.448	3.476	3.464	3.790	3.758	2.711	2.899	69156	COMTD1	NM_026965_14_-1
Rhebl1	3.488	2.919	3.023	2.595	2.276	2.050	2.803	2.545	2.767	2.063	69159	RHEBL1	NM_026967_15_-1
Manbal	5.644	4.562	5.198	4.221	5.549	4.463	5.407	4.206	5.000	3.614	69161	MANBAL	NM_026968_2_+1
Sec31a	5.553	5.442	6.376	6.362	6.200	6.128	6.171	6.230	6.633	6.741	69162	SEC31A	NM_026969_5_-1
Cd209b	-2.178	-4.981	-4.795	-4.306	1.002	3.087	3.099	4.902	-2.549	-1.252	69165	NA	NM_026972_8_-1
Bola1	5.791	5.644	4.232	4.086	4.174	4.379	4.466	4.265	2.915	2.799	69168	BOLA1	NM_026975_3_-1
Fcmr	3.619	2.894	1.041	3.013	1.986	4.713	3.281	6.133	0.077	1.131	69169	FCMR	NM_026976_1_+1
Cnppd1	5.741	5.787	5.515	5.466	5.620	5.547	5.993	5.971	6.662	6.493	69171	CNPPD1	NM_026977_1_-1
Dtdwd1	4.205	4.304	2.952	3.144	3.123	3.382	2.909	2.996	2.704	2.669	69185	DTWD1	NM_026981_2_+1
Tmem256	6.268	5.956	6.075	6.013	5.742	5.756	6.052	6.096	5.709	5.928	69186	TMEM256	NM_026982_11_+1
Erp27	-1.278	-1.404	-4.965	-4.965	-1.758	-2.907	-2.813	-3.694	-1.051	-1.181	69187	ERP27	NM_026983_6_-1
Kmt2e	8.329	8.514	7.284	7.180	8.046	7.952	7.850	7.712	7.655	7.510	69188	KMT2E	NM_026984_5_+1
Mcemp1	1.833	0.180	4.224	4.807	7.356	7.318	8.424	7.949	8.179	7.746	69189	MCEMP1	NM_026985_8_+1
Dhx16	4.519	4.688	4.968	5.041	5.107	5.052	5.130	5.171	5.812	5.632	69192	DHX16	NM_026987_17_+1
Ptms	5.495	4.908	5.184	5.383	5.092	5.098	4.805	4.196	2.693	2.804	69202	NA	NM_026988_6_-1
Sat2	-3.349	-4.981	-1.145	-0.096	-4.801	-3.370	-4.505	-2.089	-4.981	-1.989	69215	SAT2	NM_026991_11_+1
Dnajc24	4.998	5.036	4.284	4.292	4.722	4.901	4.555	4.493	3.554	3.912	99349	DNAJC24	NM_026992_2_-1
Ddah1	-2.842	-4.981	-4.872	-3.711	-3.962	-4.880	-3.405	-4.982	-4.981	-4.981	69219	DDAH1	NM_026993_3_+1
Cryz1l	0.981	-0.351	-1.378	-1.128	-0.033	-2.852	-0.568	-0.985	0.104	0.324	66609	CRYZ1L	NM_026994_16_-1
Naxd	4.331	3.922	3.111	3.131	2.673	2.963	3.291	3.836	4.410	4.256	69225	NAXD	NM_026995_8_+1
Snx6	6.562	6.446	6.485	6.626	6.428	6.479	6.374	6.391	6.101	6.509	72183	SNX6	NM_026998_12_-1
Zfp688	4.669	4.631	3.977	3.906	4.267	4.125	3.972	3.798	3.580	3.192	69234	ZNF688	NM_026999_7_-1
Gtpbp4	6.264	6.301	6.910	6.563	7.093	6.573	6.407	6.092	5.235	5.395	69237	GTPBP4	NM_027000_13_-1

Pdzph1	-4.981	-4.981	-3.429	-2.754	-3.302	-2.719	-4.935	-4.971	-4.981	-4.981	69239	NA	NM_027001_17_-_1
Polr2d	4.148	4.156	3.812	4.073	3.732	3.580	3.539	3.780	3.143	3.029	69241	POLR2D	NM_027002_18_+_1
Zfp397	3.680	4.065	3.865	3.676	4.214	4.160	4.175	4.000	3.869	4.301	69256	ZNF397	NM_027007_18_+_1
Kctd5	4.491	4.603	5.004	5.049	4.841	4.974	4.583	4.407	4.914	4.514	69259	KCTD5	NM_027008_17_-_1
Rfc3	5.095	5.124	4.145	4.546	5.057	4.898	4.346	4.354	2.774	2.663	69263	RFC3	NM_027009_5_-_1
Scnm1	6.247	6.080	5.196	4.721	5.436	5.007	5.231	4.652	4.195	3.918	69269	SCNM1	NM_027013_3_-_1
Gins1	1.282	1.130	2.950	2.590	3.953	3.021	3.245	2.854	1.590	1.180	69270	GINS1	NM_027014_2_+_1
Rps27	9.159	8.684	9.182	8.678	9.317	9.213	9.475	9.102	8.120	7.556	57294	NA	NM_027015_3_-_1
Sec62	7.222	7.147	6.254	6.026	6.551	6.584	6.897	6.533	5.931	6.265	69276	SEC62	NM_027016_3_+_1
330002108Rik	-1.441	-1.140	-0.524	-1.283	-0.381	-1.547	-0.254	-1.154	-1.031	-0.320	69277	NA	NM_027017_2_-_1
Tmigd3	5.398	5.653	0.039	-0.745	-2.263	-0.996	-0.905	-2.395	-3.491	-2.102	69296	NA	NM_027025_3_+_1
Lrrc46	-2.739	-4.981	-4.130	-4.928	-4.903	-4.755	-4.608	-4.996	-3.750	-4.981	69297	LRRC46	NM_027026_11_-_1
Dcps	6.178	6.216	5.383	5.578	5.853	5.857	5.524	5.688	4.793	5.140	69305	DCPS	NM_027030_9_-_1
Efcab9	-3.189	-2.160	-2.588	-3.272	-2.786	-2.708	-2.004	-1.597	-0.983	-1.096	69306	EFCAB9	NM_027031_11_-_1
Pacrg	-3.349	-1.953	-3.267	-4.510	-3.521	-3.674	-3.864	-4.918	-4.394	-2.519	69310	PACRG	NM_027032_17_-_1
Pfdn5	8.118	7.866	8.062	7.870	8.077	7.887	8.224	7.683	6.944	6.463	56612	PFDN5	NM_027044_15_+_1
Ccser2	4.340	4.460	4.822	5.147	4.837	4.896	4.306	4.198	3.821	4.338	72972	CCSER2	NM_027045_14_-_1
170008003Rik	-0.515	-1.944	-0.102	-0.438	-0.353	0.364	-0.795	-1.431	-2.550	-3.853	69349	C19orf81	NM_027049_7_-_1
Lrrc51	-2.219	-0.745	-2.304	-4.888	-1.871	-2.897	-2.656	-3.448	-4.981	-3.084	69358	NA	NM_027053_7_-_1
Wdfy1	-1.687	0.267	0.858	-0.716	-1.324	-2.473	-1.100	-1.072	-0.365	-0.530	69368	WDFY1	NM_027057_1_-_1
1700017D01Rik	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-3.649	-4.969	-3.322	-3.816	69369	NA	NM_027058_19_-_1
Btbd9	5.277	5.623	5.812	6.186	6.205	6.437	5.489	5.595	5.056	5.355	224671	BTBD9	NM_027060_17_-_1
Zbp2	-1.159	0.502	-4.944	-1.939	-4.280	-3.176	-3.828	-4.659	-4.846	-2.529	69376	ZBP2	NM_027061_11_+_1
C8g	1.955	1.164	1.115	-0.380	1.150	0.893	0.187	-0.407	0.130	-0.501	69379	C8G	NM_027062_2_-_1
Ikbip	5.261	4.433	3.482	2.810	2.970	3.414	2.964	2.756	2.539	2.260	67454	IKBIP	NM_027078_10_+_1
Dennd6b	2.579	2.886	3.138	2.156	3.504	3.493	2.407	2.360	1.684	1.625	69440	DENND6B	NM_027081_15_-_1
Clic3	-3.668	-0.793	-2.591	-1.268	0.304	3.314	-3.769	-2.955	-2.847	-3.855	69454	CLIC3	NM_027085_2_+_1
Ubl7	5.107	5.178	3.545	3.964	3.711	3.288	3.506	2.758	4.197	3.866	69459	UBL7	NM_027086_9_+_1
Bap1	4.999	4.984	5.253	5.283	5.408	5.420	5.368	5.487	6.075	6.133	104416	BAP1	NM_027088_14_+_1
Eqtn	-4.841	-2.895	-4.863	-3.810	-4.238	-4.984	-3.774	-4.986	-4.981	-4.981	67753	EQTN	NM_027089_4_-_1
2300009A05Rik	4.799	4.979	4.279	4.040	3.991	4.089	4.590	4.289	3.429	3.655	69478	C15orf61	NM_027090_9_-_1
Nup35	4.572	4.342	3.205	3.214	3.826	3.479	3.489	3.592	2.415	2.254	69482	NUP35	NM_027091_2_+_1
Ndufaf5	4.349	4.216	4.029	4.026	4.054	4.216	3.516	3.388	2.466	2.468	69487	NDUFAF5	NM_027093_2_+_1
Gpcpd1	0.075	0.309	-0.114	-0.930	-1.645	0.286	1.210	1.451	2.057	1.526	74182	GPCPD1	NM_027096_2_-_1
Mrpl30	7.040	6.826	6.297	6.137	6.137	6.132	6.582	6.269	6.017	5.747	107734	MRPL30	NM_027098_1_+_1
Rwdd2a	0.345	1.061	-1.144	-2.224	-0.748	-1.495	0.299	0.047	1.596	1.218	69519	RWDD2A	NM_027100_9_+_1
Polr2d	5.349	5.504	4.679	4.849	4.340	4.501	4.450	4.446	3.558	3.944	69241	POLR2D	NM_027101_18_+_1
Esam	-0.134	-4.981	3.797	4.465	6.788	6.757	4.751	3.483	-1.438	0.205	69524	ESAM	NM_027102_9_+_1
1700030J22Rik	-3.668	-3.408	0.258	-0.143	-2.124	-2.694	-1.418	-2.949	-0.891	0.100	69528	C16orf46	NM_027103_8_-_1
Avp1	4.352	3.998	7.166	6.920	8.978	9.239	8.232	7.292	3.199	3.783	69534	AVP1	NM_027106_19_-_1
Ten1	6.690	6.507	5.990	5.958	5.726	5.496	5.686	5.576	5.245	5.008	69535	TEN1	NM_027107_11_+_1
Dnase1l1	5.193	5.888	5.293	5.341	4.344	4.840	5.424	5.845	6.505	6.742	69537	DNASE1L1	NM_027109_X_-_1
Capns2	-4.981	-4.981	-4.677	-0.827	-2.034	-0.357	-1.322	-1.843	-1.165	-0.027	69543	CAPNS2	NM_027112_8_+_1
Wdr5b	3.515	3.500	3.469	3.528	4.001	3.933	3.633	3.375	2.694	2.720	69544	WDR5B	NM_027113_16_+_1
Mapk1ip1	-1.209	1.534	0.720	-0.962	-0.948	-2.291	-0.230	-1.317	-0.750	-1.014	69546	NA	NM_027115_7_-_1
Nkpd1	-4.981	-2.069	-2.551	-4.055	-4.936	-4.765	-4.605	-4.971	-4.981	-4.981	69547	NKPD1	NM_027116_7_+_1
Klhdc2	5.248	5.223	5.209	5.128	5.042	5.114	5.147	5.445	5.256	5.434	69554	KLHDC2	NM_027117_12_+_1
Cdk13	4.322	4.038	4.951	4.509	4.869	4.939	4.490	4.520	4.403	4.393	69562	CDK13	NM_027118_13_-_1
Nmrk2	-1.902	-3.154	-2.740	-3.323	-3.260	-3.948	-3.153	-3.912	-4.981	-2.711	69564	NMRK2	NM_027120_10_-_1
Vkorc1l1	5.429	5.491	6.135	6.015	3.745	3.715	3.777	4.093	4.156	4.267	69568	VKORC1L1	NM_027121_5_+_1
Mfsd3	3.231	3.368	2.738	2.952	2.335	2.910	2.329	2.577	2.428	2.259	69572	MFS3	NM_027122_15_+_1
Fastkd3	2.659	3.362	3.227	3.086	3.014	3.085	2.841	2.867	2.631	3.036	69577	FASTKD3	NM_027123_13_+_1
Ap5s1	-4.848	-0.126	-1.687	-1.878	-3.032	-3.110	-4.953	-1.976	-4.725	-2.702	69596	AP5S1	NM_027129_2_+_1
Afg3l2	4.453	4.396	4.778	4.815	4.656	4.843	4.903	5.244	5.949	6.011	69597	AFG3L2	NM_027130_18_-_1
Lnpk1	3.263	2.555	3.810	3.137	3.251	2.807	3.536	2.954	2.609	2.918	69605	LNPK	NM_027133_2_-_1
Mtfmt	4.031	4.193	4.384	3.849	4.337	3.974	3.878	3.318	3.568	3.312	69606	MTFMT	NM_027134_9_+_1
Sec24d	7.151	7.455	4.773	5.283	2.339	2.635	2.767	4.332	4.655	5.318	69608	SEC24D	NM_027135_3_+_1
Ovca2	4.447	4.426	4.881	4.616	4.534	4.514	4.141	3.877	3.753	3.701	246257	OVCA2	NM_027136_11_-_1
Taf9	7.422	7.322	7.049	6.965	7.176	7.098	6.916	6.853	6.113	6.165	108143	TAF9	NM_027139_13_+_1
Spsb3	0.366	1.802	0.607	2.164	-0.584	0.947	1.780	1.956	1.067	0.800	79043	SPSB3	NM_027141_17_+_1
Khny1	2.940	3.675	4.567	4.616	4.890	4.800	4.607	4.602	5.396	5.219	219094	KHNY1	NM_027143_14_+_1
Arhgef12	1.491	5.068	1.702	4.714	1.746	4.741	1.177	4.241	0.662	4.389	69632	ARHGEF12	NM_027144_9_-_1
Enho	3.313	4.229	0.984	1.921	2.093	1.677	1.767	1.353	-1.043	0.107	69638	ENHO	NM_027147_4_-_1
Exosc8	6.721	6.737	5.982	5.863	6.443	6.188	6.279	5.928	4.525	4.482	69639	EXOSC8	NM_027148_3_-_1
Wdr20	4.735	4.562	4.271	4.161	4.345	4.259	4.091	4.196	4.453	4.452	69641	WDR20	NM_027149_12_+_1
Dctn2	6.436	6.676	6.398	6.459	6.207	6.157	6.304	6.407	6.552	6.519	69654	DCTN2	NM_027151_10_+_1
Pir	7.582	8.472	-0.867	-0.091	-3.595	-1.932	-2.628	-0.218	-0.214	-0.389	69656	PIR	NM_027153_X_+_1
Tmbim1	5.431	5.216	5.723	5.684	3.224	2.404	4.750	5.063	5.595	5.875	69660	TMBIM1	NM_027154_1_-_1
2310061N02Rik	-4.981	-4.981	-4.461	-2.117	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	69661	NA	NM_027155_16_-_1
Ddx51	5.081	4.997	4.085	4.106	4.165	4.267	4.095	4.336	4.112	4.231	69663	DDX51	NM_027156_5_+_1
Ccdc115	6.331	5.677	6.118	6.114	5.961	5.770	5.852	5.817	6.320	6.165	69668	CCDC115	NM_027159_1_-_1
Tmem52	-4.981	-4.777	-4.522	-4.566	-4.962	-4.838	-4.668	-4.815	-4.981	-4.981	69671	TMEM52	NM_027161_4_+_1
Mif4gd	2.670	2.944	3.728	3.535	4.659	4.155	3.672	3.831	3.020	2.591	69674	MIF4GD	NM_027162_11_-_1
Lrrc27	-3.090	-3.408	-2.736	-3.939	-4.296	-4.678	-3.527	-3.841	-1.287	-4.316	76612	LRRC27	NM_027164_7_+_1

Ypel5	7.788	7.862	6.776	6.748	6.882	7.043	7.009	7.101	7.358	7.345	383295	YPEL5	NM_027166_17_+1
Hddc2	5.629	5.480	4.695	4.749	4.294	4.174	4.229	4.052	3.463	2.498	69692	HDDC2	NM_027168_10_+1
Camsap3	0.836	-0.562	-0.995	-2.239	-2.570	-0.061	-2.853	-2.195	-4.981	-4.156	69697	CAMSAP3	NM_027171_8_+1
Slc52a3	2.678	-3.893	-0.678	-4.446	-4.239	-4.205	-4.227	0.592	0.892	3.956	69698	SLC52A3	NM_027172_2_+1
Ndufaf1	4.995	4.931	4.588	4.563	4.637	4.287	4.269	4.286	3.617	3.509	69702	NDUFAF1	NM_027175_2_-1
Tecr	3.283	3.437	1.568	1.868	1.814	1.881	1.684	1.666	0.911	0.929	106529	TECR	NM_027179_8_-1
Arap1	-4.495	-4.258	0.142	1.615	-1.398	-1.134	0.316	0.951	5.785	6.398	69710	ARAP1	NM_027180_7_+1
Pin4	5.753	5.574	5.346	5.225	5.296	5.219	5.852	5.412	4.738	4.297	69713	PIN4	NM_027181_X_+1
Trip13	-0.003	0.667	2.492	2.813	2.758	2.025	2.495	2.174	0.853	0.512	69716	TRIP13	NM_027182_13_-1
Ipmk	3.366	3.640	3.994	3.949	3.911	3.815	4.594	4.671	6.593	6.682	69718	IPMK	NM_027184_10_+1
Def6	4.841	4.632	3.697	3.725	4.809	4.806	4.887	4.682	5.108	4.361	23853	DEF6	NM_027185_17_+1
Rpain	5.343	5.372	4.714	4.293	4.775	4.909	4.838	4.704	4.293	4.428	69723	RPAIN	NM_027186_11_+1
Rnaseh2a	5.626	5.433	4.792	4.501	4.635	4.746	4.934	4.927	4.362	4.029	69724	RNASEH2A	NM_027187_8_-1
Smyd3	4.243	4.278	3.333	3.359	4.054	3.727	3.870	3.632	3.697	3.125	69726	SMYD3	NM_027188_1_-1
Gemin7	6.454	6.539	6.203	5.959	5.903	5.943	5.980	6.066	5.729	5.511	69731	GEMIN7	NM_027189_7_-1
Nup37	4.071	3.917	3.267	3.436	3.689	3.304	3.368	3.547	2.853	2.981	69736	NUP37	NM_027191_10_+1
Ttl	0.836	2.251	1.441	2.662	0.885	2.741	0.338	2.799	0.468	2.431	69737	TTL	NM_027192_2_+1
Dph5	4.905	4.913	4.836	5.040	4.838	4.722	4.366	4.787	3.434	3.434	69740	DPH5	NM_027193_3_+1
Tm2d2	7.202	7.240	7.086	7.153	6.672	6.917	6.535	6.810	6.554	6.781	69742	TM2D2	NM_027194_8_+1
Casz1	-0.454	0.181	0.758	0.456	0.046	-0.591	0.220	-1.186	2.180	-1.417	69743	CASZ1	NM_027195_4_+1
Pold4	6.367	6.351	6.133	6.079	5.831	6.077	5.943	6.031	5.373	5.239	69745	POLD4	NM_027196_19_+1
Zswim7	3.903	4.407	3.570	3.714	3.467	3.866	4.038	3.343	2.939	2.553	69747	ZSWIM7	NM_027198_11_-1
Zfp511	5.483	5.620	5.249	5.317	5.227	5.372	4.867	4.831	4.083	4.122	69752	ZNF511	NM_027201_7_+1
Leng1	5.065	4.692	3.981	4.061	4.330	4.284	4.325	4.173	3.618	3.722	69757	LENG1	NM_027203_7_-1
Mrpl12	6.487	6.234	5.977	6.064	5.856	5.843	5.962	6.022	4.972	4.756	56282	MRPL12	NM_027204_11_+1
Tnfaip8l2	7.494	7.188	7.235	7.166	6.815	6.847	7.368	7.382	7.819	7.742	69769	TNFAIP8L2	NM_027206_3_-1
160002K03Rik	5.006	4.919	4.280	4.089	3.733	3.794	4.294	4.007	3.640	3.525	69770	C19orf24	NM_027207_10_+1
Ms4a6b	3.074	5.683	5.541	5.148	7.923	7.181	8.486	8.367	8.807	8.720	69774	NA	NM_027209_19_+1
Anxa13	-4.981	-4.981	-4.973	-2.632	-3.626	-2.604	-4.842	-4.582	-4.981	-4.981	69787	ANXA13	NM_027211_15_-1
Med30	6.431	6.407	6.077	5.881	7.052	6.384	6.438	5.860	4.926	4.900	69790	MED30	NM_027212_15_+1
Med6	5.459	5.413	4.254	4.193	4.415	4.674	4.597	4.543	4.049	4.035	69792	MED6	NM_027213_12_-1
Tmem147	8.115	8.085	6.568	6.578	6.935	7.035	6.739	6.776	6.082	6.114	69804	TMEM147	NM_027215_7_-1
Slc39a11	5.685	5.801	4.890	4.869	4.587	4.691	4.800	5.091	5.840	5.462	69806	SLC39A11	NM_027216_11_-1
1810046K07Rik	-4.981	-4.981	-4.866	-2.803	-4.716	-2.677	-4.626	-1.825	-4.981	-2.261	69809	C11orf53	NM_027217_9_-1
Clec4b1	-0.188	-0.919	-2.720	-0.687	0.548	1.727	3.881	4.912	1.532	2.503	69810	CLEC4B	NM_027215_7_+1
Cdc42ep1	-4.981	-4.981	-2.475	-3.212	-4.875	-4.155	-4.096	-2.676	-4.981	-2.480	104445	CDC42EP1	NM_027219_15_+1
Prss32	-4.981	-4.981	-3.444	-2.658	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	69814	NA	NM_027220_17_+1
Krtcap3	-0.297	-0.671	3.159	3.863	2.091	2.676	1.426	1.273	-0.130	-0.797	69815	KRTCAP3	NM_027221_5_+1
Mzb1	8.362	8.254	0.388	3.386	1.172	4.651	4.467	7.547	-1.032	0.760	69816	MZB1	NM_027222_18_-1
Cinp	0.290	1.341	-0.135	-0.470	-0.430	-0.264	0.642	-0.289	0.502	-0.586	67236	CINP	NM_027223_12_-1
Coall1	4.002	3.560	0.726	1.389	-1.536	-0.115	-0.755	0.662	-2.143	-2.158	319876	COALL1	NM_027225_2_-1
Fyttl1	4.812	5.244	6.066	6.263	5.556	5.660	5.275	5.333	4.625	5.191	69823	FYTTL1	NM_027226_16_+1
Zmynd8	1.582	1.276	0.580	-1.680	2.079	0.837	0.218	-0.772	2.167	1.252	228880	ZMYND8	NM_027230_2_-1
Polr2f	5.856	5.916	5.298	5.300	5.268	5.536	5.786	5.719	4.979	4.639	69833	POLR2F	NM_027231_15_+1
Eif1ad	6.483	6.047	5.611	5.706	5.802	5.650	5.606	5.389	4.966	4.481	69860	EIF1AD	NM_027236_19_+1
Ttc39b	-0.018	-2.108	5.453	5.547	4.588	4.626	4.447	4.073	2.142	2.409	69863	TTTC39B	NM_027238_4_-1
1810065E05Rik	4.487	1.353	-3.832	-3.478	-4.936	-4.936	-4.932	-4.899	-4.981	-4.981	69864	NA	NM_027239_11_+1
Pplr3gl	2.262	2.425	0.476	1.488	0.884	1.996	1.060	1.838	2.438	2.665	69870	POLR3GL	NM_027241_3_-1
Ppp1r35	4.680	4.794	4.220	4.089	4.171	4.093	4.265	4.218	4.033	3.787	69871	PPP1R35	NM_027242_5_+1
Ndufa11	7.691	7.608	6.421	6.460	6.593	6.682	6.978	6.857	6.362	6.078	69875	NDUFA11	NM_027244_17_+1
Snrpf	6.777	6.487	6.807	6.400	6.599	6.332	6.857	6.346	4.924	4.474	69878	SNRPF	NM_027246_10_-1
Zfp219	1.513	-3.614	1.178	-0.319	-4.361	-2.411	-3.966	1.068	-4.225	-4.533	69890	ZNF219	NM_027248_14_-1
Tlcd2	5.258	6.215	3.846	4.697	3.021	4.496	2.235	3.926	1.244	3.023	380712	TLCD2	NM_027249_11_+1
Coa7	3.973	4.132	3.692	3.703	3.312	3.395	3.447	3.568	3.403	3.155	69893	COA7	NM_027250_4_+1
2010107G23Rik	-2.388	-1.991	-2.634	-1.322	-0.989	1.055	-3.849	-2.690	-4.981	-4.981	69894	C10orf35	NM_027251_10_-1
Ints4	5.230	5.267	5.926	5.770	5.382	5.217	5.154	5.436	4.618	4.965	101861	INTS4	NM_027256_7_+1
Nabp2	5.980	5.752	5.287	5.275	5.553	5.395	5.349	5.309	5.026	4.656	69917	NABP2	NM_027257_10_-1
Rnf157	3.874	3.720	5.013	3.311	2.981	1.731	2.703	2.374	2.664	0.401	217340	RNF157	NM_027258_11_-1
Polr2i	5.863	5.693	4.904	4.790	4.533	4.679	5.141	4.945	4.266	4.140	69920	POLR2I	NM_027259_7_+1
Vrk2	5.848	5.564	7.538	7.451	6.831	6.896	6.358	6.089	5.625	6.000	69922	VRK2	NM_027260_11_-1
Taf1d	4.780	3.673	3.766	4.002	3.541	3.353	3.524	3.360	2.207	2.747	75316	TAF1D	NM_027261_9_+1
Apitd1	0.752	1.578	2.268	2.359	3.120	2.939	2.564	2.806	-0.223	-0.085	69928	APITD1-CORT CENIN	NM_027263_4_-1
Zfp715	3.470	2.962	3.117	3.192	3.445	3.644	3.690	3.478	3.812	4.169	69930	ZNF715	NM_027264_7_-1
Trmt10b	3.043	3.385	3.020	3.247	3.259	3.261	3.029	3.310	2.380	2.597	69934	TRMT10B	NM_027266_4_+1
Scrn1	4.562	0.549	-3.105	-4.972	-4.981	-4.981	-4.956	-4.969	-4.981	-4.981	69938	SCRN1	NM_027268_6_-1
Dnaaf2	4.287	3.915	3.806	3.770	4.038	3.851	3.916	3.991	3.598	3.120	109065	DNAAF2	NM_027269_12_-1
Exoc1	-1.667	-4.155	-4.559	-4.742	-4.659	-4.928	-4.320	-4.768	-2.383	-4.916	69940	EXOC1	NM_027270_5_+1
D3Ertcd751e	-0.398	-4.854	-0.809	0.323	-3.568	-2.847	-2.569	-0.182	-1.217	-4.434	73852	C4orf33	NM_027271_3_+1
Ptcd3	4.753	5.253	5.170	5.242	4.959	5.114	4.862	4.833	4.505	4.447	69956	PTCD3	NM_027275_6_-1
Cdc16	5.874	6.037	5.265	5.462	5.294	5.179	5.142	5.397	5.586	5.549	69957	CDC16	NM_027276_8_+1
Rpp25l	5.090	5.145	4.073	4.117	3.936	3.826	4.213	4.093	3.648	3.488	69961	RPP25L	NM_027278_4_-1
Mettl18	4.012	4.029	2.229	2.574	2.010	1.982	2.021	2.059	1.793	1.390	69962	METTL18	NM_027279_1_+1
Nkd1	-2.273	-4.528	-4.977	-4.973	-2.047	-3.260	-4.459	-4.993	-4.918	-4.903	93960	NKD1	NM_027280_8_+1
Spaca9	5.234	5.189	-0.619	-1.107	-3.514	-3.770	-0.235	0.888	1.682	1.999	69987	SPACA9	NM_027283_2_-1

Ace2	-4.981	-4.981	0.119	0.532	-4.932	-3.286	-4.918	-4.923	-4.981	-4.981	70008	ACE2	NM_027286_X_+1
Dnajb4	-0.098	0.637	-0.135	0.110	0.565	0.794	1.268	0.964	0.679	1.144	67035	DNAJB4	NM_027287_3_-1
Manba	4.752	4.853	4.477	3.832	4.486	4.152	4.545	4.628	5.859	5.592	110173	MANBA	NM_027288_3_+1
Nt5dc2	-0.079	1.317	0.964	2.054	2.804	2.916	1.445	2.933	3.778	3.436	70021	NT5DC2	NM_027289_14_+1
Mcm10	-1.805	-2.895	1.885	1.943	2.462	1.814	1.533	2.087	1.284	1.007	70024	MCM10	NM_027290_2_-1
Tspo2	-4.981	-4.981	-1.942	-0.155	-1.404	-0.400	-0.378	-0.201	-3.531	-3.166	70026	TSP02	NM_027292_17_-1
Dopey2	3.766	3.817	4.207	3.925	3.836	3.625	3.912	3.767	4.368	4.587	70028	DOPEY2	NM_027293_16_+1
Cmtm8	0.542	0.652	2.950	3.201	1.481	1.788	1.574	1.016	-1.702	-0.464	70031	CMTM8	NM_027294_9_-1
Rab28	5.641	5.754	5.053	4.884	4.984	4.836	4.911	4.839	4.925	4.686	100972	RAB28	NM_027295_5_-1
Trnt1	4.904	4.850	4.285	4.283	4.398	4.309	4.753	4.447	4.500	4.561	70047	TRNT1	NM_027296_6_+1
Prpf4	4.406	4.360	4.454	4.437	4.703	4.621	4.614	4.667	4.283	4.200	70052	PRPF4	NM_027297_4_+1
Ccdc89	-4.981	-4.981	-3.046	-1.519	-3.330	-1.940	-3.983	-2.631	-2.022	-1.778	70054	CCDC89	NM_027298_7_+1
Golm1	0.189	-0.370	-0.383	-0.727	-2.061	-1.403	-0.659	0.744	0.384	0.971	105348	GOLM1	NM_027307_13_-1
Igsf23	-1.455	-1.264	-3.804	-1.405	-4.967	-3.196	-2.525	-1.394	-2.989	-1.509	70080	IGSF23	NM_027308_7_-1
Lysmd2	5.616	5.953	3.087	3.112	7.079	7.502	4.713	3.989	-3.088	-4.227	70082	LYSMD2	NM_027309_9_+1
Meaf6	3.533	3.578	3.635	3.612	3.410	3.469	3.218	2.644	1.811	1.912	70088	MEAF6	NM_027310_4_+1
March5	6.199	6.215	6.201	6.487	5.959	6.372	6.093	6.019	6.034	6.059	69104	MARCH5	NM_027314_19_+1
Ube2q1	5.900	5.921	6.603	6.592	6.727	6.604	6.607	6.258	6.331	6.331	70093	UBE2Q1	NM_027315_3_+1
Znhit1	5.343	5.141	4.435	4.500	4.155	4.433	5.170	4.865	5.608	5.025	70103	ZNHT1	NM_027318_5_-1
Ifi35	7.597	7.643	7.560	7.724	7.506	7.529	7.032	7.030	6.567	6.334	70110	IFI35	NM_027320_11_+1
Lrrc39	-0.223	-1.390	-2.779	-2.117	-1.743	-3.040	-1.670	-2.036	-1.625	-2.001	109245	LRRC39	NM_027321_3_+1
Prrg1	-3.926	-4.981	-3.734	-4.353	-1.589	-3.420	-2.835	-4.512	-0.790	-1.240	546336	PRRG1	NM_027322_X_-1
Srrd	4.907	4.418	4.396	4.424	4.470	4.536	4.063	4.196	3.841	3.620	70118	SRRD	NM_027323_5_-1
Sfxn1	6.222	6.370	6.315	6.464	5.496	5.792	5.185	5.634	4.326	4.244	14057	SFXN1	NM_027324_13_+1
Mllt3	1.144	1.248	3.877	4.063	-0.036	1.163	1.453	3.307	2.202	2.413	70122	MLLT3	NM_027326_4_-1
2210013O21Rik	5.015	5.375	5.902	5.683	5.943	5.833	5.993	5.506	4.390	4.378	70123	NA	NM_027327_X_+1
Prpf31	5.984	5.718	5.791	5.742	5.696	5.790	5.736	5.750	5.593	5.093	68988	PRPF31	NM_027328_7_+1
Rpf1	3.661	2.791	2.311	1.776	2.641	2.515	2.453	2.002	2.009	1.850	70285	RPF1	NM_027332_3_-1
Mettl7a1	4.114	4.675	4.144	3.948	3.957	4.268	4.766	4.541	4.845	5.002	70152	METTL7A	NM_027334_15_+1
2210016F16Rik	7.302	7.236	6.622	6.928	6.294	6.623	6.229	6.387	5.849	5.997	70153	C9orf64	NM_027335_13_-1
Vps36	5.667	5.519	6.073	6.017	5.549	5.380	5.879	5.593	5.231	5.300	70160	VPS36	NM_027338_8_+1
Lipn	-3.563	-4.981	-4.981	-4.981	-4.976	-4.887	-4.958	-4.941	-4.981	-2.431	70166	LIPN	NM_027340_19_+1
Dzip3	2.615	3.306	2.076	2.874	1.821	1.363	1.984	2.116	1.278	1.978	224170	DZIP3	NM_027341_16_-1
Fam162a	5.525	5.463	5.318	5.688	5.070	5.363	5.212	5.386	3.252	3.560	70186	FAM162A	NM_027342_16_-1
Taco1	2.234	2.576	2.499	2.229	2.033	2.171	2.216	2.088	1.972	2.364	70207	TACO1	NM_027346_11_+1
Med23	3.189	3.863	3.503	3.962	3.942	3.783	3.880	3.942	3.846	4.192	70208	MED23	NM_027347_10_+1
Pmvk	1.954	3.342	0.755	-1.159	1.852	2.099	0.850	0.301	-1.008	-1.321	68603	PMVK	NM_027348_3_+1
Rbm25	7.701	7.812	7.800	7.655	7.943	7.957	7.687	7.411	6.761	6.682	67039	NA	NM_027349_12_+1
Nars	5.432	5.545	6.060	5.926	5.483	5.282	5.944	5.106	5.741	5.720	70223	NARS	NM_027350_18_-1
Ppil3	3.969	4.439	3.037	2.990	2.891	3.161	3.404	2.904	1.555	1.681	70225	PPIL3	NM_027351_1_-1
Gorasp2	7.322	7.192	6.934	6.944	6.457	6.374	6.638	6.834	7.123	7.082	70231	GORASP2	NM_027352_2_+1
Cd2bp2	5.267	4.961	4.948	5.026	5.578	5.258	5.185	4.994	4.967	4.429	70233	CD2BP2	NM_027353_7_-1
Poc1a	2.076	2.841	2.233	2.147	3.188	2.473	2.457	2.026	2.362	1.499	70235	POC1A	NM_027354_9_+1
Rnf168	4.474	4.216	4.112	3.952	4.743	4.485	4.618	4.426	4.278	4.619	70238	RNF168	NM_027355_16_+1
Ufsp1	2.184	1.757	-0.696	0.151	0.716	0.216	0.480	-0.077	0.880	-0.269	70240	UFSP1	NM_027356_5_+1
Psmd1	6.319	6.473	6.918	7.148	6.670	6.655	6.578	6.819	6.481	6.713	70247	PSMD1	NM_027357_1_+1
2010107E04Rik	7.719	7.462	7.267	7.313	6.978	7.036	7.184	6.937	6.179	6.099	70257	C14orf2	NM_027360_12_-1
Chp2	-2.147	-4.981	-4.278	-4.929	-3.687	-4.867	-3.247	-2.602	-2.569	-4.981	70261	CHP2	NM_027363_7_+1
Rpf1	6.434	6.460	5.664	5.646	5.766	5.611	5.694	5.395	5.176	4.901	70285	RPF1	NM_027371_3_-1
Alkbh7	-0.229	0.856	-0.334	-1.336	-0.754	-0.671	-1.283	-1.198	-0.850	-0.577	66400	ALKBH7	NM_027372_17_+1
Afap1	-0.603	-0.849	3.430	3.009	0.614	0.880	-0.438	0.968	2.449	2.609	70292	AFAP1	NM_027373_5_+1
Ppil3	-0.343	-0.157	-0.004	-1.501	-1.015	-2.754	-0.465	-1.626	-0.891	-1.361	70225	PPIL3	NM_027374_1_-1
Gcc2	5.131	5.194	5.582	5.397	5.231	5.363	5.265	4.989	4.129	4.244	70297	GCC2	NM_027375_10_+1
Fuz	3.503	3.524	2.420	2.510	2.960	3.369	2.496	2.813	2.294	2.086	70300	FUZ	NM_027376_7_+1
Far1	6.193	6.276	7.260	7.338	7.111	7.148	6.863	7.128	7.422	8.293	67420	FAR1	NM_027379_7_+1
Cactin	4.034	4.261	4.110	4.106	4.404	4.203	4.399	4.474	5.081	4.683	70312	CACTIN	NM_027381_10_+1
Hdac8	3.445	2.832	3.239	3.093	3.262	3.186	3.005	3.011	2.779	2.684	70315	HDAC8	NM_027382_X_-1
Tet1	0.847	2.296	0.263	-0.751	1.203	-3.220	-0.320	-1.230	-1.569	-2.076	52463	TET1	NM_027384_10_-1
Pigw	-0.675	-1.904	0.687	0.467	-1.181	0.078	-1.299	-2.516	-1.142	-0.742	70325	PIGW	NM_027388_11_-1
Gon4l	4.229	4.062	3.054	2.846	3.954	4.316	3.836	2.433	2.667	0.435	76022	GON4L	NM_027389_3_+1
Ube2cbp	-0.332	0.470	0.873	0.387	0.362	0.118	0.519	0.621	-2.100	-0.890	70348	UBE3D	NM_027394_9_-1
Basp1	5.148	5.400	6.328	6.767	6.464	6.763	5.727	5.234	0.459	0.337	70350	BASP1	NM_027395_15_-1
Isl2	-4.981	-4.981	-4.007	-4.341	-4.929	-3.449	-4.958	-4.931	-4.981	-4.981	104360	ISL2	NM_027397_9_+1
Lman1	5.433	5.687	4.530	4.714	3.928	4.270	4.696	5.426	5.545	6.016	70361	LMAN1	NM_027400_18_-1
Fndc5	-0.883	-1.569	5.648	5.989	2.668	4.580	-0.199	0.525	-2.871	-3.510	384061	FNDC5	NM_027402_4_+1
Bag5	5.611	5.303	5.239	5.002	5.021	4.628	5.106	5.091	5.247	5.075	70369	BAG5	NM_027404_12_-1
Gpatch2l	3.482	3.382	4.481	4.402	4.974	4.846	4.869	4.466	5.229	5.148	70373	GPATCH2L	NM_027405_12_+1
Aldh11l	-0.387	0.020	-2.042	-1.741	-2.377	-1.952	-1.829	-0.876	-0.764	-1.514	107747	ALDH11L	NM_027406_6_+1
Ica1l	-1.445	-2.275	-0.155	0.967	-3.350	-1.976	-2.128	-1.362	-0.894	-0.299	70375	ICA1L	NM_027407_1_-1
Mospd1	-0.082	1.471	1.686	-0.158	-0.027	-0.451	-0.817	-0.154	0.098	0.896	70380	MOSPD1	NM_027409_X_-1
Tecpr1	3.699	3.760	2.937	3.028	3.162	3.205	3.443	3.582	3.685	3.591	70381	TECPR1	NM_027410_5_-1
Spdl1	-0.167	-0.423	2.350	2.448	2.842	2.239	1.737	1.767	0.069	-0.894	70385	SPDL1	NM_027411_11_-1
Ttc9c	4.668	4.615	6.332	6.266	5.674	5.722	5.355	5.314	5.011	5.123	70387	TTC9C	NM_027412_19_-1
Lrrc28	1.780	2.045	0.887	0.034	0.951	0.635	1.134	0.057	0.564	0.590	67867	LRRC28	NM_027413_7_-1

Tmem70	5.910	6.053	6.383	6.457	5.378	5.763	5.349	5.471	4.632	4.852	70397	TMEM70	NM_027415_1_+1
Calml3	-1.428	-0.146	-4.981	-4.981	-4.968	-4.968	-4.981	-4.981	-4.981	-4.981	70405	CALML3	NM_027416_13_-1
Mapk6	2.140	1.473	2.240	-0.241	3.007	0.399	2.257	1.907	1.959	2.634	50772	MAPK6	NM_027418_9_-1
2810408A11Rik	-0.760	-1.457	0.232	0.286	1.447	1.425	0.527	-1.003	-1.236	-1.481	70419	NA	NM_027419_11_-1
Arpin	-2.604	-2.895	6.127	6.669	3.537	3.159	2.812	1.392	-1.506	-0.683	70420	ARPIN C15orf38-AINM	NM_027420_7_-1
Ints2	2.520	2.333	3.314	3.337	3.023	3.411	2.700	3.177	2.496	2.658	70422	INTS2	NM_027421_11_-1
Mier2	3.129	3.318	4.261	4.406	4.001	3.821	3.772	4.083	3.620	3.664	70427	MIER2	NM_027422_10_-1
Polr3b	4.397	4.555	4.049	3.789	4.190	4.147	4.185	4.367	4.718	4.834	70428	POLR3B	NM_027423_10_+1
Rufy2	4.693	4.426	4.888	4.533	5.070	5.043	4.629	4.456	4.298	4.353	70432	RUFY2	NM_027425_10_+1
Draxin	-1.626	-4.981	-2.881	-4.363	-3.196	-4.163	-3.016	-4.968	-1.177	-4.981	70433	DRAXIN	NM_027426_4_-1
Taf15	2.226	2.067	3.053	2.257	2.833	2.806	2.287	1.239	0.622	0.941	70439	TAF15	NM_027427_11_+1
Mpc2	7.151	7.020	7.515	7.597	6.866	6.988	7.167	6.887	6.295	6.271	70456	MPC2	NM_027430_1_+1
Wdr77	5.411	5.535	5.730	5.728	5.576	5.462	5.272	5.366	4.584	4.849	70465	WDR77	NM_027432_3_+1
Rprd1b	2.589	3.106	3.820	3.808	3.827	3.410	3.518	3.581	4.033	3.720	70470	RPRD1B	NM_027434_2_+1
Atad2	2.689	3.275	4.812	5.077	5.393	5.300	4.889	5.072	3.995	4.892	70472	ATAD2	NM_027435_15_-1
Mipep	3.788	4.113	4.194	4.236	3.734	3.921	3.233	3.839	3.357	3.715	70478	MPEP	NM_027436_14_+1
Pnma1	1.189	1.586	-1.164	-1.648	-0.308	-0.899	-1.677	-3.173	-1.639	-2.557	70481	PNMA1	NM_027438_12_-1
Atp6ap2	8.761	8.749	7.994	7.988	7.529	7.717	7.717	7.730	7.459	7.791	70495	ATP6AP2	NM_027439_X_+1
Bbx	5.416	5.390	5.815	5.221	5.736	5.642	5.428	5.125	5.028	5.134	70508	BBX	NM_027444_16_-1
Rnf167	7.450	7.533	7.099	7.141	7.285	7.442	6.654	6.773	6.336	6.196	70510	RNF167	NM_027445_11_+1
Eef2kmt	5.674	5.492	5.015	5.082	4.254	4.512	4.525	4.710	4.431	4.057	70511	EEF2KMT	NM_027446_16_-1
Lca5	3.354	2.949	-1.398	-1.784	0.341	0.959	-1.213	0.057	-0.274	0.782	75782	LCA5	NM_027448_9_-1
Glipr2	4.913	4.312	6.169	6.953	2.798	4.160	5.170	5.940	8.135	7.999	384009	GLIPR2	NM_027450_4_+1
Btf3l4	6.413	6.378	6.059	5.845	6.120	5.824	6.008	5.722	5.706	5.293	70533	BTF3L4	NM_027453_4_-1
Qpct	-4.981	-4.981	4.417	0.339	0.091	-1.629	2.451	2.330	4.109	3.529	70536	QPCT	NM_027455_17_+1
Arm9	2.142	1.936	1.550	0.822	2.633	2.051	1.468	1.547	1.324	1.094	78795	ARM9	NM_027456_1_+1
Tmem242	5.945	6.260	4.284	5.713	4.388	5.385	4.318	5.565	3.909	4.753	70544	TMEM242	NM_027457_17_-1
Slc25a33	3.864	3.817	0.990	2.233	2.381	2.564	2.865	3.002	2.091	2.279	70556	SLC25A33	NM_027460_4_-1
Wars2	4.586	4.369	3.096	2.394	2.611	2.952	2.602	2.551	2.829	2.587	70560	WARS2	NM_027462_3_+1
Fam213a	2.442	2.146	2.220	3.355	1.739	3.450	1.159	3.543	-0.004	1.362	70564	FAM213A	NM_027464_14_-1
Cpm	-1.001	-3.408	-2.742	-0.810	-1.756	0.080	0.102	1.603	-1.773	-0.770	70574	CPM	NM_027468_10_+1
Gfod2	0.378	1.576	0.654	0.512	-1.123	-1.067	-1.639	-0.415	-3.531	-2.988	70575	GFOD2	NM_027469_8_-1
Pak4	3.212	3.264	4.126	3.773	3.347	3.388	3.928	4.070	4.752	4.541	70584	PAK4	NM_027470_7_-1
5730455P16Rik	3.957	3.807	4.285	4.140	4.260	4.127	3.988	3.974	3.943	4.252	70591	C17orf75	NM_027472_11_-1
Ecd	6.371	6.528	5.817	6.131	5.634	6.008	5.277	5.731	5.429	5.664	70601	ECD	NM_027475_14_-1
Zdhc24	1.945	3.044	1.973	2.966	2.081	3.246	1.965	2.813	1.958	3.251	70605	ZDHC24	NM_027476_19_+1
Zfp398	3.885	3.526	4.454	4.727	3.656	3.780	3.242	3.449	3.031	3.205	272347	ZNF398	NM_027477_6_+1
Tmem230	6.705	6.802	5.638	6.187	5.747	6.165	5.566	5.926	4.902	5.553	70612	TMEM230	NM_027478_2_-1
Ankrd24	1.227	1.915	-0.118	0.884	0.200	0.741	0.656	0.717	-0.458	-0.048	70615	ANKRD24	NM_027480_10_+1
Sugp1	5.441	5.411	5.112	5.225	5.309	5.276	5.245	5.075	5.122	4.763	70616	SUGP1	NM_027481_8_+1
5730508B09Rik	5.995	6.377	5.441	5.457	4.138	4.639	4.523	4.978	5.291	5.339	70617	C4orf32	NM_027482_3_-1
Med26	3.112	2.925	3.069	3.025	3.306	3.012	3.099	2.967	3.796	3.693	70625	MED26	NM_027485_8_-1
Ccdc53	0.483	0.711	0.534	-0.114	-0.679	-1.248	-1.406	-0.742	-0.984	-1.808	67282	CCDC53	NM_027487_10_+1
Dcp2	4.356	4.041	5.107	4.805	4.882	4.715	4.745	4.159	3.739	3.541	70640	DCP2	NM_027490_18_+1
Rragd	-2.413	0.910	1.505	1.924	0.676	0.933	-2.300	-0.274	-1.591	-0.497	52187	RRAGD	NM_027491_4_+1
Actr8	5.481	5.523	5.095	5.058	5.214	5.239	4.970	5.182	5.398	5.190	56249	ACTR8	NM_027493_14_+1
Zcchc8	4.634	4.615	4.969	4.740	5.271	5.110	5.366	5.092	5.530	5.527	70650	ZCCHC8	NM_027494_5_-1
Tmem144	1.088	0.818	-0.372	0.114	-1.128	-1.288	-0.146	-0.734	-1.540	-1.372	70652	TMEM144	NM_027495_3_-1
Ankrd33b	-1.792	-4.981	-3.109	-4.874	-3.049	-4.961	-4.545	-4.825	-3.560	-3.054	67434	ANKRD33B	NM_027496_15_-1
Epc1	3.387	3.166	3.640	3.359	3.795	3.712	3.375	3.174	3.827	3.829	13831	EPC1	NM_027497_18_-1
Sik3	3.531	3.396	3.194	3.324	3.492	3.257	3.263	3.274	4.678	4.614	70661	SIK3	NM_027498_9_+1
4933434E20Rik	1.419	0.694	1.064	1.141	2.557	2.178	1.204	2.082	1.979	1.786	99650	C1orf43	NM_027500_3_+1
Prdm16	-4.488	-4.981	-4.265	-4.624	-3.221	-0.369	-3.523	-3.342	-2.685	-4.953	70673	PRDM16	NM_027504_4_-1
3830403N18Rik	0.701	2.160	2.414	1.025	1.394	0.892	1.795	1.417	0.568	0.949	70691	NA	NM_027510_X_+1
Nup205	3.391	3.560	4.119	4.291	4.462	4.222	4.168	4.359	4.186	4.251	70699	NUP205	NM_027513_6_+1
Pvr	3.475	4.028	3.698	5.272	1.532	2.462	2.940	3.831	2.742	4.277	52118	NA	NM_027514_7_-1
Gpr137c	-2.336	-1.518	-1.780	-2.343	-1.505	-2.275	-1.866	-2.898	-1.537	-1.930	70713	GPR137C	NM_027518_14_+1
Medag	-4.981	-4.981	-3.811	-4.972	-2.315	-4.454	-4.804	-4.333	-3.618	-4.209	70717	MEDAG	NM_027519_5_+1
Hmha1	-4.793	-4.627	-4.741	-3.641	-3.528	-2.879	-2.408	-4.638	1.361	-1.811	70719	ARHGAP45	NM_027521_10_+1
Rasgef1a	-2.686	-4.981	-2.103	-0.788	-1.496	-1.912	-4.835	-2.605	-2.333	-2.152	70727	RASGEF1A	NM_027526_6_+1
Nos1ap	-0.543	-0.866	-3.496	-3.516	-2.408	-2.441	-1.559	-3.460	-0.911	-2.257	70729	NA	NM_027528_1_-1
6330409D20Rik	-3.099	-4.981	-2.600	-3.837	-2.712	-4.578	-4.038	-4.411	-3.196	-3.527	70730	NA	NM_027529_2_-1
Rufy3	-4.254	-4.543	-4.105	-3.369	-3.334	-3.703	-3.372	-4.062	-1.376	-2.604	52822	RUFY3	NM_027530_5_+1
Anapc15	4.027	3.994	4.405	4.753	3.299	3.261	3.115	2.981	2.410	2.396	75430	NA	NM_027532_7_+1
Tspan2	3.803	0.985	3.249	3.216	5.154	4.944	3.930	3.314	1.789	1.983	70747	TSPAN2	NM_027533_3_+1
Kdsr	4.980	5.351	4.052	4.078	3.918	4.188	4.127	4.355	4.483	4.517	70750	KDSR	NM_027534_1_-1
Dclk2	-1.459	-2.361	0.677	0.386	-3.677	-1.519	-2.499	-2.918	-4.950	-3.718	70762	DCLK2	NM_027539_3_-1
Prpf3	4.061	4.344	4.468	4.495	4.697	4.563	4.447	4.324	4.130	4.036	70767	PRPF3	NM_027541_3_-1
Ggnbp1	-1.129	-1.711	-3.445	-4.115	-1.423	-0.908	-2.172	-1.994	-4.981	-4.981	70772	NA	NM_027544_17_+1
Cwf19l2	4.860	4.912	4.575	4.580	4.809	4.962	4.915	4.608	4.091	4.605	244672	CRWF19L2	NM_027545_9_+1
Prdm5	-0.597	-1.488	-2.554	-0.739	-3.367	-3.591	-4.496	-3.643	-2.064	-3.449	70779	PRDM5	NM_027547_6_+1
Serpib7	-1.442	-4.981	-0.132	-0.255	3.068	3.348	1.341	0.719	-4.190	-0.884	116872	SERPINB7	NM_027548_1_+1
Klhl30	-0.672	0.787	-4.981	-4.981	-4.978	-4.411	-4.923	-4.388	-4.981	-4.981	70788	KLHL30	NM_027551_1_+1
Kynu	6.444	6.711	5.604	5.625	6.370	6.178	5.749	4.827	2.585	2.319	70789	KYNU	NM_027552_2_+1

Usp38	4.490	4.008	4.885	4.411	4.678	4.336	4.573	4.269	5.159	4.899	74841	USP38	NM_027554_8_-1
Cep192	4.703	4.772	4.656	4.562	4.337	4.133	4.133	4.041	4.305	4.234	70799	CEP192	NM_027556_18_+1
Pwwp2a	3.699	3.931	3.292	3.451	3.226	3.540	2.974	3.020	2.539	3.263	70802	PWWP2A	NM_027557_11_+1
Pgrmc2	4.570	4.665	4.226	4.182	3.988	3.911	4.032	4.243	4.268	4.263	70804	PGRMC2	NM_027558_3_-1
Cfap43	-1.294	-0.228	0.148	-0.001	-0.001	-1.765	0.208	-2.199	-1.173	-0.522	100048534	CFAP43	NM_027559_19_-1
Arrdc2	4.338	4.397	4.803	4.526	5.573	5.512	5.732	5.474	4.961	4.989	70807	ARRDC2	NM_027560_8_-1
Clec2g	-4.981	-4.160	-4.676	-4.880	-3.702	-2.786	-3.440	-2.057	-4.942	-1.686	70809	NA	NM_027562_6_+1
4921507P07Rik	-4.981	-4.981	-2.235	-0.644	-3.612	-3.026	-1.320	-1.544	-1.093	-2.446	70821	C7orf31	NM_027564_6_-1
Spag9	5.694	4.923	6.509	5.994	6.198	6.027	5.807	5.332	5.107	4.976	70834	SPAG9	NM_027569_11_+1
Ldhd	-1.978	-3.267	-0.361	0.255	-4.039	-2.104	-3.796	-1.823	-3.109	-3.498	52815	LDHD	NM_027570_8_-1
P2ry12	5.648	5.782	2.061	1.846	1.134	0.815	2.917	3.598	3.204	3.753	70839	P2RY12	NM_027571_3_-1
Krt28	-4.981	-1.620	-4.981	-4.981	-3.729	-3.184	-4.237	-4.975	-4.981	-4.981	70843	KRT28	NM_027574_11_-1
Cd200r3	-4.981	-4.981	-3.165	-4.556	-1.785	-4.962	0.651	-3.802	-4.981	-4.981	74603	NA	NM_027578_16_+1
Lrrc63	-2.090	0.127	-0.860	0.290	-0.057	0.256	-0.172	-0.417	-1.501	-0.027	70859	LRRC63	NM_027581_14_-1
Cnbd2	1.507	2.600	1.806	1.029	1.973	1.504	2.597	1.083	2.316	1.354	70873	CNBD2	NM_027585_2_+1
Micalcl	-4.981	-4.981	-1.525	-0.609	-1.976	-1.866	-1.819	-4.098	-2.396	-1.614	100504195	MICALCL	NM_027587_7_+1
Ints10	3.621	4.688	4.218	4.728	4.410	4.933	4.039	4.836	4.185	4.726	70885	INTS10	NM_027590_8_+1
Ak6	5.326	5.234	4.911	4.988	4.185	4.160	4.884	4.627	3.819	4.026	102216272	AK6	NM_027592_13_+1
Nsun7	-4.981	-4.981	-2.645	-4.262	-4.885	-4.949	-4.883	-4.978	-4.981	-4.981	70918	NSUN7	NM_027602_5_+1
Usp15	5.863	5.662	5.855	5.745	5.264	5.345	5.585	5.602	5.874	6.076	14479	USP15	NM_027604_10_-1
Mmnr1	-4.981	-1.973	-4.051	-2.157	-2.676	-3.133	-4.447	-3.822	-0.485	-0.899	70945	MMNR1	NM_027613_6_+1
Wdr20rt	-4.981	-4.981	-4.981	-4.981	-4.285	-4.576	-3.969	-4.487	-3.574	-3.221	70948	NA	NM_027614_12_+1
Spata1	2.173	2.423	0.825	1.019	0.777	0.896	-0.181	0.822	0.450	1.295	70951	SPATA1	NM_027617_3_-1
Ttc14	5.407	5.622	2.833	4.019	2.932	3.468	2.690	2.510	3.154	3.495	67120	TTC14	NM_027619_3_+1
Psd3	-4.981	-4.981	-3.438	-4.550	-3.656	-4.219	-4.885	-4.912	-3.955	-4.981	234353	PSD3	NM_027626_8_-1
Eva1c	-4.981	-2.239	-3.592	-3.290	-4.975	-4.942	-4.908	-3.909	-4.981	-4.981	70967	EVA1C	NM_027627_16_+1
Pgm2l1	2.490	2.549	2.247	1.627	1.381	1.415	2.135	1.787	2.353	3.165	70974	PGM2L1	NM_027629_7_+1
Fancd2os	-0.644	-0.823	-3.173	-3.141	-2.971	-3.100	-2.041	-3.351	-3.531	-4.316	70979	FANCD2OS	NM_027633_6_-1
Spef1	-0.745	0.289	-1.162	-0.581	-2.965	-3.060	-0.522	-0.740	0.798	0.746	70997	SPEF1	NM_027641_2_-1
Phf6	5.036	5.203	4.901	4.894	5.188	5.226	4.958	4.700	3.971	4.235	70998	PHF6	NM_027642_X_+1
Naa40	4.287	3.955	4.783	4.979	5.246	5.000	5.245	5.025	5.347	4.974	70999	NAA40	NM_027643_19_-1
Prss41	-4.981	-2.997	-4.966	-3.917	-4.501	-4.386	-4.970	-4.734	-4.981	-3.510	71003	PRSS41	NM_027644_17_-1
Spats1	-2.647	-4.981	-2.020	-0.758	-1.747	-0.852	-3.486	-3.803	-4.190	-4.981	71020	SPATS1	NM_027649_17_-1
Tmem30c	-1.194	-0.830	-4.495	-4.958	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	71027	NA	NM_027651_16_-1
Ept1	2.719	2.043	4.190	4.045	2.728	2.991	3.002	3.605	3.431	3.746	28042	SELENOI	NM_027652_5_+1
Pcgf6	3.448	3.892	3.407	3.398	3.329	3.616	2.769	3.204	1.115	1.162	71041	PCGF6	NM_027654_19_-1
Zbtb46	-4.981	-4.981	3.374	3.076	2.964	2.636	2.066	0.916	-1.636	-0.408	72147	ZBTB46	NM_027656_2_-1
Hexim2	0.374	-0.106	-1.811	-0.270	-1.976	0.367	0.260	0.076	-1.655	0.198	71059	HEXIM2	NM_027658_11_+1
Adam30	-2.948	-1.941	-4.981	-4.981	-3.952	-2.899	-4.984	-4.509	-1.293	-4.981	71078	ADAM30	NM_027665_3_+1
Arhgap19	1.694	-2.230	2.148	2.930	3.201	2.640	3.259	3.366	3.337	3.188	71085	ARHGAP19	NM_027667_19_-1
Tssk4	-3.735	-4.981	-2.796	-3.163	-2.477	-3.003	-4.186	-4.259	-3.108	-4.451	71099	TSSK4	NM_027673_14_+1
Gpr39	-4.981	-4.981	-4.960	-4.757	-4.916	0.057	-3.747	-2.557	-4.981	-4.981	71111	GPR39	NM_027677_1_+1
Zranb3	-0.505	-3.260	0.301	1.355	1.811	-0.531	0.247	0.753	-1.128	-4.254	226409	ZRANB3	NM_027678_1_-1
Cabyr	0.445	-4.981	-1.500	-2.890	-1.891	-2.068	-1.009	-1.691	-0.642	-1.331	71132	CABYR	NM_027687_18_+1
Rfx4	-3.189	-2.681	-4.070	-4.928	-4.779	-4.429	-4.772	-4.975	-3.750	-4.981	71137	RFX4	NM_027689_10_+1
Golga7b	-4.981	-4.981	-4.494	-4.688	-1.213	-3.352	-3.277	-5.003	-4.981	-4.512	71146	GOLGA7B	NM_027694_19_+1
Oxsm	2.530	2.720	2.711	2.337	2.575	2.128	2.731	2.273	2.596	2.571	71147	OXSM	NM_027695_14_-1
Mier1	1.987	2.743	2.084	2.623	2.768	2.559	2.031	2.258	2.567	2.629	71148	MIER1	NM_027696_4_+1
4933413G19Rik	-3.189	-0.143	-4.981	-4.981	-4.981	-4.981	-4.903	-4.186	-4.981	-4.981	71149	LOC101929469	NM_027697_6_+1
Eri2	1.533	2.264	1.675	1.477	2.096	2.025	2.122	2.335	1.804	1.744	71151	ERI2	NM_027698_7_-1
Lrrc72	-1.298	-1.053	-3.218	-4.766	-3.574	-3.856	-3.687	-4.852	-2.736	-3.449	71156	LRRC72	NM_027699_12_-1
Zfp626	2.953	2.414	2.979	1.997	2.805	2.795	2.442	1.816	1.969	1.989	71163	NA	NM_027703_7_+1
Nbas	3.349	3.528	3.335	3.300	3.160	3.381	2.859	3.416	3.599	3.906	71169	NBAS	NM_027706_12_+1
Nipbl	6.001	5.692	5.489	5.117	5.916	6.070	5.781	5.808	5.729	5.504	71175	NIPBL	NM_027707_15_-1
Fbxo24	-4.981	-4.981	-3.095	-3.757	-2.036	-2.393	-3.024	-4.136	-1.234	-2.243	71176	FBXO24	NM_027708_5_-1
Clec12b	-4.981	-1.570	-1.688	-3.707	-3.940	-4.794	-2.376	-4.808	-4.981	-1.846	71183	CLEC12B	NM_027709_6_-1
Iqgap2	6.728	6.744	6.373	6.011	4.203	3.785	5.273	5.601	7.313	6.813	544963	IQGAP2	NM_027711_13_-1
Dlgap1	-4.981	-4.981	-4.981	-4.981	-4.961	-4.961	-4.981	-4.981	-4.981	-4.981	224997	DLGAP1	NM_027712_17_+1
Otud1	4.373	4.286	2.859	2.708	2.308	2.331	2.590	2.963	3.215	3.116	71198	OTUD1	NM_027715_2_+1
Nudt4	3.437	3.780	4.623	4.642	4.381	4.528	4.698	5.190	6.057	6.092	71207	NUDT4	NM_027722_10_-1
Cage1	-0.334	0.563	-1.599	-1.017	-0.899	-1.693	-0.808	-0.462	-0.719	-1.099	71213	CAGE1	NM_027724_13_-1
Dlg5	-4.981	-4.981	-4.029	-3.489	-4.962	-4.758	-4.943	-4.007	-4.981	-4.981	71228	DLG5	NM_027726_14_-1
Dym	4.538	4.517	5.828	5.545	5.930	6.220	5.448	5.454	4.931	4.918	69190	DYM	NM_027727_18_+1
Enkur	0.342	0.815	-2.610	-1.965	-1.791	-1.272	-1.790	-0.602	0.642	0.302	71233	ENKUR	NM_027728_2_-1
Rsph14	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.726	-4.981	71236	RSPH14	NM_027730_10_-1
Spata24	1.747	1.873	0.146	-0.754	0.443	0.159	0.170	-0.529	-1.857	-2.458	71242	SPATA24	NM_027733_18_-1
B4galnt1	6.421	6.666	6.632	7.405	8.396	8.408	8.251	8.323	8.373	8.944	14421	B4GALNT1	NM_027739_10_+1
Poc1b	2.516	2.374	2.794	2.818	3.184	2.976	3.376	3.149	3.952	3.866	382406	POC1B	NM_027740_10_+1
Lrrfp1	3.972	4.328	5.023	4.990	5.066	4.768	5.378	5.261	6.038	5.725	71268	NA	NM_027742_9_+1
Noxred1	2.648	2.812	2.003	2.632	2.264	2.817	0.666	1.155	-1.258	-0.450	71275	NOXRED1	NM_027744_12_-1
Ccdc57	-1.017	0.062	-1.606	-2.201	-0.677	-0.975	-1.331	-0.974	0.334	0.145	71276	CCDC57	NM_027745_11_-1
Taf3	4.810	5.076	4.849	4.857	5.228	5.111	5.063	4.899	5.049	4.699	209361	TAF3	NM_027748_2_-1
Mfap3l	-4.608	-0.655	-4.874	-4.740	-4.971	-4.971	-4.788	-2.787	-0.121	1.341	71306	MFAP3L	NM_027756_8_+1
Tbc1d9	-0.832	-2.583	1.385	-1.335	1.435	-1.887	3.512	0.914	1.067	0.207	71310	TBC1D9	NM_027758_8_+1

Fsip1	1.238	-0.153	1.217	-3.918	-0.666	-4.160	-1.360	-4.011	-2.315	-4.981	71313	FSIP1	NM_027759_2_-1
Rassf8	-1.277	0.131	-2.133	-1.079	-3.861	-4.714	-0.960	-1.753	0.746	-0.723	71323	RASSF8	NM_027760_6_+1
Trem1	-3.927	-3.647	-4.978	-4.680	-4.590	-4.934	-4.516	-4.955	-4.823	-2.450	71326	TREML1	NM_027763_17_+1
Rcbtb1	4.059	4.099	4.879	4.766	4.842	4.939	4.432	4.634	4.668	4.737	71330	RCBTB1	NM_027764_14_+1
Cpne3	6.407	5.960	7.480	7.255	5.708	5.449	6.047	5.985	6.487	6.759	70568	CPNE3	NM_027769_4_-1
Pdss2	1.805	1.709	2.011	2.056	2.160	2.199	1.424	1.909	1.419	1.897	71365	PDSS2	NM_027772_10_+1
Fam57a	-1.098	-0.765	-0.040	0.275	-0.041	-0.815	-0.159	-1.280	-1.640	-0.459	116972	FAM57A	NM_027773_11_+1
Pex1	-4.614	-4.374	-4.933	-4.942	-4.776	-3.311	-4.599	-4.886	-1.118	-4.612	71382	PEX1	NM_027777_5_+1
Kctd6	1.771	1.016	1.924	2.040	0.458	1.357	0.991	1.004	2.277	1.927	71393	KCTD6	NM_027782_14_+1
Rfx2	-3.456	-2.776	-4.391	-4.374	-4.371	-4.769	-3.437	-1.838	0.749	0.244	19725	RFX2	NM_027787_17_-1
Dhrs2	-3.189	-4.981	-3.670	-4.976	-4.473	-3.336	-4.940	-4.913	-4.981	-4.981	71412	NA	NM_027790_14_+1
Tmem80	1.796	1.496	1.321	-0.006	0.249	0.059	-0.073	-0.008	1.174	0.146	71448	TMEM80	NM_027797_7_+1
Ankrd40	5.190	5.101	5.109	5.108	5.144	5.134	5.063	4.944	5.458	5.439	71452	ANKRD40	NM_027799_11_+1
Ccdc191	4.351	3.882	3.184	3.180	3.822	4.096	3.570	3.224	2.137	2.273	212153	CCDC191	NM_027801_16_+1
Usp19	3.254	3.479	4.773	4.658	4.616	4.213	4.699	4.383	5.320	5.031	71472	USP19	NM_027804_9_+1
Ppp6r2	1.806	2.301	1.574	1.596	1.527	1.140	1.335	1.010	1.128	0.863	71474	PPP6R2	NM_027805_15_+1
Cul5	4.680	4.579	4.854	4.969	4.932	4.974	4.848	4.718	4.941	5.292	75717	CUL5	NM_027807_9_-1
Alpk1	2.263	2.393	3.860	2.838	3.662	3.359	3.595	3.321	4.432	4.118	71481	ALPK1	NM_027808_3_-1
Bbs7	1.140	0.154	0.849	0.144	0.081	0.969	0.137	-1.344	-0.211	0.614	71492	BBS7	NM_027810_3_-1
9030624J02Rik	5.274	5.366	5.980	6.160	6.603	6.627	6.189	6.198	6.273	6.461	71517	C16orf62	NM_027815_7_+1
Cyp2u1	0.510	0.527	-1.107	-3.405	-0.170	-0.803	-1.431	-2.209	-0.504	-0.549	71519	CYP2U1	NM_027816_3_-1
Grap	7.222	7.357	5.513	5.992	7.006	6.426	5.282	5.536	2.697	4.186	71520	GRAP	NM_027817_11_+1
Arhgap42	-1.902	0.647	3.499	4.400	0.903	3.742	-4.088	-0.197	-4.981	-4.981	71544	ARHGAP42	NM_027823_9_-1
Afmid	4.105	3.765	2.608	2.596	3.311	3.274	2.930	2.771	2.168	1.769	71562	AFMID	NM_027827_11_+1
Fam110c	-4.981	-4.981	-4.916	-4.257	-4.965	-3.896	-1.637	-1.271	-4.981	-3.386	104943	FAM110C	NM_027828_12_+1
Izumo4	5.414	4.755	3.273	3.484	4.247	4.289	3.070	3.076	2.356	2.370	71564	IZUMO4	NM_027829_10_+1
Mcm9	3.766	3.649	3.320	3.300	3.674	3.740	3.612	3.414	3.460	3.345	71567	MCM9	NM_027830_10_-1
913008F23Rik	-2.388	-4.981	-0.510	0.684	2.387	2.397	2.679	2.344	1.559	2.502	71583	C6orf141	NM_027834_17_-1
Ifih1	2.647	1.555	3.487	0.797	5.653	3.631	5.430	3.068	5.570	3.384	71586	IFIH1	NM_027835_2_-1
Ms4a7	2.764	0.523	2.733	2.504	3.205	3.247	4.858	5.525	2.517	3.351	109225	MS4A7	NM_027836_19_-1
Senp8	1.831	1.862	1.461	1.920	1.453	1.717	1.326	1.749	1.224	0.956	71599	SENP8	NM_027838_9_-1
Ceacam20	-4.981	-2.895	-3.830	-3.857	-4.573	-4.974	-4.982	-4.342	-4.981	-4.973	71601	CEACAM20	NM_027839_7_+1
Snx20	6.296	5.397	6.771	6.717	8.126	7.646	7.444	6.943	6.831	6.598	71607	SNX20	NM_027840_8_-1
Arl14	-3.563	-0.376	-3.843	0.142	-1.128	0.414	-2.089	-1.653	-3.189	-2.945	71619	ARL14	NM_027843_3_+1
Rarres2	-0.735	-1.972	-4.146	-3.931	-4.361	-3.678	-3.834	-2.918	-4.981	-4.135	71660	RARRES2	NM_027852_6_-1
Tmem248	6.584	6.660	6.015	6.095	5.905	6.005	6.020	6.336	6.559	6.636	71667	TMEM248	NM_027854_5_+1
Atraid	8.303	8.404	6.397	6.280	6.293	6.410	6.483	6.561	6.440	6.266	381629	ATRAID	NM_027855_5_+1
Rnf215	4.584	4.479	4.223	4.205	4.357	4.179	4.038	4.232	4.594	4.556	71673	RNF215	NM_027859_11_+1
0610010F05Rik	2.725	3.263	3.609	3.801	3.493	3.238	3.749	3.691	4.157	4.583	71675	KIAA1841	NM_027860_11_-1
Brox	5.597	5.663	6.420	6.293	5.667	5.552	5.593	5.575	6.219	6.426	71678	BROX	NM_027861_1_-1
Atp5h	8.976	8.729	8.514	8.271	8.330	8.296	8.509	8.338	7.688	7.444	71679	ATP5H	NM_027862_11_-1
Galnt14	-4.981	-4.981	-4.981	-4.981	-4.949	-4.106	-4.961	-4.971	-4.981	-3.166	71685	GALNT14	NM_027864_17_-1
Tmem25	-1.549	-2.353	-0.272	-0.907	0.718	0.305	0.536	1.503	1.751	1.331	71687	TMEM25	NM_027865_9_-1
Colec11	-3.843	-4.981	-4.979	-4.979	-4.895	-4.976	-4.898	-4.317	-2.485	-4.981	71693	COLEC11	NM_027866_12_-1
Slc41a3	2.232	2.867	3.058	2.995	2.649	2.806	3.864	4.193	5.131	4.712	71699	SLC41A3	NM_027868_6_+1
Pnpt1	4.471	4.270	4.944	4.536	4.869	4.455	4.696	4.731	5.388	5.167	71701	PNPT1	NM_027869_11_+1
Armxc3	5.537	5.316	4.655	4.660	3.754	3.804	3.974	4.736	4.371	5.104	71703	ARMCX3	NM_027870_X_+1
Arhgef3	0.511	0.294	0.544	0.911	2.362	1.274	2.907	1.265	4.369	4.819	71704	ARHGEF3	NM_027871_14_+1
Slc46a3	6.544	6.779	8.306	8.538	9.425	9.460	8.577	8.276	6.682	6.702	71706	SLC46A3	NM_027872_5_-1
Ubiad1	3.190	3.969	2.719	3.944	2.811	3.617	2.806	4.139	3.561	4.761	71707	UBIAD1	NM_027873_4_-1
Csnk1d	5.534	5.660	6.749	6.874	5.828	6.142	5.903	6.197	6.530	6.672	104318	CSNK1D	NM_027874_11_-1
Syde1	-1.901	-4.981	-4.776	-3.059	-3.874	-4.687	-3.394	-3.324	-4.981	-4.227	71709	SYDE1	NM_027875_10_-1
Mus81	4.583	4.715	4.004	4.306	4.252	4.601	3.588	4.021	3.886	4.195	71711	MUS81	NM_027877_19_-1
Dram1	-0.458	-1.594	0.733	0.681	1.102	1.357	4.628	5.410	6.479	6.519	71712	DRAM1	NM_027878_10_-1
Cdc40	4.736	5.135	5.526	5.339	5.610	5.557	5.894	5.609	6.368	6.427	71713	CDC40	NM_027879_10_-1
Telo2	0.359	1.306	0.958	1.210	0.881	1.042	1.107	0.199	-4.442	0.100	71718	TELO2	NM_027880_17_-1
Osbpl3	-0.155	-0.820	1.922	0.866	1.662	1.382	1.473	1.130	-0.431	-0.755	71720	OSBPL3	NM_027881_6_-1
Cic	0.464	1.684	0.877	0.847	0.013	-1.161	1.943	1.048	2.878	2.883	71722	CIC	NM_027882_7_+1
Dhx34	3.109	3.523	3.132	3.731	2.741	3.643	3.003	3.317	4.815	5.193	71723	DHX34	NM_027883_7_-1
Tns1	3.039	2.907	0.080	-0.093	1.943	2.424	1.221	-0.441	-2.115	-2.534	21961	TNS1	NM_027884_1_-1
Smug1	2.392	2.215	2.081	1.661	2.363	2.119	2.030	2.438	3.322	3.240	71726	SMUG1	NM_027885_15_-1
Stk11ip	4.416	4.619	3.606	3.816	4.395	4.645	4.171	4.414	5.776	5.651	71728	STK11IP	NM_027886_1_+1
Vps11	5.362	5.446	6.015	5.890	5.969	5.816	5.656	5.519	6.185	5.940	71732	VPS11	NM_027889_9_-1
Susd2	-4.863	-4.616	0.278	0.999	3.093	3.123	0.023	1.694	-4.766	-2.091	71733	SUSD2	NM_027890_10_-1
Lrwd1	4.850	5.022	5.107	5.188	5.040	5.093	5.385	5.440	6.044	5.921	71735	LRWD1	NM_027891_5_-1
Ppp1r12a	4.516	4.845	5.675	5.799	5.552	5.853	5.537	5.411	5.226	5.269	17931	PPP1R12A	NM_027892_10_+1
Nectin4	2.675	2.665	1.089	1.579	1.371	2.219	1.351	1.233	2.976	3.208	71740	NECTIN4	NM_027893_1_+1
Ulk3	3.337	3.372	3.853	3.329	4.010	3.485	3.538	3.574	3.739	3.680	71742	ULK3	NM_027895_9_+1
Rhpn2	-2.647	-2.600	-4.979	-3.095	-4.103	-4.270	-3.248	-3.377	-4.981	-2.526	52428	RHPN2	NM_027897_7_+1
Gramd1a	5.366	5.435	5.042	5.174	5.675	5.832	5.828	6.078	5.836	6.192	52857	GRAMD1A	NM_027898_7_-1
R3hdm2	-0.917	-4.497	-0.222	-0.407	-1.368	-0.576	-1.702	-1.375	0.264	-0.194	71750	R3HDM2	NM_027900_10_+1
Gtf3c2	5.428	5.443	5.493	5.568	6.092	5.991	6.017	5.998	6.428	6.270	71752	GTF3C2	NM_027901_5_-1
Dhdh	1.457	1.218	1.787	2.051	1.552	1.945	1.644	1.624	2.420	2.470	71755	DHDH	NM_027903_7_-1
Selo	5.031	5.111	5.457	5.507	4.890	4.754	4.757	5.065	5.035	5.119	223776	SELENOO	NM_027905_15_+1

Vwa8	2.080	1.052	2.314	2.592	2.478	2.464	2.332	2.182	2.148	2.706	219189	VWA8	NM_027906_14_+_1
Amdhd1	2.818	4.932	-2.148	-0.755	-0.061	3.868	-1.289	1.103	-2.472	-2.976	71761	AMDHD1	NM_027908_10_-_1
C2cd2l	2.364	2.118	4.214	4.300	2.836	3.118	2.831	2.972	4.485	4.109	71764	C2CD2L	NM_027909_9_-_1
Klhdc3	5.124	5.116	5.820	6.102	5.833	6.082	5.762	5.997	6.874	6.704	71765	KLHDC3	NM_027910_17_-_1
Raver1	3.859	3.861	4.588	4.660	4.706	4.403	4.297	4.206	5.174	5.031	71766	RAVER1	NM_027911_9_-_1
Tysnd1	3.956	3.367	3.902	4.107	4.027	4.338	3.864	4.105	4.933	4.882	71767	TYSND1	NM_027912_10_+_1
Bbs10	1.039	-0.558	1.317	0.874	0.580	1.097	0.747	0.650	0.921	0.964	71769	BBS10	NM_027914_10_+_1
Ap2b1	4.419	4.347	4.917	5.143	4.683	4.707	4.180	4.744	4.109	4.516	71770	NA	NM_027915_11_+_1
Shroom1	-4.981	-4.981	-1.189	0.121	-4.935	-4.224	-2.684	-0.998	-1.090	-1.021	71774	SHROOM1	NM_027917_11_+_1
1300017J02Rik	-4.981	-0.058	-2.426	0.435	-3.061	0.507	-3.252	0.016	-3.925	-0.992	71775	NA	NM_027918_9_-_1
Tha1	3.191	3.074	1.355	0.377	2.144	1.985	1.841	2.191	1.485	1.845	71776	NA	NM_027919_11_-_1
March8	-1.611	-4.159	-0.515	0.766	-0.403	0.036	0.969	1.548	2.494	2.991	71779	MARCH8	NM_027920_6_+_1
Slc16a14	-4.981	-4.981	-4.231	-4.008	2.129	-0.217	0.704	-1.503	-1.477	-0.349	71781	SLC16A14	NM_027921_1_-_1
Ankle2	3.654	3.429	2.255	2.862	2.842	2.977	3.445	3.066	3.930	4.192	71782	ANKLE2	NM_027922_5_+_1
Trnau1ap	5.576	5.372	5.765	5.743	5.519	5.431	5.596	5.479	4.775	4.564	71787	TRNAU1AP	NM_027925_4_-_1
Ints12	5.333	5.244	4.681	4.581	4.519	4.622	4.789	4.798	5.590	5.587	71793	INTS12	NM_027927_3_+_1
Chst13	-4.981	-4.981	-4.925	-3.512	-4.955	-4.206	-1.501	-1.440	1.620	1.400	71797	CHST13	NM_027928_6_-_1
Mtfr2	-1.679	-0.345	1.005	1.133	0.736	0.953	0.987	0.171	1.520	1.132	71804	MTFR2	NM_027930_10_+_1
Tars2	4.823	4.970	4.679	4.879	5.002	5.091	4.777	5.112	4.210	4.350	71807	TARS2	NM_027931_3_-_1
Ranbp3	5.846	5.884	5.896	6.116	5.846	5.643	5.620	5.587	5.410	5.039	71810	RANBP3	NM_027933_17_+_1
Rnf180	2.920	2.443	4.085	4.222	0.603	0.639	1.033	1.122	-2.060	0.842	71816	RNF180	NM_027934_13_-_1
Tmem50a	9.101	9.247	7.372	7.269	7.410	7.381	7.972	8.070	8.404	8.188	71817	TMEM50A	NM_027935_4_-_1
Caskin1	-4.981	-2.239	-1.347	-3.230	-1.635	-2.018	-2.341	-1.492	-1.577	-1.773	268932	CASKIN1	NM_027937_17_+_1
Lrrc34	-4.981	-1.589	-4.960	-4.960	-4.962	-4.962	-4.976	-4.900	-4.981	-1.924	71827	LRRC34	NM_027941_3_-_1
Pdilt	-4.981	-4.981	-4.969	-2.654	-4.977	-4.575	-4.974	-4.978	-4.981	-4.981	71830	PDILT	NM_027943_7_-_1
Dcaf7	6.255	6.014	6.669	6.358	6.595	6.380	6.466	6.382	7.043	6.808	71833	DCAF7	NM_027946_11_+_1
Zbtb43	2.061	0.170	2.343	1.634	2.460	2.181	0.605	1.796	2.891	2.543	71834	ZBTB43	NM_027947_2_-_1
1700003E16Rik	-4.981	-4.981	-1.152	-1.957	-0.119	0.583	-1.516	-2.159	-1.603	-4.342	71837	C2orf81	NM_027948_6_+_1
Phf7	4.639	3.889	3.650	3.576	3.469	3.036	3.804	3.324	3.796	3.499	71838	PHF7	NM_027949_14_-_1
Osgin1	-0.328	-0.686	2.759	3.365	3.191	3.660	3.174	3.148	3.364	3.130	71839	OSGIN1	NM_027950_8_+_1
Syce2	4.086	2.382	3.869	3.278	4.422	3.465	4.189	3.019	1.576	-0.118	71846	SYCE2	NM_027954_8_+_1
Fam178b	-0.554	1.296	-2.232	-0.755	-4.971	-4.971	-3.589	-4.926	-4.190	-4.981	381337	FAM178B	NM_027957_1_-_1
Pdia6	8.878	9.069	8.541	9.062	7.658	7.914	7.879	8.882	7.899	8.503	71853	PDIA6	NM_027959_12_+_1
Dpep3	-4.981	-4.981	-2.676	-3.016	-4.970	-4.776	-3.022	-3.048	-1.789	-1.516	71854	DPEP3	NM_027960_8_-_1
Gpr160	3.829	3.671	0.749	-0.992	-0.668	-1.508	1.057	1.817	3.223	3.134	71862	GPR160	NM_027963_3_+_1
Fam217a	-4.981	-4.981	-4.981	-4.981	-4.050	-4.994	-3.687	-4.931	-4.981	-4.981	71864	FAM217A	NM_027967_13_-_1
Fbxo30	0.915	1.019	2.847	2.950	2.833	2.593	2.977	3.414	3.723	4.041	71865	FBXO30	NM_027968_10_+_1
Thegl	-4.981	-4.981	-4.715	-3.574	-3.491	-3.610	-4.602	-3.952	-1.754	-2.982	71868	THEGL	NM_027970_5_+_1
Serpinb12	-4.981	-4.981	-4.753	-3.592	-4.967	-4.970	-4.977	-4.981	-3.373	-4.857	71869	SERPINB12	NM_027971_1_+_1
Cfap45	-0.521	-0.061	-3.289	-2.297	-3.445	-4.523	-3.983	-4.796	-0.845	-3.498	71870	CFAP45	NM_027972_1_+_1
Cenpu	1.655	2.366	1.748	1.582	2.467	2.161	1.688	1.843	1.652	0.575	71876	CENPU	NM_027973_8_+_1
Efhc1	0.849	0.457	-1.997	-1.519	-0.400	-0.505	-1.498	-2.186	-3.925	-1.378	71877	EFHC1	NM_027974_1_+_1
Fam83d	0.586	1.916	-0.120	0.132	0.897	0.508	-0.260	-0.728	1.330	0.748	71878	FAM83D	NM_027975_2_+_1
Acls5	6.607	6.836	7.244	7.473	7.497	7.748	7.240	7.403	7.460	7.470	433256	ACLS5	NM_027976_19_+_1
Apmap	5.303	5.742	4.634	4.676	4.877	5.113	4.996	5.017	5.084	5.001	71881	APMAP	NM_027977_2_-_1
Coq2	6.478	6.322	6.256	6.268	5.810	6.057	5.781	5.696	5.453	5.342	71883	COQ2	NM_027978_5_-_1
Chit1	-4.981	-2.022	-4.981	-4.981	-4.376	-2.797	-4.413	-1.358	1.382	-2.614	71884	CHIT1	NM_027979_1_+_1
Faap100	3.071	3.392	3.409	3.643	3.048	3.205	3.301	3.714	3.903	4.108	71885	FAAP100	NM_027980_11_-_1
Ppm1j	-1.295	-4.981	0.691	0.967	-1.412	0.275	-3.736	-1.255	-2.989	-3.758	71887	PPM1J	NM_027982_3_+_1
Mad2l2	5.563	5.556	5.075	5.144	4.632	4.699	4.677	4.893	4.176	4.074	71890	MAD2L2	NM_027985_4_+_1
Cdad1	4.652	4.836	4.157	4.033	3.756	3.693	3.969	4.120	4.695	4.331	71891	CDADC1	NM_027986_14_-_1
Cd300lg	-1.220	-1.318	-0.546	-0.914	0.997	0.501	2.872	3.374	5.431	4.902	52685	CD300LG	NM_027987_11_+_1
Noxo1	0.770	0.225	0.388	1.653	0.809	1.495	0.654	1.924	0.515	1.686	71893	NOXO1	NM_027988_17_+_1
Lypd6b	-2.739	-4.981	-4.623	-4.177	-3.260	-2.506	-4.144	-3.196	-3.750	-3.498	71897	LYPD6B	NM_027990_2_+_1
Tmem106b	6.226	6.439	5.860	5.668	5.872	6.129	5.302	5.531	5.309	5.736	71900	TMEM106B	NM_027992_6_+_1
Fam219a	-3.655	-1.031	-1.674	-1.155	-2.618	-2.585	-2.634	-2.820	-1.417	-4.495	71901	FAM219A	NM_027993_4_-_1
Cand1	5.080	4.958	5.923	5.993	5.515	5.438	5.555	5.518	5.691	5.880	71902	CAND1	NM_027994_10_-_1
Paqr7	3.142	0.616	0.657	-0.621	2.600	1.416	2.238	1.938	4.215	3.337	71904	PAQR7	NM_027995_4_+_1
Zswim8	2.300	3.299	4.111	2.856	3.787	3.630	2.995	3.338	4.445	4.374	268721	ZSWIM8	NM_027996_14_+_1
Haus5	4.270	3.822	4.106	3.851	5.517	4.947	5.090	4.163	3.464	2.226	71909	HAUS5	NM_027999_7_-_1
Plpp5	5.492	5.185	4.082	4.297	2.708	3.131	2.979	4.315	3.579	3.945	71910	PLPP5	NM_028000_8_+_1
Jsrp1	-4.981	-4.981	-3.335	-3.964	-4.981	-4.981	-4.736	-4.974	-4.981	-4.981	71912	JSRP1	NM_028001_10_-_1
Dus4l	1.499	1.587	1.674	1.404	1.026	1.056	1.054	0.870	0.920	0.487	71916	DUS4L	NM_028002_12_-_1
Rpap3	4.244	4.507	3.373	3.548	3.468	3.794	3.354	3.509	3.314	3.310	71919	RPAP3	NM_028003_15_-_1
Ttn	-1.001	-1.150	-0.143	-1.442	5.175	2.427	0.037	-0.782	-0.728	-1.660	22138	TTN	NM_028004_2_-_1
Borc56	2.760	3.033	3.179	3.046	2.997	3.038	3.235	3.235	3.880	3.797	71923	BORCS6	NM_028005_11_+_1
Tube1	0.807	1.071	1.360	1.142	1.735	1.328	1.177	0.897	0.111	0.143	71924	TUBE1	NM_028006_10_+_1
Iftg1	6.839	6.920	6.592	6.659	6.156	6.159	6.115	6.230	6.201	6.606	71927	ITFG1	NM_028007_8_-_1
Rpusd1	3.621	3.698	3.237	2.996	3.048	3.073	2.812	2.913	2.746	2.703	106707	RPUSD1	NM_028009_17_+_1
Tom1l1	-2.538	-0.215	-3.926	-0.317	-1.973	-0.159	-1.908	-0.536	-1.093	-1.351	71943	TOM1L1	NM_028011_11_-_1
Xrcc4	4.827	4.601	3.903	3.922	3.957	4.046	3.571	3.569	3.433	3.463	108138	XRCC4	NM_028012_13_-_1
Endod1	3.596	3.523	6.181	6.304	3.054	3.745	3.966	5.330	4.548	5.592	71946	ENDOD1	NM_028013_9_-_1
Tmem94	2.785	2.438	3.695	3.869	3.857	3.912	3.897	4.060	4.603	4.848	71947	TMEM94	NM_028014_11_+_1
Cers5	5.598	5.917	5.820	6.278	5.305	5.491	5.780	5.924	6.215	6.453	71949	CERS5	NM_028015_15_-_1

Nanog	-4.620	-4.394	-4.774	-4.914	-4.058	-4.926	-4.903	-4.960	-4.746	-4.924	71950	NANOG	NM_028016_6_+1
Napg	4.363	4.739	5.008	4.946	5.517	5.424	5.499	5.159	5.537	5.772	108123	NAPG	NM_028017_18_+1
Ist1	6.357	6.573	6.478	6.361	6.541	6.302	6.729	6.668	7.363	7.030	71955	IST1	NM_028018_8_-1
Rnf135	3.892	3.752	4.147	4.351	4.232	4.034	3.903	3.636	3.419	3.597	71956	RNF135	NM_028019_11_+1
Cpsf3l	5.236	5.739	6.040	6.450	5.594	5.884	5.378	6.138	5.589	5.973	71957	CPSF3L	NM_028020_4_+1
Myh14	1.510	1.666	-4.312	-3.723	-4.706	-4.949	-4.949	-4.695	-4.981	-4.981	71960	MYH14	NM_028021_7_-1
Gatsl3	-1.177	-2.160	1.950	2.101	3.160	2.783	2.828	2.358	1.300	1.860	71962	GATSL3	NM_028022_11_+1
Cdca4	4.581	4.575	5.169	5.255	4.544	4.233	4.696	4.768	5.102	4.867	71963	CDC4A	NM_028023_12_-1
Nkiras2	5.026	4.888	5.066	5.174	4.536	4.537	5.703	6.008	7.580	7.344	71966	NKIRAS2	NM_028024_11_+1
Mageb16	-4.981	-4.981	-4.976	-4.950	-4.980	-4.979	-4.981	-4.981	-4.981	-4.981	71967	MAGEB16	NM_028025_X_-1
Wdr73	4.530	4.853	4.142	3.880	3.758	3.847	3.668	3.397	3.360	3.111	71968	WDR73	NM_028026_7_-1
Arhgef25	-4.566	-3.595	-2.877	-2.129	-2.770	-1.555	-4.824	-4.821	-4.824	-4.748	52666	ARHGEF25	NM_028027_10_-1
Zswim1	3.613	3.620	3.198	3.459	3.483	3.478	3.572	3.591	3.962	3.508	71971	ZSWIM1	NM_028028_2_+1
Dnmbp	3.092	3.401	4.964	4.844	3.507	3.622	3.111	3.182	2.881	3.410	71972	DNMBP	NM_028029_19_-1
Rbpms2	-1.751	-4.981	-3.252	-1.429	-2.753	-4.103	-2.510	-3.635	-1.702	-0.670	71973	RBPMS2	NM_028030_9_+1
Zdhhc13	6.788	7.138	5.568	5.764	5.396	5.538	5.014	5.400	5.368	5.331	243983	ZDHHC13	NM_028031_7_+1
Ppp2r2a	5.975	6.358	5.924	6.076	5.971	5.974	5.939	6.050	5.888	5.955	71978	PPP2R2A	NM_028032_14_-1
Trdr12	-2.178	-3.408	-3.745	-3.823	-4.980	-4.465	-4.923	-4.708	-2.834	-2.518	71981	LOC101929327	NM_028034_7_-1
Snx10	-0.522	-0.081	0.784	1.119	1.649	2.187	1.613	1.269	1.529	3.150	71982	SNX10	NM_028035_6_+1
Tmco6	4.953	5.268	3.856	3.934	3.607	3.871	3.546	3.790	2.978	3.251	71983	TMCO6	NM_028036_18_+1
Acad10	2.202	1.307	1.760	1.675	1.716	1.690	1.397	1.163	1.886	1.479	71985	ACAD10	NM_028037_5_-1
Ddx28	3.466	3.239	3.489	3.533	3.479	3.405	3.758	3.615	4.768	4.286	71986	DDX28	NM_028038_8_-1
Esco2	-1.413	-1.213	2.081	2.186	3.427	2.668	2.567	2.016	1.572	0.566	71988	ESCO2	NM_028039_14_-1
Rpusd4	4.661	4.589	4.687	4.726	4.509	4.407	4.465	4.634	4.596	4.629	71989	RPUSD4	NM_028040_9_+1
Ddx54	5.237	5.116	5.750	5.880	6.014	6.060	5.921	5.987	6.157	5.765	71990	DDX54	NM_028041_5_+1
Erccl8	3.467	3.886	2.895	2.724	3.559	3.163	2.867	2.856	2.902	2.849	71991	ERCC8	NM_028042_13_+1
Cnot11	4.671	4.536	4.966	5.022	4.858	4.709	4.422	4.333	4.475	4.604	52846	CNOT11	NM_028043_1_+1
Cnn3	2.786	1.971	2.688	2.920	1.546	2.269	2.748	4.135	2.756	3.039	71994	CNN3	NM_028044_3_+1
Smg9	3.834	3.186	3.695	3.331	3.859	3.283	4.040	3.569	4.244	3.562	71997	SMG9	NM_028047_7_+1
Slc25a35	4.894	4.440	3.921	3.701	3.647	4.251	3.452	3.241	3.095	2.648	71998	SLC25A35	NM_028048_11_+1
Fbxo22	5.725	5.823	5.021	5.124	5.365	5.318	5.201	5.136	5.345	5.568	71999	FBXO22	NM_028049_9_+1
Lmntd2	1.111	0.937	2.044	2.195	1.406	1.526	-0.232	0.250	-4.981	-3.498	72000	LMNTD2	NM_028050_7_-1
Tmem38b	4.001	4.354	3.173	3.715	2.609	3.051	4.051	4.154	6.312	6.275	52076	TMEM38B	NM_028053_4_+1
Zfyve19	5.684	5.629	4.983	4.341	4.632	3.840	4.625	3.674	4.038	3.702	72008	ZFYVE19	NM_028054_2_+1
160002H07Rik	2.831	2.371	0.934	0.872	1.572	1.604	2.104	1.797	2.197	0.492	72016	C16orf59	NM_028056_17_-1
Cyb5r1	3.334	3.847	6.654	7.009	3.963	4.360	5.296	6.020	6.740	6.676	72017	CYB5R1	NM_028057_1_+1
Fundc1	7.039	6.982	7.448	7.540	6.584	6.474	6.531	6.487	5.603	6.208	72018	FUNDC1	NM_028058_X_-1
Zfp654	3.360	3.003	3.691	3.299	3.481	3.153	3.631	3.428	3.503	4.139	72020	ZNF654	NM_028059_16_-1
Slc35f2	0.560	0.000	-1.722	-1.413	-0.655	-2.151	-2.363	-0.742	-4.981	-2.261	72022	SLC35F2	NM_028060_9_+1
Cyb561d1	-0.439	2.142	1.169	0.188	1.602	0.979	1.996	1.371	2.811	3.418	72023	CYB561D1	NM_028061_3_-1
Trmu	4.412	3.819	3.194	2.932	3.638	3.502	3.326	3.285	2.753	2.476	72026	TRMU	NM_028063_15_+1
Slc39a4	0.066	0.851	-3.696	-1.056	-1.972	-0.524	-0.392	-0.077	-0.025	-0.801	72027	SLC39A4	NM_028064_15_-1
Cnpy3	7.460	7.723	6.868	7.126	7.524	7.352	7.267	7.298	7.055	7.344	72029	CNPY3	NM_028065_17_-1
Cdhr5	-0.928	-0.070	-4.261	-4.557	-4.965	-4.965	-3.113	-4.632	-2.753	-3.181	72040	CDHR5	NM_028069_7_-1
Alkbh4	4.076	3.908	3.106	3.250	3.516	3.466	3.487	3.559	3.945	3.889	72041	ALKBH4	NM_028070_5_+1
Cotl1	3.510	2.463	6.493	7.389	8.281	8.854	8.145	7.306	8.134	7.990	72042	COTL1	NM_028071_8_-1
Sulf2	-1.113	-1.988	5.823	5.773	7.359	7.554	7.543	7.319	6.892	7.324	72043	SULF2	NM_028072_2_-1
Ddx42	5.527	5.502	6.009	6.104	6.490	6.400	6.331	6.144	6.106	6.158	72047	DDX42	NM_028074_11_+1
Tnfrsf13c	4.274	3.643	1.657	2.014	3.099	3.693	3.091	4.636	-1.257	0.107	72049	TNFRSF13C	NM_028075_15_-1
Tmub2	5.893	5.663	5.036	4.864	4.995	5.312	5.215	5.263	5.509	5.193	72053	TMUB2	NM_028076_11_+1
181005G02Rik	2.536	3.266	1.732	2.659	1.657	1.914	1.551	2.126	2.819	2.135	72056	C11orf24	NM_028077_19_+1
Lrif1	-2.208	0.679	1.542	1.025	1.257	1.068	1.836	-0.061	0.776	0.231	321000	LRIF1	NM_028081_3_+1
Cnot2	2.261	3.660	2.517	2.325	3.039	2.395	2.751	2.473	3.160	2.624	72068	CNOT2	NM_028082_10_-1
Chaf1b	2.853	2.406	3.675	3.934	4.046	3.694	3.512	3.530	2.835	2.049	110749	CHAF1B	NM_028083_16_+1
Mettl10	5.590	5.854	4.725	4.768	4.867	4.780	4.418	4.311	3.323	3.599	72096	METTL10	NM_028095_7_-1
2010300C02Rik	-3.090	0.834	-4.958	-1.850	-1.975	-1.294	-4.286	-1.795	-4.981	-4.981	72097	KIAA1211L	NM_028096_1_-1
Tmem68	5.217	5.336	4.859	4.594	5.356	5.491	5.272	5.230	5.112	5.592	72098	TMEM68	NM_028097_4_-1
Dusp11	5.836	6.092	6.449	6.190	6.494	6.336	6.439	6.163	6.457	6.389	72102	DUSP11	NM_028099_6_-1
Jmjd8	5.368	5.578	5.196	5.164	5.040	5.056	4.852	5.078	4.861	4.727	72106	JMJD8	NM_028101_17_+1
Ddh2	4.502	4.794	4.169	4.146	4.039	4.363	3.839	3.640	3.969	4.139	72108	DDH2	NM_028102_8_-1
Ppp1r14d	-4.981	-4.981	-4.394	-4.989	-4.981	-4.981	-4.956	-4.969	-4.981	-4.981	72112	PPP1R14D	NM_028104_2_-1
Adck1	2.516	2.436	2.758	1.979	2.947	2.416	2.314	2.390	2.116	0.302	72113	ADCK1	NM_028105_12_+1
Zbed3	1.429	1.589	2.022	2.388	1.395	1.858	0.373	0.816	1.059	0.343	72114	ZBED3	NM_028106_13_+1
Naa50	6.399	6.515	6.626	6.627	6.318	6.229	6.420	6.563	6.128	6.633	72117	NAA50	NM_028108_16_+1
Tpx2	-3.985	-3.710	1.352	0.678	1.488	-1.124	0.724	-1.086	-0.686	-1.367	72119	TPX2	NM_028109_2_+1
Dennd2d	2.793	4.255	5.130	5.537	-0.374	2.779	3.066	4.724	3.715	5.701	72121	DENND2D	NM_028110_3_+1
Seh1l	3.511	4.322	3.699	3.988	3.000	2.940	2.208	3.273	3.207	3.250	72124	SEH1L	NM_028112_18_+1
Trub1	3.255	3.148	1.966	2.708	2.303	2.875	1.958	2.302	0.436	0.386	72133	TRUB1	NM_028115_19_+1
Chst14	3.380	4.108	2.380	2.128	1.852	1.817	1.889	2.249	3.087	3.150	72136	CHST14	NM_028117_2_+1
Wdsub1	2.775	3.807	4.018	4.546	2.974	4.013	2.931	4.295	3.938	4.171	72137	WDSUB1	NM_028118_2_-1
Ddb2	2.916	2.588	3.641	3.627	4.439	4.369	3.283	3.455	2.248	2.278	107986	DDB2	NM_028119_2_-1
Cep89	2.237	2.525	2.014	1.926	2.384	1.999	1.901	1.409	1.337	0.880	72140	CEP89	NM_028120_7_+1
Adpgk	6.029	5.085	5.136	4.973	3.857	4.037	4.032	4.083	5.167	4.366	72141	ADPGK	NM_028121_9_+1
Slc14a1	-3.585	0.494	-1.537	2.139	2.098	1.950	-0.369	2.508	0.373	-0.865	108052	SLC14A1	NM_028122_18_-1

Slc37a3	1.086	0.880	4.001	3.622	3.180	3.770	3.481	3.708	4.372	4.373	72144	SLC37A3	NM_028123_6_-1
Zbtb46	-0.146	-2.349	6.853	6.566	6.839	6.729	5.997	5.348	1.224	0.057	72147	ZBTB46	NM_028125_2_-1
Strada	4.386	4.181	5.137	5.036	5.520	5.336	5.211	4.746	4.889	4.358	72149	STRADA	NM_028126_11_-1
FrmD6	1.424	2.056	1.287	1.922	0.645	0.753	0.938	0.704	1.329	0.962	319710	FRMD6	NM_028127_12_+1
Rfc5	5.803	5.785	4.747	4.751	5.466	5.102	5.123	5.002	4.149	3.503	72151	RFC5	NM_028128_5_-1
2610020H08Rik	0.852	0.682	0.724	0.411	1.174	0.762	0.693	0.773	0.583	0.784	434234	LOC81691	NM_028129_7_+1
Zfp157	3.235	3.818	4.761	4.296	3.460	3.492	3.456	3.695	3.377	3.700	72154	ZNF613	NM_028130_5_+1
Cenpn	0.505	1.073	2.570	2.803	3.057	2.733	2.531	2.299	0.980	0.455	72155	CENPN	NM_028131_8_+1
Pgm2	5.069	4.466	5.346	5.167	5.076	4.901	4.924	4.346	4.826	4.221	72157	PGM1	NM_028132_4_+1
Egln3	2.078	2.368	-3.072	-3.620	-3.118	-4.562	0.156	-0.875	0.921	0.222	112407	EGLN3	NM_028133_12_-1
Tmem163	6.603	6.774	-1.523	-1.016	0.689	1.645	-1.158	1.425	-3.189	-1.481	72160	TMEM163	NM_028135_1_-1
Dhx36	5.639	5.638	5.683	5.829	5.928	6.164	5.734	5.676	5.680	5.757	72162	DXH36	NM_028136_3_-1
MsantD3	-4.277	-4.981	-3.248	-1.583	-4.421	-4.357	-1.297	-0.808	3.201	2.901	66665	MSANTD3	NM_028137_4_+1
Thumpd2	3.295	3.647	1.940	2.319	3.259	3.230	2.869	2.815	2.745	2.705	72167	THUMPD2	NM_028138_17_-1
Atxn7l1	4.380	4.274	3.928	3.968	5.038	4.972	4.984	4.299	3.859	4.286	380753	ATXN7L1	NM_028139_12_+1
Mfsd8	4.210	4.708	3.585	3.509	3.504	3.652	3.777	3.676	3.933	4.068	72175	MFS8	NM_028140_3_-1
Zfp661	-4.338	-1.109	-1.984	0.236	-3.122	-1.206	-2.403	0.239	-0.293	-0.507	72180	ZNF22	NM_028141_2_-1
Nsun4	4.647	4.686	3.810	3.853	4.189	4.177	4.056	4.082	4.210	3.942	72181	NSUN4	NM_028142_4_-1
Klhl35	0.975	0.620	-0.284	-2.162	-1.942	-2.018	-0.008	-1.827	0.078	-0.979	72184	KLHL35	NM_028145_7_+1
Dbndd1	-4.513	0.871	-4.884	-4.758	-4.960	-4.901	-4.965	-4.977	-4.981	-4.938	72185	DBNDD1	NM_028146_8_-1
Scaf11	6.147	6.152	5.953	5.891	6.317	6.306	6.236	6.330	6.289	6.098	72193	SCAF11	NM_028148_15_-1
Fbxl20	4.419	4.337	4.349	4.345	4.931	4.998	5.068	4.939	5.120	5.491	72194	FBXL20	NM_028149_11_-1
Supt7l	3.612	3.170	3.686	3.812	3.850	3.700	3.687	3.749	4.082	3.771	72195	SUPT7L	NM_028150_5_-1
Skiv2l2	5.115	5.216	5.387	5.191	5.605	5.443	5.460	5.399	5.647	5.601	72198	SKIV2L2	NM_028151_13_-1
Mms19	4.433	4.429	4.784	4.695	4.629	4.626	4.852	4.570	5.073	4.910	72199	MMS19	NM_028152_19_-1
Eml2	-4.309	-4.431	-3.570	-4.905	-2.724	-3.409	-3.610	-4.036	-4.717	-4.904	72205	EML2	NM_028153_7_+1
170001P01Rik	-4.981	-4.981	-4.105	-3.497	-4.723	-4.517	-4.813	-3.898	-4.981	-3.527	72215	C17orf98	NM_028156_11_-1
Tbc1d5	4.512	4.388	5.435	5.457	5.630	5.546	5.243	4.990	5.519	5.466	72238	TBC1D5	NM_028162_17_-1
1600014C23Rik	-4.981	-4.981	-4.953	-4.333	-3.771	-4.979	-4.508	-4.235	-3.022	-4.316	72240	NA	NM_028164_17_-1
1600014C10Rik	5.013	4.421	3.800	3.581	4.305	3.782	4.698	4.201	6.718	5.929	72244	C19orf12	NM_028166_7_+1
Fam71e1	-0.042	-0.030	-2.068	-3.605	-2.833	-2.333	-2.044	-3.120	-2.451	-3.797	75538	FAM71E1	NM_028169_7_+1
1700030K09Rik	2.781	2.988	2.178	2.318	2.731	2.763	2.373	2.754	2.437	2.556	72254	C19orf44	NM_028170_8_+1
Tram1	9.185	9.116	8.091	7.962	7.506	7.568	7.848	8.165	8.747	9.029	72265	TRAM1	NM_028173_1_-1
Lrrc8e	-3.248	-1.578	-3.769	-3.437	-3.264	-4.173	-3.188	-4.543	-4.981	-3.336	72267	LRRCE	NM_028175_8_+1
Ndufab1	6.696	6.575	5.967	6.087	5.824	5.869	6.037	5.921	4.657	4.734	70316	NDUFAB1	NM_028177_7_-1
220002D01Rik	1.386	0.955	2.556	2.091	2.020	1.599	1.614	0.078	-3.738	-4.227	72275	NA	NM_028179_7_-1
CcpG1	2.078	2.908	2.037	2.878	1.206	2.264	2.504	2.790	3.438	3.953	72278	CCPG1	NM_028181_9_+1
Sh2d4a	-3.563	-2.126	-2.972	-0.370	-0.427	0.837	-0.832	0.530	-2.450	-2.015	72281	SH2D4A	NM_028182_8_+1
1810062G17Rik	0.284	0.218	-0.306	-1.506	-0.812	-1.810	-1.410	-1.595	-1.795	-1.525	72282	NA	NM_028183_3_+1
Oraov1	3.600	3.973	3.800	3.795	3.972	4.231	3.979	4.061	3.341	3.857	72284	ORAOV1	NM_028184_7_+1
Lsm11	2.519	1.687	2.289	2.066	2.696	2.194	2.810	2.534	2.607	2.648	72290	LSM11	NM_028185_11_-1
Nkd2	-4.981	-3.408	-4.596	-4.925	-4.795	-4.972	-4.978	-4.941	-4.981	-4.981	72293	NKD2	NM_028186_13_-1
Rusc1	-4.981	-4.981	-0.793	-3.259	-3.965	-3.949	-4.132	-3.534	-4.981	-1.003	72296	RUSC1	NM_028188_3_-1
B3gnt3	-1.799	-2.137	-0.022	-0.356	-0.340	-0.089	0.098	-0.552	0.647	0.996	72297	B3GNT3	NM_028189_8_-1
Luc7l	3.685	4.216	4.378	4.266	4.600	4.613	4.309	4.414	4.547	4.464	66978	LUC7L	NM_028190_17_+1
Brf1	5.569	5.827	5.784	5.859	5.794	5.957	5.874	5.931	6.040	5.854	72308	BRF1	NM_028193_12_-1
Fryl	6.039	6.311	6.474	6.263	6.624	6.854	5.755	5.513	4.902	5.116	72313	FRYL	NM_028194_5_-1
Cyth4	8.148	8.308	7.252	7.238	7.767	7.591	7.694	7.796	8.273	8.365	72318	CYTH4	NM_028195_15_+1
Kif1bp	4.925	5.380	4.773	4.983	4.812	5.129	4.537	4.758	5.047	4.961	72320	KIF1BP	NM_028197_10_-1
Xpo5	2.508	3.023	3.605	3.710	3.780	3.802	3.443	3.689	3.819	3.754	72322	XPO5	NM_028198_17_+1
Plxdc1	6.148	6.360	4.581	4.549	4.040	4.118	4.008	4.193	5.163	4.975	72324	PLXDC1	NM_028199_11_-1
Vps9d1	3.380	3.698	5.910	5.641	4.402	4.280	4.986	5.037	5.776	5.664	72325	VPS9D1	NM_028200_8_-1
Slx4ip	-1.208	-0.974	-0.169	-0.293	-0.044	0.149	-0.610	-1.077	-1.264	-3.040	74243	SLX4IP	NM_028201_2_+1
Wdr89	2.680	1.678	2.006	1.265	1.938	2.052	1.064	1.057	0.227	0.997	72338	WDR89	NM_028203_12_-1
Dusp3	1.166	0.552	3.483	3.370	2.130	1.462	4.416	4.278	5.937	5.591	72349	DUSP3	NM_028207_11_-1
Ptar1	4.150	4.198	2.177	2.645	2.897	3.013	2.400	2.354	1.925	2.068	72351	PTAR1	NM_028208_19_+1
Ttc4	4.934	5.197	4.684	4.615	4.867	5.036	4.754	4.877	4.517	4.426	72354	TTC4	NM_028209_4_-1
2210016L21Rik	5.256	4.947	4.185	4.086	4.623	4.736	4.347	4.062	3.680	3.622	72357	C12orf43	NM_028211_5_+1
Pzca	-2.842	-4.981	-1.212	-0.196	-4.951	-3.841	-4.970	-4.351	-4.981	-4.981	72373	PSCA	NM_028216_15_+1
Fam192a	6.246	6.318	6.000	6.051	6.039	6.047	5.926	5.969	5.666	5.711	102122	FAM192A	NM_028221_8_-1
Cdkn3	-0.799	-1.594	3.117	3.090	2.778	2.054	2.414	1.408	1.100	-0.017	72391	CDKN3	NM_028222_14_+1
Tmem175	1.634	1.117	1.665	1.280	2.491	2.051	1.227	1.843	2.023	1.858	72392	TMEM175	NM_028223_5_+1
Rbm12b1	2.839	2.161	2.439	2.076	2.191	2.488	2.084	1.900	2.128	2.609	72397	RBM12B	NM_028226_4_+1
Brap	4.329	4.442	4.646	4.604	4.804	4.697	4.718	4.953	5.307	5.357	72399	BRAP	NM_028227_5_+1
Pinx1	4.125	4.060	4.298	4.014	4.222	4.164	4.202	3.681	3.252	2.729	72400	PINX1	NM_028228_14_+1
Shmt2	4.730	4.710	4.633	4.773	4.637	4.959	3.919	4.599	2.778	3.329	108037	SHMT2	NM_028230_10_-1
Sgol1	-0.451	-0.566	2.200	1.890	2.878	2.190	2.246	1.915	0.487	0.015	72415	SGMT1	NM_028232_17_-1
Lrpprc	3.383	3.336	4.261	4.189	4.248	4.153	4.053	4.452	4.689	4.784	72416	LRPPRC	NM_028233_17_-1
Rbm33	5.505	5.384	5.293	5.124	5.699	5.542	5.471	5.342	5.653	5.643	381626	NA	NM_028234_5_+1
Ttc30b	2.077	1.644	0.486	0.128	0.127	0.189	-0.511	-0.634	1.972	1.010	72421	TTC30B	NM_028235_2_-1
Ceacam18	-4.981	-4.981	-3.627	-4.615	-0.709	-0.986	-1.121	-1.752	-1.239	-0.522	72431	CEACAM18	NM_028236_7_+1
Rab38	0.240	-1.910	4.058	4.008	4.385	3.672	4.307	3.831	1.213	1.546	72433	RAB38	NM_028238_7_+1
Htatsf1	5.511	5.120	4.927	4.956	4.674	4.940	4.841	4.869	4.728	4.652	72459	HTATSF1	NM_028242_X_+1
Prcp	6.424	5.774	6.054	5.438	6.058	5.610	6.316	5.478	5.705	5.447	72461	PRCP	NM_028243_7_+1

Rrp1b	3.589	3.449	3.764	3.738	4.045	3.919	3.671	4.039	4.571	4.145	72462	RRP1B	NM_028244_17_+1
Zfp131	3.481	2.161	2.691	2.932	2.336	1.855	3.212	2.447	3.260	3.535	72465	ZNF131	NM_028245_13_-1
Slc16a10	-0.435	0.317	-2.125	-1.614	-1.525	-1.500	-0.098	-0.173	1.057	1.230	72472	SLC16A10	NM_028247_10_-1
Tmem87b	4.121	4.379	4.970	4.488	4.016	3.807	4.144	3.995	4.470	4.725	72477	TMEM87B	NM_028248_2_+1
Acbd6	3.943	3.955	3.961	4.094	3.582	3.376	3.540	3.135	3.026	2.728	72482	ACBD6	NM_028250_1_+1
Rps6kb1	2.080	1.773	1.673	1.636	1.916	1.842	1.399	0.808	1.284	1.576	72508	RPS6KB1	NM_028259_11_-1
Immp1l	6.431	6.627	6.294	6.164	5.984	6.114	5.598	5.558	3.681	4.292	66541	IMMP1L	NM_028260_2_+1
Tmem173	8.128	8.313	6.225	5.805	7.568	7.532	7.306	7.013	6.615	6.617	72512	TMEM173	NM_028261_18_-1
Setd3	6.265	5.940	6.092	5.837	5.770	5.336	5.739	5.316	6.403	5.713	52690	SETD3	NM_028262_12_-1
Fgfbp3	1.331	1.121	2.733	1.569	0.006	-1.110	-0.357	-0.877	-2.539	-2.255	72514	FGFBP3	NM_028263_19_-1
Tmem55a	4.694	5.412	3.785	4.147	2.646	2.548	3.912	4.060	4.687	5.099	72519	TMEM55A	NM_028264_4_+1
Col16a1	-4.981	-1.541	-4.981	-4.981	-4.332	-4.884	-4.981	-4.981	-4.981	-4.981	107581	COL16A1	NM_028266_4_+1
Aldh1b1	5.567	5.416	4.089	4.073	4.150	3.908	4.438	4.456	5.755	4.893	72535	ALDH1B1	NM_028270_4_+1
Pgam5	4.289	5.081	4.445	4.304	4.271	4.412	4.235	4.289	3.767	4.104	72542	PGAM5	NM_028273_5_-1
Exosc6	4.407	4.446	4.689	4.753	4.622	4.465	4.701	4.435	4.071	3.644	72544	EXOSC6	NM_028274_8_+1
1700112E06Rik	0.463	0.393	0.340	1.618	1.061	1.990	2.481	2.200	3.219	3.112	76633	C10orf11	NM_028275_14_+1
Utp14a	4.651	4.294	4.177	4.548	4.434	4.625	4.444	4.426	4.490	4.462	72554	UTP14A	NM_028276_X_+1
Shisa9	-4.981	-4.981	-4.254	-3.813	-4.929	-4.674	-4.777	-4.710	-4.981	-4.599	72555	SHISA9	NM_028277_16_+1
Naalad2	-4.981	-4.981	2.377	3.734	-4.681	-4.151	-2.757	-2.673	-4.981	-2.713	72560	NAALAD2	NM_028279_9_-1
Pcbd2	5.133	5.098	5.483	5.456	5.259	5.260	5.467	5.004	3.923	3.947	72562	PCBD2	NM_028281_13_+1
Uaca	-1.381	-0.809	-4.038	-1.230	-4.905	-4.894	-4.595	-4.950	-4.981	-4.981	72565	UACA	NM_028283_9_+1
Bbs5	3.421	3.100	1.567	0.918	0.268	0.335	-0.263	0.217	0.824	1.084	72569	BBS5	NM_028284_2_+1
Zufsp	5.668	5.840	5.476	5.398	5.608	5.392	5.262	5.073	5.237	5.092	72580	ZUFSP	NM_028287_10_-1
Cul4b	4.094	3.868	4.305	4.371	3.991	3.829	4.141	4.059	4.584	4.842	72584	CUL4B	NM_028288_X_-1
Pan3	4.936	5.821	5.310	5.629	5.235	5.937	5.164	5.673	4.910	5.814	72587	PAN3	NM_028291_5_+1
Ppme1	2.500	2.415	4.051	3.930	2.743	2.776	2.660	2.806	3.949	3.954	72590	PPME1	NM_028292_7_-1
Cep55	-0.560	-0.672	2.060	3.161	2.806	2.566	2.366	1.164	-0.520	0.272	74107	CEP55	NM_028293_19_+1
Pdia5	6.012	5.754	8.608	7.810	0.425	-0.580	1.905	4.348	1.653	2.722	72599	PDIA5	NM_028295_16_-1
Zfp655	4.470	4.625	5.471	5.357	4.500	4.562	4.528	4.708	4.860	5.232	72611	ZNF655	NM_028298_5_+1
Hpf1	6.698	6.916	5.174	5.480	5.720	5.881	5.486	5.490	4.008	4.441	72612	HPF1	NM_028299_8_+1
Pih1d2	-0.602	0.560	-1.679	0.012	-2.237	-1.993	-2.017	-2.039	-2.760	-1.177	72614	PIH1D2	NM_028300_9_+1
Anks3	5.545	5.366	4.443	4.441	4.734	4.761	4.401	4.129	4.038	3.909	72615	ANKS3	NM_028301_16_-1
Pdzd11	6.427	6.298	5.266	5.262	5.279	5.201	4.987	5.043	4.231	4.202	72621	PDZD11	NM_028303_X_-1
Pus10	2.612	3.001	4.037	4.051	4.044	3.407	3.612	3.193	3.836	3.653	74467	PUS10	NM_028304_11_+1
Hspa12b	-4.981	-4.981	-4.062	-4.827	-4.983	-4.983	-4.352	-4.915	-4.394	-4.342	72630	HSPA12B	NM_028306_2_+1
Tdrkh	3.969	4.238	1.461	1.783	1.290	1.649	1.018	1.441	-0.400	-0.487	72634	TDRKH	NM_028307_3_+1
Mob2	5.877	5.769	5.208	5.211	5.407	5.270	5.412	5.368	5.390	5.122	101513	MOB2	NM_028308_7_-1
281006K23Rik	-1.189	-0.065	-3.010	-1.791	-1.711	-1.454	-2.205	-4.038	-2.229	-2.233	72650	C12orf65	NM_028310_5_+1
Ccdc12	7.831	7.873	8.073	8.020	7.841	7.734	7.889	7.637	7.330	7.125	72654	CCDC12	NM_028312_9_+1
2700097O09Rik	2.784	2.562	3.681	3.589	2.764	2.728	1.882	1.928	0.100	0.933	72658	NA	NM_028314_12_-1
Dis3	3.687	3.889	4.086	4.063	3.867	3.867	3.635	3.616	2.997	3.146	72662	DIS3	NM_028315_14_-1
Zfp444	3.119	3.082	2.394	2.518	2.277	2.036	2.489	2.248	2.915	2.007	72667	ZNF444	NM_028316_7_+1
Zfp518a	4.603	4.168	4.262	4.173	3.872	3.926	3.737	3.870	3.768	4.413	72672	ZNF518A	NM_028319_19_+1
Adipor1	6.067	5.953	6.965	6.992	6.658	6.579	7.081	7.255	8.173	8.110	72674	ADIPOR1	NM_028320_1_+1
Zfp618	0.371	1.417	-0.949	1.217	-2.580	1.105	-3.147	-1.537	-4.981	-4.981	72701	ZNF618	NM_028326_4_+1
C1qtnf6	-4.981	-4.751	-3.819	-3.554	-4.198	-4.784	-2.919	-1.480	-2.336	3.151	72709	C1QTNF6	NM_028331_15_-1
Angptl1	-0.664	-1.729	-3.835	-2.970	-3.395	-3.634	-3.465	-2.042	-2.871	-4.981	72713	ANGPTL1	NM_028333_1_+1
Nup37	-0.220	0.936	0.711	2.373	0.180	0.640	-0.327	-0.171	-0.377	-4.848	69736	NUP37	NM_028334_10_+1
Zfp248	0.698	0.472	-3.219	-1.071	-0.788	-0.354	-0.246	-1.417	-1.239	-0.465	72720	ZNF248	NM_028335_6_-1
Tmem107	-2.354	-1.971	-2.053	-4.913	-4.054	-4.974	-4.265	-3.548	-3.521	-2.937	66910	TMEM107	NM_028336_11_+1
Tmx1	6.906	7.410	6.477	6.369	6.275	6.250	6.483	6.527	6.212	6.774	72736	TMX1	NM_028339_12_+1
Susd3	-4.923	-0.527	-2.339	-3.047	-2.045	-1.640	-2.261	-1.614	-0.853	-0.683	66329	SUSD3	NM_028340_13_-1
Ttc39c	-3.563	-2.895	2.233	2.067	-1.704	-2.026	1.568	1.840	4.427	4.206	72747	TTC39C	NM_028341_18_+1
Tmem135	4.762	4.818	5.443	5.393	5.139	5.266	5.355	5.576	5.657	5.894	72759	TMEM135	NM_028343_7_-1
Neil1	3.354	3.527	2.332	2.716	2.255	2.717	1.958	2.655	2.744	2.688	72774	NEIL1	NM_028347_9_-1
Sass6	2.060	2.355	3.896	3.895	3.553	3.162	2.970	3.076	3.486	3.757	72776	SASS6	NM_028349_3_+1
Pgm3	5.050	5.482	4.143	4.615	4.314	4.747	4.097	4.387	4.303	4.310	109785	PGM3	NM_028352_9_-1
Tdp1	3.679	4.034	3.546	3.841	4.106	4.165	4.007	3.912	3.476	3.462	104884	TDP1	NM_028354_12_+1
Ndc1	1.658	1.608	1.947	2.591	2.503	2.480	2.343	2.688	2.236	2.109	72787	NDC1	NM_028355_4_+1
Zbtb25	4.523	4.203	3.380	3.143	3.896	3.497	3.636	3.258	3.001	2.665	109929	ZBTB25	NM_028356_12_-1
Ssbp1	3.899	3.885	2.181	1.713	2.474	2.006	2.188	1.822	2.121	1.010	381760	SSBP1	NM_028358_6_+1
Ttc19	4.512	4.678	3.885	3.703	3.096	3.407	2.735	3.121	2.426	3.227	72795	TTC19	NM_028360_11_+1
Puf60	5.869	5.732	5.763	5.698	5.894	5.720	5.486	5.401	5.758	4.918	67959	PUF60	NM_028364_15_-1
Zfp839	2.580	3.057	3.488	2.864	2.599	3.520	1.264	2.290	3.734	3.450	72805	ZNF839	NM_028365_12_+1
Mon1a	3.991	4.031	3.628	3.584	3.792	3.119	3.564	3.486	4.402	4.208	72825	MON1A	NM_028369_9_+1
Pot1b	1.679	2.538	4.376	3.245	4.090	3.131	5.153	4.683	4.401	4.737	72836	NA	NM_028370_17_-1
Mblac2	4.297	4.287	3.525	3.193	3.166	3.527	3.265	2.976	2.782	3.208	72852	MBLAC2	NM_028372_13_+1
Cxx1c	5.255	5.259	7.333	7.716	5.953	6.431	4.896	5.738	0.061	1.026	72865	FAM127A	NM_028375_X_+1
Pfn4	-0.779	-2.239	-4.550	-2.876	-2.049	-1.339	-2.029	-2.409	-1.372	-2.593	382562	PFN4	NM_028376_12_+1
Bbof1	-2.686	-2.895	-3.916	-3.993	-2.911	-3.624	-4.476	-3.273	-3.088	-4.316	72873	BBOF1	NM_028377_12_+1
Zdhhc4	6.023	5.809	5.162	5.214	5.249	5.186	5.218	5.098	5.201	4.623	72881	ZDHHC4	NM_028379_5_-1
Ccdc94	3.322	3.371	3.064	3.396	3.426	3.337	3.062	2.866	3.229	2.854	72886	CCDC94	NM_028381_17_+1
Setd5	3.872	3.635	4.642	4.723	4.518	4.521	4.186	4.290	4.413	4.447	72895	SETD5	NM_028385_6_+1
Asphd2	-4.981	-4.981	-4.483	-4.911	-3.766	-3.116	-4.961	-4.971	-4.981	-4.981	72898	ASPHD2	NM_028386_5_-1

MacroD2	1.864	1.906	0.409	-0.182	0.000	-0.033	-0.290	-0.815	-2.202	-1.019	72899	MACROD2	NM_028387_2_+1
Ndufv2	8.317	8.280	7.866	7.889	7.857	7.797	7.841	7.689	6.675	6.665	72900	NDUFV2	NM_028388_17_-1
Tmem219	6.228	6.228	4.967	5.097	4.848	4.771	5.009	4.919	4.569	4.756	68742	TMEM219	NM_028389_7_-1
Anln	-0.549	0.321	1.050	1.400	2.838	2.134	2.323	1.900	2.077	2.284	68743	ANLN	NM_028390_9_-1
Hspb11	3.453	3.567	3.360	3.178	3.026	2.844	3.451	3.095	2.032	2.544	72938	HSPB11	NM_028394_4_+1
Phykp1	3.902	4.588	3.604	3.506	3.180	3.111	3.078	3.505	3.551	3.201	72947	PHYKPL	NM_028398_11_+1
Ccnt2	5.144	5.473	5.984	5.617	6.079	6.142	5.638	5.429	5.145	5.268	72949	CCNT2	NM_028399_1_+1
Zfp493	0.419	-0.879	0.907	-0.707	0.020	-0.073	0.147	-0.851	-0.369	0.141	72958	NA	NM_028402_13_+1
Top1mt	4.411	4.524	2.182	2.491	2.070	2.500	2.135	2.449	1.441	1.534	72960	TOP1MT	NM_028404_15_-1
Ccser2	-0.378	-0.111	-0.498	-0.596	-0.962	-1.149	-1.500	-0.883	-0.039	1.029	72972	CCSER2	NM_028407_14_-1
Cnih3	-4.747	-4.662	-4.980	-4.980	-4.981	-4.981	-4.980	-4.966	-4.981	-4.981	72978	CNIH3	NM_028408_1_+1
Prkrir	4.284	4.234	4.801	4.797	4.227	4.297	4.347	4.396	4.390	4.152	72981	THAP12	NM_028410_7_+1
Tmem138	4.820	4.951	3.382	3.044	3.704	3.592	3.313	3.081	2.263	2.149	72982	TMEM138	NM_028411_19_-1
Ciz1	4.000	3.745	3.948	4.069	3.851	3.841	4.002	3.777	4.554	4.601	68379	CIZ1	NM_028412_2_+1
Kremen2	-3.563	-3.315	2.387	2.006	1.000	1.001	-0.763	-1.307	-4.981	-4.227	73016	KREMEN2	NM_028416_17_-1
GlrX5	6.578	6.688	5.920	6.481	6.046	6.856	6.008	6.579	5.377	5.273	73046	GLRX5	NM_028419_12_+1
Camk2n2	-3.189	-4.981	-3.082	-3.289	-3.362	-4.671	-2.835	-3.940	-3.109	-2.594	73047	CAMK2N2	NM_028420_16_-1
Zc3hav1	0.501	0.897	1.502	1.774	1.798	1.698	1.977	1.863	3.440	2.874	78781	ZC3HAV1	NM_028421_6_-1
Mtg2	1.166	1.480	-0.212	0.546	1.267	0.895	0.520	0.752	1.227	0.273	52856	MTG2	NM_028422_2_+1
Cldn34c1	0.003	-0.704	-1.800	-2.853	-3.519	-4.142	-3.474	-3.333	-3.823	-4.342	73061	NA	NM_028426_X_+1
Tmem192	7.205	7.219	5.395	5.436	5.546	5.548	5.635	5.626	5.572	5.194	73067	TMEM192	NM_028427_8_+1
Fut11	4.921	4.887	4.166	3.977	3.900	3.889	4.107	4.301	4.921	5.085	73068	FUT11	NM_028428_14_+1
Ppil6	-1.853	-0.352	-4.634	-4.580	-3.569	-4.144	-3.749	-4.222	-2.957	-3.498	73075	PPIL6	NM_028430_10_+1
Pmpcb	5.966	6.042	5.760	6.074	5.430	5.545	5.123	5.379	4.767	4.845	73078	PMPCB	NM_028431_5_+1
311009E18Rik	2.592	2.689	1.537	1.656	1.559	2.134	2.298	2.258	1.931	2.010	73103	C2orf76	NM_028439_1_+1
Abrac1	7.309	7.295	7.391	7.425	7.022	7.040	7.221	6.970	6.269	6.402	73112	ABRACL	NM_028440_10_-1
Rfina	-3.843	-4.981	-3.248	-4.216	-3.182	-4.708	-4.611	-4.786	-1.654	-3.142	73121	RFLNA ZNF664-FA NM	NM_028443_5_+1
Prkcd8p	-0.378	-2.437	-3.264	-1.156	-3.125	-3.178	-2.357	-0.426	-4.190	-2.145	109042	PRKCD8P	NM_028444_7_-1
Trip11	5.441	5.372	5.735	5.658	5.830	6.088	5.034	4.909	4.668	4.580	109181	TRIP11	NM_028446_12_-1
Prrc1	4.609	4.285	4.934	5.272	4.584	4.380	4.622	5.175	5.658	5.630	73137	PRRC1	NM_028447_18_+1
Cenpv	-0.322	-0.320	5.430	2.634	0.775	1.133	1.375	1.541	0.699	0.592	73139	CENPV	NM_028448_11_-1
Gulp1	-4.981	-0.643	-4.972	-4.972	-4.948	-4.914	-4.981	-4.981	-4.981	-4.981	70676	GULP1	NM_028450_1_+1
Larp1	5.804	5.194	6.346	6.168	6.197	6.004	6.316	6.104	6.753	6.156	73158	LARP1	NM_028451_11_+1
Otud3	1.208	1.885	1.937	2.167	2.268	2.046	1.508	1.779	2.386	1.962	73162	OTUD3	NM_028453_4_-1
Tm7sf2	3.877	4.250	0.991	1.254	0.022	0.708	0.629	1.415	2.037	2.380	73166	TM7SF2	NM_028454_19_-1
Arhgap8	-4.981	-4.981	-2.424	-4.237	-4.469	-4.778	-4.980	-4.797	-4.981	-4.981	73167	ARHGAP8 PRR5-AF NM	NM_028455_15_+1
Rwdd3	1.562	2.894	-0.274	1.445	0.769	1.881	0.477	1.552	-0.305	0.440	66568	RWDD3	NM_028456_3_-1
Exo5	4.054	4.029	3.247	3.658	2.370	2.806	2.440	3.103	3.260	3.375	73172	EXO5	NM_028457_4_-1
Wasl	3.972	4.005	4.511	4.599	4.564	4.719	4.398	4.081	3.574	3.899	73178	NA	NM_028459_6_-1
Pear1	-4.463	-4.163	-4.858	-4.773	-4.972	-4.972	-4.450	-4.887	-4.924	-4.905	73182	PEAR1	NM_028460_3_-1
Mocs1	2.353	2.336	1.872	2.590	2.261	2.110	3.261	3.737	5.920	5.918	56738	NA	NM_028464_17_+1
3110082117Rik	3.134	2.589	1.498	1.988	2.275	2.288	4.033	4.236	5.924	5.250	73212	C7orf50	NM_028469_5_-1
Bmper	-4.981	-3.267	-1.676	-0.871	1.414	0.245	-0.731	-3.367	-4.981	-4.981	73230	BMPER	NM_028472_9_+1
Ubap2l	0.375	0.445	1.542	1.355	0.760	1.740	1.659	-0.544	1.318	1.185	74383	NA	NM_028475_3_-1
Atat1	-0.296	0.375	0.743	-0.447	1.156	0.751	0.101	-0.069	0.521	0.124	73242	ATAT1	NM_028476_17_-1
Rassf6	-2.842	-4.981	-2.970	-2.364	1.081	1.435	-2.716	-2.361	-4.981	-4.227	73246	RASSF6	NM_028478_5_-1
Mrgbp	3.792	3.971	2.977	2.983	3.475	3.468	3.032	3.040	2.843	2.569	73247	MRGBP	NM_028479_2_+1
Ccdc18	1.007	0.304	-0.021	0.665	1.765	1.244	1.408	-0.029	-0.775	-1.678	73254	CCDC18	NM_028481_5_+1
1700037C18Rik	3.939	3.616	2.518	2.041	2.603	2.687	1.683	1.587	0.607	0.686	73261	C16orf90	NM_028484_16_-1
Gpbb1	6.826	6.683	6.407	6.236	6.458	6.276	6.236	5.973	5.366	5.733	73274	GPBB1	NM_028487_13_-1
1700040L02Rik	0.109	0.452	-4.079	-4.538	-4.899	-4.779	-4.980	-3.351	-3.925	-3.480	73287	C10orf107	NM_028491_10_-1
Ccdc103	-4.981	-1.693	-4.775	-4.432	-4.157	-4.214	-4.934	-3.081	-4.981	-4.981	73293	CCDC103	NM_028492_11_+1
Rhobtb3	-3.349	-4.981	-4.556	-2.543	-4.125	-3.082	-4.974	-3.562	-2.871	-1.289	73296	RHOBTB3	NM_028493_13_-1
Calr3	-1.002	-0.806	-1.662	-1.696	-1.776	-1.867	-1.657	-2.886	-4.981	-2.349	73316	CALR3	NM_028500_8_-1
Clhc1	-3.900	-3.882	-4.671	-4.720	-4.421	-4.923	-4.760	-4.831	-3.717	-4.981	73324	CLHC1	NM_028504_11_+1
Pradc1	-0.176	0.598	-1.384	-0.596	-0.904	-1.951	-2.142	-1.024	-3.065	-1.386	73327	PRADC1	NM_028505_6_-1
Ccdc30	-3.608	-4.981	-4.189	-3.837	-4.619	-4.914	-4.977	-4.775	-4.591	-3.984	73332	NA	NM_028506_4_-1
1700034J05Rik	-4.981	-1.554	-4.171	-4.928	-4.958	-4.944	-4.866	-4.965	-4.981	-4.981	73344	C12orf71	NM_028509_6_-1
1700056E22Rik	2.064	1.873	2.313	2.242	1.453	0.482	1.278	0.292	0.282	-0.434	73363	NA	NM_028516_1_-1
Col20a1	-0.017	2.848	-0.450	1.406	-1.564	1.287	-1.429	0.809	-0.941	1.406	73368	COL20A1	NM_028518_2_+1
Phospho2	5.835	5.737	5.436	5.187	4.799	4.979	4.845	4.952	5.115	5.141	73373	PHOSPHO2	NM_028521_2_+1
Dcbld2	0.248	1.101	0.225	0.550	-0.864	-0.200	-2.190	0.233	-3.491	0.397	73379	DCBLD2	NM_028523_16_+1
Fam177a	4.815	4.025	5.603	4.700	5.486	4.215	5.323	3.850	4.164	3.347	73385	NA	NM_028527_12_+1
Fam177a	2.716	1.950	3.627	1.707	2.532	1.927	2.836	0.580	2.217	1.068	73385	NA	NM_028527_dup1_12_+2
Smap1	6.180	6.009	5.871	5.888	5.979	6.203	6.284	6.128	5.653	5.813	98366	SMAP1	NM_028534_1_-1
Ccsap	0.497	0.916	1.605	1.634	2.273	1.691	1.974	1.961	1.103	0.222	73420	CCSAP	NM_028536_8_-1
Zfp974	2.243	1.778	2.011	1.628	1.536	2.022	1.721	1.614	1.645	2.647	73430	NA	NM_028538_7_-1
Tex35	-4.920	-4.596	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	73435	TEX35	NM_028540_1_-1
Wdr13	3.182	3.901	1.738	2.372	3.446	3.351	2.981	2.841	3.220	3.777	73447	WDR13	NM_028542_X_-1
Zfp763	1.099	1.587	-0.748	-2.141	0.949	1.277	0.343	0.974	1.095	1.300	73451	NA	NM_028543_17_-1
Rasip1	0.774	1.227	2.474	2.162	1.854	2.384	0.898	0.693	-1.685	-1.509	69903	RASIP1	NM_028544_7_+1
1700066M21Rik	2.056	2.173	3.774	3.488	2.461	1.868	3.329	3.023	3.712	3.917	73467	C2orf69	NM_028546_1_+1
1700094D03Rik	2.011	2.649	2.320	1.562	2.477	2.276	2.218	2.223	2.047	1.876	73545	C1orf189	NM_028567_3_+1
Camkmt	3.905	3.908	2.368	2.431	5.090	4.957	3.893	3.181	2.306	2.144	73582	CAMKMT	NM_028576_17_+1

Cybrd1	-2.566	3.611	-1.245	-1.311	0.519	-0.911	-0.673	-1.140	-1.070	-0.613	73649	CYBRD1	NM_028593_2_+1
Ms4a6c	5.694	6.004	6.317	6.328	8.387	8.201	8.866	9.022	9.027	9.409	73656	NA	NM_028595_19_+1
Fbrsl1	5.197	5.280	4.814	4.713	7.500	7.269	6.987	5.993	2.759	3.132	381668	FBRSL1	NM_028596_5_-1
Thoc3	5.505	5.298	5.269	5.554	5.437	5.168	5.197	5.205	5.037	4.659	73666	THOC3	NM_028597_13_-1
Rec114	-0.781	1.328	-2.062	0.721	-1.621	1.263	-0.689	0.538	-2.905	-0.151	73673	REC114	NM_028598_9_-1
Wdr75	4.459	4.429	4.547	4.969	4.597	4.739	4.361	4.555	3.158	3.172	73674	WDR75	NM_028599_1_+1
Zmiz2	6.126	5.564	6.242	5.713	7.021	6.741	6.478	6.117	5.969	6.176	52915	ZMIZ2	NM_028601_11_+1
Zbtb8a	3.490	3.132	3.976	3.978	2.803	2.376	2.467	2.343	2.172	1.750	73680	ZBTB8A	NM_028603_4_-1
Trmt11	4.267	4.506	3.674	3.854	4.130	4.136	3.971	3.860	3.738	3.454	73681	TRMT11	NM_028604_10_-1
Bloc1s2	9.145	9.101	8.198	8.154	7.993	8.057	7.481	7.203	6.035	6.021	73689	BLOC1S2	NM_028607_19_-1
Glipr1	8.050	7.603	7.941	8.317	7.608	7.755	7.508	7.566	6.626	7.007	73690	GLIPR1	NM_028608_10_-1
Ndufaf7	5.217	4.986	4.899	4.353	5.609	4.452	5.362	3.913	5.926	4.078	73694	NDUFAF7	NM_028611_17_+1
Ppp2r1b	4.761	4.919	4.987	5.031	5.291	5.446	5.056	5.420	5.158	5.349	73699	PPP2R1B	NM_028614_9_+1
Dppa2	-0.278	0.082	-4.983	-4.838	-4.883	-4.682	-4.174	-4.857	-4.981	-4.981	73703	DPPA2	NM_028615_16_+1
Mvb12a	9.750	9.924	7.171	7.067	6.167	6.196	6.141	6.268	5.887	5.637	73711	MVB12A	NM_028617_8_+1
Dmkn	-4.981	-4.981	-4.915	-3.412	-3.440	-2.642	-4.522	1.327	0.277	1.270	73712	DMKN	NM_028618_7_+1
Cst6	-3.563	-4.981	-3.178	-2.954	-4.899	-4.395	-3.042	-4.886	-4.981	-3.758	73720	CST6	NM_028623_19_-1
Mcee	5.421	5.426	3.909	4.335	3.408	3.503	3.842	4.088	3.843	4.196	73724	MCEE	NM_028626_7_+1
Psd	0.952	0.458	1.601	1.564	2.105	1.719	2.002	1.672	1.544	2.031	73728	PSD	NM_028627_19_-1
Fcf1	6.937	6.900	6.643	6.714	6.471	6.388	6.725	6.451	5.633	5.262	73736	FCF1	NM_028632_12_+1
Haus7	4.877	5.497	4.321	4.710	4.439	4.454	4.078	4.494	2.518	3.277	73738	HAUS7	NM_028633_X_-1
Cby1	4.490	4.267	3.441	3.882	3.469	3.699	3.231	3.554	3.592	3.422	73739	CBY1	NM_028634_15_+1
Man2c1	4.396	4.436	4.360	4.327	4.646	4.666	4.827	4.373	4.728	4.535	73744	MAN2C1	NM_028636_9_+1
1110034G24Rik	3.926	3.914	3.112	2.798	3.760	3.698	3.558	3.857	4.441	4.179	73747	C20orf196	NM_028637_2_+1
Gadl1	-1.493	-2.895	-0.986	-3.163	-4.231	-4.064	-3.685	-4.738	-4.981	-4.316	73748	GADL1	NM_028638_9_+1
Ttc7	5.568	5.673	6.361	6.371	6.711	6.679	6.992	6.996	7.837	8.050	225049	TTC7A	NM_028639_17_+1
Whrn	0.815	1.197	-2.910	-2.597	-1.188	-0.710	-2.428	-2.740	-3.889	-2.959	73750	WHRN	NM_028640_4_-1
Micu2	6.647	6.830	6.437	6.559	6.570	6.550	6.568	6.527	6.553	6.529	68514	MICU2	NM_028643_14_-1
Tmtc4	1.414	2.141	2.699	3.065	1.985	2.338	1.267	1.552	0.577	1.236	70551	TMTC4	NM_028651_14_-1
Mfsd12	2.237	2.429	2.472	2.447	2.152	2.076	2.247	1.981	3.313	3.114	73822	MFSD12	NM_028657_10_+1
Ppp1r21	4.221	4.443	5.422	4.948	5.540	5.186	5.294	5.130	5.643	6.085	73825	PPP1R21	NM_028658_17_+1
Eif3k	7.991	7.873	8.035	7.956	7.637	7.521	7.906	7.748	7.367	7.061	73830	EIF3K	NM_028659_7_-1
Klk9	-4.981	-4.981	-4.981	-4.981	-3.522	-4.737	-3.870	-4.845	-4.981	-4.981	101533	CLK9	NM_028660_7_+1
Slc35b2	5.918	5.749	5.667	5.750	5.625	5.590	5.539	5.856	5.552	5.667	73836	SLC35B2	NM_028662_17_+1
Ankrd42	-2.273	-2.136	-2.609	-1.984	-2.173	-2.745	-4.430	-3.485	-4.190	-4.981	73845	ANKRD42	NM_028665_7_-1
Fam110a	-2.041	-4.648	-1.246	-0.649	-0.442	-0.215	-1.043	-3.975	-1.836	-2.838	73847	FAM110A	NM_028666_2_-1
D3Ert4751e	2.279	2.191	-0.182	-0.005	1.102	2.040	0.581	-1.019	-3.887	-0.592	73852	C4orf33	NM_028667_3_+1
4930415F15Rik	-1.751	-2.137	-2.584	-3.316	-3.484	-4.964	-3.706	-3.859	-3.242	-3.882	73862	C7orf72	NM_028669_11_+1
Fam161a	1.017	1.161	0.255	0.265	1.447	1.570	0.321	0.260	0.770	1.250	73873	FAM161A	NM_028672_11_+1
Zdbf2	-4.981	-4.981	-4.980	-4.262	-4.982	-4.670	-4.981	-4.981	-4.981	-4.981	73884	ZDBF2	NM_028673_1_+1
Ppih	4.880	4.771	4.595	4.717	4.589	4.769	4.611	4.644	3.223	3.265	66101	PIIH	NM_028677_4_-1
Irak3	-1.102	-1.991	0.052	1.013	0.016	0.591	4.209	4.808	6.322	6.436	73914	IRAK3	NM_028679_10_-1
Ift57	6.258	6.390	4.588	4.247	5.131	4.802	4.572	4.430	4.634	4.360	73916	IFT57	NM_028680_16_+1
Nabp1	5.373	5.543	8.250	8.104	6.775	6.236	7.033	6.980	7.354	8.355	109019	NABP1	NM_028696_1_-1
Herc3	4.005	3.907	3.571	3.681	5.029	4.853	4.219	3.513	3.393	3.349	73998	HERC3	NM_028705_6_+1
Psd2	-3.682	-4.093	-4.732	-4.809	-4.825	-4.875	-4.863	-3.634	-3.896	-4.653	74002	PSD2	NM_028707_18_+1
Btbd11	-4.981	-4.981	-3.185	-0.290	-4.643	-4.508	-2.500	-2.445	-4.981	-4.981	74007	BTBD11	NM_028709_10_+1
Arsg	-4.981	-4.981	-2.093	-1.564	-2.189	-2.563	-1.628	0.098	2.703	2.900	74008	ARSG	NM_028710_11_+1
Slc25a27	-2.443	-3.267	-3.106	-2.905	-2.035	-2.346	-0.415	-0.215	0.478	1.493	74011	SLC25A27	NM_028711_17_-1
Rap2b	2.901	2.701	3.708	3.748	5.115	4.417	4.692	3.935	4.799	4.455	74012	RAP2B	NM_028712_3_+1
Rftn2	1.160	-0.099	-0.941	-0.810	-0.249	-1.000	-0.171	-0.100	1.063	1.234	74013	RFTN2	NM_028713_1_-1
Fcho1	3.978	3.966	4.200	4.086	3.584	3.372	3.628	3.445	3.712	3.257	74015	FCHO1	NM_028715_8_-1
Phf19	0.007	-0.729	1.771	1.393	2.534	1.856	2.005	0.697	-0.174	-0.133	74016	PHF19	NM_028716_2_-1
Als2	5.560	4.957	3.374	4.510	1.899	2.585	1.555	2.713	1.349	3.497	74018	ALS2	NM_028717_1_-1
Traf3ip1	1.115	1.885	1.546	1.473	1.862	2.176	1.889	1.796	1.502	1.686	74019	TRAF3IP1	NM_028718_1_+1
Cpne4	-3.563	1.230	-1.752	3.221	-3.438	-0.596	-3.168	0.953	-4.981	-2.097	74020	CPNE4	NM_028719_9_+1
Glyr1	4.092	4.036	4.776	4.608	4.889	4.739	4.882	4.535	5.527	4.975	74022	GLYR1	NM_028720_16_-1
Nphp3	2.958	2.936	2.830	2.444	3.486	3.619	2.741	1.942	2.664	2.246	74025	NPHP3	NM_028721_9_+1
Msl1	4.601	4.710	4.769	4.575	5.580	5.671	5.398	4.815	5.087	4.918	74026	MSL1	NM_028722_11_+1
Rin2	0.188	0.079	2.931	1.926	5.622	5.556	5.512	4.741	6.569	6.188	74030	RIN2	NM_028724_2_+1
Sdr42e1	2.491	3.079	0.809	1.413	1.447	2.127	1.478	2.029	2.199	2.518	74032	SDR42E1	NM_028725_8_-1
Nol9	-3.547	-4.981	-0.700	-0.742	-2.821	-2.458	-1.589	-1.792	-2.120	-2.845	74035	NOL9	NM_028727_4_+1
Nfam1	-1.687	-4.351	-4.509	-3.279	-4.688	-4.948	-1.909	-4.819	-3.667	-1.403	74039	NFAM1	NM_028728_15_-1
Pex26	1.353	-4.372	1.456	1.786	1.577	1.549	1.107	0.046	1.839	1.721	74043	PEX26	NM_028730_6_+1
Esyt2	3.851	3.955	5.824	5.523	4.777	4.962	4.591	4.840	4.760	5.520	52635	ESYT2	NM_028731_12_+1
Vsir	6.481	6.567	6.788	7.061	6.992	6.933	7.581	7.947	9.256	9.306	74048	C10orf54	NM_028732_10_+1
Pacsin3	-4.743	-4.673	-4.668	-4.901	-4.756	-4.393	-4.866	-4.943	-4.950	-4.943	80708	PACSIN3	NM_028733_2_+1
Ttc21a	-4.981	-4.981	-4.985	-3.078	-4.852	-3.934	-3.524	-3.919	-2.936	-4.981	74052	TTC21A	NM_028735_9_+1
4931406B18Rik	-4.981	-4.981	-4.670	-4.983	-3.950	-3.990	-3.850	-4.666	-3.242	-4.981	74054	NA	NM_028737_7_-1
Pi4k2b	-2.670	-3.508	-1.359	-2.953	-0.402	-1.587	-2.086	-1.546	-4.484	-0.873	67073	PI4K2B	NM_028744_5_+1
Them7	-0.910	-0.663	-3.487	-3.824	-4.434	-3.352	-4.735	-4.493	-4.981	-4.871	74088	NA	NM_028747_2_+1
Paqr5	7.762	7.341	0.704	0.131	-3.601	-2.551	-2.802	-0.992	-2.871	-3.855	74090	PAQR5	NM_028748_9_-1
Npl	2.533	4.079	1.751	2.538	5.810	6.552	4.666	4.643	0.664	3.638	74091	NPL	NM_028749_1_-1
Tjap1	2.035	1.813	1.609	1.952	2.041	2.467	1.568	2.340	2.484	2.987	74094	TJAP1	NM_028751_17_-1

Hvcn1	8.086	8.169	2.739	3.249	6.324	6.763	5.305	5.648	3.718	2.285	74096	HVCN1	NM_028752_5_+1
Pop7	5.871	6.047	5.373	5.328	5.191	5.211	5.142	5.070	4.004	3.873	74097	POP7	NM_028753_5_-1
0610037L13Rik	6.185	6.351	5.473	5.465	5.449	5.820	5.464	5.378	4.183	4.314	74098	C1orf123	NM_028754_4_+1
Arpp21	-0.766	1.466	-3.545	-3.093	-4.957	-4.957	-4.933	-3.966	-4.981	-4.981	74100	ARPP21	NM_028755_9_-1
Slc35a5	5.129	5.259	5.531	5.009	5.175	5.154	5.044	4.891	5.845	6.157	74102	SLC35A5	NM_028756_16_-1
Nebi	-4.981	-4.981	-4.618	-4.078	-4.943	-4.408	-4.710	-3.363	-3.491	-2.795	74103	NA	NM_028757_2_-1
Gga2	3.450	3.628	3.507	4.356	4.784	5.167	4.259	5.446	3.578	3.745	74105	GGA2	NM_028758_7_-1
Dcaf6	0.939	2.138	2.601	2.825	1.853	1.675	0.975	2.018	2.464	2.808	74106	DCAF6	NM_028759_1_-1
Cep55	-4.686	-4.692	1.314	1.614	1.675	1.239	1.546	-0.203	-2.704	-0.330	74107	CEP55	NM_028760_19_+1
Parn	5.482	5.466	4.788	4.678	5.083	5.187	4.684	4.690	4.772	4.376	74108	PARN	NM_028761_16_-1
Rbm19	2.632	2.827	2.835	2.696	2.961	2.649	3.121	2.948	3.349	2.808	74111	RBM19	NM_028762_5_+1
Cbx6	4.168	2.988	2.795	2.683	3.337	3.664	3.146	3.080	2.413	3.465	494448	CBX6	NM_028763_15_-1
Acox1	-2.727	-2.883	-3.514	-3.554	-4.844	-3.609	-4.328	-4.695	-4.981	-3.853	74121	ACOX1	NM_028765_2_+1
Tmem43	4.887	4.945	5.237	5.406	4.777	4.959	5.172	5.568	7.792	7.759	74122	TMEM43	NM_028766_6_+1
Foxp4	1.626	1.420	1.035	1.300	2.206	1.749	0.332	0.082	-3.701	0.143	74123	FOXP4	NM_028767_17_-1
Armcc8	4.050	3.722	7.325	7.070	4.744	4.847	4.792	4.979	4.530	4.829	74125	ARMCC8	NM_028768_9_-1
Syvn1	3.991	3.533	4.548	4.513	3.970	4.212	4.093	4.220	3.984	3.565	74126	SYVN1	NM_028769_19_+1
Krt80	-3.843	-4.981	1.992	1.389	4.233	2.507	5.246	4.333	6.548	5.869	74127	KRT80	NM_028770_15_-1
Ccdc97	5.287	5.265	5.170	5.150	5.514	5.532	5.598	5.504	6.167	5.998	52132	CCDC97	NM_028771_7_-1
Dmgdh	-4.981	-4.981	-4.981	-4.981	-4.854	-3.855	-4.638	-4.943	-4.981	-4.981	74129	DMGDH	NM_028772_13_+1
Sash3	7.461	7.314	7.131	7.062	8.078	8.065	7.877	7.909	8.419	8.399	74131	SASH3	NM_028773_X_+1
Rnf6	5.135	5.180	5.771	6.106	5.779	5.699	5.470	5.723	6.159	5.967	74132	RNF6	NM_028774_5_-1
Cyp25l1	-4.981	-4.981	1.154	0.723	0.770	1.454	0.250	-0.747	-1.336	-3.855	74134	CYP25L1	NM_028775_7_-1
Scyl3	4.235	4.749	5.119	4.992	4.597	4.635	4.604	4.457	5.421	5.440	240880	SCYL3	NM_028776_1_+1
Sec14l1	0.682	0.588	2.942	2.575	0.007	0.600	3.083	2.741	3.887	3.700	74136	SEC14L1	NM_028777_11_+1
Nuak2	3.377	3.309	5.713	5.338	6.082	5.941	6.432	6.332	7.046	6.874	74137	NUAK2	NM_028778_1_+1
Ampd2	1.612	1.639	3.456	2.886	2.799	2.795	2.302	2.600	3.835	3.294	109674	AMPD2	NM_028779_3_-1
Tm9sf1	5.622	5.797	5.686	5.644	5.542	5.543	5.448	5.670	6.144	5.988	74140	TM9SF1	NM_028780_14_-1
Lonp1	4.782	4.903	4.841	4.932	4.948	5.097	4.961	5.364	5.238	5.265	74142	LONP1	NM_028782_17_-1
Robo4	-4.981	-3.621	-3.966	-2.938	-4.978	-4.664	-3.682	-3.869	-4.981	-4.981	74144	ROBO4	NM_028783_9_+1
F13a1	-4.981	-2.749	-0.976	-1.962	-1.645	0.039	3.710	6.516	12.089	11.980	74145	F13A1	NM_028784_13_-1
Dock8	6.753	6.927	7.418	7.235	7.757	7.869	7.676	7.678	8.487	8.230	76088	DOCK8	NM_028785_19_+1
Slc35f5	3.526	2.864	3.892	4.109	2.689	2.674	3.360	3.759	4.311	4.808	74150	SLC35F5	NM_028787_1_+1
Stra6l	3.511	3.075	5.204	4.960	7.306	7.733	6.168	5.357	0.728	1.343	74152	NA	NM_028788_4_+1
Unkl	2.136	2.544	1.426	-0.546	1.076	1.590	1.127	-1.544	0.186	-1.837	74154	UNKL	NM_028789_17_+1
Cmtr1	5.870	5.891	6.315	6.179	6.614	6.535	6.482	6.415	6.818	6.501	74157	CMTR1	NM_028791_17_+1
Josd1	3.364	3.284	4.463	4.159	4.704	4.224	4.210	3.783	4.634	4.234	74158	NA	NM_028792_15_-1
Acbd5	3.030	2.953	2.381	2.506	2.765	1.455	2.440	-0.174	2.319	4.099	74159	ACBD5	NM_028793_2_+1
Nudt9	5.661	5.481	6.903	7.031	5.283	5.477	5.129	5.327	4.530	4.578	74167	NUDT9	NM_028794_5_+1
Gtsf1	-4.981	-4.981	-4.961	-4.961	-4.979	-4.955	-4.935	-4.895	-1.845	-0.601	74174	GTSF1	NM_028797_15_-1
Stk40	2.929	2.683	4.250	4.041	5.678	4.966	5.570	5.091	6.932	6.488	74178	STK40	NM_028800_4_+1
Muc5b	-4.981	-4.981	-4.839	-4.973	-4.698	-4.954	-4.981	-4.981	-3.043	-4.981	74180	MUC5B	NM_028801_7_+1
Gpcpd1	7.647	7.779	5.665	5.859	6.232	6.914	6.296	6.438	6.788	6.761	74182	GPCPD1	NM_028802_2_-1
Gbe1	3.347	3.721	2.911	2.685	3.616	2.743	3.561	3.259	4.107	3.786	74185	GBE1	NM_028803_16_+1
Ccdc3	-3.563	-4.981	-4.981	-4.981	-4.710	-3.910	-4.981	-4.981	-4.981	-4.981	74186	CCDC3	NM_028804_2_+1
Katnb1	3.570	3.638	3.335	3.800	3.639	3.667	3.117	3.273	3.771	3.460	74187	KATNB1	NM_028805_8_+1
Exoc3l4	-4.661	-4.209	-0.651	0.703	-4.842	-2.716	-4.321	-2.888	-4.571	-4.872	74190	EXOC3L4	NM_028807_12_+1
P2ry13	6.925	6.565	1.892	2.507	2.625	2.335	4.711	5.453	2.693	4.209	74191	P2RY13	NM_028808_3_-1
Arpc5l	8.375	8.468	7.620	7.736	7.903	8.007	7.252	7.215	5.973	5.798	74192	ARPC5L	NM_028809_2_+1
Rnd3	7.789	8.194	6.245	6.226	7.897	8.910	7.325	8.113	6.706	8.298	74194	RND3	NM_028810_2_-1
Elp3	1.890	2.905	1.935	2.698	2.233	2.223	2.383	1.913	1.420	1.910	74195	ELP3	NM_028811_14_-1
Gtf2e1	3.984	3.762	3.971	3.896	3.771	3.891	3.592	3.500	3.414	3.517	74197	GTF2E1	NM_028812_16_-1
Vit	-4.981	-4.981	-2.811	-4.814	-1.570	-4.951	-3.626	-4.954	-4.981	-4.981	74199	VIT	NM_028813_17_+1
2810403A07Rik	4.878	4.924	5.583	5.431	5.524	5.407	5.360	5.470	5.885	5.888	74200	KIAA0907	NM_028814_3_+1
Cep97	2.681	2.594	1.665	1.225	3.179	2.940	2.291	1.642	1.312	1.697	74201	CEP97	NM_028815_16_-1
Xpo6	4.647	4.813	5.730	5.586	5.483	5.351	5.404	5.540	6.813	6.481	74204	XPO6	NM_028816_7_-1
Acs13	-1.343	-4.832	0.004	-0.397	-1.268	-0.222	1.368	1.305	1.073	2.087	74205	ACSL3	NM_028817_1_+1
1700017B05Rik	6.905	6.953	4.053	3.958	4.216	3.808	4.608	4.625	3.953	3.763	74211	C15orf39	NM_028820_9_-1
Dnal1	-0.628	1.432	0.245	0.342	-0.776	0.165	-2.513	-1.859	-4.181	-2.367	105000	DNAL1	NM_028821_12_+1
Paqr8	-0.094	-0.156	0.665	0.931	2.462	1.394	1.849	0.701	1.745	1.843	74229	PAQR8	NM_028829_1_+1
Mterf2	4.233	3.832	2.527	2.353	1.295	1.167	-0.524	0.441	-1.438	-0.561	74238	MTERF2	NM_028832_10_-1
Iqce	2.338	2.629	2.661	2.543	2.833	2.916	2.596	2.806	3.969	3.941	74239	IQCE	NM_028833_5_-1
Slx4ip	1.165	1.283	1.605	1.633	2.101	2.074	0.932	0.876	-0.853	-0.304	74243	SLX4IP	NM_028834_2_+1
Atg7	3.805	3.875	4.241	4.531	4.152	4.686	4.835	5.225	6.703	6.634	74244	ATG7	NM_028835_6_+1
Ctbs	-1.884	-2.487	-0.357	-2.361	-1.863	-1.741	-0.736	-3.188	-0.780	-0.791	74245	CTBS	NM_028836_3_+1
Lrrc2	-2.168	-1.637	-0.101	-0.870	-1.424	-0.130	-2.987	-3.061	-2.390	-3.039	74249	LRRC2	NM_028838_9_+1
Tmem110	4.285	3.859	5.238	4.873	6.033	5.680	6.143	5.374	5.506	5.185	69179	TMEM110-MUSTN	NM_028839_14_+1
Armcc1	5.561	5.614	5.190	5.541	5.424	5.535	5.298	5.413	5.653	5.486	74252	ARMCC1	NM_028840_3_-1
Tspan17	-0.565	1.293	2.675	3.220	1.071	1.489	3.126	3.703	4.573	4.525	74257	TSPAN17	NM_028841_13_+1
Rnf138rt1	-4.981	-4.981	-4.770	-3.534	-2.774	-2.944	-4.928	-3.761	-4.394	-2.093	74264	NA	NM_028842_X_-1
Aven	3.913	3.406	3.493	3.913	3.439	3.787	3.740	4.068	3.691	3.991	74268	AVEN	NM_028844_2_+1
Usp20	4.129	4.133	3.137	3.241	2.501	2.109	1.821	2.344	2.906	2.475	74270	USP20	NM_028846_2_+1
Chic2	7.369	7.861	6.495	6.412	6.233	6.224	6.189	6.126	6.012	6.187	74277	CHIC2	NM_028850_5_-1
Mtmt3	4.739	4.783	5.211	5.317	5.799	5.858	5.759	5.835	7.301	7.010	74302	MTMT3	NM_028860_11_-1

Rnf145	4.656	5.112	7.049	7.148	6.769	6.683	6.443	6.778	6.547	6.852	74315	RNF145	NM_028862_11_+1
Isca2	7.032	6.941	6.354	6.205	5.871	5.888	5.878	5.818	5.363	4.974	74316	ISCA2	NM_028863_12_+1
Zc3hav1	5.053	4.973	5.600	5.346	5.767	5.567	5.856	5.735	6.573	6.120	78781	ZC3HAV1	NM_028864_6_-1
Mettl23	7.059	5.557	5.530	4.352	6.150	4.864	5.972	4.615	4.940	3.691	74319	METTL23	NM_028865_11_+1
Wdr33	4.378	4.656	4.832	5.061	4.854	4.970	4.672	4.910	5.086	5.221	74320	WDR33	NM_028866_18_+1
Cxhc1	5.170	5.266	5.046	5.331	5.649	5.740	5.491	5.666	5.722	5.596	74322	CXXC1	NM_028868_18_+1
Cltb	5.644	5.481	5.945	5.976	5.378	5.226	5.485	4.951	3.893	3.463	74325	CLTB	NM_028870_13_-1
Hnrnpr	5.111	5.082	5.209	5.011	5.076	5.102	4.795	5.092	4.187	4.620	74326	HNRNPR	NM_028871_4_+1
5730559C18Rik	-4.981	-2.137	-4.600	-4.850	0.110	0.013	-4.952	-3.130	-4.981	-4.981	67313	C1orf106	NM_028872_1_-1
Dnajc14	5.135	5.262	5.726	5.732	5.490	5.395	5.474	5.717	6.731	6.697	74330	DNAJC14	NM_028873_10_+1
Snx19	3.113	3.520	4.107	4.156	4.282	4.424	4.161	3.934	4.588	4.753	102607	SNX19	NM_028874_9_+1
Xrcc3	1.461	1.274	1.379	1.187	1.939	1.581	1.945	1.718	2.226	2.426	74335	XRCC3	NM_028875_12_-1
Tmed5	7.726	7.683	6.942	6.815	6.850	6.816	7.039	6.866	6.424	6.772	73130	TMED5	NM_028876_5_-1
Palms3	-4.981	-4.981	-4.943	-4.210	-3.989	-4.541	-4.260	-4.809	-4.981	-4.981	74337	PALM3	NM_028877_8_+1
Crtc2	4.813	4.872	5.661	5.590	6.105	5.672	5.503	5.299	6.002	5.687	74343	CRTC2	NM_028881_3_+1
Sema3d	-4.981	-4.981	-4.975	-4.857	-4.250	-4.050	-2.572	-2.371	-4.981	-4.227	108151	SEMA3D	NM_028882_5_+1
Tlhc1	2.529	1.686	2.020	1.972	2.240	2.387	1.600	1.967	2.811	2.794	74347	TLDC1	NM_028883_8_-1
Smchd1	5.524	5.253	6.144	5.768	6.420	6.260	6.434	6.207	6.163	6.209	74355	SMCHD1	NM_028887_17_-1
4931428F04Rik	2.185	1.693	0.531	0.708	1.714	1.211	0.265	-0.440	-2.050	-1.140	74356	KIAA0895L	NM_028888_8_-1
Efhf1	-1.627	-4.981	-2.176	-2.272	-3.666	-1.075	-2.367	-0.170	-1.540	-2.172	98363	EFHD1	NM_028889_1_+1
4931414P19Rik	0.937	1.885	-0.248	-0.338	0.557	0.403	-0.005	-0.068	1.008	1.146	74359	C14orf93	NM_028890_14_-1
Spag17	-4.981	-1.294	-1.725	-2.435	-2.411	-2.759	-2.787	-2.203	0.519	0.010	74362	SPAG17	NM_028892_3_+1
Lonrf3	-4.981	-4.981	-4.513	-4.966	-2.826	-3.829	-2.276	-2.583	1.372	1.638	74365	LONRF3	NM_028894_X_+1
Rptor	3.936	3.641	2.949	3.431	4.220	4.371	2.985	3.021	4.013	4.085	74370	RPTOR	NM_028898_11_+1
Gcc1	3.101	3.097	3.561	3.375	3.432	3.540	3.417	3.047	4.645	4.526	74375	GCC1	NM_028900_6_-1
Myo18b	-4.981	-4.981	-4.958	-2.585	-2.469	-0.774	-3.044	-4.568	-0.256	-2.993	74376	MYO18B	NM_028901_5_-1
Hsf2bp	-4.981	-2.275	-3.165	-2.935	-0.694	-2.913	-1.394	-2.671	-3.109	-3.527	74377	HSF2BP	NM_028902_17_-1
Rmi1	3.518	3.695	4.240	3.820	3.902	3.888	3.821	4.130	4.108	4.335	74386	RMI1	NM_028904_13_+1
4932438H23Rik	-4.818	-4.778	-1.876	-2.706	-3.551	-1.229	-1.616	-4.119	-4.940	-4.981	74387	C21orf62	NM_028905_16_-1
Dpp8	4.074	3.852	5.383	5.364	5.147	5.443	5.133	5.525	6.203	6.751	74388	DPP8	NM_028906_9_+1
Map10	2.337	2.822	1.482	0.778	0.496	-0.171	0.827	0.954	2.385	2.458	74393	MAP10	NM_028908_8_+1
Zfp819	-2.494	-4.981	-2.142	-3.556	0.319	0.787	-0.104	-1.428	-3.531	-4.227	74400	NA	NM_028913_7_+1
Lrrcc1	3.350	2.364	4.010	4.280	2.662	3.134	2.952	3.111	2.419	3.331	71710	LRCC1	NM_028915_3_+1
Ttc25	-1.507	-4.981	-0.854	-2.367	-2.460	-4.797	-0.471	-3.316	-0.738	-0.915	74407	TTC25	NM_028918_11_+1
Plpp6	4.631	4.830	5.139	5.316	3.820	4.007	3.906	4.032	3.947	4.295	74411	PLPP6	NM_028922_19_+1
Gle1	5.507	5.632	4.678	4.755	4.965	4.903	5.093	5.282	5.042	5.134	74412	GLE1	NM_028923_2_+1
Tc2n	-4.981	-4.373	-4.632	-4.945	-4.840	-4.957	-4.705	-4.931	-3.608	-4.928	74413	TC2N	NM_028924_12_-1
Polr3c	4.703	4.968	5.504	5.716	5.238	5.190	5.099	5.174	5.634	5.444	74414	POLR3C	NM_028925_3_-1
Eaf1	3.589	3.782	4.090	4.383	4.059	4.136	3.908	4.142	4.950	4.904	74427	EAF1	NM_028932_14_+1
Fam134c	1.912	1.459	0.305	-0.054	1.357	1.109	1.549	1.071	1.592	1.606	67998	FAM134C	NM_028933_11_-1
4930452B06Rik	-3.843	-4.981	-1.935	-2.391	-3.676	-4.979	-4.927	-4.893	-4.981	-4.981	74430	C3orf67	NM_028934_14_-1
Zfp558	-2.413	-0.973	-0.482	0.345	-0.885	-0.092	-1.010	-0.034	-0.617	1.066	72230	ZN5F58	NM_028935_9_-1
Lrriq3	-1.165	-0.580	-1.572	-0.895	-1.158	-0.920	-2.868	-2.743	-4.981	-2.598	74435	LRRIQ3	NM_028938_3_+1
Clvs1	-4.981	-1.384	-4.981	-4.981	-4.947	-4.951	-4.404	-4.965	-4.981	-4.981	74438	CLVS1	NM_028940_4_+1
Cmpip	-4.343	-4.154	-3.169	-4.798	-2.954	-4.944	-2.041	-1.189	-4.502	-4.788	74440	CMPIP	NM_028941_8_+1
Sgms2	-4.981	-4.981	-4.882	-1.398	-4.648	-1.629	0.289	1.856	6.144	6.601	74442	SGMS2	NM_028943_3_-1
P4htm	0.686	2.218	0.003	0.683	1.060	1.596	-0.339	-0.445	-3.750	-0.616	74443	P4HTM	NM_028944_9_-1
Fam208a	4.900	5.253	4.307	4.100	4.742	4.547	4.941	4.404	4.293	4.831	218850	FAM208A	NM_028945_14_+1
Slc9b1	-4.981	-1.589	-4.214	-4.976	-4.586	-4.443	-3.672	-4.980	-4.394	-4.981	74446	SLC9B1	NM_028946_3_+1
Cfap53	-4.981	-4.981	-4.223	-3.171	-2.480	-4.488	-4.352	-4.981	-4.981	-2.516	74453	CFAP53	NM_028948_18_+1
Nsun6	2.739	3.122	2.109	2.125	2.550	1.897	2.356	2.008	2.295	2.166	74455	NSUN6	NM_028950_2_-1
Tmc1	-4.981	-4.981	-4.977	-4.319	-3.188	-2.763	-4.491	-4.894	-4.981	-2.969	13409	TMC1	NM_028953_19_-1
Pus10	2.112	2.602	3.159	2.855	2.698	2.890	2.170	1.710	2.161	2.571	74467	PUS10	NM_028956_11_+1
Cep72	2.495	3.088	1.322	1.313	2.239	2.213	2.356	2.164	1.890	1.541	74470	CEP72	NM_028959_13_-1
4933427D14Rik	3.513	3.671	3.289	2.861	3.296	3.258	2.787	2.977	2.843	2.406	74477	KIAA0753	NM_028963_11_-1
Snx29	4.577	4.817	2.650	2.652	2.597	2.849	2.288	2.689	2.876	3.055	74478	SNX29	NM_028964_16_+1
Snx11	2.952	3.249	2.800	2.765	3.709	3.549	2.731	2.945	2.335	2.353	74479	SNX11	NM_028965_11_-1
Samd4	-3.709	-4.255	-3.340	-4.902	-3.509	-3.293	-2.829	-3.355	-4.981	-4.854	74480	SAMD4A	NM_028966_14_+1
Batf2	-2.345	-4.981	1.345	2.044	-0.805	-1.024	0.840	1.656	1.941	2.255	74481	BATF2	NM_028967_19_+1
Lrrc71	1.355	0.006	-1.794	-3.028	-2.103	-1.362	-0.817	-1.183	-1.579	-1.517	74485	LRRC71	NM_028971_3_-1
Lrrc15	2.507	6.378	-3.138	-0.929	-4.938	-3.621	-4.964	-1.683	-4.981	-4.981	74488	LRRC15	NM_028973_16_-1
Tmem33	6.435	6.577	5.580	5.686	5.369	5.397	5.600	5.306	5.532	5.904	67878	TMEM33	NM_028975_5_+1
Gorasp1	2.978	2.630	2.879	2.873	2.375	2.322	3.177	3.472	4.416	4.197	74498	GORASP1	NM_028976_9_-1
Lrrc17	-2.659	-0.888	-1.821	-1.864	-3.253	-2.338	-1.774	-2.482	-2.245	-0.395	74511	LRRC17	NM_028977_5_+1
Cyp2j9	-1.217	0.551	-4.981	-4.981	-3.739	-4.015	-4.594	-3.574	-4.981	-4.981	74519	NA	NM_028979_4_-1
Ppp4r4	-3.349	-4.981	-4.981	-4.981	-5.012	-4.932	-4.885	-4.447	-4.981	-3.386	74521	PPP4R4	NM_028980_12_+1
Facna1d	4.202	4.998	0.046	-0.900	-1.488	-0.844	1.489	2.102	3.783	3.298	12289	CACNA1D	NM_028981_14_-1
Fam234b	5.562	6.065	5.465	5.535	6.571	7.481	5.925	5.706	3.370	5.638	74525	FAM234B	NM_028982_6_+1
Mgme1	1.851	-2.212	1.656	1.157	2.462	1.622	1.872	0.887	2.672	2.822	74528	MGME1	NM_028984_2_+1
Gzf1	3.557	3.545	3.672	3.567	3.596	3.453	4.106	4.137	4.925	5.177	74533	GZF1	NM_028986_2_+1
Tmem168	5.314	5.368	6.129	6.095	6.671	6.710	6.433	6.337	6.649	7.030	101118	TMEM168	NM_028990_6_-1
Gsdmc4	-4.981	-4.981	-2.982	-4.691	-4.164	-3.974	-2.992	-4.964	-1.376	-1.436	74548	GSDMC4	NM_028992_15_-1
Mau2	5.203	5.293	5.560	5.692	5.725	5.775	5.614	5.731	6.116	6.235	74549	MAU2	NM_028993_8_-1
Pck2	4.057	3.741	3.028	2.793	3.307	2.511	4.263	4.041	4.788	3.758	74551	PCK2	NM_028994_14_+1

Nipal3	4.187	4.609	3.999	3.762	3.419	3.877	2.763	2.918	2.335	2.686	74552	NIPAL3	NM_028995_4_-1
Ppp6r3	4.158	4.129	4.889	4.918	4.330	4.545	4.496	4.998	5.777	5.941	52036	PPP6R3	NM_028999_19_-1
Gvin1	1.369	0.441	-0.540	0.329	1.890	0.606	3.420	1.855	3.956	3.578	74558	NA	NM_029000_7_-1
Gvin1	1.006	-1.782	-0.151	-2.555	1.804	-2.149	2.757	-1.042	3.792	1.772	74558	NA	NM_029000_dup1_7_-2
Elovl7	-3.349	-0.403	-1.188	-1.412	-0.854	-0.347	-1.436	-0.557	0.332	1.402	74559	ELOVL7	NM_029001_13_+1
Rasgef1c	-4.981	-4.981	-3.343	-2.416	-2.058	-2.059	-2.605	-4.399	-2.659	-4.342	74563	RASGEF1C	NM_029004_11_+1
Mkl1	-0.085	-1.842	0.138	0.313	-0.772	-1.731	0.544	2.207	4.207	3.571	74568	MLKL	NM_029005_8_-1
Lvrn	-4.981	-4.981	-4.029	-3.001	-4.984	-4.984	-4.981	-4.981	-4.981	-4.981	74574	LVRN	NM_029008_18_+1
Glb1l	1.552	1.318	3.184	2.821	2.578	2.231	2.531	2.387	3.290	2.865	74577	GLB1L	NM_029010_1_-1
Pyroxd2	-0.352	0.956	-3.195	1.399	-1.032	-0.401	-1.194	1.507	1.081	2.589	74580	PYROXD2	NM_029011_19_-1
Sppl3	5.302	5.342	6.190	6.226	5.745	5.845	5.940	5.884	6.306	6.199	74585	SPPL3	NM_029012_5_+1
Mrpl47	4.222	4.113	3.723	3.731	3.829	3.886	3.610	3.361	2.572	2.581	74600	MRPL47	NM_029017_3_-1
Cd200r3	-4.981	-4.981	-4.922	-4.967	-4.967	-4.977	1.087	-3.958	-4.981	-4.981	74603	NA	NM_029018_16_+1
Star6	0.373	0.127	0.212	0.764	-0.519	-1.156	-1.200	-3.211	-0.786	-2.071	170461	STAR6	NM_029019_18_+1
Abcb8	3.384	3.600	4.116	4.150	3.459	3.717	3.385	3.614	3.595	3.662	74610	ABCB8	NM_029020_5_+1
Ocstamp	-4.981	-3.408	5.835	6.066	1.550	2.488	4.577	4.757	2.517	2.782	74614	OCSTAMP	NM_029021_2_-1
Scrn3	0.877	1.494	2.536	2.670	2.339	2.678	1.810	2.201	1.927	2.225	74616	SCRN3	NM_029022_2_+1
Scpep1	8.684	8.967	7.208	7.013	7.167	6.947	7.381	7.541	7.853	7.275	74617	SCPEP1	NM_029023_11_-1
Tmem81	1.422	1.142	0.864	0.900	1.497	1.309	1.908	1.250	2.213	2.099	74626	TMEM81	NM_029025_1_+1
Shpk	2.450	2.157	2.674	2.250	2.331	2.262	2.329	2.119	2.472	2.171	74637	SHPK	NM_029031_11_+1
Spsb1	1.131	1.175	3.634	3.526	3.699	3.068	3.614	1.790	-1.311	1.112	74646	SPSB1	NM_029035_4_-1
S100ppb	2.148	2.719	2.816	2.588	4.026	4.041	2.438	2.103	1.305	0.982	74648	S100PBP	NM_029036_4_-1
Pomk	3.433	3.987	2.958	3.681	3.206	3.642	3.414	4.162	4.517	5.209	74653	POMK	NM_029037_8_-1
Lrrc48	-1.818	-1.527	-3.355	-3.859	-4.647	-4.400	-3.411	-3.258	-3.925	-4.981	74665	DRC3	NM_029044_11_+1
4930432K21Rik	0.969	0.927	-2.534	-2.129	-2.240	-2.229	-1.959	-2.837	-4.703	-2.340	74666	C19orf57	NM_029045_8_+1
Tbc1d30	-2.362	-1.991	0.516	1.533	2.302	5.532	0.911	2.976	-0.092	1.193	74694	TBC1D30	NM_029057_10_-1
Wbp2nl	-4.981	-4.981	-4.895	-3.444	-3.618	-3.820	-4.976	-4.900	-4.981	-4.981	74716	WBP2NL	NM_029066_15_+1
Snx16	3.135	2.781	2.084	2.019	2.221	2.503	2.442	2.241	1.966	2.169	74718	SNX16	NM_029068_3_-1
Cnep1r1	4.327	4.229	4.304	4.103	3.917	3.610	4.125	3.782	3.942	4.137	382030	CNEP1R1	NM_029074_8_+1
Stx11	2.191	0.748	3.806	3.137	3.152	1.896	4.087	3.508	5.916	5.034	74732	STX11	NM_029075_10_-1
Trim14	5.955	5.922	5.754	5.389	6.449	6.290	5.996	5.804	5.936	5.905	74735	TRIM14	NM_029077_4_-1
Pcf11	5.081	5.277	5.337	5.082	5.401	5.622	5.373	5.223	5.252	5.369	74737	PCF11	NM_029078_7_-1
C2cd5	4.142	4.737	3.316	2.836	4.291	3.802	3.482	3.277	3.843	4.579	74741	C2CD5	NM_029081_6_-1
Ddit4	1.256	0.144	0.785	-0.152	3.165	2.345	3.791	3.002	3.869	3.779	74747	DDIT4	NM_029083_10_-1
Slamf8	3.294	1.747	8.714	8.487	7.337	6.551	7.953	7.282	5.863	5.007	74748	SLAMF8	NM_029084_1_-1
Trmo	4.189	3.573	3.041	2.865	3.545	3.300	3.286	3.041	2.670	3.023	74753	TRMO	NM_029086_4_-1
Naa60	5.817	5.907	5.650	5.648	6.222	6.037	6.106	6.325	7.113	7.229	74763	NAA60	NM_029090_16_+1
Klc4	3.576	3.738	3.678	3.551	3.260	3.367	3.707	3.286	4.722	3.792	74764	KLC4	NM_029091_17_-1
Trmt10c	5.018	4.769	5.074	5.014	4.776	4.714	4.755	4.683	4.310	4.265	52575	TRMT10C	NM_029092_16_-1
Pik3cb	4.067	3.504	7.747	7.687	7.201	7.348	6.481	6.352	5.272	5.680	74769	PIK3CB	NM_029094_9_-1
Rita1	1.319	1.184	0.682	0.501	0.609	1.185	0.871	0.803	1.861	1.700	100764	RITA1	NM_029096_5_-1
Atp13a2	6.491	6.725	4.703	5.338	4.735	5.210	5.158	5.724	7.090	7.129	74772	ATP13A2	NM_029097_4_+1
Lmbr1l	3.202	2.936	3.939	3.789	3.892	3.726	3.814	3.968	4.678	4.642	74775	LMBR1L	NM_029098_15_-1
Sepn1	3.531	3.484	1.872	2.008	1.414	1.198	3.386	3.893	5.719	5.753	74777	SELENON	NM_029100_4_-1
Rrp7a	5.738	5.808	5.652	5.809	5.446	5.460	5.605	5.754	5.671	5.597	74778	RRP7A	NM_029101_15_-1
Gltr8d2	-4.981	-4.981	-3.901	-3.876	-3.826	-3.783	-3.942	-4.802	-2.192	-3.205	74782	GLTR8D2	NM_029102_10_-1
Manf	8.916	8.959	7.297	7.744	6.263	6.810	6.645	7.670	5.699	6.659	74840	MANF	NM_029103_9_-1
Mss51	-0.599	0.318	-0.957	-1.654	-1.002	-0.623	-1.503	-0.369	-0.256	-0.498	74843	MSS51	NM_029104_14_-1
Meikin	-4.981	-4.981	-4.932	-4.932	-5.003	-5.003	-4.884	-4.821	-4.981	-4.981	74847	MEIKIN	NM_029105_11_+1
Fam228a	-4.981	-2.759	-4.933	-4.293	-2.710	-4.208	-4.587	-4.917	-4.029	-4.981	74855	FAM228A	NM_029107_12_-1
Morn3	-4.981	-3.267	-3.402	-4.606	-4.977	-4.977	-3.821	-3.865	-3.351	-3.853	74890	MORN3	NM_029112_5_-1
Ccdc181	4.614	5.278	3.932	4.090	3.872	4.183	3.534	3.512	2.366	2.644	74895	CCDC181	NM_029115_1_+1
Kbtbd11	4.931	4.849	4.549	3.939	3.388	2.917	4.090	3.858	3.212	3.148	74901	KBTBD11	NM_029116_8_+1
Qtrtd1	1.800	1.834	2.185	2.352	1.814	2.098	2.037	2.322	1.930	2.545	106248	QTRT2	NM_029128_16_-1
Cep57l1	3.264	3.523	1.568	1.488	2.073	2.757	1.267	0.013	0.113	-1.007	103268	CEP57L1	NM_029132_10_-1
Syce1l	-4.981	-4.981	-4.979	-4.979	-4.960	-4.972	-4.572	-4.950	-4.981	-4.981	668110	SYCE1L	NM_029139_8_+1
Tmbim7	0.905	-0.694	-4.943	-4.961	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	75010	NA	NM_029141_5_+1
Tmx4	4.423	4.533	3.267	3.394	3.550	3.658	3.828	3.935	5.339	5.398	52837	TMX4	NM_029148_2_-1
Scamp1	3.252	4.109	3.504	3.912	2.861	3.137	3.598	4.031	4.236	4.933	107767	SCAMP1	NM_029153_13_-1
Tmbim7	1.258	-1.170	-4.248	-4.950	-4.981	-4.981	-4.956	-4.308	-4.981	-4.981	75010	NA	NM_029154_5_+1
Sf3a3	6.486	6.436	6.096	6.155	6.451	6.319	6.316	6.180	5.495	5.515	75062	SF3A3	NM_029157_4_+1
Zbtb49	2.564	2.095	2.308	2.270	2.197	2.228	1.649	2.255	2.236	2.207	75079	ZBTB49	NM_029162_5_-1
Usp50	-1.884	-4.981	-4.502	-4.198	-3.441	-4.587	-4.295	-4.565	-2.224	-3.191	75083	USP50	NM_029163_2_-1
Uhrf1bp1l	5.535	5.290	5.250	4.629	5.902	5.236	5.621	4.882	5.836	5.424	75089	UHRF1BP1L	NM_029166_10_+1
Rbm6	0.425	1.502	2.454	1.767	1.538	2.843	2.001	2.227	3.315	3.316	19654	RBM6	NM_029169_9_-1
Nxn1l2	-2.842	-2.060	-4.272	-3.646	-3.837	-3.398	-4.589	-4.090	-4.981	-4.981	75124	NXN1L2	NM_029173_13_+1
Rasd2	-4.981	-4.981	-1.100	-1.970	-0.108	0.935	1.488	0.920	-1.792	-1.809	75141	RASD2	NM_029182_8_+1
Mfsd13a	1.884	0.199	2.062	1.840	2.049	1.731	2.883	1.855	4.003	3.315	75146	MFSD13A	NM_029186_19_+1
Ccdc146	-3.349	-4.981	-3.540	-2.281	-2.162	-1.746	-1.930	-2.543	-1.883	-1.733	75172	CCDC146	NM_029195_5_-1
Tex38	-1.422	-1.620	-3.557	-3.641	-4.839	-4.509	-4.870	-4.862	-4.981	-4.981	75173	TEX38	NM_029196_4_-1
Meiob	-1.002	-0.629	-4.825	-2.470	-4.628	1.229	-4.941	-2.697	-4.981	-1.823	75178	MEIOB	NM_029197_17_+1
4930538K18Rik	-2.842	-3.408	-4.960	-4.960	-2.926	-4.467	-2.720	-2.801	-2.053	-4.342	75180	LOC100129924	NM_029198_4_-1
Ankrd7	-4.981	-3.509	-4.981	-4.981	-4.178	-4.747	-4.981	-4.981	-4.410	-4.446	75196	ANKRD7	NM_029202_6_+1
Sv2c	1.276	-0.509	-2.983	-4.987	-4.384	-4.957	-3.688	-4.488	-4.057	-4.316	75209	SV2C	NM_029210_13_-1

Rnf121	3.675	3.922	3.260	3.728	3.508	3.480	2.995	3.206	2.796	3.271	75212	RNF121	NM_029211_7_-1
Ccdc33	-4.981	-4.981	-4.088	-3.390	-4.994	-4.994	-4.845	-4.218	-4.981	-4.981	382077	CCDC33	NM_029212_9_-1
Chd5	-4.981	-4.981	-4.650	-4.650	-4.135	-4.950	-4.581	-3.629	-1.157	-4.096	269610	CHD5	NM_029216_4_+1
Rnf19b	5.868	6.101	6.880	6.934	6.961	7.107	6.976	6.571	6.644	6.821	75234	RNF19B	NM_029219_4_+1
Pelp1	2.192	2.163	2.809	2.593	2.943	2.252	2.878	2.255	2.658	2.702	75273	PELP1	NM_029231_11_-1
Bcdin3d	3.807	3.955	1.656	1.540	1.866	1.881	2.401	2.634	2.937	2.705	75284	BCDIN3D	NM_029236_15_-1
Prkd3	1.965	1.871	3.108	2.615	1.957	1.875	3.176	2.957	2.629	2.897	75292	PRKD3	NM_029239_17_-1
Ankrd53	-4.981	-4.981	-3.503	-4.850	-4.756	-4.743	-4.959	-4.824	-4.981	-4.227	75305	ANKRD53	NM_029245_6_+1
4930550C14Rik	-2.727	-4.981	-2.670	-1.903	-4.833	-4.741	-3.361	-4.764	-1.911	-2.266	75311	C11orf65	NM_029247_9_+1
Taf1d	2.080	1.726	1.459	1.344	0.870	0.794	1.602	1.441	1.746	-0.046	75316	TAFF1D	NM_029248_9_+1
Parppb	-2.620	-0.152	0.934	1.071	1.350	0.388	1.077	0.304	-0.623	-1.249	75317	PARPPB	NM_029249_10_-1
Etnk1	6.045	5.999	6.086	5.823	6.897	6.658	6.330	5.888	5.871	6.086	75320	ETNK1	NM_029250_6_+1
Atf7ip2	-4.981	-4.981	-4.954	-4.954	-1.310	-2.627	-3.550	-4.968	-4.981	-4.981	75329	ATF7IP2	NM_029253_16_+1
Spdya	-1.083	-0.496	-2.015	-0.829	-0.955	-1.511	-0.296	-1.362	-1.311	-0.565	70891	SPDYA	NM_029254_17_+1
4930564C03Rik	-3.843	-4.981	-3.788	-3.651	-4.765	-4.950	-4.209	-4.612	-4.981	-4.342	75341	NA	NM_029257_17_-1
Boll	-4.981	-4.981	-2.464	-2.929	-2.749	-4.405	-3.128	-4.690	-4.981	-4.981	75388	BOLL	NM_029267_1_-1
Spp2	-4.981	-2.365	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	75396	SPP2	NM_029269_1_+1
Arhgap24	4.620	4.389	-2.599	-1.231	-3.259	-0.709	-0.814	1.056	3.827	2.416	231532	ARHGAP24	NM_029270_5_+1
Mrpl32	6.384	6.575	5.687	5.720	5.550	5.704	5.744	5.543	4.672	4.851	75398	MRPL32	NM_029271_13_-1
Ndufs7	7.953	7.882	6.727	6.782	6.985	7.179	7.263	7.228	6.685	6.543	75406	NDUFS7	NM_029272_10_+1
Kmt2b	2.717	3.218	1.992	0.632	2.623	1.092	1.930	1.665	-0.202	1.024	75410	KMT2B	NM_029274_7_-1
Arhgap12	4.590	4.940	3.595	3.152	2.921	3.255	3.428	3.280	2.782	3.467	75415	ARHGAP12	NM_029277_18_-1
Nop14	4.750	4.554	5.294	5.097	4.612	4.784	4.598	4.494	3.609	3.297	75416	NOP14	NM_029278_5_-1
Secisbp2	4.937	4.930	4.870	4.841	5.260	5.301	5.088	4.854	4.456	4.663	75420	SECISBP2	NM_029279_13_+1
Mettl5	5.027	4.766	3.858	3.688	4.105	4.104	4.157	4.019	3.216	3.372	75422	METTL5	NM_029280_2_-1
Zfp820	0.477	0.869	-3.468	-2.902	-3.965	-3.096	-4.444	-2.074	-4.981	-2.062	75424	NA	NM_029281_17_-1
Tti1	3.304	3.797	4.894	4.601	4.878	4.928	4.546	4.152	4.296	4.243	75425	TTI1	NM_029282_2_-1
Ccdc30	-4.981	-3.682	-4.981	-4.981	-4.975	-4.975	-4.981	-4.981	-4.981	-4.981	73332	NA	NM_029286_4_-1
170001103Rik	-4.981	-2.600	0.172	-0.983	2.045	1.714	0.629	-1.067	-3.088	-1.874	75444	NA	NM_029290_18_+1
Ascc2	4.026	3.860	4.451	4.836	4.438	4.644	4.371	4.501	4.509	4.921	75452	ASCC2	NM_029291_11_+1
Phpt1	5.822	5.651	4.504	4.649	5.277	5.491	5.084	4.840	3.114	3.220	75454	PHPT1	NM_029293_2_-1
Prps11	-4.981	-4.981	-3.241	-4.959	-4.981	-4.981	-4.494	-4.798	-2.149	-4.981	75456	PRPS11	NM_029294_12_+1
Cklf	5.366	5.682	4.930	4.706	5.099	5.280	5.436	5.262	4.293	4.743	75458	CKLF	NM_029295_8_+1
1700001C19Rik	-4.981	-4.981	-2.743	-4.224	-2.253	-4.379	-1.642	-4.863	-2.598	-4.981	75462	LOC102723903	NM_029296_17_-1
Dynlrb2	-2.842	-2.239	-4.981	-4.981	-4.988	-4.648	-4.049	-4.907	-4.981	-4.981	75465	DYNLRB2	NM_029297_8_+1
1700003F12Rik	-2.268	-4.981	-2.754	-4.131	-3.023	-3.777	-2.946	-3.081	-3.750	-4.316	75480	NA	NM_029305_2_+1
1700012B09Rik	-4.981	-4.981	-4.979	-4.979	-2.661	-3.984	-2.103	-4.999	-0.932	-1.995	69325	C11orf97	NM_029306_9_-1
Hspb9	-4.981	-4.981	-2.623	-4.586	-4.834	-4.937	-3.814	-4.368	-2.552	-3.459	75482	HSPB9	NM_029307_11_+1
Pou5f2	1.554	1.927	0.434	1.078	1.606	1.595	1.294	0.358	0.559	0.514	75507	POU5F2	NM_029315_13_+1
Pibf1	4.656	4.958	4.037	3.827	4.324	4.480	4.287	4.306	3.779	3.915	52023	PIBF1	NM_029320_14_+1
Ttc32	4.338	4.513	3.695	3.657	3.745	3.923	3.868	3.534	2.921	3.129	75516	TTC32	NM_029321_12_+1
Tex29	-4.981	-4.981	-4.045	-4.978	-4.750	-4.837	-4.935	-4.816	-3.738	-4.316	75528	NA	NM_029326_8_+1
Lymr7	3.219	2.764	-0.483	-2.212	0.504	-2.253	0.255	-1.093	-0.428	-1.848	75530	LYMR7	NM_029327_11_-1
Fpgt	3.391	3.256	2.913	2.919	2.762	2.830	2.888	2.967	3.183	4.004	75540	FPGT	NM_029330_3_-1
Nat8f4	0.672	1.009	0.564	1.585	0.973	1.736	0.826	-0.278	-0.568	0.181	75541	NA	NM_029331_6_-1
Akap13	6.398	6.512	7.345	7.435	8.345	8.409	8.104	7.952	8.872	8.885	75547	AKAP13	NM_029332_7_+1
Zc3h14	5.866	6.075	5.590	5.786	5.551	5.496	5.313	5.563	5.304	5.730	75553	ZC3H14	NM_029334_12_+1
Spata45	-4.981	-4.981	-4.667	-4.604	-4.102	-4.991	-4.492	-4.792	-4.981	-4.981	75558	SPATA45	NM_029336_1_+1
Ep400	2.765	1.705	3.289	2.395	3.042	2.724	2.817	2.845	3.074	2.324	75560	EP400	NM_029337_5_-1
Rsp9	-0.419	-4.981	-1.485	-3.446	-3.804	-4.955	-2.213	-4.127	-0.581	-2.946	75564	RSPH9	NM_029338_17_-1
Sgf29	5.150	5.158	4.750	4.804	4.821	4.799	5.025	4.915	4.333	4.137	75565	SGF29	NM_029339_7_+1
Capsl	0.496	1.499	-0.282	-0.189	2.546	1.889	1.062	0.076	-0.660	1.299	75568	CAPSL	NM_029341_15_+1
Nhej1	2.562	2.732	2.123	1.880	1.866	1.753	1.871	1.876	2.289	2.424	75570	NHEJ1	NM_029342_1_-1
Spata9	-0.642	-3.408	-3.540	-4.771	-4.371	-4.341	-4.014	-4.511	-3.531	-4.227	75571	SPATA9	NM_029343_13_+1
Acyp2	0.135	2.274	-1.863	1.812	-0.746	1.414	-0.080	2.216	0.348	1.639	75572	ACYP2	NM_029344_11_-1
Prr29	-4.981	-4.981	-4.928	-3.617	-1.770	1.448	-3.141	-1.392	-4.190	-4.981	75573	PRR29	NM_029345_11_+1
Fggy	2.919	3.283	-1.434	-1.091	-2.303	-0.388	-2.514	-0.890	-1.788	0.941	75578	FGGY	NM_029347_4_+1
Zbtb4	3.663	3.762	2.607	2.869	3.030	3.417	3.276	2.917	1.897	1.935	75580	ZBTB4	NM_029348_11_+1
2310035C23Rik	4.008	3.642	1.919	0.490	2.613	3.050	2.912	0.411	1.212	3.195	227446	KIAA1468	NM_029349_1_+1
Dusp9	4.054	4.059	-1.422	-0.762	0.643	-0.221	-0.412	-1.670	-3.925	-3.229	75590	DUSP9	NM_029352_X_+1
Malsu1	5.581	5.487	4.517	4.633	4.216	4.309	4.560	4.401	4.029	3.857	75593	MALSU1	NM_029353_6_+1
Mzt2	3.875	3.725	2.448	2.867	2.286	2.385	2.404	2.528	2.294	2.179	72083	MZT2A	NM_029354_16_-1
Pcdh1	-4.981	-4.981	1.596	1.914	1.411	3.437	1.388	1.424	-4.981	-4.981	75599	PCDH1	NM_029357_18_-1
Tm4sf5	2.868	2.280	3.355	3.351	1.737	0.906	1.286	-0.193	-4.981	-4.981	75604	TM4SF5	NM_029360_11_+1
Wnk2	-4.981	-4.981	-4.981	-4.981	-4.515	-4.969	-4.978	-4.672	-1.919	-4.366	75607	WNK2	NM_029361_13_-1
Chmp4b	4.833	3.841	4.607	3.904	4.194	3.711	4.724	3.752	4.258	3.741	75608	CHMP4B	NM_029362_2_+1
2010109A12Rik	-1.384	-4.981	-2.772	-4.603	-4.621	-4.565	-4.286	-4.997	-4.981	-4.342	75610	NA	NM_029363_5_+1
Gns	7.694	7.212	7.750	7.624	7.284	6.572	7.240	7.058	7.451	7.117	75612	GNS	NM_029364_10_+1
Med25	3.840	3.752	3.189	3.621	3.578	3.457	3.924	4.012	5.043	4.657	75613	MED25	NM_029365_7_-1
Kxd1	6.864	6.627	6.356	6.113	6.245	6.088	6.309	6.194	6.147	5.970	75620	KXD1	NM_029366_8_-1
Tex30	5.461	4.433	4.292	4.018	3.869	3.654	4.378	4.153	2.981	3.072	75623	TEX30	NM_029368_1_-1
Htatsf1	3.876	4.798	3.450	4.024	3.917	3.863	3.659	3.397	3.810	3.628	72459	HTATSF1	NM_029371_X_+1
Lin37	6.021	5.826	5.228	5.087	5.235	5.200	5.215	4.819	4.247	4.063	75660	LIN37	NM_029377_7_-1
Tex22	-4.981	-3.315	-3.139	-4.147	-4.510	-3.880	-4.671	-4.621	-4.981	-3.165	75671	TEX22	NM_029381_12_+1

Tmem238	-0.907	-0.339	2.369	2.204	2.267	2.261	3.032	2.558	0.617	0.316	664968	TMEM238	NM_029384_7_-1
Nudt16	6.714	6.959	6.005	5.951	5.891	6.032	5.277	5.153	4.225	4.291	75686	NUDT16	NM_029385_9_-1
Fam35a	4.208	4.339	4.143	3.827	4.824	4.912	4.133	3.469	3.887	3.542	75698	FAM35A	NM_029389_14_-1
Rab4b	7.386	7.378	7.103	7.105	7.209	7.300	6.755	6.725	6.701	6.301	19342	RAB4B	NM_029391_7_-1
Krt24	-3.349	-4.981	-4.940	-4.601	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	75706	KRT24	NM_029393_11_-1
Snx24	0.487	-2.060	4.264	4.103	0.777	-0.010	0.779	2.101	-0.359	3.316	69226	SNX24	NM_029394_18_+1
Rbm12	3.359	2.604	4.254	4.107	4.385	3.982	3.460	3.804	4.692	4.595	75710	RBM12	NM_029397_2_-1
Tmem14a	1.374	1.533	0.447	0.718	2.832	1.680	1.523	0.623	0.292	0.519	75712	TMEM14A	NM_029398_1_+1
Cul2	4.837	4.970	5.161	5.256	4.816	4.981	4.764	4.908	4.902	5.299	71745	CUL2	NM_029402_18_+1
Phf14	-0.216	0.393	-0.224	-1.267	0.068	0.029	-0.458	-1.081	-0.352	-0.172	75725	PHF14	NM_029404_6_+1
Pih1d1	4.678	4.297	3.842	3.715	3.551	2.962	3.796	3.563	3.552	2.952	68845	PIH1D1	NM_029406_7_+1
Fam227a	-4.981	-1.321	-2.817	-2.971	-4.099	-3.899	-3.912	-3.473	-1.170	-2.426	75729	FAM227A	NM_029407_15_-1
Iqcd	-3.843	-2.160	-4.853	-4.853	-4.250	-4.299	-2.955	-2.163	-2.377	-1.922	75732	IQCD	NM_029408_5_+1
Mif	6.978	6.452	6.512	6.061	6.703	6.084	6.549	6.067	6.608	6.257	75734	NA	NM_029409_1_+1
Bcl2l12	4.349	4.358	3.542	3.326	4.281	4.295	3.858	3.607	3.269	2.879	75736	BCL2L12	NM_029410_7_-1
Egfm1	-4.351	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	75740	NA	NM_029412_3_+1
Morc4	-4.848	-4.647	-4.981	-4.980	-4.938	-4.978	-4.873	-4.966	-4.981	-4.933	75746	MORC4	NM_029413_X_-1
9130401M01Rik	5.448	5.340	5.446	5.315	5.403	5.333	5.595	5.434	5.647	5.252	75758	C8orf76	NM_029418_15_-1
Apol7a	-4.981	-4.981	-4.638	-4.952	-4.974	-4.974	-4.980	-4.980	-4.981	-4.981	75761	NA	NM_029419_15_-1
Slx1b	2.379	2.286	2.833	1.862	2.622	1.825	2.804	2.693	2.999	3.326	75764	SLX1A SLX1B	NM_029420_7_-1
Dcstamp	-4.920	-4.981	-0.174	2.459	-1.520	2.177	-2.895	0.430	-4.864	-4.943	75766	DCSTAMP	NM_029422_15_+1
Rab11fip1	1.446	1.537	5.664	5.612	5.274	5.171	5.094	4.588	4.905	4.379	75767	RAB11FIP1	NM_029423_8_-1
Brsk2	-1.872	-4.685	-2.832	-3.849	-4.975	-4.981	-3.450	-4.241	-4.826	-2.560	75770	BRSK2	NM_029426_7_+1
Them4	2.407	2.383	1.759	1.898	1.096	1.405	1.122	1.126	0.997	1.683	75778	THEM4	NM_029431_3_+1
4930402H24Rik	2.510	2.503	2.793	2.593	2.192	2.620	1.857	2.292	2.846	3.154	228602	C20orf194	NM_029432_2_-1
Lca5	0.183	0.087	-2.973	-3.053	-2.166	-4.756	-1.696	-2.716	-4.981	-4.481	75782	LCA5	NM_029434_9_-1
Khlh24	5.554	5.611	5.302	5.131	5.120	5.218	5.536	5.496	6.259	6.440	75785	KLHL24	NM_029436_16_+1
Kcap5	-2.084	-0.430	1.588	-0.039	-0.313	-0.448	-0.498	-0.123	-1.956	-2.249	75786	KCAP5	NM_029437_2_+1
Smurf1	0.908	2.658	2.084	1.260	2.243	1.537	2.152	2.306	2.274	2.935	75788	SMURF1	NM_029438_5_-1
Wdr95	-2.842	-4.981	1.078	-1.899	-0.401	0.564	0.201	-2.783	-3.925	-4.981	381693	NA	NM_029440_5_+1
Cdyl2	4.904	4.308	4.681	4.358	5.960	5.601	5.241	4.327	3.625	2.923	75796	CDYL2	NM_029441_8_-1
4930447C04Rik	0.338	-4.981	-3.058	-4.569	-3.914	-4.973	-2.455	-4.819	-4.981	-4.981	75801	C14orf39	NM_029444_12_-1
Nln	2.655	3.270	3.803	3.746	2.007	2.344	3.457	4.184	5.083	5.067	75805	NLN	NM_029447_13_-1
Ppp6r3	2.678	2.819	2.161	2.127	3.266	2.425	2.842	1.888	2.730	2.070	52036	PPP6R3	NM_029456_19_-1
Senp2	4.667	4.530	5.436	5.206	5.189	5.336	5.243	5.210	5.893	5.587	75826	SENP2	NM_029457_16_+1
Tex26	-4.981	-4.981	-4.981	-4.981	-3.096	-4.214	-4.743	-4.757	-4.981	-4.981	75860	TEX26	NM_029464_5_+1
Clec4g	4.841	5.057	0.002	-0.953	0.946	1.762	2.016	2.018	-0.251	-3.165	75863	CLEC4G	NM_029465_8_-1
Arl5b	2.462	2.726	3.130	3.056	2.490	2.523	2.719	2.457	2.693	3.139	75869	ARL5B	NM_029466_2_+1
Tcam1	-2.164	-4.981	-4.947	-4.947	-3.735	-4.622	-3.543	-4.768	-3.109	-4.981	75870	NA	NM_029467_11_+1
Zfp821	-3.800	-4.068	-2.291	-4.752	-2.631	-2.556	-2.344	-4.450	-4.226	-0.940	75871	ZNF821	NM_029468_8_+1
Adal	2.189	3.476	1.693	1.759	1.614	2.421	1.632	2.232	2.036	2.803	75894	ADAL	NM_029475_2_+1
Vmp1	6.439	6.482	6.301	6.374	6.645	6.732	6.831	6.911	6.717	6.881	75909	VMP1	NM_029478_11_-1
4930579G24Rik	3.278	3.253	2.755	2.919	3.196	2.652	2.840	2.817	2.559	2.322	75939	C4orf46	NM_029482_3_+1
Spata24	1.449	2.533	0.299	0.502	0.887	1.468	0.171	0.589	-2.141	-2.383	71242	SPATA24	NM_029485_18_-1
Trappc8	0.863	-0.464	1.625	0.845	0.961	0.672	1.374	0.676	2.335	2.176	75964	TRAPPC8	NM_029491_18_-1
Zdhhc20	6.730	7.057	6.457	6.134	5.823	5.762	6.178	6.322	6.908	7.155	75965	ZDHHC20	NM_029492_14_-1
Rab30	3.702	4.149	6.414	6.620	6.713	7.151	4.605	4.769	-3.373	-0.884	75985	RAB30	NM_029494_7_+1
Epsti1	7.297	7.426	8.181	8.339	7.623	7.058	7.578	7.027	6.936	6.717	108670	EPSTI1	NM_029495_14_+1
Urb1	3.306	3.245	3.517	3.571	3.722	3.850	3.346	3.250	3.081	3.173	207932	URB1	NM_029497_16_-1
Zmym2	5.577	5.578	5.373	5.161	5.425	5.382	5.298	5.186	4.991	5.563	76007	ZMYM2	NM_029498_14_+1
Ms4a4c	6.371	6.910	4.621	4.665	8.764	7.920	8.554	8.548	8.998	9.105	64380	NA	NM_029499_19_+1
Cant1	3.749	4.216	3.513	4.151	3.714	4.490	3.150	4.206	4.512	4.884	76025	CANT1	NM_029502_11_-1
Ap3m2	4.441	4.564	3.733	3.573	4.198	4.151	3.541	3.615	3.974	4.093	64933	AP3M2	NM_029505_8_-1
Pcgf5	4.541	4.762	4.993	4.833	4.824	4.705	4.471	4.218	4.213	4.250	76073	PCGF5	NM_029508_19_+1
Gbp8	5.950	5.926	5.133	5.116	7.027	7.520	6.281	6.040	0.874	1.564	76074	NA	NM_029509_5_-1
Bcor	1.886	1.805	1.438	2.101	3.220	2.864	2.224	1.350	3.801	3.673	71458	BCOR	NM_029510_X_-1
Ttpal	1.859	2.812	0.138	1.432	1.665	1.039	2.006	2.868	1.076	2.843	76080	TPPAL	NM_029512_2_+1
Rap2a	2.995	3.178	5.291	5.070	4.546	4.555	5.858	6.135	6.456	7.091	76108	RAP2A	NM_029519_14_+1
Gpsm2	-3.398	0.553	-0.379	1.427	-0.414	1.166	1.430	2.705	3.702	3.888	76123	GPSM2	NM_029522_3_-1
Depdc1a	-4.981	-4.981	-4.594	-4.861	-3.775	-4.924	-4.639	-3.258	-4.835	-1.639	76131	DEPDC1	NM_029523_3_+1
Prex2	-4.981	-4.981	-4.951	-4.951	-4.943	-4.943	-4.961	-4.971	-4.981	-4.981	109294	PREX2	NM_029525_1_+1
Fam131b	-4.981	-3.613	-4.710	-3.706	-1.620	-0.696	-4.090	-4.581	-4.981	-4.981	76156	FAM131B	NM_029528_6_-1
Slc35d3	-0.311	0.271	-4.415	-0.561	-0.741	0.522	-1.739	-3.892	-4.394	-4.981	76157	SLC35D3	NM_029529_10_-1
Zfp60	3.121	3.500	3.296	3.235	3.576	3.469	3.363	3.165	2.266	3.131	22718	NA	NM_029531_7_+1
Snrnp35	4.317	4.591	3.559	3.468	3.450	3.023	3.141	3.046	2.619	2.399	76167	SNRNP35	NM_029532_5_+1
Tmem98	-3.349	-2.883	-4.934	-0.309	-4.876	-1.871	-2.805	-0.665	-4.981	-1.759	103743	TMEM98	NM_029537_11_+1
Dtd2	4.700	4.516	3.726	3.778	3.647	3.239	3.634	3.325	3.329	3.034	328092	DTD2	NM_029545_12_-1
Pwp2	3.156	2.915	3.375	3.314	3.704	3.598	3.580	3.594	4.025	3.705	110816	NA	NM_029546_10_-1
Rph3al	-4.981	-3.267	-2.516	-1.946	-2.046	0.105	-2.766	-1.149	-2.305	-3.165	380714	RPH3AL	NM_029548_11_-1
Ttc8	2.834	3.135	3.077	3.287	2.242	2.781	0.381	1.745	-0.925	-0.852	76260	TTC8	NM_029553_12_+1
0610040J01Rik	-0.554	-2.883	3.450	2.859	0.355	-3.681	3.065	2.235	4.607	3.992	76261	C4orf19	NM_029554_5_+1
Gstk1	5.003	5.485	3.074	3.106	4.222	4.424	3.506	3.448	2.044	2.195	76263	GSTK1	NM_029555_6_+1
Clybl	5.645	5.745	4.139	4.142	3.488	3.918	3.469	3.742	3.103	2.781	69634	CLYBL	NM_029556_14_+1
Tsen54	3.324	3.286	4.175	4.311	3.942	3.885	3.796	3.936	3.541	3.540	76265	TSEN54	NM_029557_11_+1

Ndfip2	5.448	5.826	5.046	5.271	4.634	5.020	4.562	5.207	4.911	5.439	76273	NDFIP2	NM_029561_14_+_1
Cyp2d26	-4.981	-4.981	-4.948	-4.179	-4.759	-4.974	-4.981	-4.981	-4.981	-4.227	76279	NA	NM_029562_15_-_1
Rap1gap	-1.458	-0.808	-0.246	0.237	-3.388	-2.178	-2.706	-2.513	-1.049	-1.227	110351	RAP1GAP	NM_029563_4_+_1
Tax1bp3	3.812	3.486	5.398	5.303	4.511	4.344	5.456	5.199	4.984	4.778	76281	TAX1BP3	NM_029564_11_+_1
Tmem59	9.893	9.991	8.567	8.564	8.621	8.842	8.695	8.858	8.532	8.703	56374	TMEM59	NM_029565_4_+_1
Asb5	-1.262	0.561	-0.257	-0.655	-3.273	-3.094	-4.406	-2.607	-1.540	-2.425	76294	ASB5	NM_029569_8_+_1
Atp11b	5.398	5.397	5.639	5.650	5.923	5.658	6.062	5.886	6.752	6.889	76295	ATP11B	NM_029570_3_+_1
Kti12	4.816	4.599	4.759	4.778	4.522	4.386	4.642	4.523	4.499	4.197	100087	KTI12	NM_029571_4_+_1
Erp44	7.758	7.837	7.662	7.916	6.509	6.718	6.716	7.261	6.887	7.272	76299	ERP44	NM_029572_4_-_1
Idh3a	6.470	6.696	5.998	6.275	6.328	6.522	6.093	6.168	4.930	4.986	67834	IDH3A	NM_029573_9_+_1
Tgfb2	4.107	3.943	4.465	4.595	3.861	4.481	5.181	5.443	5.283	5.855	21813	TGFBR2	NM_029575_9_-_1
Rab1b	7.121	7.096	7.571	7.770	7.293	7.328	7.367	7.599	8.355	8.202	76308	RAB1B	NM_029576_19_-_1
Tgds	4.573	4.750	4.566	4.562	4.460	4.612	3.927	4.238	3.762	3.991	76355	TGDS	NM_029578_14_-_1
Trmt5	3.628	3.662	3.262	3.500	2.962	3.209	3.175	2.966	2.479	2.705	76357	TRMT5	NM_029580_12_-_1
Mtif3	2.199	2.504	3.295	3.695	2.879	2.218	2.448	2.513	2.125	2.213	76366	MTIF3	NM_029581_5_-_1
Txndc11	6.090	5.837	5.364	5.202	4.695	5.022	5.055	5.679	5.606	5.738	106200	TXNDC11	NM_029582_16_-_1
Zfp773	0.077	0.309	-0.633	-0.224	0.006	0.782	-0.623	0.509	-0.248	1.440	76373	NA	NM_029584_7_-_1
Det1	2.862	2.665	3.092	2.951	3.126	3.020	3.016	3.090	3.073	3.205	76375	DET1	NM_029585_7_-_1
Cep112	-4.981	-4.981	-4.981	-4.981	-4.384	-4.926	-4.965	-4.729	-4.981	-4.981	76380	CEP112	NM_029586_11_+_1
H2al1m	-4.981	-4.981	-3.730	-4.007	-4.306	-4.857	-3.871	-3.473	-4.981	-4.006	76383	LOC101928761	NM_029588_X_+_1
Tmem53	-4.552	-1.355	-4.952	-4.952	-4.978	-3.796	-4.856	-4.968	-2.659	-1.580	68777	TMEM53	NM_029589_4_+_1
Abcc3	1.222	-0.338	1.451	1.563	2.125	1.113	1.946	3.671	3.011	5.518	76408	ABCC3	NM_029600_11_-_1
Ift43	-3.977	-4.760	-4.921	-4.923	-4.907	-4.932	-4.849	-4.954	-4.961	-4.855	76411	IFT43	NM_029601_12_+_1
Znrd1as	1.268	1.291	0.537	0.805	0.717	0.975	0.039	-0.031	-1.135	-0.437	76416	NA	NM_029602_17_+_1
Pifo	2.245	1.894	-2.174	-2.131	-2.961	-4.584	-3.271	-1.564	-4.394	-3.855	100503311	PIFO	NM_029603_3_-_1
Cep112	-4.981	-4.981	-1.247	-2.586	-0.659	-0.351	-3.591	-2.039	-2.605	-4.981	76380	CEP112	NM_029606_11_+_1
Gid8	-4.678	-1.801	-2.656	-3.167	-2.649	-4.182	-3.032	-4.276	-0.102	-4.935	76425	GID8	NM_029607_2_+_1
Fam209	-0.147	-0.341	-1.046	-2.208	-1.749	-2.283	-0.792	-2.203	-0.266	-0.733	76426	FAM209B	NM_029608_2_+_1
Lhpp	2.533	2.632	3.779	4.242	4.649	4.740	4.205	4.086	2.648	3.092	76429	LHPP	NM_029609_7_+_1
Lyrm1	-0.992	-1.421	-0.848	-0.469	-0.432	-1.377	-0.910	-2.298	-1.503	-2.277	73919	LYRM1	NM_029610_7_+_1
Slamf9	9.381	9.512	2.483	2.872	2.434	2.669	4.567	4.870	1.822	0.651	98365	SLAMF9	NM_029612_1_+_1
Prss23	-4.981	-4.981	-4.349	-4.956	-4.677	-4.488	-4.915	-4.850	-4.981	-4.981	76453	PRSS23	NM_029614_7_-_1
Med27	-0.812	0.576	-0.838	-1.026	-0.965	-1.177	-1.138	-0.772	-0.736	0.079	68975	MED27	NM_029615_2_+_1
Knl1	3.230	-0.221	3.838	3.473	4.132	3.407	3.617	2.469	1.614	1.367	76464	KNL1	NM_029617_2_+_1
Msrb2	3.652	3.880	2.052	1.930	2.494	0.771	1.958	1.132	2.391	1.037	76467	MSRB2	NM_029619_2_+_1
Pcolce2	0.761	-4.981	-0.475	-1.501	0.143	-2.345	0.292	-1.328	-2.305	-3.480	76477	PCOLCE2	NM_029620_9_+_1
Haus8	2.026	0.143	1.923	2.344	4.534	4.432	3.233	2.172	0.998	0.643	76478	HAUS8	NM_029621_8_-_1
3110002H16Rik	6.080	6.542	5.681	5.791	5.656	5.790	5.294	5.634	5.867	5.886	76482	C18orf8	NM_029623_18_+_1
Lmf1	5.658	5.716	4.132	4.353	4.081	4.320	4.372	4.989	5.596	6.017	76483	LMF1	NM_029624_17_+_1
Glt8d1	3.160	3.410	1.192	1.089	1.051	1.156	1.031	2.039	3.021	3.117	76485	GLT8D1	NM_029626_14_+_1
Ly6k	5.714	5.272	-1.317	-1.550	-2.502	-1.293	-1.060	0.631	-2.712	-4.227	76486	NA	NM_029627_15_-_1
Fahd2a	4.482	4.758	3.529	4.104	3.122	3.719	3.014	3.568	2.638	2.908	68126	FAHD2B	NM_029629_2_-_1
Abhd14b	4.972	1.996	0.501	-4.706	2.102	-4.730	2.054	-4.190	1.312	-3.210	76491	ABHD14B	NM_029631_9_+_1
Ppp1r11	7.474	7.507	7.964	8.164	7.465	7.813	6.917	6.788	5.094	5.153	76497	PPP1R11	NM_029632_17_-_1
Clasp2	1.572	1.919	1.765	1.716	2.363	2.377	1.653	2.438	1.446	1.438	76499	CLASP2	NM_029633_9_+_1
Ipk6k2	1.303	1.903	1.128	1.196	0.638	1.097	0.360	0.952	0.072	1.347	76500	IPK2	NM_029634_9_+_1
Commd9	4.981	5.031	4.000	4.517	4.107	4.236	3.905	4.185	3.620	3.754	76501	COMMD9	NM_029635_2_+_1
Aoc1	-4.981	-4.981	-4.936	-4.936	-2.960	-0.566	-2.642	-4.120	-4.981	-4.981	76507	AOC1	NM_029638_6_+_1
Plet1	-4.981	-4.981	-1.260	-1.372	-3.226	-4.333	-4.210	-4.883	-3.738	-4.981	76509	PLET1	NM_029639_9_+_1
Trappc9	1.297	0.749	1.459	1.581	0.716	0.994	1.428	1.555	2.733	2.497	76510	TRAPPC9	NM_029640_15_-_1
Slc52a2	4.477	4.278	4.295	4.124	3.986	3.952	3.490	2.970	3.251	2.566	52710	SLC52A2	NM_029643_15_+_1
Gatc	5.162	5.267	4.573	4.463	4.192	4.163	4.830	4.845	5.378	5.242	384281	GATC	NM_029645_5_-_1
Il34	-1.541	-1.786	-4.980	-4.980	-4.981	-4.981	-4.980	-4.979	-4.981	-4.981	76527	IL34	NM_029646_8_-_1
Fam204a	5.704	5.847	5.468	4.636	4.821	5.169	4.804	4.766	4.254	4.374	76539	FAM204A	NM_029648_19_-_1
Tmem101	3.918	3.744	3.659	4.044	3.495	3.775	3.338	3.842	3.772	3.684	76547	TMEM101	NM_029649_11_-_1
Klhl25	-0.683	-1.964	-0.519	0.387	-0.994	1.363	1.195	0.006	2.116	0.914	207952	KLHL25	NM_029652_7_+_1
Dapk1	-1.178	-4.526	3.352	4.883	1.637	3.206	3.559	4.571	2.849	4.369	69635	DAPK1	NM_029653_13_+_1
Atg2b	3.608	3.488	3.994	4.079	4.010	4.050	3.919	3.778	3.989	4.359	76559	ATG2B	NM_029654_12_-_1
Snx7	1.468	3.539	1.179	2.936	1.905	3.095	1.491	2.557	2.131	3.324	76561	SNX7	NM_029655_3_-_1
Mgrn1	5.178	5.376	5.813	5.868	5.541	5.179	5.698	5.973	6.323	6.564	17237	MGRN1	NM_029657_16_+_1
Rflnb	-2.413	-4.981	-2.517	-0.275	-0.304	2.131	-0.238	3.328	3.896	3.612	76566	RFLNB	NM_029658_11_-_1
Styxl1	-4.779	-2.681	-3.482	-4.944	-3.871	-4.891	-4.573	-4.984	-4.981	-4.981	76571	STYXL1	NM_029659_5_-_1
Mfsd2a	-0.711	-0.967	1.358	1.051	2.290	1.972	0.937	-0.593	-4.981	-3.758	76574	MFS2A	NM_029662_4_-_1
Eef1d	-1.644	-4.981	-1.440	-2.069	-3.683	-3.599	-4.630	-1.932	-2.962	-1.710	66656	EEF1D	NM_029663_15_-_1
Ipo11	4.055	4.198	3.461	3.990	4.063	3.959	4.042	4.044	3.853	4.273	76582	IPO11	NM_029665_13_-_1
Dnajc18	4.098	4.490	3.170	3.300	3.583	3.627	3.287	3.394	3.122	3.081	76594	DNJC18	NM_029669_18_-_1
Immt	4.372	4.675	4.453	4.524	4.326	4.335	4.514	4.461	4.543	4.761	76614	IMMT	NM_029673_6_+_1
Fam65b	5.876	5.828	2.257	4.036	2.950	5.258	3.842	5.111	3.978	4.982	193385	FAM65B	NM_029679_13_+_1
Stambpl1	7.088	7.685	2.681	2.678	3.542	3.279	3.827	4.042	4.608	4.515	76630	STAMBPL1	NM_029682_19_+_1
Pkd1l2	-2.355	-2.895	-3.216	-2.526	-2.129	-2.346	-1.315	-2.615	-0.264	-0.926	76645	PKD1L2	NM_029686_8_-_1
Srxn1	-0.935	0.658	2.188	2.896	-0.282	0.483	1.471	1.968	2.300	2.796	76650	SRXN1	NM_029688_2_+_1
Actrt3	2.708	3.012	-4.861	-3.858	-2.187	-1.781	-2.498	-2.649	-4.981	-4.981	76652	ACTRT3	NM_029690_3_-_1
Spsc3	7.387	7.410	7.418	7.412	6.447	6.527	6.897	7.593	7.469	8.114	76687	SPCS3	NM_029701_8_-_1
Arfrp1	5.868	6.104	5.414	5.506	5.547	5.761	5.660	5.650	5.194	4.974	76688	ARFRP1	NM_029702_2_-_1

Ttc19	0.437	2.212	0.762	1.609	-0.417	1.150	1.071	0.908	1.002	-0.131	72795	TTC19	NM_029704_11_+_1
Atxn3	3.377	3.515	4.284	4.223	4.426	4.419	4.797	4.381	5.517	5.614	110616	ATXN3	NM_029705_12_+_1
Cpb1	-4.981	-2.681	-4.966	-4.966	-4.564	-4.401	-4.950	-3.604	-4.981	-4.342	76703	CPB1	NM_029706_3_+_1
Clasp1	1.847	1.844	1.104	2.063	1.129	0.825	0.087	1.487	-2.610	-1.800	76707	CLASP1	NM_029709_1_+_1
Arpc2	9.363	9.430	10.608	10.780	10.135	10.068	10.043	10.222	10.429	10.376	76709	ARPC2	NM_029711_1_+_1
Catsperg2	-4.981	-4.981	-4.743	-4.802	-4.738	-4.898	-4.981	-4.981	-4.981	-4.981	76718	CATSPERG	NM_029714_7_+_1
Chn1	-4.981	-4.981	-4.970	-4.747	-4.984	-4.633	-4.952	-4.715	-4.981	-4.981	108699	CHN1	NM_029721_2_+_1
Creld2	7.701	8.023	6.442	6.981	5.666	5.839	5.495	6.491	4.343	5.215	76737	CRELD2	NM_029720_15_+_1
Snx27	3.074	3.766	3.312	3.200	3.988	4.052	4.087	4.050	5.313	5.650	76742	SNX27	NM_029721_3_+_1
Gje1	-4.981	-4.981	-3.649	-4.459	-4.313	-4.975	-4.967	-4.975	-4.232	-3.300	76743	NA	NM_029722_10_+_1
Dapl1	-1.215	-4.981	-4.511	-0.519	-3.903	0.065	-1.741	1.165	-2.834	-2.429	76747	DAPL1	NM_029723_2_+_1
Mospd2	1.945	2.457	5.321	5.126	3.633	3.840	3.866	4.089	4.743	4.843	76763	MOSPD2	NM_029730_X_+_1
2010005H15Rik	-4.981	-4.981	-4.970	-4.970	-3.867	-5.004	-4.466	-4.982	-4.981	-4.981	76770	CSTA	NM_029733_16_+_1
Wdyhv1	4.757	4.944	4.357	4.733	4.361	4.730	4.021	4.555	3.841	4.254	76773	WDYHV1	NM_029734_15_+_1
Eprs	5.886	5.641	6.280	6.414	6.328	6.406	6.151	6.275	5.994	5.824	107508	EPRS	NM_029735_1_+_1
Slc10a7	3.383	3.729	3.347	3.903	3.636	3.986	2.998	3.472	3.892	4.485	76775	SLC10A7	NM_029736_8_+_1
Cluap1	5.125	4.954	3.841	3.395	4.276	4.584	3.806	3.663	3.460	3.390	76779	CLUAP1	NM_029738_16_+_1
Ppfia3	-4.981	-4.981	-2.869	-2.376	-0.067	-1.704	-1.637	-3.521	-4.394	-3.481	76787	PPFIA3	NM_029741_7_+_1
Klhdc10	3.978	4.042	4.165	4.257	4.272	3.980	4.226	4.215	4.872	4.979	76788	KLHDC10	NM_029742_6_+_1
Tbc1d9b	4.572	4.641	4.772	5.008	4.498	5.072	5.156	5.176	5.827	5.663	76795	TBC1D9B	NM_029745_11_+_1
Cog2	4.609	4.605	5.345	5.321	4.634	4.545	4.685	4.758	5.229	5.293	76332	COG2	NM_029746_8_+_1
2410137M14Rik	-4.981	-4.981	-1.891	-2.009	-4.881	-4.988	-4.964	-4.951	-4.981	-4.981	76797	NA	NM_029747_17_+_1
Tmem234	6.737	7.254	5.986	6.241	6.039	6.642	6.157	6.644	6.185	6.352	76799	TMEM234	NM_029748_4_+_1
Usp42	3.753	3.589	3.853	3.529	4.244	4.179	3.920	3.711	3.487	3.896	76800	USP42	NM_029749_5_+_1
Rpl18a	11.002	10.978	11.579	11.462	11.603	11.268	11.708	11.352	10.435	10.267	76808	RPL18A	NM_029751_8_+_1
Bri3bp	7.201	7.373	7.229	7.410	7.075	7.180	6.852	6.330	6.672	5.975	76809	BR13BP	NM_029752_5_+_1
Sdccb8	5.518	5.025	5.876	5.142	6.162	5.804	6.152	5.308	5.952	5.263	76816	SDCCAG8	NM_029756_1_+_1
Fam49a	3.958	3.320	6.326	6.714	8.260	8.560	7.448	7.361	6.724	7.226	76820	FAM49A	NM_029758_12_+_1
Mtfr1l	6.470	6.334	6.076	5.895	6.231	5.880	6.098	5.634	6.118	5.380	76824	MTFR1L	NM_029759_4_+_1
Nubpl	4.681	4.562	3.860	3.851	3.353	3.635	2.999	3.067	2.004	1.892	76826	NUBPL	NM_029760_12_+_1
Hyls1	2.178	1.112	1.587	0.321	2.323	0.190	1.947	-0.556	1.629	0.120	76832	HYLS1	NM_029762_9_+_1
Polr3f	3.517	3.244	3.595	3.515	3.987	3.791	3.784	3.789	3.933	4.058	70408	POLR3F	NM_029763_2_+_1
Dtl	-0.034	-2.311	3.175	3.332	3.819	2.822	3.327	2.876	1.912	0.199	76843	DTL	NM_029766_1_+_1
Rps9	10.261	10.328	10.420	10.468	10.546	10.623	10.627	10.636	9.977	9.976	76846	RP59	NM_029767_7_+_1
Gper1	-4.981	-4.981	-4.952	-4.952	-4.910	-4.174	-3.834	-4.944	-0.934	-4.342	76854	GPER1	NM_029771_5_+_1
Catsper3	-4.808	-4.981	-4.647	-4.937	-4.963	-4.974	-4.402	-4.962	-4.911	-4.957	76856	CATSPER3	NM_029772_13_+_1
Spopl	2.582	2.731	2.701	2.609	1.973	2.078	2.097	2.154	3.084	3.126	76857	SPOPL	NM_029773_2_+_1
Ttll11	-1.068	-0.675	-3.084	-2.450	-2.869	-3.328	-3.617	-1.806	-1.816	-1.583	74410	TTLL11	NM_029774_2_+_1
Dcun1d5	7.033	7.083	6.861	6.900	7.021	7.100	6.775	6.782	5.870	6.283	76863	DCUN1D5	NM_029775_9_+_1
Rhbdd1	4.434	4.897	4.234	4.187	4.098	4.022	4.263	4.368	5.139	5.094	76867	RHBDD1	NM_029777_1_+_1
Ccdc116	-2.948	-4.678	-1.422	-0.373	-1.914	-3.009	-2.917	-3.596	-4.981	-4.981	76872	CCDC116	NM_029779_16_+_1
Raf1	5.859	5.939	6.030	6.002	6.121	6.054	6.508	6.401	7.439	6.964	110157	RAF1	NM_029780_6_+_1
Rab36	-0.034	2.017	-2.033	-1.354	-2.083	-1.558	-0.789	-0.117	4.206	3.516	76877	RAB36	NM_029781_10_+_1
Calr3	-1.564	-4.765	-4.880	-4.045	-2.907	-4.028	-4.291	-4.194	-3.750	-4.981	73316	CALR3	NM_029782_8_+_1
Fam81a	-4.981	-4.981	-4.976	-4.976	-1.284	-0.035	-4.894	-3.935	-4.981	-4.316	76886	FAM81A	NM_029784_9_+_1
Pomgnt1	-1.050	0.260	-0.784	-1.673	-1.391	-4.753	-1.353	-2.624	-4.386	-0.859	68273	POMGNT1	NM_029786_4_+_1
Cyb5r3	6.539	6.324	7.634	7.834	8.555	8.658	7.781	7.471	6.477	6.143	109754	NA	NM_029787_15_+_1
Rnft1	5.766	5.931	5.421	5.454	4.986	5.082	5.454	5.742	5.619	6.231	76892	RNFT1	NM_029788_11_+_1
Cers2	7.700	7.711	7.011	6.937	6.977	7.030	7.233	7.540	8.167	8.101	76893	CERS2	NM_029789_3_+_1
Mettl15	3.392	3.273	3.057	2.850	3.099	2.913	2.597	2.056	0.943	1.111	76894	METTL15	NM_029790_2_+_1
Bicd2	0.889	1.670	2.886	3.277	3.121	3.670	3.063	3.635	4.040	4.693	76895	BICD2	NM_029791_13_+_1
Golga1	3.128	3.441	2.844	3.174	3.273	3.025	3.243	3.088	3.643	3.891	76899	GOLGA1	NM_029793_2_+_1
Cpsf4l	-4.981	-4.981	-4.400	-4.848	-4.270	-4.952	-4.697	-4.825	-3.786	-4.571	52670	CPSF4L	NM_029794_11_+_1
Lrg1	-0.722	-4.981	-4.777	1.355	-3.825	2.169	-1.476	3.355	3.135	2.563	76905	LRG1	NM_029796_17_+_1
Mnd1	-0.129	-0.428	-0.180	0.036	0.690	0.393	-0.240	-1.634	-3.322	-2.750	76915	MND1	NM_029797_3_+_1
Flywch2	1.319	1.980	0.668	0.645	-0.870	0.349	0.236	-0.229	-1.384	-2.571	76917	FLYWCH2	NM_029798_17_+_1
Tsacc	1.805	1.896	-0.283	-0.288	0.231	0.079	0.325	0.119	0.033	-0.875	76927	TSACC	NM_029801_3_+_1
Arfip2	3.879	3.543	4.371	4.313	3.692	3.723	3.551	3.595	4.000	3.714	76932	ARFIP2	NM_029802_7_+_1
Ifi27l2a	9.285	7.975	5.032	3.193	8.028	6.263	8.943	7.949	9.905	8.350	76933	NA	NM_029803_12_+_1
Hnrnpm	5.839	5.926	6.452	6.538	6.329	6.601	6.005	6.240	5.884	6.138	76936	HNRNPM	NM_029804_17_+_1
Tsc22d4	-4.981	-4.981	-1.847	-1.422	-0.707	-2.678	-1.652	-1.301	0.047	0.632	78829	TSC22D4	NM_029805_5_+_1
Rnf225	-1.576	-2.087	-3.037	-2.189	-2.289	-3.834	-2.963	-3.124	-3.471	-4.981	381845	RNF225	NM_029809_7_+_1
Nt5c2	5.342	5.778	6.254	6.290	5.679	6.038	5.369	5.657	5.065	4.948	76952	NT5C2	NM_029810_19_+_1
St5	-3.349	-2.236	-2.315	-1.583	-3.071	-1.785	-2.192	-0.572	0.970	0.364	76954	ST5	NM_029811_7_+_1
Chmp5	7.023	7.301	6.799	7.083	6.742	7.057	6.625	6.707	6.268	6.843	76959	CHMP5	NM_029814_4_+_1
Bcas1	-3.883	-3.479	-4.444	-4.661	-4.576	-4.849	-4.270	-4.769	-4.269	-4.605	76960	BCAS1	NM_029815_2_+_1
2700049A03Rik	2.741	0.943	2.797	2.567	3.041	2.885	3.157	3.157	2.168	2.168	76967	KIAA0586	NM_029818_12_+_1
Arxes2	-2.443	-0.333	-3.265	-1.776	1.599	1.176	0.605	0.134	-4.981	-3.498	76976	NA	NM_029823_X_+_1
Scfd1	6.804	6.642	6.230	6.410	5.955	6.053	5.919	6.075	5.869	6.054	76983	SCFD1	NM_029825_12_+_1
Hdh2	4.328	4.554	4.549	4.790	4.600	4.476	4.208	4.132	3.910	3.919	76987	HDH2	NM_029826_18_+_1
Ddrgk1	6.826	6.846	5.496	5.486	5.836	5.990	6.009	5.953	5.786	5.389	77006	DDRGK1	NM_029832_2_+_1
Ppp1r12c	4.633	4.764	6.282	5.964	7.030	6.849	7.206	6.964	7.360	7.084	232807	PPP1R12C	NM_029834_7_+_1
Ticrr	-4.981	-4.981	0.770	1.052	2.282	1.671	2.048	0.528	0.722	-0.283	77011	TICRR	NM_029835_7_+_1
Tspsy2	4.332	4.617	3.471	3.744	4.209	4.322	3.864	3.702	3.100	3.210	52808	TSPYL2	NM_029836_X_+_1

Trub1	2.447	2.019	2.938	1.719	2.824	2.086	2.781	1.347	1.703	0.902	72133	TRUB1	NM_029839_19_+_1
Tstd3	2.915	4.148	3.547	4.185	4.058	4.552	4.641	5.016	5.193	5.230	77032	NA	NM_029840_4_-_1
2510039018Rik	5.258	5.523	5.522	5.526	5.579	5.591	5.552	5.665	6.555	6.381	77034	KIAA2013	NM_029841_4_+_1
Kdm8	1.536	1.353	2.112	1.507	1.913	0.925	1.860	0.974	1.545	1.383	77035	KDM8	NM_029842_7_+_1
1700109H08Rik	-1.784	-4.981	-2.859	-4.977	-3.521	-4.577	-3.197	-4.944	-1.717	-4.981	77036	NA	NM_029843_5_+_1
Mrap	0.866	-1.569	-0.605	-1.067	0.510	-1.396	0.294	0.085	-2.177	-3.236	77037	MRAP	NM_029844_16_+_1
Atg16l1	1.622	3.319	3.145	3.271	3.020	2.932	2.695	2.425	3.252	3.592	77040	ATG16L1	NM_029846_1_+_1
Arsk	3.455	4.135	3.335	3.507	3.623	3.866	3.543	4.043	4.022	4.484	77041	ARSK	NM_029847_13_-_1
Bcl7a	3.450	2.828	1.161	0.893	2.046	2.229	1.426	1.241	-1.884	-1.085	77045	BCL7A	NM_029850_5_+_1
Dync2h1	2.665	2.782	2.029	1.218	2.124	2.045	1.324	1.563	2.117	2.295	110350	DYNC2H1	NM_029851_9_-_1
Cep83	4.049	4.233	4.968	4.829	5.057	5.174	4.833	4.600	4.195	4.340	77048	CEP83	NM_029852_10_+_1
Tmco4	1.779	1.745	3.392	3.347	3.569	2.995	3.278	3.390	3.952	3.428	77056	TMCO4	NM_029857_4_+_1
Ston1	-2.948	-2.060	-4.899	-4.717	-2.857	-4.615	-3.377	-3.464	-3.043	-4.981	77057	STON1	NM_029858_17_+_1
Cnrip1	1.683	1.208	-2.285	-2.554	-1.588	-1.858	-1.391	0.048	-1.488	-1.767	380686	CNRI1	NM_029861_11_+_1
Cacfd1	4.046	4.066	3.745	3.858	3.645	3.787	3.569	3.849	3.960	4.185	381356	CACFD1	NM_029862_2_+_1
Ocel1	5.313	5.393	3.274	3.422	3.824	4.013	3.482	3.566	3.742	3.407	77090	OCELL1	NM_029865_8_+_1
Gppb11	4.537	4.666	4.852	4.861	4.867	4.888	4.869	4.422	4.642	4.906	77110	GPPB11	NM_029868_4_+_1
Zkscan1	-1.429	0.743	-0.549	-1.405	-0.471	-1.107	-0.980	1.092	-0.297	1.941	74570	ZKSCAN1	NM_029869_5_+_1
Crebrf	5.842	6.156	5.352	4.955	5.576	5.682	5.587	5.522	5.651	5.881	77128	CREBRF	NM_029870_17_+_1
Hnrnpa0	4.903	4.949	5.252	5.132	5.407	5.215	5.184	4.822	4.520	4.254	77134	HNRNPA0	NM_029872_13_-_1
Slc35e3	3.945	3.834	3.333	3.093	2.672	2.596	3.266	3.526	4.599	4.707	215436	SLC35E3	NM_029875_10_-_1
Tbcd	4.014	3.812	5.221	5.090	4.677	4.619	4.332	4.445	5.010	4.847	108903	TBCD	NM_029878_11_+_1
Rgs7bp	4.420	4.935	1.245	0.072	-0.280	-1.567	1.011	-0.754	-1.431	-2.748	52882	RG57BP	NM_029879_13_-_1
Ptgr2	5.369	5.620	4.724	4.766	4.716	4.662	4.794	4.896	4.930	5.211	77219	PTGR2	NM_029880_12_+_1
Hgsnat	4.810	4.207	4.232	4.166	4.445	4.227	5.674	5.624	8.754	7.127	52120	HGSNAT	NM_029884_8_-_1
Gabpb2	4.052	3.629	4.170	4.078	4.369	4.213	3.895	3.900	3.213	4.327	213054	GABPB2	NM_029885_3_-_1
9430038101Rik	5.039	5.146	4.382	4.181	4.168	4.511	4.380	4.159	4.431	4.017	77252	NA	NM_029886_7_-_1
Yif1b	4.459	4.377	4.335	4.469	3.712	3.721	3.977	4.183	3.499	3.074	77254	YIF1B	NM_029887_7_+_1
Zfp142	2.679	2.156	2.691	3.080	3.037	2.982	2.723	2.538	3.284	3.386	77264	ZNF142	NM_029888_1_-_1
Nkrf	1.505	1.189	0.788	0.556	0.416	0.681	0.703	0.302	0.198	0.050	77286	NKRF	NM_029891_X_-_1
Fam162b	-4.981	-2.344	-4.974	-4.974	-4.976	-4.976	-4.953	-4.919	-4.981	-4.981	77296	FAM162B	NM_029894_10_-_1
Etl4	-4.981	-4.196	-4.973	-4.751	-4.983	-4.828	-4.980	-4.932	-4.779	-4.757	208618	KIAA1217	NM_029895_2_+_1
Wdr82	5.151	5.280	5.086	5.043	5.029	5.135	4.777	5.081	4.528	4.823	77305	WDR82	NM_029896_9_+_1
C2cd5	3.582	2.456	3.616	3.417	3.810	3.565	3.649	3.022	4.147	3.926	74741	C2CD5	NM_029897_6_-_1
Ankrd55	1.219	-4.981	1.659	-1.953	2.438	-1.050	2.515	-3.515	-2.630	-2.088	77318	ANKRD55	NM_029898_13_+_1
C330018D20Rik	4.389	4.669	3.677	4.128	3.845	4.164	3.756	3.640	2.598	3.347	77422	C5orf63	NM_029909_18_-_1
Kcnk10	-1.665	-2.160	-2.818	-2.291	-4.020	-4.883	-4.908	-4.420	-4.981	-4.981	77258	KCNK10	NM_029911_12_-_1
Tmem116	0.118	-2.034	-4.392	-4.882	-2.730	-4.523	-3.233	-2.115	-2.811	-4.802	77462	TMEM116	NM_029912_5_+_1
Mtus2	2.484	0.406	0.481	-2.235	0.729	-2.380	0.672	-4.678	-0.147	-4.981	77521	MTUS2	NM_029920_5_+_1
Parp6	-1.032	-0.436	-1.740	-2.435	-4.574	-3.161	-3.464	-3.816	-2.280	-1.210	67287	PARP6	NM_029922_9_+_1
Mbd5	2.415	2.864	3.005	3.217	3.370	3.256	2.723	2.349	2.947	2.903	109241	MBD5	NM_029924_2_+_1
Irak4	4.180	3.422	5.333	4.181	5.653	4.808	5.742	4.565	6.063	5.323	266632	IRAK4	NM_029926_15_+_1
Ptprb	-1.467	-4.981	-3.472	-3.429	-4.980	-2.194	-4.958	-2.240	-4.981	-4.981	19263	PTPRB	NM_029928_10_+_1
Vps33a	4.590	4.608	4.944	5.064	5.217	5.157	5.291	5.369	5.932	6.081	77573	VPS33A	NM_029929_5_-_1
Tcaf1	-4.981	-4.981	-4.383	-2.154	-4.913	-3.234	-3.531	-1.232	-2.659	0.514	77574	TCAF1	NM_029930_6_-_1
Mllt3	-4.981	-4.890	-4.974	-1.461	-4.650	-0.568	-4.320	-0.192	-4.981	-3.610	70122	MLLT3	NM_029931_4_-_1
Spns3	8.021	8.011	3.648	4.096	7.049	7.138	5.953	4.928	1.834	2.042	77577	SPNS3	NM_029932_11_-_1
Bcl9	2.112	2.109	4.101	3.876	4.008	3.849	3.255	2.793	2.068	2.313	77578	BCL9	NM_029933_3_-_1
Mboat7	3.977	4.149	4.590	4.995	5.219	5.373	5.320	5.082	6.398	5.996	77582	MBOAT7	NM_029934_7_-_1
Chst15	4.572	4.535	4.183	4.008	4.803	4.196	4.218	3.386	2.478	1.625	77590	CHST15	NM_029935_7_-_1
Ddx10	4.707	4.654	4.391	4.563	4.400	4.411	4.718	4.636	4.635	4.432	77591	DDX10	NM_029936_9_-_1
Nup210l	-0.860	-1.314	0.437	-1.702	-0.723	-4.024	-1.984	-4.909	-2.340	-4.227	77595	NUP210L	NM_029937_3_+_1
H2afv	7.121	7.106	6.510	6.198	7.081	6.750	7.110	6.546	5.388	5.459	77605	H2AFV	NM_029938_11_-_1
Preli2	1.192	3.549	4.032	3.782	0.669	1.654	1.410	2.540	-0.146	1.207	77619	PRELID2	NM_029942_18_-_1
Apex2	2.999	3.238	3.392	3.395	3.120	3.052	2.368	2.882	2.627	2.840	77622	APEX2	NM_029943_X_-_1
Smpd4	-0.486	0.811	0.767	0.697	0.186	-1.683	-0.833	-0.837	1.116	-0.786	77626	SMPD4	NM_029945_16_+_1
Prdm8	-2.573	-1.733	-3.417	-4.755	-1.940	-1.676	-2.807	-3.269	-4.981	-4.981	77630	PRDM8	NM_029947_5_+_1
Snappc3	4.400	4.794	4.953	4.863	4.526	4.619	4.152	4.344	3.438	3.889	77634	SNAPC3	NM_029949_4_+_1
C330007P06Rik	4.913	4.710	4.309	4.311	3.867	3.930	4.334	4.520	4.975	5.172	77644	CXorf56	NM_029951_X_-_1
Zfp955a	3.381	3.163	3.237	3.448	2.855	3.232	3.248	3.735	3.643	4.197	77652	NA	NM_029952_17_-_1
Ccdc93	-3.548	0.965	1.443	1.068	-0.694	0.358	0.275	0.549	-0.392	1.088	70829	CCDC93	NM_029955_1_+_1
Mmab	3.910	3.835	2.894	2.685	2.992	2.969	1.908	2.761	2.401	2.350	77697	MMAB	NM_029956_5_-_1
Lcn12	-4.981	-4.981	-2.219	-4.944	-3.968	-4.652	-4.975	-4.967	-4.981	-4.981	77701	LCN12	NM_029958_2_-_1
9230104L09Rik	-4.981	-4.981	-4.975	-2.012	-4.961	-4.187	-4.972	-4.023	-4.981	-4.981	77705	NA	NM_029960_2_-_1
Mrp55	5.190	4.806	4.857	5.083	4.640	4.799	4.483	4.704	4.027	3.586	77721	MRP55	NM_029963_2_+_1
6030468B19Rik	-0.498	0.321	-1.410	0.167	1.111	2.444	1.165	1.649	-4.394	-1.513	77727	C17orf99	NM_029964_11_+_1
Rnf170	4.512	4.849	4.449	4.149	4.258	4.433	4.210	3.800	4.047	4.476	77733	RNF170	NM_029965_8_+_1
Adamtsl1	-4.981	-4.981	-3.408	-4.248	-4.414	-4.699	-1.427	-4.510	-4.981	-4.981	77739	ADAMTSL1	NM_029967_4_+_1
Ernm	-3.563	-4.981	-4.668	-4.238	-4.031	-4.471	-4.188	-4.903	-4.260	-4.179	77767	ERMN	NM_029972_2_-_1
Dcst1	-2.030	-1.594	-3.105	-3.368	-3.344	-3.825	-3.559	-3.843	-2.684	-2.138	77772	DCST1	NM_029974_3_-_1
Ulbp1	-0.848	-0.829	0.390	0.551	1.185	0.556	-0.111	-0.108	-0.630	-1.008	77777	ULBP1	NM_029975_10_-_1
Cdkn2aipnl	5.985	5.924	5.644	5.486	6.165	5.961	6.107	5.792	5.157	4.303	52626	CDKN2AIPNL	NM_029976_11_+_1
Polq	-4.827	-4.744	0.730	-1.466	0.852	0.366	0.081	-2.074	-4.734	-1.506	77782	POLQ	NM_029977_16_+_1
Trim35	4.991	5.049	7.050	7.089	5.291	5.175	5.045	5.422	5.475	5.595	66854	TRIM35	NM_029979_14_+_1

AdamtSl2	0.256	-0.716	-4.972	-4.972	-1.166	-2.485	-4.931	-4.557	-4.981	-4.981	77794	ADAMTSL2	NM_029981_2_+1
SlA2	7.789	8.007	0.106	0.580	-0.756	0.961	-0.699	1.415	-1.150	-0.513	77799	SLA2	NM_029983_2_-1
Lrrc42	3.049	3.008	4.091	4.199	3.665	3.790	3.631	3.615	2.852	3.657	77809	LRRC42	NM_029985_4_-1
Pigh	5.305	5.462	4.327	4.488	4.311	4.374	4.441	3.971	4.263	3.956	110417	PIGH	NM_029988_12_-1
Lhfp13	-4.981	-4.981	-4.979	-4.116	-4.585	-4.423	-4.135	-3.819	-4.981	-2.246	269629	LHFPL3	NM_029990_5_+1
Tchp	3.712	3.806	2.804	3.021	3.244	3.623	3.262	3.172	3.131	2.803	77832	TCHP	NM_029992_5_+1
6030458C11Rik	3.567	4.210	4.450	4.618	4.299	4.691	4.096	4.653	4.081	4.775	77877	CSorf22	NM_029998_15_-1
Lbh	4.434	4.141	4.347	4.342	5.451	5.327	5.319	4.827	3.961	3.865	77889	LBH	NM_029999_17_+1
Cryl1	4.714	4.551	4.409	4.682	4.967	5.011	4.887	4.744	4.972	4.623	68631	CRYL1	NM_030004_14_-1
Cyp20a1	3.457	3.540	3.949	3.926	2.567	2.382	2.723	3.652	3.760	4.087	77951	CYP20A1	NM_030013_1_+1
Hook1	1.418	2.622	2.434	3.023	2.675	2.947	0.525	1.446	-1.438	-3.098	77963	HOOK1	NM_030014_4_+1
Trmt13	3.274	2.985	4.176	4.059	3.348	3.531	3.542	3.545	3.068	3.246	229780	TRMT13	NM_030016_3_-1
Rdh12	4.205	4.142	1.370	1.093	1.668	1.912	1.272	1.614	1.155	1.519	77974	RDH12	NM_030017_12_+1
Tmem50b	6.642	6.569	7.336	7.401	6.737	6.565	7.123	7.452	7.822	8.243	77975	TMEM50B	NM_030018_16_-1
Grifin	-2.026	-1.961	-0.372	-0.313	-1.701	-0.335	-4.131	-3.507	-4.190	-3.758	77998	NA	NM_030022_5_-1
Prr15	-4.981	-4.981	-2.466	-2.468	-2.997	-4.116	-2.672	-3.507	-4.190	-4.227	78004	PRR15	NM_030024_6_+1
Ccdc150	0.879	-1.124	-0.791	-2.556	-1.452	-2.354	-2.791	-4.792	-3.043	-2.696	78016	CCDC150	NM_030025_1_+1
Mccc2	4.297	4.315	4.762	4.779	4.518	4.640	4.565	4.465	2.987	3.425	78038	MCCC2	NM_030026_13_-1
Tmem190	-4.981	-4.981	-3.960	-2.905	-4.962	-4.505	-2.369	-3.116	-4.981	-3.855	78052	TMEM190	NM_030028_7_+1
Golgb1	5.525	5.319	5.703	5.279	5.391	5.474	5.104	5.068	4.462	4.613	224139	GOLGB1	NM_030035_16_+1
Mospd3	1.459	1.452	1.656	1.726	1.105	0.866	0.436	1.549	2.332	1.363	68929	MOSPD3	NM_030037_5_-1
Dnajc21	4.927	5.258	4.722	4.570	4.706	4.784	4.619	4.514	4.288	4.054	78244	DNAJC21	NM_030046_15_-1
Gsto2	0.129	1.292	-3.706	-4.659	-3.995	-3.262	-3.404	-2.425	-3.300	-4.947	68214	GSTO2	NM_030051_19_+1
Trappc6b	6.963	6.976	6.334	6.213	6.474	6.433	6.259	6.193	5.751	5.805	78232	TRAPPC6B	NM_030057_12_-1
Batf3	1.116	0.456	6.985	7.157	6.646	6.957	6.551	6.091	4.357	4.259	381319	BATF3	NM_030060_1_+1
Acbd7	-4.981	-4.981	-4.989	-3.833	-4.968	-4.430	-4.676	-3.639	-4.981	-4.981	78245	ACBD7	NM_030063_2_+1
Pfh23	3.207	3.534	4.644	4.353	3.748	3.578	3.705	3.933	4.342	4.258	78246	PHF23	NM_030064_11_+1
Armxc1	-4.508	-1.743	-3.666	-4.820	-4.936	-4.973	-4.859	-4.046	-4.955	-4.917	78248	ARMXC1	NM_030066_X_+1
Adgrf4	-4.981	-4.981	-4.930	-4.975	-4.764	-4.959	-4.857	-4.977	-4.742	-4.981	78249	ADGRF4	NM_030067_17_-1
Iqch	-4.981	-4.981	0.318	0.591	-4.281	-4.954	-4.971	-3.642	-4.981	-4.981	78250	IQCH	NM_030068_9_-1
Nxpe2	1.788	1.962	-2.798	1.874	0.573	2.515	0.136	2.502	-2.739	0.508	78252	NXPE2	NM_030069_9_-1
Lrrc9	-3.038	-0.306	-4.918	-2.597	-3.554	-4.035	-4.840	-4.824	-4.981	-4.981	78257	NA	NM_030070_12_+1
Plb1	-4.981	-3.408	-1.494	-2.213	-4.672	-3.397	-4.977	-4.932	-4.981	-4.981	665270	PLB1	NM_030072_5_+1
Zfp687	2.553	2.100	3.870	3.338	3.892	3.589	3.623	3.164	4.410	3.912	78266	ZNF687	NM_030074_3_-1
Klhdc8b	0.732	1.219	1.449	1.814	3.159	3.403	1.552	1.750	-0.450	0.496	78267	KLHDC8B	NM_030075_9_-1
Creb3l4	-4.941	-4.862	-4.747	-4.960	-4.962	-4.978	-4.981	-4.980	-4.770	-4.332	78284	CREB3L4	NM_030080_3_-1
Rbsn	3.619	3.491	3.829	3.418	4.016	3.398	3.860	3.393	5.110	4.651	78287	RBSN	NM_030081_6_-1
Hist3h2ba	3.936	-3.408	0.725	-0.119	1.823	0.345	1.936	-1.989	-0.043	-3.758	78303	HIST1H2BD	NM_030082_11_+1
Naa38	6.134	5.920	6.187	6.002	5.594	5.634	5.986	5.688	5.074	4.870	78304	NAA38	NM_030083_11_+1
Gpr108	6.211	6.355	5.530	5.708	5.559	5.667	5.629	5.886	6.519	6.518	78308	GPR108	NM_030084_17_-1
Ndufv3	5.248	5.308	3.843	3.900	3.544	3.768	3.445	3.630	4.281	3.705	78330	NDUFV3	NM_030087_17_+1
Ola1	4.204	4.113	2.320	2.245	2.551	2.431	1.890	2.023	1.713	1.648	67059	OLA1	NM_030091_2_-1
Snrnp25	7.502	6.928	4.906	4.960	5.389	5.245	4.830	4.889	3.700	3.417	78372	SNRNP25	NM_030093_11_+1
Nudt17	0.973	-2.767	4.704	5.175	4.685	4.298	3.939	2.868	1.336	0.574	78373	NUDT17	NM_030094_3_-1
Ddx52	5.499	5.483	5.584	5.510	5.549	5.485	5.473	5.499	5.710	5.528	78394	DDX52	NM_030096_11_+1
Rnase6	11.069	11.258	9.367	9.241	8.346	8.900	8.191	8.342	7.973	7.001	78416	RNASE6	NM_030098_14_+1
Pym1	1.605	1.372	1.132	1.060	1.318	0.556	1.583	0.910	2.064	1.785	78428	PYM1	NM_030100_10_+1
Tmsb15a	-4.981	-4.981	-4.954	-4.954	-4.920	-4.324	-4.970	-4.734	-4.981	-4.342	78478	NA	NM_030106_X_-1
Tmem33	3.483	3.640	1.920	1.815	2.260	1.958	2.128	2.397	3.062	2.078	67878	TMEM33	NM_030108_5_+1
Sf3b2	6.908	6.972	7.667	7.598	7.881	7.764	7.750	7.496	7.849	7.513	319322	SF3B2	NM_030109_19_-1
Micuc3	1.955	2.743	2.265	0.583	1.565	1.412	0.648	-0.017	0.947	-0.417	78506	MICU3	NM_030110_8_+1
Rtf1	6.282	6.439	5.508	5.658	6.015	6.207	6.108	5.904	4.844	4.923	76246	RTF1	NM_030112_2_+1
Arhgap10	0.072	-2.681	-2.324	-2.575	-0.644	-0.199	0.396	-0.774	0.766	0.629	78514	ARHGAP10	NM_030113_8_-1
Herc4	-3.297	-0.269	2.259	2.202	1.597	1.829	1.911	2.475	2.535	3.810	67345	HERC4	NM_030114_10_+1
Mrpl9	5.346	5.426	5.053	5.151	4.882	4.874	4.862	5.079	4.923	4.841	78523	MRPL9	NM_030116_3_+1
Asb8	3.656	4.452	3.274	2.966	2.789	2.077	3.391	2.993	3.975	3.698	78541	ASB8	NM_030121_15_-1
Htra3	-4.981	-4.981	-4.285	-4.124	-4.990	-3.486	-2.203	0.757	-1.125	0.542	78558	HTRA3	NM_030127_5_-1
Cnih4	6.539	6.541	6.932	6.851	6.457	6.375	7.005	6.758	6.150	6.182	98417	CNIH4	NM_030131_1_+1
Utp23	5.086	5.093	4.574	4.504	4.521	4.240	4.432	4.252	4.296	4.014	78581	UTP23	NM_030132_15_+1
Srbd1	2.851	2.521	2.778	2.536	3.349	2.917	3.017	2.339	2.453	2.102	78586	SRBD1	NM_030133_17_-1
Cstad	0.156	0.268	-1.893	-4.707	-0.281	-0.513	-0.981	-2.127	-2.126	-4.342	78617	NA	NM_030137_2_+1
Acap2	5.265	5.286	5.807	5.649	6.165	6.290	6.150	6.153	6.584	6.906	78618	ACAP2	NM_030138_16_-1
Zfp449	1.729	1.700	0.052	-0.145	0.098	0.050	-1.180	-0.962	-0.434	0.959	78619	ZNF449	NM_030139_X_+1
1700061G19Rik	-4.981	-4.981	-3.348	-4.024	0.503	1.637	1.130	-0.840	-0.614	-1.782	78625	NA	NM_030141_17_+1
Ddit4l	-4.981	-4.981	-2.506	-3.495	-4.193	-4.741	-4.941	-2.643	-4.981	-4.981	73284	DDIT4L	NM_030143_3_+1
Lsm6	4.386	4.200	4.500	4.738	3.868	3.507	4.032	4.110	3.196	2.770	78651	LSM6	NM_030145_8_-1
Brd8	3.568	4.154	4.603	4.313	4.392	3.899	3.599	3.862	4.887	4.866	78656	BRD8	NM_030147_18_-1
Dhx58	4.907	4.409	5.841	5.566	6.179	5.388	6.089	5.663	6.873	6.132	80861	DHX58	NM_030150_11_-1
Nol3	-0.892	0.917	-4.084	-2.627	-4.981	-4.981	-4.975	-4.965	-4.981	-4.976	78688	NOL3	NM_030152_8_+1
Naa35	4.799	4.815	5.185	5.267	4.682	4.672	4.667	4.537	4.292	4.604	78689	NAA35	NM_030153_13_+1
Troap	-2.878	-3.035	0.821	0.806	2.493	0.828	1.362	-1.013	-0.898	-3.510	78733	TROAP	NM_030159_15_+1
Csgalnact2	4.231	4.261	5.403	5.234	6.180	6.376	6.357	5.922	6.930	7.299	78752	CSGALNACT2	NM_030165_6_-1
Fam122b	-1.607	-0.341	-0.967	-3.796	1.089	-0.688	-0.767	-0.514	0.619	0.697	78755	FAM122B	NM_030167_X_-1
Rictor	5.661	5.724	5.973	5.788	6.246	6.320	5.767	5.743	5.193	5.306	78757	RICTOR	NM_030168_15_+1

Efcab11	-4.981	-2.583	0.777	0.110	1.542	0.493	0.978	-0.052	0.515	-0.974	78767	EFCAB11	NM_030172_12_-_1
Mctp1	1.169	0.781	6.852	6.954	4.948	5.339	4.982	4.981	5.521	5.660	78771	MCTP1	NM_030174_13_+_1
Spata2l	2.696	2.951	3.019	2.682	2.086	2.141	2.371	2.640	3.484	3.296	78779	SPATA2L	NM_030176_8_-_1
Brpf1	0.541	2.293	2.029	2.392	1.874	2.754	3.175	2.613	4.984	4.229	78783	BRPF1	NM_030178_6_+_1
Usp54	1.317	1.860	1.458	1.664	0.947	1.280	0.310	0.946	0.564	1.086	78787	USP54	NM_030180_14_-_1
Armc9	-2.695	-0.485	-0.926	-2.197	0.616	0.295	0.207	0.577	-0.880	-0.731	78795	ARMC9	NM_030184_1_+_1
Zcchc4	-0.283	-0.741	1.309	0.943	0.122	0.368	-0.880	-0.882	-0.732	0.260	78796	ZCCHC4	NM_030185_5_+_1
Ak7	-4.981	-1.951	-2.802	-3.435	-5.001	-4.063	-3.510	-2.296	-1.996	-4.981	78801	AK7	NM_030187_12_+_1
Ttc30a1	1.980	2.252	1.207	1.402	0.276	0.746	-0.355	0.309	0.771	0.798	78802	TTC30A	NM_030188_2_-_1
Stpg1	-3.843	-1.716	-2.093	-3.403	-4.980	-4.969	-4.948	-4.008	-4.981	-4.981	78806	STPG1	NM_030189_4_+_1
4930562C15Rik	-2.505	-4.981	-4.169	-4.736	-3.665	-3.744	-4.836	-4.697	-3.134	-3.527	78809	C16orf96	NM_030192_16_+_1
Sp110	7.441	7.501	7.363	7.153	7.361	7.481	7.037	7.262	7.279	7.189	109032	SP110	NM_030194_1_-_1
Cacul1	4.454	3.984	4.855	4.242	4.496	3.912	4.615	3.704	4.721	4.091	78832	CACUL1	NM_030197_19_-_1
Gins3	3.061	3.387	2.973	3.260	4.020	4.411	3.679	3.178	2.879	2.715	78833	GINS3	NM_030198_8_+_1
Zfp623	3.292	3.105	3.070	3.143	3.002	3.174	3.264	3.027	3.467	3.714	78834	ZNF623	NM_030199_15_+_1
Hspa13	4.595	4.814	4.254	4.062	3.785	3.977	3.955	4.231	3.748	5.062	110920	HSPA13	NM_030201_16_-_1
Tsply4	5.244	4.594	2.132	2.156	2.979	2.768	2.402	2.437	1.933	1.418	72480	TSPYL4	NM_030203_10_+_1
Coro7	6.014	5.712	6.246	6.401	5.493	5.021	5.974	6.342	7.006	6.773	78885	CORO7 CORO7-PA	NM_030205_16_-_1
Cygb	-3.563	-4.981	-3.805	3.108	2.836	7.960	1.613	6.754	-4.981	0.304	114886	CYGB	NM_030206_11_-_1
Sfi1	4.015	4.162	4.756	4.785	4.343	5.186	3.963	4.644	3.917	4.436	78887	SFI1	NM_030207_11_-_1
Trmt44	1.176	1.864	2.174	2.300	2.449	2.196	2.172	1.896	3.011	2.951	78890	TRMT44	NM_030208_5_-_1
Crispld2	-1.857	-1.236	0.769	1.720	5.114	4.545	1.652	0.197	2.429	0.919	78892	CRISPLD2	NM_030209_8_+_1
Aacs	5.647	5.936	4.666	4.605	3.805	3.889	4.188	4.764	5.673	5.721	78894	AACS	NM_030210_5_+_1
Wrnip1	4.552	4.602	4.450	4.304	4.560	4.432	4.020	4.369	4.227	4.071	78903	WRNIP1	NM_030215_13_+_1
Misp	-3.563	-4.981	-2.835	-4.958	-3.919	-4.915	-4.887	-4.938	-2.384	-2.452	78906	MISP	NM_030218_10_+_1
Trim42	-4.981	-4.981	-4.966	-4.835	-3.525	-3.516	-4.841	-4.977	-4.981	-4.981	78911	TRIM42	NM_030219_9_-_1
Sp2	2.038	2.049	1.817	2.308	3.204	2.969	2.910	2.139	3.307	3.272	78912	SP2	NM_030220_11_-_1
Nadsyn1	3.299	3.036	2.893	2.879	2.953	3.216	2.247	2.757	2.427	2.600	78914	NADSYN1	NM_030221_7_-_1
Fndc8	-2.273	-2.291	-4.967	-4.325	-4.976	-4.890	-4.981	-4.981	-4.981	-4.981	78919	FNDC8	NM_030224_11_+_1
Dlst	6.604	6.713	6.381	6.477	6.889	7.062	6.677	6.807	7.121	7.073	78920	DLST	NM_030225_12_+_1
9130019O22Rik	1.186	0.799	1.075	0.578	-0.172	0.617	1.232	0.785	2.150	2.246	78921	NA	NM_030226_7_-_1
Gas2l1	-4.981	-4.981	-4.403	-4.792	-3.806	-4.198	-3.186	-4.360	-4.776	-0.702	78926	GAS2L1	NM_030228_11_-_1
Polr3h	4.606	4.786	3.553	3.428	3.391	3.371	3.084	3.446	2.184	1.666	78929	POLR3H	NM_030229_15_-_1
Saal1	4.503	4.940	4.130	4.301	4.725	4.429	4.337	4.077	3.767	3.567	78935	SAAL1	NM_030233_7_-_1
Wdr76	0.349	2.288	1.692	2.741	2.597	2.730	1.625	2.206	-1.172	1.718	241627	WDR76	NM_030234_2_+_1
Avl9	4.081	3.611	4.376	4.281	4.302	4.355	4.343	4.208	5.004	5.283	78937	AVL9	NM_030235_6_+_1
Fbxo34	1.738	1.117	2.913	0.561	2.527	0.849	2.558	-0.159	3.750	1.789	78938	FBXO34	NM_030236_14_+_1
Dync1h1	6.101	5.913	6.251	6.138	6.635	6.382	6.394	6.169	6.342	6.494	13424	DYNC1H1	NM_030238_12_+_1
Abcg3	4.207	3.794	7.747	7.465	7.820	7.933	7.720	7.543	4.588	5.608	27405	NA	NM_030239_5_-_1
Pagr1a	6.077	6.037	5.454	5.388	5.888	5.928	5.620	5.492	5.036	5.058	67278	PAGR1	NM_030240_7_-_1
Kmt5a	4.898	4.754	6.035	6.238	5.555	5.626	5.357	5.485	7.006	6.334	67956	KMT5A	NM_030241_5_+_1
Rbm43	2.883	3.432	0.397	1.232	1.617	1.333	1.948	1.682	2.773	2.666	71684	RBM43	NM_030243_2_-_1
Ier5l	3.383	2.705	2.532	1.525	2.510	1.627	2.222	1.535	2.440	2.022	72500	IER5L	NM_030244_2_-_1
Tada1	6.243	6.167	5.760	5.790	6.295	6.494	5.819	5.612	5.276	5.565	27878	TADA1	NM_030245_1_+_1
Dcaf4	4.392	4.211	3.332	3.576	3.767	3.779	3.334	3.062	2.086	2.769	73828	DCAF4	NM_030246_12_+_1
Cdk5rap3	7.003	6.527	6.102	6.063	6.354	6.359	6.114	6.030	6.154	6.659	80280	CDK5RAP3	NM_030248_11_-_1
Cttnbp2nl	-3.313	0.511	-0.093	0.288	-1.567	-1.068	-1.340	-0.934	-3.259	-0.651	80281	CTTNBP2NL	NM_030249_3_-_1
Nus1	4.754	4.780	5.018	5.046	4.337	4.480	4.655	4.797	4.691	5.008	52014	NUS1	NM_030250_10_+_1
Abtb1	5.470	5.614	4.648	4.609	4.621	4.898	4.995	5.099	7.043	6.231	80283	ABTB1	NM_030251_6_-_1
Smim12	5.860	5.382	5.024	4.984	5.406	5.280	5.428	4.926	4.842	4.396	80284	SMIM12	NM_030252_4_+_1
Parp9	5.689	5.536	5.756	5.467	6.162	5.581	5.974	5.558	6.449	6.073	80285	PARP9	NM_030253_16_+_1
Tusc3	3.861	5.179	4.150	5.146	3.102	4.158	3.142	4.341	3.174	4.026	80286	TUSC3	NM_030254_8_+_1
Apoec3	7.951	0.792	8.005	2.591	8.041	0.626	7.612	1.220	6.277	2.504	80287	APOEC3B	NM_030255_15_+_1
Bcl9l	0.752	0.950	-0.531	-0.679	2.387	1.852	1.655	0.954	2.202	1.828	80288	BCL9L	NM_030256_9_+_1
Lysmd3	2.795	3.200	3.929	3.796	3.222	2.941	3.489	3.652	4.372	4.990	80289	LYSMD3	NM_030257_13_+_1
Gpr146	6.107	6.300	4.864	4.496	4.369	4.301	4.690	5.144	5.296	5.514	80290	GPR146	NM_030258_5_+_1
Rilpl2	8.660	8.718	5.702	5.562	6.266	7.174	5.406	5.708	5.834	5.492	80291	RILPL2	NM_030259_5_-_1
Zxdc	1.972	2.310	1.900	1.445	1.588	1.548	1.611	1.729	2.075	2.414	80292	ZXDC	NM_030260_6_+_1
Sesn3	2.472	2.501	2.063	2.443	2.960	2.925	2.176	1.768	-0.177	-0.293	75747	SESN3	NM_030261_9_+_1
Pofut2	5.132	4.997	4.562	4.669	4.931	5.082	5.186	5.476	5.893	6.109	80294	POFUT2	NM_030262_10_+_1
Psd3	-2.435	-0.044	-1.804	-3.072	-4.813	-3.906	-2.116	-4.191	-3.659	-1.995	234353	PSD3	NM_030263_8_-_1
Kcnip4	-4.562	-4.699	-4.882	-4.949	-4.955	-4.966	-4.894	-4.972	-4.694	-4.927	80334	KCNIP4	NM_030265_5_-_1
Inpp4a	5.585	4.622	3.485	3.451	3.398	2.752	3.204	3.656	2.448	4.701	269180	INPP4A	NM_030266_1_+_1
Rab27b	-4.336	-4.981	-4.928	-0.807	-4.350	-4.457	-2.619	-2.423	-3.549	-4.824	80718	RAB27B	NM_030554_18_-_1
Mynn	4.297	4.549	3.789	3.815	4.023	3.955	3.971	3.679	4.166	4.285	80732	MYNN	NM_030557_3_+_1
Car15	-0.632	-1.138	-2.198	-1.394	-2.319	-4.101	-1.691	-1.699	0.109	-0.158	80733	NA	NM_030558_16_-_1
Vps16	5.439	5.540	5.727	5.741	6.052	5.818	5.976	5.904	6.177	5.684	80743	VPS16	NM_030559_2_+_1
Cwc22	3.480	3.614	3.635	3.596	3.862	3.562	3.786	3.483	4.002	3.760	80744	CWC22	NM_030560_2_-_1
BC004004	7.623	7.368	6.070	6.319	5.885	6.058	5.981	6.268	6.167	5.793	80748	C6orf89	NM_030561_17_+_1
Lrfn1	-4.981	-4.981	-3.531	-4.537	-3.385	-4.436	-2.671	-3.057	-1.277	-3.195	80749	LRFN1	NM_030562_7_+_1
N4bp1	3.863	3.398	4.751	4.602	4.658	4.780	5.229	5.157	6.283	6.252	80750	N4BP1	NM_030563_8_-_1
Rnf34	6.222	6.512	5.795	5.699	5.696	5.642	5.618	5.559	5.774	5.420	80751	RNF34	NM_030564_5_+_1
Fam20c	-2.027	0.860	-2.697	-1.206	-3.973	-3.983	1.380	1.554	5.374	5.244	80752	FAM20C	NM_030565_5_+_1
Rabep2	5.466	5.557	5.298	5.425	5.162	5.704	4.892	5.323	4.883	4.985	70314	RABEP2	NM_030566_7_+_1

Nbea	-4.981	-2.997	-3.549	0.026	-1.229	3.367	-4.807	-1.845	-4.981	-1.767	26422	NBEA	NM_030595_3_-1
Lsm2	-1.427	-1.537	0.641	0.288	0.469	-0.061	0.215	-1.082	-0.678	-2.016	27756	LSM2	NM_030597_17_+1
Rcan2	1.057	1.939	-4.963	-4.980	-4.893	-4.965	-4.980	-4.956	-4.981	-4.981	53901	RCAN2	NM_030598_17_+1
Klrb1b	-1.884	-3.408	-0.476	1.711	0.186	2.059	2.693	5.144	-1.155	-2.910	80782	KLRB1	NM_030599_6_-1
C1ca3a2	-4.981	-3.408	-4.955	-4.955	-4.859	-4.830	-4.935	-4.958	-4.981	-4.981	80797	NA	NM_030601_3_-1
Hist1h1a	-1.025	-2.895	-0.410	-0.788	-0.067	-0.598	-0.347	-1.930	-1.403	-1.454	80838	NA	NM_030609_13_+1
Nfkbiz	-3.788	-0.723	-3.620	-2.372	-0.744	-2.694	-1.729	-1.573	0.156	0.048	80859	NFKBIZ	NM_030612_16_-1
Krit1	4.984	4.439	4.337	3.596	4.229	2.806	4.119	3.539	3.609	4.023	79264	KRIT1	NM_030675_5_+1
Gys1	2.113	2.565	4.140	4.461	3.100	3.494	2.739	3.315	3.799	3.382	14936	GYS1	NM_030678_7_+1
Upf1	2.930	3.418	4.692	4.138	4.701	4.362	4.094	4.692	5.946	5.831	19704	UPF1	NM_030680_8_-1
Tlr1	-0.168	-0.156	1.936	3.946	6.211	5.985	6.117	5.753	4.384	5.356	21897	TLR1	NM_030682_5_-1
Trim34a	5.470	5.373	5.649	4.521	6.398	5.181	6.038	4.496	5.208	4.535	94094	TRIM6-TRIM34	NM_030684_7_+1
Serp1	10.946	10.831	9.467	9.347	8.684	8.833	9.334	9.675	10.405	10.421	28146	SERP1	NM_030685_3_-1
Dhrs4	2.341	1.844	2.268	2.162	2.052	1.387	2.238	1.917	1.901	1.634	28200	DHRS4	NM_030686_14_+1
Nptxr	-4.981	-4.981	-4.755	-1.036	-1.551	-3.922	-3.276	-1.074	-4.967	-1.286	73340	NPTXR	NM_030689_15_-1
Rai14	-3.932	-3.781	-4.217	-4.477	-4.539	-4.812	-4.054	-4.208	-3.551	-3.339	75646	RAI14	NM_030690_15_-1
Igsf6	2.840	1.221	6.497	6.299	7.713	7.996	8.549	8.759	9.299	9.766	80719	IGSF6	NM_030691_7_-1
Sacm1l	5.033	5.316	5.938	5.934	5.457	5.464	5.424	5.627	5.515	6.225	83493	SACM1L	NM_030692_9_+1
Atf5	-0.466	-0.036	-1.632	-1.337	-2.830	-1.963	-0.789	-1.570	-4.365	-0.520	107503	ATF5	NM_030693_7_-1
Ifitm2	3.722	1.891	6.980	6.336	8.029	8.039	9.291	9.459	9.985	9.973	80876	IFITM2	NM_030694_7_-1
Lrba	3.440	3.194	3.828	3.632	4.290	3.829	3.324	2.644	0.509	1.821	80877	LRBA	NM_030695_3_+1
Slc16a3	-2.427	-1.505	-1.268	-1.039	1.893	1.163	2.870	2.666	5.201	4.643	80879	SLC16A3	NM_030696_11_+1
Kank3	1.215	1.177	1.905	1.736	1.975	1.769	2.781	2.982	3.896	3.771	80880	KANK3	NM_030697_17_+1
Maged2	-2.262	0.759	-3.244	-0.243	-3.444	-3.483	-3.712	0.810	-3.747	-0.365	80884	MAGED2	NM_030700_X_-1
Hcar2	1.542	-0.422	0.491	1.374	3.334	3.140	4.374	4.638	2.882	2.758	80885	HCAR2	NM_030701_5_-1
Senp3	2.126	2.426	2.282	2.751	2.398	3.183	2.670	2.098	3.615	3.045	80886	SENP3	NM_030702_11_-1
Cpn1	2.122	2.146	-1.630	-0.404	-0.069	0.226	-0.684	-0.985	-4.981	-0.781	93721	CPN1	NM_030703_19_-1
Mesdc1	2.235	1.840	3.550	3.491	2.125	1.489	3.041	2.986	4.521	3.982	80889	MESDC1	NM_030705_7_-1
Trim2	-4.248	-4.981	-4.081	-4.576	-1.290	-4.107	-1.911	-1.586	-3.953	-4.981	80890	TRIM2	NM_030706_3_-1
Fcrls	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-1.280	-4.013	-1.871	-2.993	80891	NA	NM_030707_3_-1
Slamf6	7.295	7.163	4.152	4.095	5.637	5.214	4.880	5.331	1.316	2.410	30925	SLAMF6	NM_030710_1_+1
Erap1	4.950	5.238	6.258	6.289	5.804	5.776	5.699	5.724	6.001	6.194	80898	ERAP1	NM_030711_13_+1
Cxcr6	1.144	-0.315	-0.026	1.454	-0.019	1.381	-0.264	1.949	-1.828	-0.433	80901	CXCR6	NM_030712_9_+1
Zfp202	3.134	3.073	3.408	1.234	1.612	1.720	1.230	1.214	2.365	1.648	80902	ZNF202	NM_030713_9_+1
Dtx3	5.213	4.766	3.915	3.955	4.478	4.476	3.621	3.677	3.819	3.897	80904	DTX3	NM_030714_10_-1
Polh	-0.447	-0.625	1.528	-0.589	1.504	0.585	1.106	-0.572	0.997	-0.517	80905	POLH	NM_030715_17_-1
Kcnip2	-4.900	-4.981	-4.938	-3.834	-4.971	-4.980	-4.961	-4.978	-4.959	-4.975	80906	KCNIP2	NM_030716_19_-1
Lactb	5.509	5.274	5.506	5.545	6.450	6.652	6.111	5.893	5.305	5.613	80907	LACTB	NM_030717_9_-1
Gatsl2	2.487	2.169	2.704	3.079	3.793	3.268	3.628	2.510	3.662	3.936	80909	GATSL2	NM_030719_5_+1
Gpr84	-3.189	-4.981	-3.731	-4.083	-2.102	-1.209	0.498	1.397	1.819	2.761	80910	GPR84	NM_030720_15_-1
Acox3	5.002	5.089	7.368	7.213	5.723	5.913	5.814	6.010	7.252	7.213	80911	ACOX3	NM_030721_5_+1
Pum1	3.575	3.684	4.507	4.305	4.251	4.115	3.328	4.535	4.506	4.884	80912	PUM1	NM_030722_4_+1
Pum2	1.418	-2.659	-0.184	-3.240	-1.208	-1.736	1.129	-4.174	-0.400	1.307	80913	PUM2	NM_030723_12_+1
Uck2	4.165	4.167	4.700	4.885	4.468	4.553	4.282	4.682	2.301	2.452	80914	UCK2	NM_030724_1_-1
Nckip5d	5.561	4.929	5.723	5.541	4.056	3.591	4.068	4.381	5.359	5.053	80987	NCKIP5D	NM_030729_9_+1
Rad54l2	3.354	3.339	1.891	2.522	1.757	2.497	1.627	1.139	1.822	1.516	81000	RAD54L2	NM_030730_9_-1
Trim23	2.702	3.270	2.962	2.881	2.600	2.593	2.517	2.248	3.252	3.200	81003	TRIM23	NM_030731_13_+1
Tbl1xr1	5.563	5.908	6.029	6.160	6.178	6.097	6.172	6.196	6.683	7.148	81004	TBL1XR1	NM_030732_3_+1
Vmn1r65	-4.981	-4.981	-4.289	-4.410	-4.831	-4.912	-4.820	-4.794	-4.981	-4.227	81013	NA	NM_030738_7_-1
Vmn1r58	-0.631	-0.851	-0.319	-0.409	-0.048	-0.951	-0.720	-1.249	-0.146	-0.154	81014	NA	NM_030739_7_-1
Rnf114	6.837	6.990	6.876	6.887	7.928	7.678	7.583	7.388	7.728	7.369	81018	RNF114	NM_030743_2_+1
Btnl4	-4.981	-4.981	-4.588	-4.370	-4.972	-4.972	-4.978	-4.661	-4.981	-4.981	632126	NA	NM_030746_17_-1
Sil1	6.595	5.926	5.115	4.800	4.499	4.297	4.646	4.375	4.440	3.711	81500	SIL1	NM_030749_18_-1
Sgpp1	6.377	6.175	6.678	6.567	6.300	6.204	6.481	6.625	7.467	7.925	81535	SGPP1	NM_030750_12_-1
Pacsin3	-3.238	-3.583	-2.385	-2.058	-3.925	-4.626	-3.668	-4.149	-4.574	-4.465	80708	PAC3IN3	NM_030880_2_+1
Ankrd17	2.761	4.115	3.528	3.421	3.801	3.845	3.409	2.646	4.007	3.566	81702	ANKRD17	NM_030886_5_-1
Jdp2	-0.422	-0.354	4.397	4.134	3.079	2.595	2.356	1.640	3.228	1.825	81703	JDP2	NM_030887_12_+1
Sorcs2	-1.170	-1.463	-4.981	-4.981	-3.712	-4.167	-4.974	-3.877	-4.981	-4.981	81840	SORCS2	NM_030889_5_-1
Prrt1	1.871	1.966	1.961	1.724	-0.546	-2.578	-0.373	-1.019	-2.060	-2.128	260297	NA	NM_030890_17_+1
Ide	4.987	5.217	5.073	5.295	4.838	5.094	5.121	5.260	5.241	5.516	15925	IDE	NM_031156_19_-1
Ank1	-4.866	-4.045	-4.902	-4.801	-4.926	-4.971	-4.812	-4.728	-4.795	-4.678	11733	ANK1	NM_031158_8_+1
Apobec1	0.833	2.035	-2.751	1.244	1.691	4.558	2.780	6.020	4.266	7.500	11810	APOBEC1	NM_031159_6_-1
Col2a1	-4.981	-4.981	-4.954	-4.979	-4.902	-4.977	-4.981	-4.978	-4.879	-4.981	12824	COL2A1	NM_031163_15_-1
Hspa8	9.568	9.451	11.100	10.489	11.084	10.153	10.780	10.352	10.607	10.547	15481	HSPA8	NM_031165_9_+1
Il1rn	-4.981	-4.981	-4.134	-1.448	-4.693	-4.883	-2.104	-0.880	-4.086	-4.634	16181	IL1RN	NM_031167_2_+1
Il6	-4.981	-1.314	1.170	1.639	1.152	2.193	3.921	-0.030	0.427	0.202	16193	IL6	NM_031168_5_+1
Kcnmb1	-4.981	-4.981	-3.677	-4.602	-2.413	-3.794	-4.588	-4.978	-3.043	-4.227	16533	KCNMB1	NM_031169_11_+1
Krt8	-4.981	-4.981	-2.661	-2.327	-2.045	0.091	-2.811	-3.155	-1.533	-4.981	16691	KRT8	NM_031170_15_-1
Trim17	-4.981	-3.408	-2.970	-4.705	-4.277	-4.861	-3.136	-4.588	-1.254	-4.316	56631	TRIM17	NM_031172_11_+1
Cacnb1	-0.688	-4.216	-2.714	-0.191	-0.222	-1.351	0.270	0.253	0.496	0.547	12295	CACNB1	NM_031173_11_-1
Dscam	-2.164	-4.981	-0.143	-1.281	6.507	6.223	4.383	2.475	-2.121	-2.232	13508	DSCAM	NM_031174_16_-1
Tnxb	-4.981	-2.681	-4.254	-4.796	-1.491	-0.901	-2.195	-3.144	-2.709	-2.750	81877	TNXB	NM_031176_17_+1
Ift122	0.839	-0.853	0.517	0.573	0.144	-1.339	0.614	-0.334	0.507	1.082	81896	IFT122	NM_031177_6_+1
Tlr9	3.390	2.826	1.833	1.818	2.243	2.557	2.225	2.235	1.813	1.970	81897	TLR9	NM_031178_9_+1

Sf3b1	8.131	8.163	8.874	8.666	9.199	8.924	8.946	8.768	9.193	9.218	81898	SF3B1	NM_031179_1_-1
Klb	-4.981	-4.981	-4.981	-4.981	-4.204	-3.621	-4.981	-4.981	-2.015	-2.747	83379	KLB	NM_031180_5_+1
Siglece	1.468	0.146	1.193	1.658	5.107	5.207	4.948	5.261	4.800	5.356	83382	SIGLECE9	NM_031181_7_-1
Tfap4	0.520	0.102	-0.696	-1.277	-0.160	-1.525	-0.097	-1.468	-0.149	-1.036	83383	TFAP4	NM_031182_16_-1
Sp6	-0.798	-1.952	-4.559	-3.771	-2.371	-2.785	-3.371	-3.123	-4.394	-4.981	83395	SP6	NM_031183_11_+1
Glis2	0.105	0.177	0.217	-0.719	2.022	1.164	1.589	-0.340	-1.256	-1.080	83396	GLIS2	NM_031184_16_+1
Akap12	2.005	-0.019	-1.316	-4.284	-0.510	-1.181	-0.616	1.054	0.738	1.796	83397	AKAP12	NM_031185_10_+1
Msr1	-0.019	-4.981	-0.354	-0.544	-0.130	-0.263	3.999	5.210	7.012	7.798	20288	MSR1	NM_031195_8_-1
Slc19a1	2.498	2.405	1.787	2.484	1.474	2.192	0.929	2.683	2.221	2.374	20509	SLC19A1	NM_031196_10_+1
Tfec	-1.618	-1.053	-1.419	-0.968	0.584	-0.452	1.832	1.999	2.629	3.335	21426	TFEC	NM_031198_6_-1
Tgfa	-1.412	-0.864	-4.981	-4.981	-4.971	-4.795	-4.765	-4.827	-4.981	-4.981	21802	TGFA	NM_031199_6_+1
Tsta3	6.019	5.660	6.250	6.226	5.515	5.309	5.289	5.328	4.962	4.753	22122	TSTA3	NM_031201_15_-1
Gimap3	1.770	0.689	-0.047	1.078	0.557	1.911	2.191	3.754	0.989	0.089	83408	GIMAP1-GIMAP5	NM_031247_6_-1
Lamtor2	7.262	7.094	6.854	6.874	6.547	6.678	7.046	6.945	6.340	6.257	83409	LAMTOR2	NM_031248_3_-1
Cstf2t	4.534	4.624	4.628	4.711	4.541	4.743	4.774	4.484	5.462	5.607	83410	CSTF2T	NM_031249_19_+1
Ctns	3.777	4.421	4.321	4.299	4.022	4.510	5.024	4.813	4.937	4.939	83429	CTNS	NM_031251_11_-1
Il23a	-4.981	-4.981	-4.877	-3.385	-4.156	-2.495	-3.439	-4.886	-3.925	-4.981	83430	IL23A	NM_031252_10_-1
Trem2	-4.981	-4.981	-4.753	-2.489	-4.917	-2.321	-0.269	2.500	4.871	5.428	83433	TREM2	NM_031254_17_+1
Plekha3	5.032	5.272	5.016	5.105	5.325	5.297	5.336	5.169	5.195	5.345	83435	PLEKHA3	NM_031256_2_+1
Plekha2	5.612	5.936	6.431	6.461	6.065	6.126	5.924	6.395	6.695	6.931	83436	PLEKHA2	NM_031257_8_-1
Nxf2	-3.677	-3.889	-4.846	-4.790	-4.504	-4.895	-4.388	-4.686	-4.650	-4.512	83454	NXF2 NXF2B	NM_031259_X_-1
Bglap3	-0.197	-0.204	-4.808	-4.706	-4.713	-4.966	-4.981	-4.981	-4.981	-4.981	12095	BGLAP	NM_031368_3_-1
Ogfr	5.800	5.580	6.096	6.010	5.942	5.550	6.057	5.904	7.157	6.612	72075	OGFR	NM_031373_2_+1
Tex15	-4.981	-2.160	-0.899	-1.564	1.749	2.284	-0.207	0.415	-0.728	-1.380	104271	TEX15	NM_031374_8_+1
Ngrn	5.278	5.894	4.110	4.853	4.120	4.944	4.375	4.844	3.968	4.502	83485	NGRN	NM_031375_7_+1
Pik3ap1	5.617	5.261	5.897	5.587	6.116	5.594	5.988	5.786	6.591	6.095	83490	PIK3AP1	NM_031376_19_-1
Tktl1	-1.455	-4.981	1.447	1.536	-3.080	-3.141	-3.262	-3.877	-2.747	-4.227	83553	TKTL1	NM_031379_X_+1
Fstl3	4.954	4.760	-2.929	-2.241	-2.556	-1.814	-1.153	0.176	0.798	1.259	83554	FSTL3	NM_031380_10_+1
Tex14	-2.375	-2.756	-0.037	-2.113	-0.524	-0.025	-0.100	-1.195	-0.066	0.133	83560	TEX14	NM_031386_11_+1
Gtf2a1	4.967	4.843	5.792	5.866	6.249	6.063	5.939	5.315	4.897	5.500	83602	GTF2A1	NM_031391_12_-1
Wdr6	4.045	3.955	5.217	5.479	5.434	5.578	4.456	4.486	3.069	3.162	83669	WDR6	NM_031392_9_-1
Sytl1	3.655	3.983	-3.095	-1.468	-2.827	-0.801	-1.036	0.576	-0.186	-0.565	269589	SYTL1	NM_031393_4_-1
Sytl2	-4.981	-4.981	-4.981	-4.981	-4.966	-4.817	-3.051	-4.927	-4.981	-4.981	83671	SYTL2	NM_031394_7_+1
Sytl3	0.098	-2.681	-3.800	-3.387	-4.568	-2.204	1.736	-0.780	-4.981	-4.981	83672	SYTL3	NM_031395_17_+1
Cnmm1	-4.981	-4.981	0.666	1.533	-4.633	-4.956	-4.983	-4.036	-4.981	-4.342	83674	CNNM1	NM_031396_19_+1
Crispld1	-3.028	-4.981	-0.193	-1.972	-3.163	-4.113	-4.962	-4.527	-4.981	-4.981	83691	CRISPLD1	NM_031402_1_+1
Dbr1	3.972	3.293	4.529	3.975	3.936	3.183	3.893	3.247	3.501	3.099	83703	DBR1	NM_031403_9_+1
Srrt	4.871	4.811	5.430	5.580	5.424	5.584	5.257	4.940	4.830	4.719	83701	SRRT	NM_031405_5_-1
Slc12a9	4.347	3.931	5.699	5.123	4.756	4.106	5.011	4.619	5.994	5.405	83704	SLC12A9	NM_031406_5_-1
Gigyf1	2.894	2.817	3.419	2.775	3.260	2.855	3.290	2.994	3.497	3.383	57330	GIGYF1	NM_031408_5_+1
Znf275	0.785	0.849	-0.294	0.924	0.785	-0.751	0.669	0.397	0.724	1.956	27081	ZNF275	NM_031494_X_+1
Smarcd1	3.212	3.210	3.225	3.112	3.860	3.715	3.769	3.222	3.545	3.306	83797	SMARCD1	NM_031842_15_+1
Dpp7	4.814	6.109	4.829	6.217	3.506	4.637	3.712	5.076	3.223	4.520	83768	DPP7	NM_031843_2_-1
Cenpq	5.150	5.365	3.371	3.348	3.975	3.756	3.745	3.634	2.664	2.063	83815	CENPQ	NM_031863_17_-1
Tas1r1	-4.981	-2.681	-2.921	-2.192	-4.481	-4.960	-3.504	-2.981	-3.373	-2.910	110326	TAS1R1	NM_031867_4_-1
Ppp1ca	9.441	9.370	9.618	9.692	9.503	9.393	9.461	9.737	9.900	9.836	19045	PPP1CA	NM_031868_19_+1
Prkab1	4.786	4.720	4.329	4.595	4.608	4.509	4.680	4.975	5.339	5.221	19079	PRKAB1	NM_031869_5_-1
Msh4	-4.474	-3.611	-4.935	-4.974	-4.976	-4.981	-4.980	-4.981	-4.981	-4.981	55993	MSH4	NM_031870_3_-1
Ghdc	2.624	3.237	1.110	1.458	1.299	1.592	1.019	1.286	2.208	2.416	80860	GHDC	NM_031871_11_-1
Tas1r3	-4.981	0.156	-0.137	-0.798	-1.225	-2.120	-1.358	-1.247	-0.055	-0.975	83771	TAS1R3	NM_031872_4_-1
Rab3d	5.327	5.331	3.310	3.006	2.930	2.111	3.957	3.406	6.788	5.083	19340	RAB3D	NM_031874_9_-1
Otof	-4.402	-4.981	-4.936	-4.825	-4.957	-4.977	-4.547	-4.960	-4.756	-4.121	83762	OTOF	NM_031875_5_-1
Smarcd2	5.385	5.245	5.649	5.786	5.929	5.828	5.899	5.856	6.138	6.261	83796	SMARCD2	NM_031878_11_-1
Tnk1	-4.981	-4.981	-4.739	-3.624	-4.938	-4.206	-4.945	-4.825	-4.981	-4.088	83813	TNK1	NM_031880_11_-1
Nedd4l	-0.260	-1.410	-0.135	-3.248	-0.533	-2.514	-0.611	-2.414	-1.479	-1.390	83814	NEDD4L	NM_031881_18_+1
Tmem2	-2.116	0.624	-1.465	-1.568	-1.045	-4.521	-1.602	-2.188	0.599	-4.027	83921	TMEM2	NM_031997_19_+1
Cep41	2.647	2.871	1.950	1.955	2.165	1.904	1.797	1.983	0.207	1.033	83922	CEP41	NM_031998_6_-1
Gpr137b	6.767	6.803	6.320	6.311	5.240	5.543	5.337	5.216	4.742	4.523	83924	GPR137B	NM_031999_13_-1
Trps1	0.062	0.883	4.021	3.792	5.786	5.518	5.560	5.404	5.579	6.286	83925	TRPS1	NM_032000_15_-1
Nrg4	1.132	0.739	-0.583	-1.518	1.477	1.086	-0.349	-1.255	0.030	-0.602	83961	NRG4	NM_032002_9_-1
Enpp5	3.427	3.544	3.930	3.535	-0.533	0.867	1.117	-0.460	-4.666	-4.669	83965	ENPP5	NM_032003_17_+1
Tssk6	1.009	0.797	0.636	0.535	1.173	0.978	0.756	0.335	2.023	1.234	83984	TSSK6	NM_032004_8_+1
Slmap	2.782	4.068	3.972	3.783	3.824	4.414	3.772	4.018	4.573	4.738	83997	SLMAP	NM_032008_14_-1
Map1a	-4.981	-4.981	-4.968	-4.941	-4.203	-4.921	-4.973	-4.802	-4.540	-4.630	17754	MAP1A	NM_032393_2_+1
Kremen1	3.292	2.953	2.450	2.401	2.246	2.450	2.551	2.790	4.552	4.812	84035	KREMEN1	NM_032396_11_-1
Kcnn1	-3.843	-4.981	0.299	-0.513	-0.737	-1.265	-2.539	-2.052	-3.750	-3.166	84036	KCNN1	NM_032397_8_-1
Plvap	2.934	1.095	1.411	1.518	0.443	1.903	-1.096	2.802	-0.837	-0.989	84094	PLVAP	NM_032398_8_-1
Sucnr1	-4.981	-1.589	-2.293	-3.382	5.691	5.975	4.100	2.208	-3.925	-4.981	84112	SUCNR1	NM_032400_3_+1
Dmpk	-4.124	-1.186	-1.968	-3.044	-0.806	-2.843	-1.533	-2.887	-2.038	-4.647	13400	DMPK	NM_032418_7_+1
Gpank1	4.624	4.168	3.824	3.657	4.033	3.812	4.138	3.787	4.074	3.753	81845	GPANK1	NM_032460_17_+1
Cd96	3.986	4.235	0.198	0.554	0.465	1.920	-0.713	2.194	-2.029	-2.152	84544	CD96	NM_032465_16_-1
Kel	-4.981	1.139	-2.846	2.265	-1.671	2.273	-2.156	2.013	-1.538	0.364	23925	KEL	NM_032540_6_-1
Rnf123	5.132	5.115	5.907	5.822	5.643	5.558	5.002	5.076	5.428	5.078	84585	RNF123	NM_032543_9_-1
Gtpbp3	2.538	2.649	1.656	1.679	2.042	2.005	1.981	1.940	1.938	1.950	70359	GTPBP3	NM_032544_8_+1

Cdo1	-0.956	0.216	-1.924	-1.131	-3.333	-0.030	-2.003	-1.510	-0.674	-1.589	12583	CDO1	NM_033037_18_-1
Hes7	-2.413	-2.437	-1.291	-1.505	-3.672	-4.063	-2.171	-3.571	-3.153	-3.191	84653	HES7	NM_033041_11_+1
Tnfrsf25	-2.075	-0.840	-2.824	-2.310	-1.303	-0.334	-2.701	-0.742	-2.780	-2.883	85030	TNFRSF25	NM_033042_4_+1
Mbd6	2.754	2.868	3.131	3.254	3.731	3.701	3.735	3.128	3.444	3.249	110962	MBD6	NM_033072_10_-1
Krt7	-4.981	-1.314	0.938	0.227	0.329	-0.883	0.988	0.687	1.411	0.578	110310	KRT7	NM_033073_15_+1
Tars	4.994	5.149	5.819	5.886	5.511	5.589	5.590	5.875	5.677	5.752	110960	TARS	NM_033074_15_-1
D17H6S56E-5	3.186	1.852	3.269	3.109	3.399	2.793	3.190	3.010	3.200	2.539	110956	NA	NM_033075_17_-1
Klrk1	1.161	1.296	5.179	5.671	4.209	5.917	5.370	5.121	1.717	-1.402	27007	NA	NM_033078_6_-1
M1ap	0.461	0.145	1.845	2.441	2.414	2.969	2.553	2.245	1.610	0.566	110958	M1AP	NM_033079_6_+1
Nudt19	7.190	6.546	4.615	4.459	4.261	4.615	4.717	4.632	4.312	4.107	110959	NUDT19	NM_033080_7_-1
Inpp5e	3.178	2.650	3.127	3.095	3.515	3.432	3.430	3.604	4.183	3.884	64436	INPP5E	NM_033134_2_-1
Sept8	-0.694	1.236	-3.889	-2.595	-0.653	-0.160	0.825	-2.995	0.314	0.972	20362	SEPT8	NM_033144_11_+1
Emc9	4.975	4.935	3.486	3.440	3.410	3.565	3.788	3.884	3.282	3.309	85308	EMC9	NM_033146_14_-1
B3galt5	2.298	1.381	-4.821	-4.973	-4.981	-4.981	-4.684	-3.893	-4.981	-4.981	93961	B3GALT5	NM_033149_16_+1
Snurf	-2.086	-2.261	-4.144	-4.714	-3.726	-2.357	-3.816	-2.708	-4.981	-4.981	84704	SNURF	NM_033174_7_-1
Ngfr	-4.981	-4.981	-1.238	-3.913	-4.886	-4.598	-4.243	-4.587	-3.247	-4.981	18053	NGFR	NM_033217_11_-1
Srebfb2	6.667	6.674	6.922	6.746	7.467	7.547	6.709	6.473	6.338	6.261	20788	SREBF2	NM_033218_15_+1
Arpp21	-0.828	-0.598	-4.870	-4.882	-4.969	-4.969	-4.981	-4.981	-4.981	-4.981	74100	ARPP21	NM_033264_9_-1
Actn2	-4.981	-4.981	-4.287	-3.587	-4.945	-1.915	-4.596	-2.268	-4.981	-4.981	11472	ACTN2	NM_033268_13_-1
Chrm3	-4.981	0.056	-3.526	-1.242	-4.976	-4.749	-2.266	-1.549	-0.080	1.018	12671	CHRM3	NM_033269_13_-1
E2f6	3.062	2.876	2.234	3.251	2.543	2.783	2.576	3.059	3.121	2.702	50496	E2F6	NM_033270_12_+1
Slco2a1	-3.349	-1.104	-2.729	-0.927	-2.690	-3.713	-4.323	-2.710	-2.598	-4.981	24059	SLCO2A1	NM_033314_9_+1
Glce	4.702	4.374	6.008	5.431	2.629	2.642	2.520	3.287	3.809	4.185	93683	GLCE	NM_033320_9_-1
P2rx5	-4.981	-2.997	3.604	2.969	2.203	2.729	2.862	2.169	-3.738	-2.795	94045	P2RX5	NM_033321_11_+1
Lztf11	5.371	4.998	5.422	5.524	4.878	5.333	4.884	4.747	4.317	4.940	93730	LZTF11	NM_033322_9_-1
Dgcr8	2.369	2.692	3.135	3.042	3.216	3.107	3.109	3.429	3.624	3.554	94223	DGCR8	NM_033324_16_-1
Loxl2	0.677	1.492	1.975	1.602	1.694	2.258	1.829	2.137	1.070	0.970	94352	LOXL2	NM_033325_14_+1
Sec16b	-4.981	-3.902	-4.969	-4.973	-4.923	-4.975	-4.773	-4.916	-4.394	-4.588	89867	SEC16B	NM_033354_1_+1
Copb1	6.394	6.662	6.707	7.005	6.718	6.660	6.781	6.926	7.264	7.524	70349	COPB1	NM_033370_7_-1
Ppp1r16a	3.622	3.407	3.874	3.736	4.207	4.311	3.813	3.749	3.827	3.807	73062	PPP1R16A	NM_033371_15_+1
Dock2	6.866	6.632	7.615	7.843	7.914	7.913	7.967	8.029	8.885	8.843	94176	DOCK2	NM_033374_11_-1
Jmjd6	5.509	5.816	5.342	5.623	5.465	5.847	5.356	5.615	5.276	5.221	107817	JMJD6	NM_033398_11_-1
Clic1	9.019	9.017	9.251	9.294	9.374	9.317	9.171	9.245	9.053	8.885	114584	CLIC1	NM_033444_17_+1
Arvcf	-4.618	-4.512	-3.361	-2.562	-4.906	-4.003	-4.735	-4.558	-4.873	-4.970	11877	ARVCF	NM_033474_16_+1
Rab34	-4.981	-4.981	-1.461	-1.084	-2.135	-3.205	-4.225	-1.868	-2.927	-4.342	19376	RAB34	NM_033475_11_+1
Tfcp2	1.959	2.474	0.732	1.720	1.448	1.511	1.157	1.285	1.599	1.674	21422	TFCP2	NM_033476_15_-1
D17H6S53E	1.329	1.491	1.155	1.044	0.513	0.449	0.695	0.754	1.033	0.958	114585	C6orf47	NM_033477_17_+1
Vangl2	3.373	2.892	1.295	0.494	2.245	1.326	1.660	1.800	1.767	2.458	93840	VANGL2	NM_033509_1_-1
Laptm4b	5.219	5.768	7.335	7.088	1.010	2.851	2.070	4.101	2.000	4.519	114128	LAPTM4B	NM_033521_15_+1
Spred2	-0.585	-1.128	0.579	0.337	1.209	0.426	1.212	0.232	0.121	-0.246	114716	SPRED2	NM_033523_11_+1
Spred1	1.250	0.892	3.752	4.142	4.667	4.071	5.070	4.774	5.345	5.649	114715	SPRED1	NM_033524_2_+1
Npnt	-4.981	-4.981	-4.906	-4.952	-4.974	-4.974	-4.976	-4.972	-4.981	-4.981	114249	NPNT	NM_033525_3_-1
Ubqln4	3.219	3.415	3.796	3.867	3.816	3.895	4.058	4.172	4.284	4.383	94232	UBQLN4	NM_033526_3_+1
Oas1c	-1.549	0.339	-0.627	-2.608	3.044	2.874	3.049	1.803	2.843	1.174	114643	NA	NM_033541_5_-1
Slc4a10	-3.170	-3.473	-3.191	-4.018	-3.760	-4.648	-3.597	-4.676	-4.494	-4.267	94229	SLC4A10	NM_033552_2_+1
Vps37a	6.992	7.648	5.796	6.152	5.297	5.716	5.126	5.459	4.935	5.604	52348	VPS37A	NM_033560_8_+1
Eif4h	7.243	7.071	8.108	8.117	8.027	7.892	7.952	7.999	8.530	8.272	22384	EIF4H	NM_033561_5_-1
Derl2	6.775	6.879	6.658	6.675	6.056	6.014	6.028	6.180	5.645	6.087	116891	DERL2	NM_033562_11_-1
Klf7	3.790	4.510	3.101	2.654	3.235	3.289	3.021	2.796	2.534	2.068	93691	KLF7	NM_033563_1_-1
Mpv17l	-1.266	-0.056	-4.613	-4.835	-4.847	-4.947	-4.670	-4.915	-4.640	-4.881	93734	MPV17L	NM_033564_16_+1
Aff4	5.408	5.401	5.825	5.579	6.105	6.167	5.393	5.519	5.158	5.439	93736	AFF4	NM_033565_11_+1
Cecr6	-4.981	-4.981	-4.963	-4.665	-4.979	-4.737	0.978	1.027	1.731	0.908	94047	CECR6	NM_033567_6_-1
Snf8	6.177	6.064	5.950	5.963	5.676	5.665	5.669	5.696	5.728	5.490	27681	SNF8	NM_033568_11_+1
Cnnm2	-0.674	-3.477	-0.722	-0.738	-4.532	-3.238	-3.959	-2.022	-0.376	-0.478	94219	CNNM2	NM_033569_19_+1
Cnnm4	2.861	3.454	2.630	2.394	3.557	3.527	3.139	3.097	3.412	3.698	94220	CNNM4	NM_033570_1_+1
Wbscr16	2.916	2.623	3.281	3.126	2.877	3.038	3.149	3.233	2.885	2.906	94254	RCC1L	NM_033572_5_-1
Prc	2.519	1.302	2.400	1.681	2.819	1.683	2.841	1.419	3.379	2.301	94315	PRCC	NM_033573_3_-1
Pcdhgb1	-4.981	-2.760	-4.410	-3.964	-4.307	-4.958	-4.956	-4.296	-4.981	-4.981	93699	PCDHGB1	NM_033574_18_+1
Pcdhgb2	-3.349	-4.165	-3.318	-4.511	-4.530	-4.405	-3.593	-4.849	-4.981	-4.981	93700	PCDHGB2	NM_033575_18_+1
Pcdhgb4	-1.987	-1.701	-2.675	-3.070	-1.381	-2.787	-1.970	-2.296	-4.981	-1.871	93701	PCDHGB4	NM_033576_18_+1
Pcdhgb5	-1.272	-3.437	-3.370	-3.678	-3.177	-4.669	-3.711	-3.880	-4.981	-3.926	93702	PCDHGB5	NM_033577_18_+1
Pcdhgb6	-1.603	-4.362	-2.221	-3.446	-2.391	-3.786	-2.308	-1.796	-3.109	-3.070	93703	PCDHGB6	NM_033578_18_+1
Pcdhgb7	-1.396	-3.518	-2.494	-2.709	-3.052	-4.727	-2.896	-3.212	-4.981	-4.981	93704	PCDHGB7	NM_033579_18_+1
Pcdhgb8	-4.981	-4.122	-4.915	-4.714	-3.548	-4.905	-4.981	-4.575	-4.981	-4.981	93705	PCDHGB8	NM_033580_18_+1
Pcdhgc3	-3.191	-4.378	-3.913	-2.610	-3.500	-3.441	-2.563	-3.494	-4.981	-2.846	93706	PCDHGC3	NM_033581_18_+1
Pcdhgc4	-3.639	-4.777	-3.985	-2.299	-3.299	-4.323	-4.834	-4.501	-4.981	-1.742	93707	PCDHGC4	NM_033582_18_+1
Pcdhgc5	-4.981	-4.428	-4.977	-4.917	-4.865	-4.587	-4.928	-4.800	-2.351	-4.981	93708	PCDHGC5	NM_033583_18_+1
Pcdhga1	-1.670	-3.556	-4.965	-4.731	-2.128	-3.233	-3.482	-4.535	-4.981	-4.981	93709	PCDHGA1	NM_033584_18_+1
Pcdhga2	-4.981	-3.556	-2.846	-4.650	-4.645	-4.965	-4.972	-4.791	-4.981	-4.981	93710	PCDHGA2	NM_033585_18_+1
Pcdhga3	-4.981	-4.393	-3.313	-4.884	-4.867	-4.800	-4.964	-3.914	-4.981	-4.981	93711	PCDHGA3	NM_033586_18_+1
Pcdhga4	-1.275	-3.538	-3.620	-4.496	-4.056	-3.874	-4.893	-3.436	-4.981	-4.981	93712	PCDHGA4	NM_033587_18_+1
Pcdhga5	-3.635	-0.662	-2.632	-4.640	-4.884	-4.450	-4.227	-2.562	-4.981	-2.532	93713	PCDHGA5	NM_033588_18_+1
Pcdhga6	-4.981	-3.582	-4.936	-4.546	-4.924	-4.924	-4.944	-4.655	-4.981	-4.981	93714	PCDHGA6	NM_033589_18_+1
Pcdhga7	-4.981	-4.277	-2.750	-4.318	-2.313	-2.723	-4.390	-4.439	-3.796	-4.981	93715	PCDHGA7	NM_033590_18_+1

Pcdhga8	-3.638	-4.473	-4.204	-4.756	-3.031	-2.289	-3.842	-4.685	-4.981	-4.080	93716	PCDHGA8	NM_033591_18_+1
Pcdhga9	-4.981	-4.451	-4.946	-4.856	-4.867	-4.691	-4.547	-4.932	-4.981	-4.981	93717	PCDHGA9	NM_033592_18_+1
Pcdhga10	-4.981	-2.070	-4.967	-4.730	-4.959	-4.597	-4.973	-4.772	-4.981	-4.981	93722	PCDHGA10	NM_033593_18_+1
Pcdhga11	-4.981	-1.024	-4.505	-4.849	-4.632	-2.338	-3.605	-3.156	-4.981	-3.931	93723	PCDHGA11	NM_033594_18_+1
Pcdhga12	-1.685	-4.798	-2.439	-2.587	-2.926	-3.001	-2.838	-2.749	-1.497	-1.151	93724	PCDHGA12	NM_033595_18_+1
Hist2h4	-0.059	0.426	-0.919	-1.361	-0.048	-0.111	0.467	-0.661	0.229	-0.083	97122	HIST1H4C	NM_033596_3_-1
Bcl3	5.585	5.372	5.134	5.060	6.641	6.434	6.485	6.087	6.560	6.319	12051	BCL3	NM_033601_7_-1
Peli2	5.003	4.652	-2.729	-1.557	-0.184	-0.491	0.904	1.484	3.248	3.878	93834	PELI2	NM_033602_14_+1
Amn	-4.981	-4.981	-3.628	-4.398	-3.311	-3.944	-3.156	-3.985	-2.953	-2.946	93835	AMN	NM_033603_12_+1
Rnf111	4.974	5.050	5.561	5.385	6.217	6.191	5.837	5.703	6.091	6.124	93836	RNF111	NM_033604_9_-1
Dach2	-4.981	-1.137	-4.980	-4.974	-3.564	-4.989	-4.883	-4.978	-4.981	-4.874	93837	DACH2	NM_033605_X_+1
Dqx1	0.466	2.258	0.862	1.213	0.616	2.241	0.659	1.090	-0.037	1.516	93838	DQX1	NM_033606_6_+1
Uchl1	-0.416	0.470	0.766	0.288	1.297	1.515	1.350	-0.125	0.881	0.944	93841	NA	NM_033607_9_+1
Igsf9	-1.424	-2.063	-2.595	-2.740	-4.229	-4.784	-3.346	-4.028	-4.209	-4.191	93842	IGSF9	NM_033608_1_+1
Med15	4.538	4.297	4.478	4.852	4.570	4.345	4.799	4.950	6.485	5.939	94112	NA	NM_033609_16_-1
Cela1	3.166	0.989	1.208	2.023	2.608	1.934	2.230	2.511	0.798	0.058	109901	CELA1	NM_033612_15_-1
Dxo	3.249	3.703	2.794	2.771	2.464	3.047	2.253	2.442	2.643	2.627	112403	DXO	NM_033613_17_+1
Adam33	-4.052	-4.981	-4.984	-4.648	-4.699	-2.192	-4.138	-0.959	-1.812	-4.260	110751	ADAM33	NM_033615_2_-1
Atp6vob	8.744	8.678	7.982	8.026	8.081	8.241	8.150	8.352	8.490	8.519	114143	ATP6VOB	NM_033617_4_-1
Supt16	6.061	6.194	5.837	6.432	5.922	6.818	5.697	6.670	4.540	6.656	114741	SUPT16H	NM_033618_14_-1
Pard3	-0.092	0.249	-3.904	-4.422	-4.822	-4.706	-4.977	-4.750	-4.981	-4.981	93742	PARD3	NM_033620_8_+1
Tnfsf13b	-0.779	0.814	1.787	2.606	-0.393	-0.418	2.568	2.977	4.041	3.463	24099	TNFSF13B	NM_033622_8_+1
Dcun1d1	2.687	2.319	2.132	2.219	1.134	0.006	0.314	1.164	1.132	2.446	114893	DCUN1D1	NM_033623_3_-1
Fxyd4	-4.981	-3.650	-3.085	-3.667	-0.881	-2.098	-4.611	-4.718	-4.625	-4.981	108017	FXDY4	NM_033648_6_-1
Fxyd2	-4.922	-4.815	-3.453	0.868	-0.590	-2.212	3.124	0.727	-4.955	-4.981	11936	NA	NM_052823_9_+1
Rpl10	10.607	10.566	10.701	10.557	9.777	9.644	10.160	10.202	9.677	9.736	110954	RPL10	NM_052835_X_+1
Strn3	2.547	2.411	1.885	2.514	2.208	2.260	2.174	1.588	2.236	3.162	94186	STRN3	NM_052973_12_-1
Ophn1	2.510	2.662	-1.229	-1.808	-4.111	-3.341	-1.804	0.607	3.088	3.814	94190	OPHN1	NM_052976_X_-1
Fxyd1	-4.981	-4.981	-4.891	-4.962	-4.979	-4.981	-4.977	-4.974	-4.981	-4.981	56188	FXDY1	NM_052992_7_-1
C1gal1	4.408	4.561	2.846	3.325	3.198	3.319	3.204	3.807	4.059	4.829	94192	C1GALT1	NM_052993_6_+1
Spock2	-4.981	-4.981	-4.959	-4.688	-4.221	-4.434	-4.510	-4.135	-4.981	-2.609	94214	SPOCK2	NM_052994_10_+1
Zfp91	5.540	5.322	5.274	5.407	5.519	5.518	5.496	5.268	5.257	5.402	109910	ZFP91	NM_053009_19_-1
Agpat3	5.185	5.100	6.965	6.904	5.198	5.476	4.793	5.317	4.067	4.473	28169	AGPAT3	NM_053014_10_-1
Chrac1	7.572	7.663	6.737	6.768	6.722	6.951	6.995	6.966	6.199	6.124	93696	CHRAC1	NM_053068_15_+1
Atg5	6.939	6.802	5.863	6.026	5.608	5.836	6.050	6.062	5.879	6.233	11793	ATG5	NM_053069_10_+1
Car7	-4.434	-4.981	-4.705	-4.977	-4.562	-4.602	-4.892	-4.889	-3.952	-4.981	12354	CA7	NM_053070_8_+1
Cox6c	8.732	8.359	8.612	8.346	8.541	8.368	8.614	8.134	7.679	7.132	12864	NA	NM_053071_15_-1
Fgd6	1.043	-0.058	4.838	4.489	-2.288	-1.762	-0.519	2.081	1.909	2.938	13998	FGD6	NM_053072_10_+1
Nup62	4.427	4.539	5.096	5.250	5.502	5.255	5.519	5.347	4.561	4.452	18226	NUP62	NM_053074_7_+1
Rheb	7.276	7.145	7.383	7.033	6.818	6.729	6.905	6.657	6.283	6.316	19744	RHEB	NM_053075_5_-1
Rtn3	5.222	5.530	5.905	6.059	6.410	6.518	6.498	6.507	6.973	7.066	20168	RTN3	NM_053076_19_-1
Nrep	-4.981	-4.981	-4.496	-4.769	-4.814	-4.952	-4.862	-4.957	-4.584	-4.854	27528	NREP	NM_053078_18_-1
Slc15a1	-4.981	-4.981	-3.109	-5.015	-3.225	-4.880	-4.261	-4.951	-4.981	-4.342	56643	SLC15A1	NM_053079_14_-1
Aldh1a3	-2.075	-4.981	-3.441	-2.422	-0.852	-3.349	-1.759	-2.968	-2.847	-1.883	56847	ALDH1A3	NM_053080_7_-1
Fancg	3.351	5.608	2.735	4.048	3.878	5.286	3.311	4.377	3.583	3.867	60534	FANCG	NM_053081_4_-1
Tspan4	-0.490	-1.523	-0.613	-0.801	-0.901	-1.399	-0.392	-0.857	-2.510	-2.180	64540	TSPAN4	NM_053082_7_+1
Loxl4	-2.250	-1.786	-3.372	-3.395	-0.919	-3.168	-3.566	-3.343	-1.861	-0.665	67573	LOXL4	NM_053083_19_-1
Trim32	-0.349	0.518	0.961	0.425	0.758	0.934	0.369	0.766	1.790	2.458	69807	TRIM32	NM_053084_4_+1
Nolc1	1.605	2.300	0.820	1.582	1.420	1.058	-0.019	1.322	1.085	1.431	70769	NA	NM_053086_19_+1
Ifitm5	-4.981	-4.981	-0.448	-2.201	0.297	-0.756	0.320	-0.827	0.742	0.549	73835	IFITM5	NM_053088_7_-1
Naa15	5.789	5.688	5.885	5.899	5.562	5.572	5.548	5.379	5.247	5.611	74838	NAA15	NM_053089_3_+1
Fam126a	3.435	3.471	3.938	3.987	5.085	4.686	5.279	4.506	6.095	5.367	84652	FAM126A	NM_053090_5_-1
Kars	5.649	5.798	5.617	5.845	5.707	5.608	5.571	5.624	5.205	4.923	85305	KARS	NM_053092_8_-1
Tac4	0.400	0.555	-4.705	-3.991	-4.343	-4.575	-3.449	-4.262	-1.742	-3.386	93670	NA	NM_053093_11_+1
Cd163	2.674	2.102	0.958	0.996	1.559	0.573	2.344	3.962	2.182	2.504	93671	CD163	NM_053094_6_+1
Nat8f2	-4.981	-4.981	-4.935	-4.593	-4.949	-4.565	-4.940	-4.655	-4.981	-4.981	93673	NA	NM_053096_6_-1
Setbp1	4.240	4.419	0.793	0.510	3.358	3.936	1.463	1.906	-0.423	0.047	240427	SETBP1	NM_053099_18_-1
Trim8	5.814	5.526	5.514	5.573	5.741	5.829	5.988	6.186	7.111	7.091	93679	TRIM8	NM_053100_19_+1
Sep15	9.609	9.665	8.382	8.423	8.601	8.629	8.489	8.562	8.409	8.521	93684	SELENOF	NM_053102_3_+1
Entpd7	3.086	3.673	3.176	3.817	3.343	3.850	3.015	3.596	3.636	4.274	93685	ENTPD7	NM_053103_19_+1
Rbfox2	-4.981	-4.981	-4.965	-4.831	-4.977	-4.968	-4.086	-4.804	-4.981	-4.910	93686	RBFOX2	NM_053104_15_-1
Gpr45	-4.981	-4.981	-4.972	-4.972	-4.961	-4.865	-4.981	-4.981	-4.981	-4.981	93690	GPR45	NM_053107_1_+1
Glrx	5.943	4.196	8.497	8.896	7.438	7.014	7.365	7.340	6.880	7.520	93692	GLRX	NM_053108_13_+1
Clec2d	3.831	4.635	2.926	2.946	2.299	3.283	3.192	3.599	1.105	2.011	93694	NA	NM_053109_6_+1
GpnmB	-0.371	-0.676	-2.550	-4.256	-4.787	-4.303	-1.099	-2.857	1.707	0.072	93695	GNPMB	NM_053110_6_+1
Ear6	-4.981	-4.981	-4.976	-4.769	-4.952	-4.754	-3.757	-3.381	-4.981	-1.006	93719	NA	NM_053111_14_+1
Ear10	-4.981	-4.981	-4.305	-2.994	-3.961	-2.040	-2.070	2.527	-1.295	4.872	93725	NA	NM_053112_14_-1
Rnase2a	-4.981	-1.910	-4.940	-3.886	-4.824	-3.380	-4.955	-2.415	-2.234	2.717	93726	RNASE2	NM_053113_14_-1
Pard6g	-3.843	0.304	0.568	1.837	-0.887	1.067	-0.231	1.304	-4.981	-0.746	93737	PARD6G	NM_053117_18_+1
Echs1	6.076	5.950	5.752	5.832	5.619	5.814	6.019	5.963	6.932	5.817	93747	ECHS1	NM_053119_7_-1
Immp2l	4.240	4.823	4.029	4.234	4.806	5.017	3.593	3.653	-0.199	-0.156	93757	IMMP2L	NM_053122_12_+1
Smarca5	6.359	6.377	6.758	6.681	6.971	6.830	6.816	6.824	6.710	6.924	93762	SMARCA5	NM_053124_8_-1
Pcdhb14	-4.981	-0.808	-4.977	-4.977	-4.083	-4.818	-4.840	-3.636	-4.981	-4.981	93885	NA	NM_053139_18_+1
Pcdhb22	-3.189	-1.318	-4.274	-3.106	-4.941	-4.941	-2.355	-3.792	-4.981	-4.981	93893	PCDHB15	NM_053147_18_+1

Hemgn	-1.987	1.165	-1.048	2.908	0.089	3.224	0.490	3.546	-1.455	1.418	93966	HEMGN	NM_053149_4_-1
Klra21	-4.981	2.726	-4.879	-1.777	-4.816	-1.717	-4.753	-0.910	-4.832	-4.426	93968	NA	NM_053151_6_-1
Klra18	-2.704	0.019	-1.310	-4.409	-3.579	-3.038	-3.093	-3.706	-4.981	-4.981	93970	NA	NM_053153_6_-1
Klra19	-4.981	-1.859	-4.140	-4.967	-4.837	-3.881	-4.973	-3.436	-4.981	-4.981	93971	NA	NM_053154_6_-1
Clmn	-4.981	-3.482	-4.709	-4.293	-3.829	-2.601	-3.723	-2.229	-3.423	1.518	94040	CLMN	NM_053155_12_-1
Tm2d1	7.021	7.023	6.234	6.073	6.068	6.075	6.045	5.684	5.259	5.445	94043	TM2D1	NM_053157_4_-1
Mrpl1	4.843	4.735	3.967	4.105	4.099	3.929	4.466	4.297	4.265	4.319	94061	MRPL1	NM_053158_5_+1
Mrpl3	5.978	6.075	5.717	5.776	5.560	5.527	5.233	5.421	4.959	4.717	94062	MRPL3	NM_053159_9_+1
Mrpl27	6.538	6.285	5.660	5.646	5.133	5.228	5.563	5.570	4.852	4.814	94064	MRPL27	NM_053161_11_+1
Mrpl34	5.937	5.734	5.359	5.309	4.830	5.020	5.486	5.439	4.590	4.658	94065	MRPL34	NM_053162_8_+1
Mrpl36	7.104	6.755	6.403	6.240	6.027	6.014	6.218	6.302	5.859	5.631	94066	MRPL36	NM_053163_13_+1
Mrpl43	6.595	6.587	6.404	6.281	6.049	6.099	6.211	6.096	5.914	5.682	94067	MRPL43	NM_053164_19_-1
Trim7	0.946	0.105	2.929	2.831	2.837	2.877	2.089	1.831	-1.629	-0.597	94089	TRIM7	NM_053166_11_+1
Trim11	5.959	5.334	5.157	4.430	5.483	4.827	5.422	4.403	5.488	4.483	94091	TRIM11	NM_053168_11_+1
Trim16	-0.993	0.981	0.200	0.428	-1.455	-1.652	2.235	2.124	4.911	4.687	94092	TRIM16	NM_053169_11_+1
Trim33	2.653	4.065	3.507	2.884	3.079	3.432	3.541	3.385	2.747	3.812	94093	TRIM33	NM_053170_3_+1
Kifc5b	-1.799	-1.952	-1.087	-2.210	-0.183	-1.570	-1.386	-3.640	-4.165	-3.981	16580	KIFC1	NM_053173_17_+1
Mcoln1	5.742	5.639	4.702	4.718	5.103	5.232	5.103	5.214	5.306	5.228	94178	MCOLN1	NM_053177_8_+1
Acsbg1	-4.981	-4.981	-2.918	-4.830	-0.439	1.318	-0.953	-1.080	-3.531	-4.981	94180	ACSBG1	NM_053178_9_-1
Nans	6.272	6.058	5.524	5.847	5.387	5.444	5.171	5.501	4.914	5.097	94181	NANS	NM_053179_4_+1
Cdk20	4.566	3.414	0.309	-0.079	0.458	0.427	0.799	0.425	2.178	2.612	105278	CDK20	NM_053180_13_+1
Pdxdc1	-0.863	0.421	2.388	2.046	1.447	1.312	1.854	1.855	3.560	3.132	94184	PDXDC1	NM_053181_16_-1
Pag1	1.767	1.288	0.261	-0.387	0.961	1.406	1.290	1.396	2.785	2.978	94212	PAG1	NM_053182_3_-1
Ddx50	5.662	5.710	5.945	6.017	5.597	5.660	5.493	5.550	5.449	5.541	94213	DDX50	NM_053183_10_-1
Cnrm3	3.277	3.696	3.835	3.646	3.312	3.192	3.582	3.840	5.015	4.853	94218	CNNM3	NM_053186_1_+1
Gopc	4.002	4.201	4.645	4.667	4.616	4.486	4.674	4.359	4.783	5.293	94221	GOPC	NM_053187_10_-1
S1pr5	-3.189	-4.981	-1.105	-2.135	-4.872	-1.388	5.615	4.748	6.640	5.716	94226	S1PR5	NM_053190_9_-1
Pi15	-4.981	-3.267	-3.632	-4.367	-4.249	-4.970	-4.518	-4.792	-4.190	-4.227	94227	PI15	NM_053191_1_+1
Cpsf1	4.241	4.513	5.381	5.737	5.578	5.587	5.510	5.740	6.261	6.192	94230	CPSF1	NM_053193_15_-1
Ric8a	6.253	6.204	6.362	6.206	6.373	6.507	6.292	6.539	7.066	6.950	101489	RIC8A	NM_053194_7_+1
Slc24a3	-4.981	-4.981	-4.960	-4.960	-4.364	-4.573	-2.016	-3.340	-1.008	-3.209	94249	SLC24A3	NM_053195_2_+1
Sfxn2	4.599	4.649	4.990	4.449	5.089	4.614	4.680	3.986	4.239	2.626	94279	SFXN2	NM_053196_19_+1
Sfxn3	5.439	5.666	5.407	5.718	4.500	4.780	5.502	6.282	6.703	6.740	94280	SFXN3	NM_053197_19_+1
Sfxn4	3.460	3.538	0.711	-0.039	1.470	1.582	1.047	0.140	-0.765	-0.913	94281	SFXN4	NM_053198_19_-1
Cadm3	-4.981	-2.681	0.900	-1.175	4.125	2.459	3.461	1.994	-2.194	-2.982	94332	CADM3	NM_053199_1_-1
Magee1	2.534	2.403	1.244	1.275	2.979	2.785	2.441	2.065	2.629	2.908	107528	MAGEE1	NM_053201_X_+1
Foxp1	5.579	5.314	4.579	4.389	5.532	5.352	5.805	5.583	6.191	6.051	108655	NA	NM_053202_6_-1
Erc1	3.012	1.464	2.141	3.353	-1.913	0.852	-2.218	1.818	-1.312	2.401	111173	ERC1	NM_053204_6_-1
Magee2	2.524	2.728	-1.214	-1.460	-1.707	-3.612	-3.011	-3.074	-4.190	-3.210	272790	MAGEE2	NM_053206_X_-1
Egln1	4.829	4.760	4.689	4.450	4.566	4.339	4.731	4.389	5.522	5.371	112405	EGLN1	NM_053207_8_-1
Egln2	4.442	4.370	4.165	4.229	4.003	4.175	4.612	4.655	5.086	5.014	112406	EGLN2	NM_053208_7_-1
Myo1f	4.916	5.448	7.801	7.878	8.583	8.643	8.653	8.770	10.109	10.358	17916	MYO1F	NM_053214_17_+1
1700102P08Rik	-2.505	-1.306	-1.949	-1.864	-3.133	-2.554	-1.795	-1.600	-2.095	-1.382	112418	C3orf62	NM_053216_9_+1
Ifit1b12	-4.981	-4.981	-4.151	-4.596	-0.575	-2.208	-1.313	-2.526	-1.111	-3.614	112419	IFIT1	NM_053217_19_-1
Kiss1r	0.763	0.833	-1.385	-3.203	-2.034	-2.127	-0.842	-2.198	-1.577	-2.797	114229	KISS1R	NM_053244_10_+1
Aipl1	-0.260	-2.137	-2.180	-1.722	-1.514	-2.150	-2.923	-3.842	-1.670	-2.140	114230	AIP1L1	NM_053245_11_-1
Dok4	1.551	1.650	-0.073	-0.400	0.640	-0.607	-0.049	-0.035	0.024	1.073	114255	DOK4	NM_053246_8_-1
Lyve1	0.752	-3.315	-2.746	-2.914	-4.939	-4.235	-4.957	-3.880	-3.750	-4.981	114332	LYVE1	NM_053247_7_-1
Slc5a5	-4.981	-4.981	-3.289	-4.958	-1.233	-0.140	-0.408	-0.493	-0.125	-0.217	114479	SLC5A5	NM_053248_8_-1
Ehbp111	1.468	2.291	4.187	4.168	3.286	3.111	4.070	3.717	5.588	4.942	114601	NA	NM_053252_19_-1
Zmynd10	-0.267	-1.618	-3.068	-0.679	-3.989	-4.682	-4.971	-4.154	-3.531	-2.747	114602	ZMYND10	NM_053253_9_+1
Tle6	0.248	-0.922	-3.273	-2.338	-1.010	-1.003	0.973	1.082	0.167	0.379	114606	TLE6	NM_053254_10_-1
Elac1	4.106	4.775	4.627	4.436	4.948	5.181	4.620	4.491	5.282	5.220	114615	ELAC1	NM_053255_18_-1
Rpl31	9.947	9.904	8.420	8.374	8.021	8.029	8.338	8.278	7.342	7.196	114641	RPL31	NM_053257_1_+1
Prss29	0.008	0.467	-4.262	-0.612	-3.441	-0.700	-4.212	0.871	-4.981	-2.309	114662	NA	NM_053260_17_+1
Impa2	3.863	2.816	4.330	4.332	3.680	3.418	3.930	3.867	4.087	3.805	114663	IMPA2	NM_053261_18_+1
Hsd17b11	5.472	5.505	5.500	5.550	4.431	4.707	5.490	5.138	4.678	4.891	114664	HSD17B11	NM_053262_5_-1
Hnrnpa3	6.482	6.631	6.100	6.017	6.419	5.849	6.456	5.744	5.436	5.204	229279	NA	NM_053263_2_+1
4930444G20Rik	-4.981	-4.981	-4.804	-4.948	-4.972	-4.835	-4.830	-4.970	-4.981	-4.342	114671	NA	NM_053264_10_-1
Gtf2ird2	4.102	4.491	2.470	2.176	2.699	2.609	2.699	2.407	2.434	2.217	114674	NA	NM_053266_5_+1
Selm	2.606	2.587	1.457	1.544	1.644	2.592	3.321	3.177	2.510	2.345	114679	SELENOM	NM_053267_11_+1
Rasa2	3.735	3.897	4.753	4.855	4.561	4.695	4.228	4.008	3.410	3.612	114713	RASA2	NM_053268_9_-1
Rad51c	0.122	1.692	-0.349	0.872	1.493	0.924	0.734	0.758	-0.753	0.011	114714	RAD51C	NM_053269_11_-1
Dhcr24	4.634	4.219	1.935	1.573	0.991	1.770	2.199	2.498	1.034	2.771	74754	DHCR24	NM_053272_4_+1
Ttyh2	0.002	-1.029	2.273	2.460	2.407	2.892	1.717	1.535	-0.010	0.388	117160	TTYH2	NM_053273_11_+1
Foxp3	-1.685	-3.743	-4.259	-2.672	-4.565	-2.781	-3.894	-4.672	-4.474	-4.702	20371	FOXP3	NM_054039_X_+1
Tulp4	2.706	2.999	3.303	3.480	3.616	3.845	3.139	2.925	2.608	3.151	68842	TULP4	NM_054040_17_+1
Antxr1	-4.981	-4.981	-2.349	-4.169	-0.870	-1.496	-0.532	-1.932	-4.981	-4.981	69538	ANTXR1	NM_054041_6_-1
Cd248	-4.981	-1.842	-4.926	-3.239	-4.280	-3.883	-4.978	-4.216	-4.394	-4.981	70445	CD248	NM_054042_19_+1
Msi2	3.537	3.424	3.648	3.002	3.399	2.598	2.829	2.519	1.139	0.798	76626	MSI2	NM_054043_11_-1
Adgra2	-1.507	-1.351	3.657	3.179	4.221	4.492	3.191	2.397	0.137	-1.604	78560	ADGRA2	NM_054044_8_+1
Hist2h3c2	-3.353	-1.963	-1.456	-2.144	-2.524	-2.044	-1.504	-2.629	-3.453	-2.048	97114	HIST1H3G	NM_054045_3_-1
Hist2h3c2	-3.353	-1.963	-1.824	-1.685	-2.526	-3.371	-1.504	-2.629	-3.453	-2.048	97114	HIST1H3G	NM_054045_dup1_3_+1
Def8	3.422	2.563	3.882	3.965	2.992	3.203	3.288	3.258	4.798	3.847	23854	DEF8	NM_054046_8_+1

Rcor2	-1.378	-0.684	-2.297	-3.020	-3.372	-4.686	-2.876	-4.270	-4.981	-2.696	104383	RCOR2	NM_054048_19_+1
Rapgef1	5.509	5.287	5.154	5.239	6.513	6.424	5.729	5.205	5.176	5.417	107746	RAPGEF1	NM_054050_2_+1
Pip4k2b	2.255	2.029	2.178	1.845	2.882	2.647	2.498	1.576	1.661	1.631	108083	PIP4K2B	NM_054051_11_-1
B3gnt5	-0.040	-1.027	2.607	3.138	-1.827	0.000	0.014	0.871	0.741	0.583	108105	B3GNT5	NM_054052_16_+1
Adgrv1	-1.307	-4.981	-3.915	-2.437	-2.861	-3.276	-0.697	-1.013	-0.840	-1.786	110789	ADGRV1	NM_054053_13_-1
Brdt	-0.006	-0.125	-1.832	-1.744	-4.288	-4.151	-2.342	-2.723	-1.162	-1.934	114642	BRDT	NM_054054_5_+1
Slc13a3	-4.981	-4.981	-2.385	-4.154	-2.062	-3.705	1.663	1.009	0.855	0.703	114644	SLC13A3	NM_054055_2_-1
Pawr	-4.981	-4.981	-4.982	-1.210	-4.096	-0.326	-4.289	0.148	-4.394	-1.543	114774	PAWR	NM_054056_10_+1
Prosc	4.986	5.165	6.373	6.542	6.040	6.132	5.999	6.048	5.471	5.565	114863	PROSC	NM_054057_8_+1
Psg28	-4.981	-4.981	-4.465	-4.781	-4.832	-4.953	-4.976	-4.872	-4.981	-4.981	114871	NA	NM_054063_7_-1
Psg29	-4.981	-4.981	-4.774	-4.946	-4.957	-4.936	-4.802	-4.890	-4.981	-4.316	114872	NA	NM_054064_7_+1
Vsx1	-4.981	-2.336	-4.941	-0.219	-4.027	7.557	-2.326	4.064	-4.981	-1.843	114889	VSX1	NM_054068_2_-1
Afg3l1	5.068	5.056	5.963	6.089	5.259	5.337	5.128	5.474	5.559	5.608	114896	NA	NM_054070_8_+1
Fgfrl1	-4.653	-0.994	-0.417	-1.218	-0.117	-1.373	-0.894	-1.664	0.663	-1.308	116701	FGFRL1	NM_054071_5_+1
Tsga13	-4.981	-2.681	-1.736	-3.007	-4.800	-2.876	-4.460	-2.632	-4.981	-4.981	116732	TSGA13	NM_054073_6_-1
Baz2a	5.546	5.502	6.144	5.837	6.552	6.693	5.802	5.559	5.802	5.621	116848	BAZ2A	NM_054078_10_+1
Mta1	2.235	2.634	3.176	2.967	3.137	2.637	3.060	2.919	3.572	3.583	116870	MTA1	NM_054081_12_+1
Mta3	5.036	4.556	4.443	4.416	5.052	4.885	4.581	4.061	4.733	4.212	116871	MTA3	NM_054082_17_+1
Calcb	-0.118	-0.892	-4.478	-4.987	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	116903	NA	NM_054084_7_+1
Alpk3	-2.948	-4.981	-4.956	-3.684	-4.718	-3.837	-4.973	-4.414	-3.043	-4.227	116904	ALPK3	NM_054085_7_+1
Slc19a2	0.946	2.019	2.758	1.946	0.517	0.218	1.857	1.035	2.644	2.257	116914	SLC19A2	NM_054087_1_+1
Pnpla3	-4.981	-4.981	-4.552	-4.948	-4.255	-4.828	-2.628	-3.573	-1.839	-4.981	116939	PNPLA3	NM_054088_15_+1
Tgs1	5.615	5.827	5.879	5.633	6.458	6.498	6.547	6.138	5.589	5.793	116940	TGS1	NM_054089_4_+1
Ube3b	4.523	4.159	5.538	5.472	5.545	5.450	5.448	5.666	6.399	6.314	117146	UBE3B	NM_054093_5_+1
Necab2	-4.981	-4.981	-4.953	-4.333	-4.066	-3.774	-4.977	-4.971	-4.981	-4.981	117148	NECAB2	NM_054095_8_+1
Tirap	-1.574	0.772	3.053	2.001	0.449	0.013	3.055	2.409	3.864	3.680	117149	TIRAP	NM_054096_9_-1
Pip4k2c	3.509	3.549	3.745	3.935	3.849	3.926	3.675	3.696	4.359	4.234	117150	PIP4K2C	NM_054097_10_-1
Steap4	-4.981	-4.981	-4.964	-3.701	-4.880	-1.696	-3.724	-1.135	-4.981	-4.981	117167	STEAP4	NM_054098_5_+1
1110038F14Rik	5.852	5.722	5.196	5.248	5.374	5.494	5.227	5.117	4.475	4.345	117171	C8orf33	NM_054099_15_+1
Ivns1abp	8.532	7.306	9.043	8.985	8.522	8.844	7.851	8.193	7.065	7.381	117198	IVNS1ABP	NM_054102_1_+1
Bag6	3.928	3.622	4.293	4.190	4.253	4.088	4.085	4.117	4.448	4.282	224727	BAG6	NM_057171_17_+1
Fubp1	5.912	6.086	6.178	6.307	6.488	6.559	6.168	6.013	4.525	4.825	51886	FUBP1	NM_057172_3_+1
Lmo1	-4.981	-4.981	-4.938	-4.678	-4.981	-4.981	-4.645	-4.959	-3.456	-4.981	109594	LMO1	NM_057173_7_-1
Dpf3	-4.981	-4.981	-4.938	-4.523	-4.979	-4.630	-4.720	-4.977	-2.405	-2.896	70127	DPF3	NM_058212_12_-1
Recql4	-1.544	-4.981	0.312	-0.559	0.630	0.096	-0.177	-0.084	0.442	-1.042	79456	RECQL4	NM_058214_15_-1
Klf16	1.275	0.897	1.584	1.149	1.607	1.569	1.997	1.488	1.802	1.888	118445	NA	NM_078477_10_-1
Ghitm	8.815	8.719	8.167	8.323	8.319	8.462	8.058	8.304	7.770	7.962	66092	GHITM	NM_078478_14_-1
Mrps21	6.848	6.630	6.520	6.405	6.280	6.269	6.735	6.539	5.986	5.725	66292	MRPS21	NM_078479_3_-1
Slc35a2	3.327	3.739	2.700	2.453	2.353	2.411	1.359	1.577	1.150	1.304	22232	NA	NM_078484_X_+1
Btnl2	-2.278	-4.981	0.287	-0.872	-0.597	-2.509	-0.844	-1.452	-2.550	-1.786	547431	BTNL2	NM_079835_17_+1
Cttnbp2	-4.981	-4.981	-4.894	-0.186	-5.022	-2.554	-4.948	-2.472	-4.981	-2.976	30785	CTTNBP2	NM_080285_6_-1
Elmo2	5.036	5.024	6.324	6.120	6.995	6.986	7.440	7.519	8.773	8.712	140579	ELMO2	NM_080287_2_-1
Elmo1	4.851	5.262	6.978	7.127	8.276	8.287	7.657	7.466	7.038	7.171	140580	ELMO1	NM_080288_13_+1
Grhpr	5.921	5.477	3.426	3.426	2.949	3.081	2.594	3.384	2.630	2.621	76238	GRHPR	NM_080289_4_+1
Igsf8	5.926	5.269	4.146	6.045	3.676	5.746	5.187	6.680	5.439	7.097	140559	IGSF8	NM_080419_1_+1
Lpo	-2.739	-3.267	-2.978	-2.800	-3.289	-4.579	-2.912	-4.913	-4.981	-4.981	76113	LPO	NM_080420_11_-1
Fbxw7	1.112	0.952	-0.800	-2.101	-3.014	-4.913	-2.471	-4.885	-4.981	-4.957	50754	FBXW7	NM_080428_3_+1
Adcy4	-0.241	-4.981	4.064	2.708	-0.459	-1.114	1.743	0.957	0.548	-2.404	104110	ADCY4	NM_080435_14_-1
Rdh1	-1.760	-2.614	-3.403	-4.007	-4.625	-4.024	-3.902	-4.876	-2.809	-4.177	107605	RDH16	NM_080436_10_+1
Celsr3	-1.784	-4.981	-1.672	-2.187	-3.422	-3.927	-0.858	-0.577	3.661	3.172	107934	CELSR3	NM_080437_9_+1
Tssk3	-4.981	-4.981	-4.463	-4.909	-3.124	-4.864	-4.717	-4.949	-4.981	-4.981	58864	TSSK3	NM_080442_4_-1
Asb7	1.554	1.979	1.512	0.937	1.495	1.448	2.108	-0.001	2.208	2.410	117589	ASB7	NM_080443_7_-1
B3galt6	3.395	3.322	3.390	3.333	3.213	3.227	2.874	2.717	2.237	2.351	117592	B3GALT6	NM_080445_4_-1
Helb	2.761	2.942	2.791	3.121	3.207	3.215	3.890	3.615	4.222	3.975	117599	HELB	NM_080446_10_-1
Srgap3	6.108	5.883	4.833	4.903	3.997	4.264	3.446	3.450	0.551	0.793	259302	SRGAP3	NM_080448_6_-1
Gjc3	-4.981	-2.914	-3.305	-4.182	-4.136	-4.545	-4.109	-4.830	-4.117	-4.193	118446	GJC3	NM_080450_5_-1
Synpo2	-0.567	-1.075	3.230	3.349	0.883	2.805	1.301	0.056	-2.957	-4.981	118449	SYNPO2	NM_080451_3_-1
Mrps2	4.798	4.747	4.819	4.884	4.810	4.683	4.865	4.813	4.714	4.591	118451	MRPS2	NM_080452_2_+1
Mmp28	-4.406	-4.981	2.196	1.735	-4.652	-4.796	-2.762	-4.487	-0.218	-1.990	118453	MMP28	NM_080453_11_-1
Mrps6	6.317	6.318	4.754	4.779	5.047	4.840	4.634	4.360	2.199	2.741	121022	MRPS6	NM_080456_16_+1
Zfp358	3.619	3.555	2.949	2.760	2.676	2.528	2.726	3.106	3.759	3.693	140482	ZNF358	NM_080461_8_+1
Hnmt	-4.981	-2.997	-2.945	-2.063	-1.780	-0.681	1.116	1.379	2.762	3.942	140483	HNMT	NM_080462_2_-1
Pofut1	3.623	3.404	3.617	4.471	3.585	3.976	3.888	4.047	4.293	4.657	140484	POFUT1	NM_080463_2_+1
Kcnn3	-4.981	-4.981	-4.981	-4.981	-4.832	-4.575	-4.956	-4.939	-4.981	-4.981	140493	KCNN3	NM_080466_3_+1
Eri3	3.093	3.239	1.963	1.942	1.944	2.209	1.901	2.211	2.815	2.255	140546	ERI3	NM_080469_4_+1
Smc1b	-2.739	-0.499	-0.847	-1.921	-2.156	-2.547	-1.952	-1.533	-2.736	-1.305	140557	SMC1B	NM_080470_15_-1
Ankrd6	-4.981	-4.981	-4.663	-4.690	-4.646	-4.881	-4.844	-4.963	-4.832	-4.500	140577	ANKRD6	NM_080471_4_-1
Trim69	-1.835	-4.981	-1.686	-4.330	-4.785	-4.933	-2.734	-4.827	-3.189	-3.510	70928	TRIM69	NM_080510_2_+1
Itp3	4.394	4.159	3.329	3.544	5.082	4.919	4.226	3.965	1.953	1.768	16440	ITPR3	NM_080553_17_+1
Psmd5	5.840	6.120	5.708	5.828	5.786	5.923	5.618	5.835	5.372	5.519	66998	PSMD5	NM_080554_2_-1
Plpp3	1.913	-0.738	0.022	1.156	0.905	1.394	-0.259	2.420	-3.189	-0.771	67916	PLPP3	NM_080555_4_+1
Tm9sf2	7.805	7.719	9.010	8.756	7.837	7.630	7.795	7.779	7.757	8.227	68059	TM9SF2	NM_080556_14_+1
Snx4	6.767	6.769	6.446	6.538	6.118	6.270	6.197	6.368	6.541	6.607	69150	SNX4	NM_080557_16_+1
Ssfa2	5.596	5.866	5.483	5.331	5.068	5.129	5.169	4.746	5.264	5.809	70599	SSFA2	NM_080558_2_+1

Sh3bgrl3	10.541	9.507	11.062	9.562	10.921	9.450	10.982	9.516	9.950	8.798	73723	SH3BGRL3	NM_080559_4_-1
Ube2n	7.619	7.517	8.301	8.322	7.868	7.662	7.541	7.467	6.852	6.885	93765	UBE2N	NM_080560_10_+1
Rnf216	3.218	3.497	4.761	4.838	5.027	5.042	4.948	4.837	5.170	5.276	108086	RNF216	NM_080561_5_-1
Ubox5	-4.370	-4.314	-2.096	-0.580	-3.654	-4.896	-4.450	-4.886	-4.712	-4.811	140629	UBOX5	NM_080562_2_-1
Rnf144a	0.741	2.916	-0.968	-0.656	-0.246	1.701	1.982	3.785	4.414	5.391	108089	RNF144A	NM_080563_12_-1
Acss1	4.230	5.004	4.732	3.241	5.429	6.179	6.385	6.300	6.016	4.505	68738	ACSS1	NM_080575_2_-1
Emid1	4.636	4.784	-2.344	-0.678	-2.567	0.186	-0.062	1.984	-4.981	-2.161	140703	EMID1	NM_080595_11_-1
Aco2	6.392	6.455	6.767	6.920	6.695	6.841	6.522	6.811	6.972	7.062	11429	ACO2	NM_080633_15_+1
Hps3	4.870	4.521	7.140	7.174	6.994	7.245	6.873	6.828	7.505	7.660	12807	HPS3	NM_080634_3_-1
Eif3h	8.208	8.169	8.338	8.264	7.831	7.749	7.818	7.894	7.869	7.763	68135	EIF3H	NM_080635_15_-1
Hars2	4.232	4.281	4.538	4.689	4.386	4.672	4.410	4.673	4.900	4.883	70791	HARS2	NM_080636_18_+1
Mvp	6.026	5.994	7.058	7.286	7.132	7.104	7.160	7.008	7.361	7.386	78388	MVP	NM_080638_7_-1
Caskin2	-1.157	-1.789	2.275	2.163	1.623	0.114	1.395	-0.534	0.337	-1.303	140721	CASKIN2	NM_080643_11_-1
Bmp2k	5.850	5.274	6.318	5.535	6.506	5.875	5.747	4.949	5.039	4.732	140780	BMP2K	NM_080708_5_+1
Rem2	-0.951	-2.133	-3.106	-2.711	-1.150	-1.513	-1.730	-3.758	-3.738	-4.981	140743	REM2	NM_080726_14_+1
Tmprs3	-4.981	-4.981	-4.855	-3.600	-4.923	-1.219	-4.528	-3.038	-4.981	-4.981	140765	TMPRSS3	NM_080727_17_-1
Myh7	-4.981	-3.408	-3.673	-4.947	-4.349	-4.887	-2.469	-4.946	-4.981	-4.981	140781	MYH7	NM_080728_14_-1
Ttbk2	1.944	1.766	0.976	1.051	-0.247	1.166	0.573	1.014	-3.182	1.956	140810	TTBK2	NM_080788_2_-1
Setd7	4.603	4.639	4.064	3.834	3.819	3.842	3.655	3.070	2.837	2.805	73251	SETD7	NM_080793_3_-1
Lnx2	2.634	3.036	3.959	3.837	3.510	3.187	2.774	2.673	2.254	2.204	140887	LNX2	NM_080795_5_-1
Mydgf	7.088	6.933	5.834	5.887	5.523	5.479	5.721	5.896	5.392	5.481	28106	MYDGF	NM_080837_17_-1
Socs4	3.941	3.923	3.787	3.540	3.695	3.733	3.432	3.422	3.235	3.004	67296	SOCS4	NM_080843_14_+1
Serpinc1	4.507	2.774	1.097	1.748	1.374	0.220	-1.320	-3.016	-3.471	-1.920	11905	SERPINC1	NM_080844_1_+1
Wdr5	4.232	4.179	4.497	4.685	4.437	4.538	4.558	4.817	5.128	4.704	140858	WDR5	NM_080848_2_+1
Nek8	2.426	2.845	2.432	2.695	2.734	2.799	1.811	2.321	1.481	1.810	140859	NEK8	NM_080849_11_-1
Pask	-4.981	-2.616	0.358	0.614	1.415	0.293	0.298	0.432	0.076	-1.173	269224	PASK	NM_080850_1_-1
Slc34a3	-4.981	-4.981	-4.981	-4.981	-4.938	-1.046	-4.953	-4.198	-4.981	-4.981	142681	SLC34A3	NM_080854_2_-1
Zcchc14	-1.241	-1.991	-0.544	-1.813	-3.110	-3.683	-2.052	-1.318	-2.549	-1.063	142682	ZCCHC14	NM_080855_8_-1
Asb14	-3.090	-2.883	-4.584	-4.402	-4.581	-4.874	-4.428	-4.585	-3.750	-4.048	142687	ASB14	NM_080856_14_+1
Vps4a	5.704	5.963	5.598	5.565	5.532	5.618	5.590	5.707	5.893	5.932	116733	VPS4A	NM_126165_8_+1
Tlr3	-0.603	-4.981	7.694	7.759	2.333	2.479	2.783	4.631	1.392	1.736	142980	TLR3	NM_126166_8_-1
Dusp16	1.305	-4.981	2.795	0.881	3.121	3.003	3.973	2.089	2.770	1.738	70686	DUSP16	NM_130447_6_-1
Pcdh18	-4.981	-4.981	-4.953	-4.358	-4.795	-4.972	-4.981	-4.981	-2.839	-4.981	73173	PCDH18	NM_130448_3_-1
Colec12	-2.730	-1.739	-1.947	-1.131	-2.122	0.031	0.420	4.895	3.133	7.869	140792	COLEC12	NM_130449_18_+1
Elov16	4.681	5.137	3.007	2.909	1.086	0.545	2.405	2.704	3.073	3.208	170439	ELOVL6	NM_130450_3_+1
Slc2a10	-4.981	-4.981	-4.941	-4.941	-2.561	-1.979	-3.334	-4.458	-1.973	-1.408	170441	SLC2A10	NM_130451_2_+1
Recql5	4.575	4.277	3.685	3.747	4.305	4.320	3.906	3.734	4.430	4.233	170472	RECQL5	NM_130454_11_-1
Grin3b	-1.047	0.335	-3.627	-4.302	-2.103	-3.470	-0.970	-1.374	-2.122	-0.860	170483	GRIN3B	NM_130455_10_+1
Nphs2	-4.981	-0.945	-4.928	-2.698	-4.546	0.591	-4.979	-2.940	-4.981	-2.993	170484	NPHS2	NM_130456_1_+1
Snx18	7.457	7.854	4.688	4.563	3.647	3.324	5.334	5.678	6.637	7.057	170625	SNX18	NM_130796_13_-1
Nxph3	-4.981	-4.981	-3.602	-4.954	-4.705	-4.968	-4.596	-4.971	-4.981	-4.981	104079	NXPH3	NM_130858_11_-1
Card10	-2.362	-1.063	3.255	2.495	1.685	0.959	2.033	1.536	3.043	1.978	105844	CARD10	NM_130859_15_-1
Cdk9	7.422	7.563	7.373	7.420	7.600	7.665	7.547	7.539	7.859	7.697	107951	CDK9	NM_130860_2_-1
Baiap2	1.090	2.233	2.275	2.040	1.731	2.767	1.075	0.595	-0.160	-0.177	108100	BAIAP2	NM_130862_11_+1
Adrbk1	-0.420	-2.805	-1.334	-0.038	0.600	0.137	-1.272	-0.261	1.083	0.823	110355	NA	NM_130863_19_-1
Acaa1a	7.226	7.128	6.997	6.968	7.032	7.183	6.953	7.040	7.466	7.244	113868	ACAA1	NM_130864_9_+1
Kirrel	-4.981	-4.981	-4.950	-4.163	-4.944	-4.944	-4.971	-4.946	-4.981	-4.981	170643	KIRREL	NM_130867_3_-1
Cdhr1	0.716	-4.981	-1.759	-2.196	1.090	2.527	-2.149	-0.538	-4.981	-2.598	170677	CDHR1	NM_130878_14_-1
Usp48	4.997	5.180	5.664	5.517	6.416	6.511	5.986	5.525	5.444	5.684	170707	USP48	NM_130879_4_+1
Pabpc4	2.482	2.698	1.762	2.897	2.239	2.428	2.286	2.426	1.586	1.918	230721	PABPC4	NM_130881_4_+1
Cyp4f3	5.621	6.136	4.224	4.362	5.130	5.459	5.134	5.151	4.736	5.057	170716	CYP4F3	NM_130882_17_-1
Idh3b	6.839	6.796	6.677	6.715	6.873	6.872	6.747	6.874	6.544	6.552	170718	IDH3B	NM_130884_2_-1
Oxr1	2.007	1.295	-2.529	-1.348	-0.083	0.089	-1.483	0.507	2.072	3.102	170719	OXR1	NM_130885_15_+1
Card14	-3.683	-2.754	-2.105	-1.253	-4.979	-4.955	-4.682	-4.953	-4.981	-4.981	170720	CARD14	NM_130886_11_+1
Nxf7	-4.981	-4.981	-4.835	-4.876	-4.947	-3.785	-4.936	-4.958	-4.981	-1.906	170722	NA	NM_130888_X_-1
Anp32b	7.077	7.070	7.264	7.415	7.679	7.684	7.268	7.374	6.411	6.315	67628	NA	NM_130889_4_+1
Rtn4ip1	3.616	3.809	3.713	3.807	3.913	3.988	3.490	3.772	3.872	3.747	170728	RTN4IP1	NM_130892_10_+1
Adarb1	-3.903	-2.549	-4.055	-2.001	-2.719	-2.446	-2.649	-3.075	-3.358	-1.707	110532	ADARB1	NM_130895_10_-1
Cd209c	4.940	5.424	1.640	1.185	1.651	1.724	3.403	4.012	0.729	1.486	170776	NA	NM_130903_8_-1
Cd209d	10.426	11.638	5.469	5.351	0.174	2.327	3.765	5.637	1.250	0.158	170779	NA	NM_130904_8_-1
Cd209e	3.896	3.593	3.817	3.858	-1.616	-0.435	0.757	3.305	-0.770	-3.011	170780	CD209	NM_130905_8_-1
Parvb	-1.894	-4.981	-1.963	-0.004	-1.704	-0.419	0.855	1.520	2.152	2.219	170736	PARVB	NM_133167_15_+1
Prmt2	3.137	3.869	2.134	3.384	2.421	2.644	0.846	2.733	0.511	2.410	15468	PRMT2	NM_133182_10_-1
Cacng6	-2.948	-0.614	-3.674	-3.812	-4.862	-4.965	-4.716	-4.795	-4.981	-4.981	54378	CACNG6	NM_133183_7_+1
Rogdi	8.994	8.520	8.372	8.765	10.251	10.292	9.327	8.756	6.175	6.033	66049	ROGDI	NM_133185_16_-1
Steap3	-3.843	-4.981	-1.791	0.342	-2.189	0.272	-0.743	1.909	3.292	3.842	68428	STEAP3	NM_133186_1_-1
Fam198b	0.913	0.709	-1.499	-1.073	0.448	-0.700	-0.115	-0.442	-0.372	-0.102	68659	FAM198B	NM_133187_3_+1
Dazap1	4.640	4.158	4.460	4.438	4.458	4.253	4.286	4.008	4.118	3.826	70248	NA	NM_133188_10_+1
Cacng8	-4.981	-4.981	-2.240	-2.187	-1.025	-1.976	-4.327	-4.581	-4.981	-4.981	81905	CACNG8	NM_133190_7_+1
Eps8l2	1.407	1.231	0.248	0.933	2.096	1.449	-0.680	-3.687	-4.981	-4.981	98845	EPS8L2	NM_133191_7_+1
Il1rl2	1.631	1.427	-1.697	0.470	-3.744	-1.773	-1.517	0.974	0.236	0.863	107527	IL1RL2	NM_133193_1_+1
Celf4	-0.738	-3.116	-1.135	-2.276	-0.924	-3.860	-1.502	1.478	-3.414	0.558	108013	CELF4	NM_133195_18_-1
Cstf2	4.613	4.438	5.252	5.208	3.747	3.608	4.122	4.256	3.759	3.984	108062	CSTF2	NM_133196_X_+1
Pygl	1.560	-0.807	3.018	3.645	6.313	6.074	6.244	5.849	8.793	8.198	110095	PYGL	NM_133198_12_-1

Scn4a	-3.668	-4.981	-4.792	-4.962	-2.841	-2.581	-1.344	-0.311	-4.190	-3.797	110880	SCN4A	NM_133199_11_-1
P2ry14	3.197	2.810	3.676	3.481	-4.937	-3.712	0.241	1.256	0.140	1.105	140795	P2RY14	NM_133200_3_-1
Mfn2	2.569	2.106	3.557	2.976	3.822	3.616	3.320	3.485	4.562	4.020	170731	MFN2	NM_133201_4_-1
Klra17	9.506	10.119	4.435	5.269	2.835	7.196	3.752	7.164	0.475	3.724	170733	NA	NM_133203_6_-1
Znrf1	4.590	4.386	3.472	3.312	4.722	4.558	4.190	3.942	5.511	5.293	170737	ZNRF1	NM_133206_8_+1
Zfp287	1.420	1.159	2.308	2.042	1.988	1.806	1.784	1.675	0.865	1.941	170740	ZNF287	NM_133208_11_-1
Pilrb1	3.275	1.459	1.650	1.838	4.108	4.754	5.752	6.339	6.010	6.347	170741	PILRB	NM_133209_5_-1
Sertad3	5.837	5.705	3.240	3.465	3.732	3.571	3.892	3.941	4.794	4.510	170742	SERTAD3	NM_133210_7_+1
Tlr7	6.516	6.423	0.820	1.225	5.074	5.427	4.907	5.474	7.082	7.421	170743	TLR7	NM_133211_X_-1
Tlr8	-2.075	-4.981	-1.781	-3.115	-0.724	-2.267	3.384	4.031	5.726	6.476	170744	TLR8	NM_133212_X_-1
Xpnp2	-4.981	-2.097	-3.950	-3.518	-3.515	-3.503	-3.690	-4.025	-4.190	-3.461	170745	XPNPEP2	NM_133213_X_+1
Smco4	0.571	0.534	1.577	1.613	-0.170	0.582	-0.248	0.143	-0.422	0.052	170748	NA	NM_133214_9_+1
Mtmr4	3.549	3.737	7.409	7.392	6.205	6.285	5.737	5.660	5.124	5.376	170749	MTMR4	NM_133215_11_+1
Xpnp1	5.087	5.110	5.661	5.996	6.091	6.146	5.762	6.017	6.154	6.324	170750	XPNPEP1	NM_133216_19_-1
Bco2	0.485	-0.652	3.021	1.906	2.510	1.015	2.678	1.536	2.120	1.015	170752	BCO2	NM_133217_9_-1
Zfp704	0.910	1.465	0.977	1.412	1.100	0.342	2.315	1.899	2.569	2.984	170753	ZNF704	NM_133218_3_-1
Gcnt2	2.364	-0.454	4.376	2.391	5.728	5.214	6.004	4.941	6.764	6.720	14538	GCNT2	NM_133219_13_+1
Sgk3	5.758	4.959	6.753	5.412	6.755	5.672	7.029	6.142	7.602	6.210	170755	C8orf44-SGK3 SGK	NM_133220_1_+1
Slc8b1	3.854	4.103	7.782	7.650	4.091	4.037	4.504	5.225	6.538	6.225	170756	SLC8B1	NM_133221_5_+1
Adgrl4	1.110	-0.065	-3.865	-3.100	-4.721	-2.617	-3.198	0.083	1.862	2.572	170757	ADGRL4	NM_133222_3_+1
Rac3	-0.898	-2.340	1.080	0.693	0.097	-0.526	-0.230	0.582	-0.044	0.094	170758	RAC3	NM_133223_11_+1
Atp13a1	5.141	4.933	5.733	5.671	5.718	5.628	5.497	5.893	6.679	6.580	170759	ATP13A1	NM_133224_8_+1
Acbd3	5.175	5.364	5.702	5.773	5.267	5.545	5.711	5.825	5.767	6.086	170760	ACBD3	NM_133225_1_+1
Pdzd3	-3.349	-4.981	-4.952	-4.205	-3.899	-4.300	-3.466	-4.447	-1.381	-1.226	170761	PDZD3	NM_133226_9_-1
Nup155	3.017	3.058	3.580	3.485	3.834	4.053	3.797	3.666	3.540	3.717	170762	NUP155	NM_133227_15_+1
Zfp87	3.619	3.416	4.101	3.820	4.094	4.220	4.194	4.159	4.501	4.538	170763	NA	NM_133228_13_-1
Ripply3	-3.668	-1.634	-0.493	-0.828	-2.254	-2.275	-2.382	-2.090	-1.787	-1.929	170765	RIPPLY3	NM_133229_16_+1
Rfxap	5.775	5.660	6.195	5.884	5.454	5.189	5.299	5.217	4.802	4.890	170767	RFXAP	NM_133231_3_-1
Pfkfb3	-1.226	-3.586	4.834	5.065	5.129	4.603	5.064	3.809	3.864	3.269	170768	PFKFB3	NM_133232_2_-1
Bbc3	2.959	2.805	3.433	3.382	3.377	3.323	3.657	3.865	4.975	4.784	170770	BBC3	NM_133234_7_+1
Glicc1	3.815	3.625	2.088	1.430	2.146	0.624	1.118	0.967	0.814	-1.322	170772	GLCC1	NM_133236_6_+1
Apcdd1	-2.013	-1.696	-3.767	-3.728	-4.554	-4.486	-3.298	-4.377	-0.739	0.908	494504	APCDD1	NM_133237_18_+1
Cd209a	10.350	11.113	6.225	6.119	7.718	8.487	9.489	9.882	6.262	4.168	170786	CLEC4M	NM_133238_8_-1
Acot8	4.798	4.936	4.583	4.927	4.551	4.497	4.378	4.341	4.504	4.696	170789	ACOT8	NM_133240_2_-1
Rbm39	7.760	8.144	7.641	7.744	8.070	8.136	7.953	7.820	7.491	7.817	170791	RBM39	NM_133242_2_-1
Ms4a3	-4.981	-4.981	-4.935	-1.921	-4.565	1.434	0.276	1.713	3.332	-4.342	170813	MS4A3	NM_133246_19_-1
Usp33	2.436	2.265	4.023	4.108	3.483	3.964	3.993	3.975	4.284	4.827	170822	USP33	NM_133247_3_+1
Glmn	3.207	3.607	2.532	2.647	1.982	2.746	2.261	2.460	1.135	1.933	170823	GLMN	NM_133248_5_-1
Ppargc1b	0.637	0.092	-1.009	-0.009	-2.880	-1.674	-0.252	1.226	1.958	2.042	170826	PPARGC1B	NM_133249_18_-1
Mutyh	2.617	2.437	1.238	1.124	2.109	1.797	1.429	0.673	0.482	-0.698	70603	MUTYH	NM_133250_4_+1
Slc5a2	-4.981	-4.981	-4.603	-4.256	-4.745	-3.917	-4.222	-4.264	-4.981	-4.098	246787	SLC5A2	NM_133254_7_+1
Hook2	1.079	1.203	2.173	1.713	2.174	1.783	1.833	1.656	1.916	2.001	170833	HOOK2	NM_133255_8_+1
Ing4	6.380	6.499	6.351	6.524	6.203	6.540	6.262	6.535	6.241	6.719	28019	ING4	NM_133345_6_+1
Asb6	4.382	4.566	4.673	4.691	4.676	4.708	4.407	4.668	5.162	4.982	72323	ASB6	NM_133346_2_-1
Dhx30	3.689	3.778	3.973	3.550	4.297	3.948	4.001	2.268	4.398	4.253	72831	DHX30	NM_133347_9_-1
Acot7	2.230	2.008	4.878	5.473	6.906	7.003	5.966	5.356	3.840	4.386	70025	ACOT7	NM_133348_4_+1
Zfand2a	1.751	2.369	2.012	1.884	2.301	1.903	2.316	2.640	2.875	3.031	100494	ZFAND2A	NM_133349_5_-1
Mapre3	0.388	0.806	0.485	1.447	0.564	1.107	-0.428	0.023	0.837	1.446	100732	MAPRE3	NM_133350_5_+1
Prss8	-2.118	-2.997	-4.733	-4.613	-4.395	-4.501	-4.393	-4.652	-2.865	-3.758	76560	PRSS8	NM_133351_7_-1
Tm9sf3	7.487	7.572	7.995	7.930	7.689	7.760	7.848	7.978	8.489	8.939	107358	TM9SF3	NM_133352_19_-1
Oosp1	-4.981	-4.981	-1.315	-2.237	-4.014	-2.460	-1.486	-0.828	-3.925	-4.981	170834	NA	NM_133353_19_-1
Sumo2	9.682	9.646	8.889	8.906	9.139	9.022	8.889	8.765	7.676	7.804	170930	SUMO2	NM_133354_11_-1
Zfp617	3.250	3.403	3.853	3.557	3.787	3.869	3.920	3.925	4.119	4.467	170938	ZNF617	NM_133358_8_+1
Acaca	3.205	3.287	3.760	3.654	3.444	3.381	3.587	3.474	3.352	3.442	107476	ACACA	NM_133360_11_+1
Erd1	5.038	4.586	2.353	4.048	2.745	4.994	2.128	4.637	2.608	2.950	170942	NA	NM_133362_Y_+1
Myoz3	-4.981	-1.578	-2.942	-3.529	-2.532	-4.342	-2.427	-3.751	-3.810	-4.981	170947	MYOZ3	NM_133363_18_-1
Prima1	-4.981	-4.981	-4.981	-4.841	-4.981	-4.981	-4.900	-4.701	-4.981	-4.981	170952	PRIMA1	NM_133364_12_-1
Dnah5	-4.981	-4.981	-4.981	-4.981	-4.967	-4.861	-4.967	-4.974	-4.981	-4.981	110082	DNAH5	NM_133365_15_+1
Nmnat1	2.706	3.245	2.561	2.922	2.551	2.902	1.807	1.935	1.384	1.892	66454	NMNAT1	NM_133365_4_-1
Ppp1r14c	-4.981	-3.408	-4.914	-4.738	-4.987	-4.294	-4.961	-4.047	-4.981	-3.853	76142	PPP1R14C	NM_133485_10_+1
Ntng2	-1.051	-2.533	-0.589	-1.137	-1.283	-1.272	-2.263	-1.964	-4.285	-1.425	171171	NTNG2	NM_133500_2_-1
Ntng2	-4.591	-4.555	0.486	-0.390	-0.206	-0.138	-1.259	-0.693	2.043	1.056	171171	NTNG2	NM_133501_2_-1
Rrbp1	5.065	4.565	3.926	3.918	3.532	3.728	4.265	3.997	3.530	3.306	81910	NA	NM_133626_2_-1
Rtkn	-4.981	-4.981	-4.918	-3.806	-4.981	-4.981	-4.968	-4.975	-4.981	-4.981	20166	RTKN	NM_133641_6_+1
Edaradd	-4.981	-0.710	-4.784	-1.321	-2.332	0.225	-0.552	2.134	-2.736	-1.591	171211	EDARADD	NM_133643_13_-1
Slc12a6	2.954	3.109	-0.075	1.386	1.175	-0.871	4.154	3.834	4.600	5.600	107723	SLC12A6	NM_133648_2_+1
Slc12a6	5.047	5.025	4.880	4.363	6.074	5.952	5.862	5.980	7.202	7.136	107723	SLC12A6	NM_133649_2_+1
Cd34	-2.388	-1.991	0.048	0.367	1.696	1.616	1.408	1.254	1.156	-0.558	12490	CD34	NM_133654_1_+1
Cd81	5.131	2.425	9.694	9.559	6.871	6.475	7.593	8.175	3.185	4.044	12520	CD81	NM_133655_7_+1
Crk	5.070	4.952	5.677	5.423	5.778	5.505	6.114	6.076	7.276	7.173	12928	CRK	NM_133656_11_+1
Erc3	3.901	4.047	4.294	4.425	4.261	4.321	4.143	3.972	4.164	4.210	13872	ERC3	NM_133658_18_+1
Erg	-4.649	-4.981	-4.934	-4.903	-4.875	-4.955	-4.883	-4.909	-4.730	-4.981	13876	ERG	NM_133659_16_-1
Slc6a12	-4.981	-4.981	1.498	1.185	5.051	4.881	3.113	1.288	1.128	-1.694	14411	SLC6A12	NM_133661_6_+1
Ier3	2.902	3.416	4.374	4.503	6.958	7.753	6.551	5.365	4.376	4.451	15937	IER3	NM_133662_17_+1

Itgb4	0.001	-1.267	-4.285	-3.408	-2.737	-4.642	-4.407	-3.723	-3.835	-4.981	192897	ITGB4	NM_133663_11_+_1
Lad1	-0.921	-0.724	4.572	5.470	4.914	4.464	2.340	2.420	-4.981	-0.346	16763	LAD1	NM_133664_1_+_1
Mef2d	3.807	3.909	3.774	3.664	3.881	3.599	3.801	3.942	5.137	4.744	17261	MEF2D	NM_133665_3_+_1
Ndufv1	6.891	6.896	6.179	6.205	6.245	6.380	6.322	6.565	6.410	6.288	17995	NDUFV1	NM_133666_19_-_1
Pdk2	3.518	3.896	2.756	2.804	2.823	3.026	3.153	3.327	4.221	4.212	18604	PDK2	NM_133667_11_-_1
Slc25a3	8.326	8.374	8.170	8.189	8.174	8.131	7.965	7.968	7.696	7.828	18674	SLC25A3	NM_133668_10_-_1
Rp2	6.060	6.404	7.310	7.358	7.184	7.348	7.122	7.052	6.766	7.735	19889	RP2	NM_133669_X_+_1
Sult1a1	1.230	-1.756	6.740	6.793	1.984	2.471	4.603	5.076	3.271	3.596	20887	NA	NM_133670_7_-_1
U2af2	4.419	4.365	4.720	5.082	5.384	5.371	4.964	4.764	4.780	4.923	22185	U2AF2	NM_133671_7_+_1
Vps26a	6.531	6.741	6.991	7.087	6.337	6.170	6.743	6.910	7.396	7.846	30930	VPS26A	NM_133672_10_-_1
Tor1b	4.927	5.383	5.821	5.978	4.881	5.166	4.956	5.122	5.651	5.589	30934	TOR1B	NM_133673_2_+_1
Arhgef5	1.628	-0.068	-2.010	-1.540	-2.105	-2.732	-3.540	-1.637	-4.981	-1.761	54324	ARHGEF5	NM_133674_6_+_1
Osgep	7.309	7.365	6.556	6.774	6.976	6.860	6.968	6.668	6.476	5.835	66246	OSGEP	NM_133676_14_-_1
Sac3d1	4.441	4.516	4.048	4.152	4.316	4.470	4.108	4.230	3.547	3.321	66406	SAC3D1	NM_133678_19_-_1
Cryz1	4.994	4.558	4.677	4.826	4.963	5.104	4.975	5.064	5.279	5.232	66609	CRYZ1	NM_133679_16_-_1
Mfsd14b	4.939	5.126	5.450	5.697	5.829	6.276	6.131	6.346	8.172	8.097	66631	MFSD14B	NM_133680_13_-_1
Tspan1	-4.981	-2.681	-4.831	-4.962	-4.400	-4.780	-2.728	-5.016	-4.981	-4.227	66805	TSPAN1	NM_133681_4_-_1
Tmem19	5.077	5.136	5.242	5.450	5.885	5.161	5.184	4.850	5.088	5.355	67226	TMEM19	NM_133683_10_-_1
Marc2	7.601	7.516	6.378	6.455	6.803	6.722	6.732	6.731	6.542	6.242	67247	MARC2	NM_133684_1_-_1
Rab31	1.155	0.800	5.274	5.629	4.833	4.675	6.098	6.445	8.600	8.717	106572	RAB31	NM_133685_17_-_1
Qprt	-0.348	0.061	-1.657	-2.367	-1.126	0.842	0.086	0.412	1.024	-0.065	67375	QPR2	NM_133686_7_-_1
Cxzc5	7.152	7.314	2.596	2.931	2.710	2.858	2.044	3.139	0.442	1.186	67393	CXXC5	NM_133687_18_+_1
Lymr5	5.689	5.681	4.234	4.249	4.194	3.944	4.195	4.111	4.100	3.967	67636	ETFRF1	NM_133688_6_+_1
Ppp1r32	-3.090	-1.163	-2.718	-3.451	-3.266	-2.932	-2.223	-4.959	-1.285	-3.098	67752	PPP1R32	NM_133689_19_-_1
Atp1b4	-4.981	-4.981	-4.467	-4.625	-4.963	-4.625	-4.608	-4.217	-3.224	-3.008	67821	ATP1B4	NM_133690_X_+_1
Puf60	6.573	6.866	6.356	6.781	6.490	6.875	6.664	6.970	6.725	6.915	67959	PUF60	NM_133691_15_-_1
Pold3	5.015	5.168	5.052	4.968	5.326	5.222	5.435	5.247	5.134	5.049	67967	POLD3	NM_133692_7_-_1
Rbm42	6.972	6.789	6.744	6.567	7.092	6.785	7.052	6.682	7.185	6.644	68035	RBM42	NM_133693_7_-_1
Fbxl15	3.581	3.281	2.250	2.318	2.454	2.345	2.736	2.649	2.777	2.935	68431	FBXL15	NM_133694_19_+_1
Smim14	9.835	9.865	8.033	7.877	7.944	8.059	7.632	7.525	7.277	7.008	68552	SMIM14	NM_133697_5_-_1
Btbd10	4.168	4.524	4.591	4.299	4.539	4.519	4.396	4.117	4.523	4.581	68815	BTBD10	NM_133700_7_-_1
Prpf6	5.036	4.912	5.216	5.111	5.519	5.607	5.272	5.468	5.640	5.548	68879	PRPF6	NM_133701_2_+_1
Nol11	4.901	5.005	4.935	4.807	4.841	4.771	4.909	4.839	4.665	4.628	68979	NOL11	NM_133702_11_-_1
Fam220a	2.691	3.560	1.975	1.973	2.015	2.310	1.461	2.119	1.628	2.258	67238	FAM220A	NM_133703_5_+_1
Sec22a	4.841	5.052	4.544	4.909	4.583	4.996	3.792	4.190	3.268	3.816	317717	SEC22A	NM_133704_16_-_1
Pycr2	6.474	6.446	5.509	5.798	5.533	5.367	5.083	5.661	5.415	5.258	69051	PYCR2	NM_133705_1_+_1
Tmem97	4.836	4.874	3.213	3.433	3.632	3.494	3.765	4.116	3.739	3.557	69071	TMEM97	NM_133706_11_-_1
Kdf1	-4.981	-4.981	-4.755	-1.286	-4.300	-2.931	-4.960	-4.363	-4.981	-4.981	69073	KDF1	NM_133707_4_+_1
Gmppa	6.202	6.370	5.619	5.792	5.270	5.543	5.168	5.582	5.749	5.597	69080	GMPPA	NM_133708_1_+_1
Ctdspl	-4.981	-1.680	-0.307	-2.098	-0.877	-2.626	-0.323	0.183	4.201	3.869	69274	CTDSPL	NM_133710_9_+_1
Kansl2	5.017	4.989	4.796	5.031	5.651	5.694	5.340	5.385	6.074	5.628	69612	KANSL2	NM_133714_15_-_1
Arhgap27	3.928	4.141	4.578	4.290	6.080	5.471	5.751	5.197	5.953	5.708	544817	ARHGAP27	NM_133715_11_-_1
Smap2	5.934	5.743	5.627	5.887	6.344	6.576	6.226	6.001	6.243	6.093	69780	SMAP2	NM_133716_4_-_1
Rab43	-2.232	-1.348	2.026	1.457	0.264	0.257	-0.584	0.802	-0.722	-1.112	69834	RAB43	NM_133717_6_-_1
Tmem30a	6.781	7.053	7.294	7.300	6.594	6.728	6.763	7.104	7.069	7.778	69981	TMEM30A	NM_133718_9_-_1
Metrn	3.454	3.153	2.575	2.711	2.764	2.429	2.675	2.905	3.017	2.385	70083	METRN	NM_133719_17_-_1
Cysltr2	-4.517	-4.662	-2.848	-4.751	-3.341	-4.931	-4.224	-4.016	-4.217	-4.981	70086	CYSLTR2	NM_133720_14_-_1
Itga9	-0.305	-4.981	-0.415	-0.079	1.314	0.279	1.709	3.497	-0.362	0.191	104099	ITGA9	NM_133721_9_+_1
Abhd17c	4.458	4.397	4.674	4.533	5.287	5.129	4.945	5.029	5.153	5.329	70178	ABHD17C	NM_133722_7_-_1
Asph	0.023	-0.580	-4.555	-4.510	-4.975	-4.915	-4.096	-4.528	-3.687	-4.166	65973	ASPH	NM_133723_4_-_1
Bloc1s4	5.954	5.848	5.029	5.080	5.256	5.492	5.095	4.982	4.581	4.438	117197	BLOC1S4	NM_133724_5_-_1
St13	5.490	5.448	6.119	6.361	5.540	5.695	5.754	5.961	5.279	5.405	70356	ST13	NM_133726_15_-_1
Kptn	5.513	5.148	4.268	4.530	5.478	5.516	4.617	4.329	4.148	3.815	70394	KPTN	NM_133727_7_+_1
Asnsd1	5.150	5.520	6.140	6.210	6.024	6.248	5.772	6.079	5.711	6.079	70396	ASNSD1	NM_133728_1_-_1
Stk26	4.016	4.297	-0.325	0.162	0.919	0.752	2.296	2.397	3.758	3.791	70415	STK26	NM_133729_X_+_1
Prss22	-0.096	-2.997	-3.988	-2.522	-3.305	-1.600	-3.307	-2.203	-4.981	-4.316	70835	PRSS22	NM_133731_17_-_1
4931406C07Rik	1.604	1.255	-3.686	-0.354	-1.586	-4.873	-0.739	-0.886	-4.177	-4.654	70984	C11orf54	NM_133732_9_-_1
Clmp	1.414	3.034	0.852	0.189	2.772	1.229	2.465	0.229	0.031	-0.685	71566	CLMP	NM_133733_9_+_1
Dcaf11	5.524	4.812	5.322	4.305	4.796	4.068	5.256	4.545	5.778	5.165	28199	DCAF11	NM_133734_14_+_1
Ptcd1	4.064	4.192	3.866	3.857	4.173	3.914	4.197	4.093	4.718	4.306	71799	ATP5J2-PTCD1	NM_133735_5_-_1
Lancl2	2.604	2.271	4.077	3.948	3.782	3.538	3.646	3.517	3.684	3.968	71835	LANCL2	NM_133737_6_+_1
Antxr2	5.102	5.482	5.254	5.256	5.425	5.503	5.226	5.189	5.807	5.769	71914	ANTXR2	NM_133738_5_-_1
Tmem123	8.444	8.633	8.949	9.380	9.497	9.483	9.099	8.894	7.497	7.826	71929	TMEM123	NM_133739_9_+_1
Prmt3	4.589	4.612	4.976	5.079	4.586	4.784	4.366	4.918	5.303	4.996	71974	PRMT3	NM_133740_7_+_1
Snrk	3.631	4.431	4.078	4.345	4.239	4.193	4.073	3.831	5.683	5.647	20623	SNRK	NM_133741_9_+_1
Lypd3	-4.981	-2.997	-4.981	-4.981	-4.914	-4.309	-4.981	-4.981	-4.981	-3.498	72434	LYPD3	NM_133743_7_+_1
Ccdc71	4.770	4.561	5.029	4.908	4.807	4.777	4.834	4.991	5.126	4.994	72454	NA	NM_133744_9_+_1
Calhm2	5.839	5.942	5.271	5.003	6.059	6.315	6.038	5.960	6.665	6.645	72691	CALHM2	NM_133746_19_-_1
Fam98a	4.264	4.297	3.885	4.009	4.190	4.166	3.759	4.045	3.400	3.690	72722	FAM98A	NM_133747_17_-_1
Insig2	3.149	3.176	3.667	3.191	2.363	2.431	1.718	2.064	1.439	2.583	72999	INSIG2	NM_133748_1_-_1
Emc7	7.104	7.187	6.279	6.243	6.052	6.099	6.145	6.206	5.962	6.077	73024	EMC7	NM_133749_2_+_1
Fam118a	2.268	3.385	4.302	4.455	2.871	3.226	2.898	3.344	3.260	3.901	73225	FAM118A	NM_133750_15_+_1
Opa1	4.306	4.116	4.756	4.727	4.459	4.650	4.626	4.552	4.779	5.150	74143	OPA1	NM_133752_16_+_1
Errfi1	1.016	4.260	4.624	5.532	4.959	5.513	4.693	4.318	3.310	3.496	74155	ERRF1	NM_133753_4_+_1

Fblim1	-3.593	-3.919	-4.192	-4.263	-4.325	-4.800	-2.579	-4.518	-2.199	-2.969	74202	FBLIM1	NM_133754_4_-1
Tubgcp2	2.974	3.468	3.189	3.514	3.761	3.356	2.247	3.333	3.136	2.257	74237	TUBGCP2	NM_133755_7_-1
Gpn1	5.249	5.438	5.749	5.879	5.894	5.928	5.631	5.496	4.446	4.645	74254	GNP1	NM_133756_5_+1
Pgs1	5.654	5.519	6.013	6.222	5.732	5.813	5.778	5.729	6.534	6.350	74451	PGS1	NM_133757_11_+1
Usp47	5.364	5.523	6.433	6.293	6.277	6.069	6.395	6.273	6.996	7.008	74996	USP47	NM_133758_7_+1
Zbtb3	0.768	0.363	0.561	0.332	-0.471	0.474	0.984	-0.058	0.718	0.691	75291	ZBTB3	NM_133759_19_+1
Sirt4	3.222	2.979	2.100	2.369	2.622	2.778	2.142	2.173	1.466	2.231	75387	SIRT4	NM_133760_5_-1
Dcp1a	4.012	3.990	4.223	4.151	4.643	4.542	4.809	4.371	5.167	5.177	75901	DCP1A	NM_133761_14_+1
Ncapg2	2.958	2.935	4.325	3.880	3.536	3.299	3.225	3.482	2.535	2.691	76044	NCAPG2	NM_133762_12_+1
Dnttip1	5.961	5.957	5.677	5.782	5.687	5.645	5.394	5.350	5.286	5.084	76233	DNTTIP1	NM_133763_2_+1
Atp6v0e2	-4.981	3.061	-4.882	4.213	-3.773	2.958	-2.201	2.897	-4.981	3.041	76252	ATP6V0E2	NM_133764_6_+1
Fbxo31	3.446	3.493	3.445	3.424	3.765	3.762	3.895	3.581	4.503	4.214	76454	FBXO31	NM_133765_8_-1
Efr3a	6.506	6.476	7.968	7.758	6.972	7.153	7.220	7.284	6.897	7.107	76740	EFR3A	NM_133766_15_+1
Mtif2	4.685	3.881	4.478	3.556	4.500	3.564	4.457	3.636	3.930	3.437	76784	MTIF2	NM_133767_11_+1
Asl	5.197	5.258	6.016	6.012	4.889	4.922	5.018	5.040	5.415	5.306	109900	ASL	NM_133768_5_-1
Cyfp2	6.451	6.309	7.282	7.068	6.678	6.529	6.443	6.234	7.003	6.223	76884	CYFP2	NM_133769_11_-1
Coq8b	3.822	4.014	3.604	3.742	3.634	3.912	3.990	4.260	4.829	4.673	76889	COQ8B	NM_133770_7_+1
Memo1	5.031	4.940	4.446	4.789	4.173	4.352	4.004	4.575	3.133	3.679	76890	MEMO1	NM_133771_17_-1
Ssbp4	5.175	4.948	4.942	5.349	5.163	5.511	5.408	5.938	6.584	6.601	76900	SSBP4	NM_133772_8_-1
Stard4	3.836	4.483	3.686	3.436	2.393	2.868	3.341	3.606	3.259	3.706	170459	STARD4	NM_133774_18_-1
Il33	-4.981	-4.981	-3.665	-4.976	-4.980	-4.969	-4.938	-3.535	-4.981	-4.981	77125	IL33	NM_133775_19_+1
Ube2s	5.940	4.847	5.847	5.415	6.034	5.267	5.639	4.921	5.048	4.411	77891	UBE2S	NM_133777_7_-1
Fam131a	-0.448	0.226	3.350	3.681	2.998	3.085	2.855	1.905	2.253	2.222	78408	FAM131A	NM_133778_16_+1
Pigt	5.605	6.074	5.152	5.623	4.921	5.748	4.955	5.548	4.878	5.039	78928	PIGT	NM_133779_2_+1
Tpr	7.157	7.233	7.714	7.544	7.926	7.958	7.816	7.709	7.495	7.600	108989	TPR	NM_133780_1_+1
Cab39	5.515	5.697	6.282	6.224	6.406	6.658	6.498	6.606	7.117	7.545	12283	CAB39	NM_133781_1_+1
Ptges2	4.517	4.466	3.712	3.657	3.840	3.793	3.911	3.912	4.278	3.940	96979	PTGES2	NM_133783_2_+1
Wwtr1	-4.981	-4.981	-4.800	-4.518	-4.887	-4.833	-4.437	-3.204	-4.699	-1.756	97064	WWTR1	NM_133784_3_-1
Smc4	6.022	6.182	6.802	6.489	7.290	6.882	6.768	6.316	5.165	5.310	70099	SMC4	NM_133786_3_+1
Nmd3	6.695	6.619	5.545	5.737	5.907	5.713	5.483	5.569	4.885	4.573	97112	NMD3	NM_133787_3_+1
Icmt	3.051	3.455	2.934	1.924	3.688	3.039	3.961	3.191	4.307	4.476	57295	ICMT	NM_133788_4_+1
Strn4	1.623	1.488	3.359	3.499	2.538	2.107	2.841	2.920	2.790	3.213	97387	STRN4	NM_133789_7_+1
Wwc2	2.107	1.756	-0.076	0.118	0.512	1.009	2.012	2.055	3.300	3.022	52357	WWC2	NM_133791_8_-1
Pla2g15	4.174	4.203	2.795	3.594	3.118	3.257	4.425	5.643	6.106	6.511	192654	PLA2G15	NM_133792_8_+1
Qars	4.739	4.568	5.492	5.564	4.946	4.757	4.908	4.928	5.783	5.496	97541	QARS	NM_133794_9_+1
Ttc1	6.170	6.027	5.468	5.707	5.487	5.459	5.501	5.546	4.880	5.070	66827	TTC1	NM_133795_11_-1
Arhgdia	8.462	8.501	9.242	9.414	9.323	9.231	9.018	9.012	9.111	9.030	192662	ARHGDI1A	NM_133796_11_-1
4833439L19Rik	5.307	4.808	5.366	4.955	5.233	4.554	5.343	4.972	5.941	5.427	97820	KIAA1191	NM_133797_13_-1
Exd2	3.233	3.602	3.632	3.773	3.666	3.944	3.424	3.956	4.340	4.388	97827	EXD2	NM_133798_12_+1
Nol12	5.344	5.385	4.750	4.963	4.779	4.829	4.883	4.745	3.865	3.712	97961	NOL12	NM_133800_15_+1
Gtf2f1	6.108	6.222	5.816	6.060	6.149	5.976	5.823	5.822	5.272	4.891	98053	GTF2F1	NM_133801_17_-1
Dpp3	5.795	5.888	6.214	6.216	6.128	6.082	5.817	6.053	6.677	6.462	75221	DPP3	NM_133803_19_-1
Tmem132a	-1.692	-0.771	1.302	2.107	2.526	3.059	1.632	1.662	1.272	1.800	98170	TMEM132A	NM_133804_19_-1
Cops8	6.259	6.179	5.815	6.033	5.938	5.977	5.804	5.804	5.753	5.645	108679	COPS8	NM_133805_1_+1
Uap1	-4.565	-3.512	-2.356	-4.929	-3.150	-3.274	-2.419	-3.084	-4.196	-4.878	107652	UAP1	NM_133806_1_-1
Lrrc59	6.375	6.322	6.460	6.914	6.046	6.094	6.310	6.775	6.976	7.030	98238	LRRCS9	NM_133807_11_+1
Hdlbp	4.354	4.389	5.534	5.559	3.548	4.028	4.014	4.800	4.122	5.481	110611	HDLBP	NM_133808_1_-1
Kmo	9.389	9.605	7.908	7.121	7.786	7.537	7.426	6.802	4.120	4.055	98256	KMO	NM_133809_1_+1
Stk17b	9.597	9.969	7.516	7.211	8.928	8.930	8.281	8.165	8.224	8.150	98267	STK17B	NM_133810_1_-1
Lbr	6.936	7.240	6.208	6.178	7.082	6.853	7.085	7.128	8.597	8.289	98386	LBR	NM_133815_1_-1
Sh3bp4	5.397	5.558	4.032	4.359	3.068	2.485	3.249	2.893	3.210	2.892	98402	SH3BP4	NM_133816_1_+1
Zfp451	3.261	3.206	3.807	3.420	3.846	3.519	3.974	3.617	4.004	3.589	98403	ZNF451	NM_133817_1_-1
Al597479	3.398	3.314	3.534	3.210	3.573	3.457	3.362	3.271	3.523	3.899	98404	C2orf49	NM_133818_1_+1
Ppp1r15b	4.937	4.572	6.392	6.197	5.367	5.493	5.977	6.157	7.953	7.646	108954	PPP1R15B	NM_133819_1_+1
Phlpp1	1.820	1.713	3.930	3.423	3.972	3.717	3.824	3.503	2.422	2.745	98432	PHLPP1	NM_133821_1_+1
Mmaa	3.875	4.364	3.230	3.571	3.359	3.883	3.305	3.547	2.179	3.351	109136	MMAA	NM_133823_8_-1
D1Ert622e	5.860	6.062	6.376	6.142	6.268	6.576	6.502	6.601	7.584	7.806	52392	C5orf30	NM_133825_1_-1
Atp6v1h	7.050	7.123	6.910	6.933	6.660	6.608	6.529	6.579	6.527	6.482	108664	ATP6V1H	NM_133826_1_+1
Creb1	5.140	5.255	5.652	5.566	5.751	5.443	5.596	5.511	5.583	6.205	12912	CREB1	NM_133828_1_+1
Mfsd6	2.607	2.589	4.548	4.761	4.482	5.041	4.391	4.082	5.920	6.257	98682	MFS6	NM_133829_1_-1
Gltscr2	7.734	7.355	7.528	7.411	7.690	7.366	7.779	7.601	8.009	7.640	68077	GLTSCR2	NM_133831_7_-1
Rdh10	2.555	2.787	2.130	2.317	2.414	2.327	2.790	2.972	3.227	3.397	98711	RDH10	NM_133832_1_+1
Dst	4.536	4.420	0.553	1.235	2.571	3.116	2.461	3.263	-1.240	-0.418	13518	NA	NM_133833_1_+1
Hnrnpf	8.398	8.643	8.411	8.442	8.415	8.153	8.252	8.095	8.370	8.270	98758	HNRNPF	NM_133834_6_+1
Ubac1	5.148	5.288	5.621	5.907	5.328	5.877	4.966	5.606	4.545	4.497	98766	UBAC1	NM_133835_2_-1
Il15ra	0.421	0.901	3.091	3.043	1.609	1.915	2.193	1.476	2.895	2.674	16169	IL15RA	NM_133836_2_+1
Cdc123	7.170	6.967	6.150	6.150	6.340	6.066	6.245	5.967	5.331	5.403	98828	CDC123	NM_133837_2_-1
Ehd4	5.923	6.119	5.554	6.107	5.604	6.173	7.032	7.273	8.087	7.950	98878	EHD4	NM_133838_2_-1
Mmadhc	6.979	6.980	6.076	6.207	6.215	6.256	5.946	5.938	5.631	5.710	109129	MMADHC	NM_133839_2_-1
Clp1	4.976	4.904	4.602	4.535	4.627	4.647	4.729	4.472	4.897	4.761	98985	CLP1	NM_133840_2_-1
Tm9sf4	4.583	4.883	5.414	5.205	5.081	4.775	5.547	5.349	6.944	6.114	99237	TM9SF4	NM_133847_2_+1
Commd7	7.338	7.462	6.918	7.039	6.730	6.972	6.683	6.715	6.403	6.699	99311	COMMD7	NM_133850_2_-1
Nusap1	0.095	0.192	3.606	3.804	4.556	4.221	4.186	3.457	2.134	2.018	108907	NUSAP1	NM_133851_2_+1
Golga2	3.320	2.917	0.904	2.664	2.036	2.613	2.182	3.047	3.721	3.873	99412	GOLGA2	NM_133852_2_+1

Magi3	-2.160	-0.757	-3.158	-3.838	-3.121	-3.104	-3.430	-3.950	-4.098	-4.610	99470	MAGI3	NM_133853_3_-1
Snapin	7.043	6.569	6.078	5.938	6.150	5.932	6.226	6.050	6.357	5.886	20615	SNAPIN	NM_133854_3_-1
Usp53	2.031	2.063	2.871	2.853	2.012	1.841	1.761	2.252	2.208	2.319	99526	USP53	NM_133857_3_-1
Fam63a	0.165	0.637	0.668	-0.983	-0.820	-0.184	0.626	0.168	2.964	2.981	75007	FAM63A	NM_133858_3_+1
Olfml3	0.743	-1.379	-3.409	-3.504	-2.025	-2.104	-3.266	-2.494	-4.981	-2.452	99543	OLFML3	NM_133859_3_-1
Dclre1b	3.939	3.545	3.597	3.344	4.057	3.981	4.627	4.222	5.629	5.366	140917	DCLRE1B	NM_133865_3_-1
Cept1	5.938	6.326	6.163	6.304	6.136	6.403	6.474	6.868	6.904	7.436	99712	CEPT	NM_133869_3_-1
Ifi44	5.603	5.465	3.404	1.457	1.291	-2.127	2.208	0.405	2.009	0.917	99899	IFI44	NM_133871_3_-1
Kdm1a	5.183	5.316	5.739	5.897	5.600	5.526	5.454	5.550	5.902	6.015	99982	KDM1A	NM_133872_4_-1
Rcc1	2.534	2.051	4.088	4.513	4.374	4.021	4.170	4.202	3.825	3.960	100088	RCC1	NM_133878_4_-1
Zbtb48	3.103	3.373	3.329	3.064	3.252	3.225	2.987	2.858	3.168	2.949	100090	ZBTB48	NM_133879_4_-1
Pafah2	1.397	-0.244	-4.547	-4.767	-4.354	-1.788	-4.222	-4.063	-2.922	-3.572	100163	PAFAH2	NM_133880_4_+1
Adprhl2	5.201	5.155	4.718	4.842	4.867	4.907	4.572	4.661	4.421	4.294	100206	ADPRHL2	NM_133883_4_-1
Gpn2	4.214	4.012	3.907	3.810	3.948	3.435	3.557	3.224	3.608	3.068	100210	GNP2	NM_133884_4_+1
Osbpl9	4.368	5.040	4.519	4.832	4.287	4.437	4.634	5.128	6.108	6.144	100273	OSBPL9	NM_133885_4_-1
AU040320	5.331	5.479	4.567	4.791	4.336	4.628	4.335	4.616	4.994	5.133	100317	KIAA0319L	NM_133886_4_+1
Stx12	5.071	5.370	5.620	5.444	4.959	4.927	5.097	5.107	5.433	5.548	100226	STX12	NM_133887_4_-1
Smpdl3b	-1.549	-4.981	1.886	3.197	0.281	0.441	5.188	4.811	6.308	5.571	100340	SMPDL3B	NM_133888_4_-1
Bsdc1	4.378	4.363	5.013	5.140	5.187	5.286	4.736	4.656	5.157	5.086	100383	BSDC1	NM_133889_4_+1
Slc44a1	3.918	4.405	3.050	3.398	4.273	4.067	2.977	2.866	3.026	3.210	100434	SLC44A1	NM_133891_4_+1
Slc15a4	6.620	7.481	5.390	5.496	7.056	7.402	7.019	7.180	7.122	7.562	100561	SLC15A4	NM_133895_5_-1
Lrrc8c	4.393	4.422	6.069	6.087	5.720	5.775	5.920	6.083	6.570	6.385	100604	LRRC8C	NM_133897_5_+1
N4bp2l1	6.470	6.437	7.826	7.694	7.633	7.489	7.081	6.798	7.202	7.068	100637	N4BP2L1	NM_133898_5_-1
PspH	5.415	5.293	4.317	4.712	4.206	4.405	4.093	4.362	3.161	3.313	100678	PSPH	NM_133900_5_-1
Sdsl	-3.843	-2.681	-2.145	0.145	-1.916	-0.044	-4.281	0.838	-2.780	-2.396	257635	SDSL	NM_133902_5_-1
Spon2	-4.981	-4.981	-4.114	-1.568	-4.831	-3.147	-3.493	-1.918	-2.356	-4.981	100689	SPON2	NM_133903_5_-1
Papd4	5.750	5.589	7.302	7.124	6.412	6.457	6.579	6.499	6.499	6.448	100715	PAPD4	NM_133905_13_-1
Zkscan1	3.369	3.515	3.899	4.028	3.884	4.014	3.662	3.710	4.274	4.039	74570	ZKSCAN1	NM_133906_5_+1
Ube3c	3.817	3.781	4.433	4.736	4.685	4.682	4.382	4.469	4.851	5.232	100763	UBE3C	NM_133907_5_+1
Rita1	-4.851	-0.541	-1.546	-1.784	-2.099	-0.827	-1.233	-1.170	-1.716	-0.302	100764	RITA1	NM_133908_5_-1
Tbc1d14	3.343	4.370	5.424	5.730	4.659	4.830	4.514	4.822	6.076	6.041	100855	TBC1D14	NM_133910_5_-1
Adgra3	-2.784	0.970	-1.248	-1.122	-1.931	-0.841	-1.029	-2.267	-0.766	0.110	70693	ADGRA3	NM_133911_5_-1
Chpf2	4.201	4.370	4.609	4.776	4.182	4.498	4.369	4.481	5.659	5.535	100910	CHPF2	NM_133913_5_+1
Rasa4	5.311	4.926	6.890	6.860	7.337	7.476	7.647	7.855	7.261	7.374	54153	RASA4	NM_133914_5_+1
Pxn	-0.791	-0.266	2.697	2.350	2.868	2.849	1.542	2.250	3.841	4.164	19303	PXN	NM_133915_5_+1
Eif3b	6.104	6.193	6.976	7.114	6.761	6.793	6.881	6.979	7.127	6.964	27979	EIF3B	NM_133916_5_+1
Mlxip	5.083	5.277	5.481	5.243	5.138	5.413	5.403	5.360	5.708	5.584	208104	MLXIP	NM_133917_5_+1
Emilin1	4.428	3.402	-0.009	0.331	-1.879	-1.748	2.606	3.188	5.922	6.152	100952	EMILIN1	NM_133918_5_+1
Aff1	5.599	5.084	6.243	6.099	5.213	5.213	4.961	5.331	5.218	4.904	17355	AFF1	NM_133919_5_+1
Nfxl1	3.358	3.071	4.532	4.841	2.558	2.899	3.452	4.044	5.203	5.747	100978	NFXL1	NM_133921_5_-1
Krba1	1.610	2.662	0.300	0.259	2.321	2.646	0.777	0.913	-0.085	-0.186	77827	KRBA1	NM_133922_6_+1
Ttl3	-0.207	0.532	1.101	1.057	1.258	0.414	0.700	0.731	2.391	1.555	101100	TTL3	NM_133923_6_+1
Snx21	1.319	0.143	4.823	4.640	4.647	4.898	4.639	3.899	3.277	3.076	101113	SNX21	NM_133924_2_+1
Rbm28	4.916	4.297	4.377	4.246	5.050	4.809	4.922	4.612	4.809	4.469	68272	RBM28	NM_133925_6_-1
Camk1	2.275	5.311	3.368	5.616	3.213	5.453	4.800	6.669	5.804	7.607	52163	CAMK1	NM_133926_6_-1
Irfg2	3.180	3.975	3.129	3.284	3.057	3.231	2.790	2.808	2.749	2.705	101142	ITFG2	NM_133927_6_-1
Chchd4	5.017	5.035	4.880	5.166	4.774	4.810	4.715	4.672	4.454	4.191	72170	CHCHD4	NM_133928_6_-1
Creld1	3.708	4.037	2.947	3.274	2.174	2.636	2.417	3.049	1.324	2.747	171508	CRELD1	NM_133930_6_+1
Pot1a	4.670	4.936	4.201	4.210	5.071	5.037	4.811	4.887	4.650	4.872	101185	POT1	NM_133931_6_-1
Tada3	3.574	4.000	3.863	4.056	4.308	4.118	4.070	3.647	4.091	3.574	101206	TADA3	NM_133932_6_-1
Rpn1	7.192	7.126	7.829	8.177	6.395	6.704	7.024	7.982	7.698	7.918	103963	RPN1	NM_133933_6_+1
Isy1	5.178	5.400	4.898	5.147	5.109	5.227	5.111	5.083	4.521	4.552	57905	ISY1-RAB43	NM_133934_6_-1
Brk1	8.661	8.806	8.563	8.670	8.159	8.149	8.379	8.380	8.164	8.002	101314	BRK1	NM_133937_6_+1
Lsm8	6.538	6.530	5.517	5.333	5.856	5.709	5.850	5.504	4.869	4.739	76522	LSM8	NM_133939_6_+1
Fbxl14	3.453	3.307	3.979	3.855	3.468	3.827	3.648	3.871	5.330	5.312	101358	FBXL14	NM_133940_6_+1
Dhx32	3.253	3.126	2.334	3.186	2.488	2.758	2.495	2.802	3.523	3.572	101437	DHX32	NM_133941_7_-1
Plekha1	5.155	5.274	6.859	6.644	7.350	7.402	6.945	6.487	5.988	6.185	101476	PLEKHA1	NM_133942_7_+1
Hsd3b7	5.063	5.506	6.724	6.936	3.717	4.197	4.920	5.742	5.671	6.022	101502	HSD3B7	NM_133943_7_+1
Vrk3	6.330	6.491	6.049	6.243	6.025	6.122	5.769	5.885	5.586	5.637	101568	VRK3	NM_133945_7_+1
Numa1	4.914	4.922	5.452	5.514	6.203	6.334	5.921	5.885	5.659	6.148	101706	NUMA1	NM_133947_7_+1
Psip1	4.477	4.522	4.762	4.779	5.659	5.477	5.148	5.094	3.667	4.648	101739	PSIP1	NM_133948_4_-1
Ptov1	4.610	4.749	4.679	4.773	4.111	3.952	4.198	4.291	4.156	4.477	84113	PTOV1	NM_133949_7_-1
Kdelr1	6.058	6.079	5.326	5.123	4.670	4.601	4.994	5.272	5.229	5.584	68137	KDELRL1	NM_133950_7_+1
Rrp8	-0.981	1.117	1.226	0.798	1.910	1.849	1.067	1.265	2.743	2.335	101867	RRP8	NM_133951_7_-1
Unc45a	4.204	4.288	3.975	4.178	3.977	4.172	3.721	3.983	4.388	4.673	101869	UNC45A	NM_133952_7_-1
Sf3b3	5.390	5.712	6.587	6.810	6.774	6.707	6.672	6.700	6.927	6.917	101943	SF3B3	NM_133953_8_-1
Usb1	5.997	5.756	4.964	5.012	5.378	5.160	5.276	5.239	6.021	5.763	101985	USB1	NM_133954_8_+1
Rhou	-4.981	-4.981	-4.586	-4.846	-4.966	-4.254	-2.808	-1.833	4.093	4.255	69581	RHO	NM_133955_8_+1
Nfat5	1.602	2.241	3.734	4.099	5.262	4.840	3.766	4.078	3.330	3.799	54446	NFAT5	NM_133957_8_+1
Arhgef18	2.892	2.633	2.262	2.529	3.967	3.218	4.554	4.287	5.733	5.532	102098	ARHGEF18	NM_133962_8_+1
DohH	5.300	5.133	4.673	4.797	4.587	4.557	4.728	4.548	4.781	4.488	102115	DOHH	NM_133964_10_+1
Taf5l	4.857	4.787	4.918	4.965	4.601	4.540	4.663	4.997	5.544	5.295	102162	TAF5L	NM_133966_8_-1
Zdhc7	4.432	4.631	4.497	4.702	5.060	5.091	5.396	5.475	6.798	6.616	102193	ZDHC7	NM_133967_8_-1
Snapc2	5.071	4.898	4.504	4.559	4.495	4.460	4.365	4.236	4.159	3.885	102209	SNAPC2	NM_133968_8_+1

Cyp4v3	3.760	3.728	5.758	5.416	4.554	4.674	5.009	5.010	5.849	5.805	102294	CYP4V2	NM_133969_8_-1
Ankrd10	5.842	5.795	5.216	5.139	5.132	5.033	5.110	5.079	5.114	4.969	102334	ANKRD10	NM_133971_8_-1
Armc6	2.126	2.868	2.346	2.471	2.035	2.008	1.955	2.107	2.272	2.182	76813	ARMC6	NM_133972_8_-1
Cog4	4.662	4.928	5.336	5.316	5.023	5.029	5.049	5.149	5.429	5.297	102339	COG4	NM_133973_8_+1
Cdcp1	-4.981	-4.981	-1.517	-0.433	3.519	3.421	0.338	-0.743	-4.981	-2.988	109332	CDCP1	NM_133974_9_-1
Trip12	5.538	5.595	6.399	6.234	6.335	6.309	6.178	5.953	6.297	6.670	14897	TRIP12	NM_133975_1_-1
Imp3	6.471	6.347	5.352	5.476	5.126	5.309	5.377	5.425	4.586	4.457	102462	IMP3	NM_133976_9_+1
Trf	7.054	6.317	7.582	7.427	7.017	6.272	8.123	9.470	9.646	11.141	22041	TF	NM_133977_9_-1
Cmtm7	8.197	8.184	6.787	7.037	5.381	5.644	6.678	7.060	7.876	7.870	102545	CMTM7	NM_133978_9_-1
Ano10	3.673	3.686	4.215	4.100	3.646	3.382	3.819	3.737	4.206	3.615	102566	ANO10	NM_133979_9_-1
Slc22a13	-3.668	-4.981	-4.503	-4.990	-4.981	-4.981	-4.976	-4.900	-4.981	-4.981	102570	SLC22A13	NM_133980_9_-1
Alg9	4.005	3.847	3.570	4.205	2.930	2.901	3.258	3.637	3.803	3.791	102580	ALG9	NM_133981_9_+1
Rpp25	-4.981	-4.981	-4.974	-3.681	-4.175	-4.899	-3.931	-3.819	-4.981	-4.981	102614	RPP25	NM_133982_9_+1
Cd276	1.338	1.015	-4.986	-2.156	-0.581	0.648	-0.170	1.404	0.086	1.975	102657	CD276	NM_133983_9_-1
Hemk1	2.840	4.153	2.047	3.515	2.665	3.745	2.470	3.361	1.315	2.386	69536	HEMK1	NM_133984_9_-1
Oxsr1	3.298	3.586	4.310	4.324	4.227	4.308	4.381	4.360	4.674	4.536	108737	OXSR1	NM_133985_9_-1
Tcta	5.456	5.600	4.298	4.318	4.301	4.468	4.087	4.118	4.243	3.955	102791	TCTA	NM_133986_9_-1
Slc6a8	-3.674	-3.800	-4.388	-4.249	-3.644	-4.318	-4.021	-4.503	-4.981	-4.098	102857	SLC6A8	NM_133987_X_+1
Il13ra1	3.503	4.860	6.091	6.312	5.060	4.726	7.419	7.639	8.396	8.935	16164	IL13RA1	NM_133990_X_+1
Ftsj1	1.980	2.813	1.820	0.835	0.945	0.697	0.730	0.292	1.862	0.837	54632	FTSJ1	NM_133991_X_-1
Pan2	3.041	2.985	3.095	2.830	3.815	3.509	3.790	3.510	3.837	3.946	103135	PAN2	NM_133992_10_+1
Pwp1	4.871	4.997	5.190	5.256	5.134	5.160	4.814	4.992	5.015	5.071	103136	PWP1	NM_133993_10_+1
Gstt3	1.408	1.788	3.381	4.154	2.992	3.573	3.714	3.129	1.996	1.982	103140	NA	NM_133994_10_-1
Upb1	9.377	9.183	1.864	0.950	-0.497	0.833	2.311	2.585	2.433	1.027	103149	UPB1	NM_133995_10_+1
Apon	-4.981	-4.981	-4.657	-2.029	-2.832	-4.259	-3.162	-2.684	-2.685	-4.981	28194	NA	NM_133996_10_+1
Apop	2.222	1.695	-1.203	-1.558	2.543	2.255	0.882	0.224	-3.022	-2.266	103161	APOF	NM_133997_10_+1
Fam207a	4.967	4.889	5.379	5.364	5.233	5.139	5.075	4.981	5.194	5.110	108707	FAM207A	NM_133998_10_-1
Fig4	4.839	5.058	4.924	5.230	4.923	5.080	4.926	5.123	5.728	5.861	103199	FIG4	NM_133999_10_-1
Traf3ip2	4.018	3.577	3.499	3.738	3.264	3.094	2.341	2.969	2.163	1.975	103213	TRAF3IP2	NM_134000_10_+1
Csnk1g2	4.324	3.529	3.948	3.970	4.011	3.717	3.868	4.068	4.583	4.207	103236	CSNK1G2	NM_134002_10_+1
Zc3h10	4.516	4.694	4.705	4.476	4.672	4.675	4.629	4.499	4.738	4.690	103284	ZC3H10	NM_134003_10_-1
Enpp3	-4.981	-1.991	-5.004	-4.077	-4.982	-1.508	-4.959	-0.699	-4.981	-2.338	209558	ENPP3	NM_134005_10_-1
Rdh5	0.466	0.671	-0.046	0.025	-0.491	0.484	-1.164	-0.316	-0.319	-0.136	19682	RDH5	NM_134006_10_-1
Cisd1	6.004	5.977	5.358	5.458	5.509	5.348	5.327	4.828	5.377	4.718	52637	CISD1	NM_134007_10_-1
Ncln	4.931	4.563	5.071	5.249	4.815	4.958	5.559	5.733	7.149	6.697	103425	NCLN	NM_134009_10_-1
Nup107	4.443	4.364	4.058	4.136	4.602	4.187	4.551	4.496	5.186	4.592	103468	NUP107	NM_134010_10_-1
Tbrg4	3.511	4.180	2.762	3.622	2.547	3.260	2.547	3.205	1.864	2.616	21379	TBRG4	NM_134011_11_-1
Mbtd1	4.468	4.014	5.298	4.997	5.274	4.962	5.120	4.552	4.534	4.776	103537	MBTD1	NM_134012_11_+1
Psme4	4.457	4.762	5.224	4.830	5.140	5.023	5.137	4.812	5.631	5.147	103554	PSME4	NM_134013_11_+1
Xpo1	1.289	-0.494	2.579	2.675	3.440	2.424	2.776	2.127	2.851	2.849	103573	XPO1	NM_134014_11_+1
Fbxw11	1.206	-2.812	0.097	-1.421	0.535	1.969	-3.263	-4.285	1.064	0.209	103583	FBXW11	NM_134015_11_+1
Mat2b	7.322	7.488	6.456	6.273	6.723	6.761	7.022	6.851	6.911	7.009	108645	MAT2B	NM_134017_11_-1
Tmed4	6.678	6.605	5.909	6.012	6.122	6.248	5.857	5.943	6.033	5.825	103694	TMED4	NM_134020_11_-1
Pnpo	5.153	5.197	5.778	6.164	6.726	6.814	6.140	6.011	5.779	5.626	103711	PNPO	NM_134021_11_-1
6330403K07Rik	-4.981	-4.981	-4.960	-4.552	-3.925	-4.731	-4.920	-4.800	-4.981	-4.981	103712	LOC728392	NM_134022_11_-1
Tbc1d10a	3.892	4.029	5.446	5.435	5.331	5.297	4.989	5.028	4.317	4.817	103724	TBC1D10A	NM_134023_11_+1
Tubg1	5.122	5.251	3.955	4.420	4.577	4.599	4.021	4.206	3.524	3.431	103733	TUBG1	NM_134024_11_+1
Pex12	3.774	3.656	3.383	2.906	3.285	3.047	2.921	2.800	2.833	2.802	103737	PEX12	NM_134025_11_-1
Med1	4.539	4.425	4.539	4.384	4.666	4.568	4.415	4.165	4.149	4.389	19014	MED1	NM_134027_11_-1
Tubg2	0.833	1.418	-3.710	-0.055	-2.802	-2.279	-2.845	-0.106	-4.981	-2.970	103768	TUBG2	NM_134028_11_+1
Nt5m	6.048	5.895	4.475	4.439	5.001	4.915	4.317	4.226	3.541	3.343	103850	NT5M	NM_134029_11_+1
Hoxb2	-4.981	-4.981	-4.624	-3.815	-3.703	-4.170	-4.532	-2.428	-2.989	-3.797	103889	HOXB2	NM_134032_11_+1
Ccdc117	4.396	4.122	4.685	4.306	4.591	4.282	4.860	4.877	5.441	5.707	104479	CCDC117	NM_134033_11_-1
Smek2	6.464	6.516	6.849	7.000	6.727	6.903	6.920	6.991	6.953	7.481	104570	PPP4R3B	NM_134034_11_+1
Acly	4.682	4.158	5.531	5.370	5.073	5.036	5.398	5.878	6.929	7.382	104112	ACLY	NM_134037_11_-1
Slc16a6	-0.865	1.473	2.787	3.567	1.686	3.852	1.479	2.721	2.663	3.035	104681	SLC16A6	NM_134038_11_-1
Ddx1	5.493	5.533	4.566	5.028	4.915	5.392	5.262	5.482	5.455	5.299	104721	DDX1	NM_134040_12_-1
4930427A07Rik	0.251	0.366	1.623	1.123	2.116	1.387	1.301	0.923	0.762	0.490	104732	C14orf80	NM_134041_12_+1
Aldh6a1	3.363	3.787	2.810	2.786	2.407	2.699	2.418	3.349	2.962	3.689	104776	ALDH6A1	NM_134042_12_-1
Vipas39	-4.648	-3.255	-0.137	-1.098	-3.006	-2.907	-1.997	-2.571	-1.263	0.149	104799	VIPAS39	NM_134044_12_-1
Cenpo	3.257	3.317	3.341	3.413	3.556	3.297	3.572	3.435	3.234	3.216	52504	CENPO	NM_134046_12_-1
Cbll1	0.268	1.602	1.478	0.996	0.597	0.708	1.402	0.521	1.992	2.008	104836	CBLL1	NM_134048_12_-1
Adi1	6.777	7.614	5.221	5.449	5.180	5.560	5.027	5.437	3.942	4.445	104923	ADI1	NM_134052_12_+1
Sptssa	8.706	9.304	7.348	7.450	7.417	7.651	7.437	7.387	6.609	6.915	104725	SPTSSA	NM_134054_12_-1
Pelo	2.644	2.088	2.640	2.020	1.528	1.185	2.194	1.779	2.538	2.174	105083	PELO	NM_134058_13_-1
Ddx41	5.649	5.552	5.304	5.490	5.311	5.442	5.369	5.899	6.419	6.479	72935	DDX41	NM_134059_13_-1
Slc35b3	5.539	5.589	4.841	4.837	4.664	4.768	4.540	4.479	4.363	4.470	108652	SLC35B3	NM_134060_13_-1
Dapk1	-4.981	-0.051	-1.742	0.497	-0.485	-1.528	0.049	-0.349	1.399	1.638	69635	DAPK1	NM_134062_13_+1
Fam208b	4.444	4.792	5.305	4.872	5.218	5.175	4.426	4.555	3.943	3.875	105203	FAM208B	NM_134063_13_-1
Rnf44	2.561	2.878	2.183	1.666	3.627	2.907	1.968	2.544	3.103	2.820	105239	RNF44	NM_134064_13_-1
Epdr1	-4.981	-1.205	-2.970	1.565	-0.701	1.763	-1.551	2.445	-1.785	-0.304	105298	EPDR1	NM_134065_13_-1
Akr1c18	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-1.646	-3.461	105349	AKR1C3	NM_134066_13_-1
AW209491	3.329	3.162	2.819	2.609	2.898	2.099	2.198	2.319	2.890	2.454	105351	C7orf25	NM_134067_13_+1
Dusp22	4.328	4.209	3.299	3.312	4.241	4.535	4.590	4.340	5.086	4.976	105352	DUSP22	NM_134068_13_+1

Slf1	4.509	4.408	3.297	2.898	4.196	3.840	3.679	3.225	2.246	2.195	105377	SLF1	NM_134071_13_-1
Kctd9	1.396	0.886	1.505	2.040	2.087	1.925	1.331	1.048	1.559	0.376	105440	KCTD9	NM_134073_14_+1
Dock9	0.555	-0.423	1.509	1.418	1.326	0.960	-0.066	0.293	-1.750	-1.341	105445	DOCK9	NM_134074_14_-1
Abhd4	5.685	5.473	5.598	5.473	5.229	6.307	5.243	5.631	5.949	6.069	105501	ABHD4	NM_134076_14_+1
Rbm26	5.464	5.719	5.786	5.593	5.772	5.758	5.201	5.199	4.135	4.818	74213	RBM26	NM_134077_14_-1
Chmp7	4.801	4.893	5.210	5.466	4.883	5.047	4.933	5.140	5.569	5.653	105513	CHMP7	NM_134078_14_-1
Adk	7.170	7.229	4.010	4.451	3.344	3.750	2.986	3.937	3.712	4.026	11534	ADK	NM_134079_14_+1
Flnb	3.392	3.326	5.798	5.495	6.272	5.891	5.662	4.957	2.146	2.059	286940	FLNB	NM_134080_14_+1
Dnajc9	7.088	7.079	5.994	5.919	6.421	6.377	5.733	5.814	4.128	4.104	108671	DNAJC9	NM_134081_14_-1
Farp1	1.320	1.639	-0.051	-1.032	-0.187	0.207	-0.601	-1.797	-2.239	-1.029	223254	FARP1	NM_134082_14_+1
Rcbtb2	-2.895	-1.719	-1.046	-1.588	-2.197	-4.666	-2.982	-3.210	-0.672	-0.427	105670	RCBTB2	NM_134083_14_+1
Ppif	7.164	6.515	4.531	4.713	5.091	4.798	4.771	4.646	4.167	4.210	105675	PPIF	NM_134084_14_+1
Slc38a1	5.589	5.092	5.201	4.597	6.278	5.548	5.145	4.087	3.905	3.341	105727	SLC38A1	NM_134086_15_-1
Fam83h	-3.842	-4.981	-0.188	-0.343	-1.138	-2.120	-3.733	-4.655	-2.627	-3.344	105732	FAM83H	NM_134087_15_-1
Scrib	1.543	1.327	2.730	2.809	2.834	2.420	3.132	2.819	3.066	3.472	105782	SCRIB	NM_134089_15_-1
Kdelr3	-2.483	-4.981	-0.687	-0.720	-3.284	-3.219	-2.770	-1.468	-4.981	-2.976	105785	KDEL3	NM_134090_15_+1
Sgsm3	3.671	3.739	4.481	4.435	2.928	3.461	2.691	3.141	2.739	3.727	105835	SGSM3	NM_134091_15_+1
Mtbp	2.238	2.376	2.741	2.427	3.447	2.979	2.817	2.515	1.922	1.433	105837	MTBP	NM_134092_15_+1
Letmd1	4.855	4.558	4.612	4.163	4.505	4.256	4.419	4.155	4.303	3.791	68614	LETMD1	NM_134093_15_+1
Ncald	1.896	3.375	-4.890	-3.680	-4.932	-4.963	-4.913	-1.702	-4.981	-4.981	52589	NCALD	NM_134094_15_-1
Desi1	4.952	3.273	4.228	2.745	4.112	1.945	4.266	2.516	4.550	1.032	28075	DESI1	NM_134095_15_-1
Topors	4.532	4.727	5.207	5.183	4.990	4.955	5.112	5.105	5.202	5.408	106021	TOPORS	NM_134097_4_-1
Fbxo4	4.519	4.655	5.151	5.192	0.097	1.355	4.422	4.983	5.316	5.445	106052	FBXO4	NM_134099_15_-1
Mfsd5	6.421	6.305	6.486	6.458	6.098	6.034	6.617	6.697	7.693	7.398	106073	MFSO5	NM_134100_15_+1
Psm2	6.552	6.669	7.355	7.669	7.318	7.255	7.137	7.388	7.806	7.847	21762	PSM2	NM_134101_16_+1
Pla1a	-4.981	-4.981	-0.373	-2.012	-0.808	-1.140	-1.762	-2.324	-2.712	-0.304	85031	PLA1A	NM_134102_16_-1
Il1rap	1.130	0.884	0.369	0.318	-1.882	-2.039	-0.059	0.411	1.923	1.065	16180	IL1RAP	NM_134103_16_+1
Txndc11	-4.696	-4.747	-0.252	-4.777	-2.169	-4.671	-1.410	-4.611	-4.756	-4.962	106200	TXND11	NM_134105_16_-1
Ildr1	-4.981	-4.981	0.898	1.186	-2.352	-3.674	-1.729	-1.117	-4.165	-4.622	106347	ILDR1	NM_134109_16_+1
Eaf2	-0.602	-0.958	-0.650	-0.967	-0.929	-0.682	-0.866	-1.914	-2.478	-4.227	106389	EAF2	NM_134111_16_-1
Kctd1	-0.647	0.529	0.605	0.066	-0.502	-0.526	-0.370	-0.454	-0.672	-0.700	106931	KCTD1	NM_134112_18_-1
Sft2d1	7.548	7.674	7.288	7.235	7.292	7.455	7.151	6.989	7.142	6.645	106489	SFT2D1	NM_134114_17_+1
Stk38	5.524	5.563	6.950	6.826	6.776	7.032	7.414	7.338	8.787	8.566	106504	STK38	NM_134115_17_-1
Gpsm3	5.825	5.871	6.955	7.108	7.158	7.034	6.958	6.713	6.721	6.583	106512	GPSM3	NM_134116_17_+1
Pkdcc	2.308	2.698	2.961	2.525	0.586	-0.146	1.545	1.610	3.010	2.966	106522	PKDCC	NM_134117_17_+1
Tecr	8.507	8.722	7.059	7.565	7.311	7.435	7.336	7.827	7.186	7.380	106529	TECR	NM_134118_8_-1
Nrm	5.192	5.176	4.779	4.487	6.982	6.492	6.447	5.843	5.755	5.046	106582	NRM	NM_134122_17_+1
Scaf8	4.473	4.525	4.824	4.539	5.085	5.013	4.834	4.841	5.283	5.203	106583	SCAF8	NM_134123_17_+1
Trip10	0.382	0.248	2.684	3.237	1.353	1.332	2.000	1.773	2.743	2.308	106628	TRIP10	NM_134125_17_+1
Ift140	2.725	3.115	3.841	4.068	6.257	5.939	5.180	4.735	4.225	4.487	106633	IFT140	NM_134126_17_+1
Cyp4f15	-4.981	-4.981	-4.981	-4.981	-3.331	-2.247	-3.515	-4.897	-4.981	-4.981	106648	CYP4F8	NM_134127_17_+1
Prpf19	4.487	4.723	6.181	5.725	5.049	4.859	5.165	5.476	5.475	5.295	28000	PRPF19	NM_134129_19_+1
Abhd3	-0.732	-0.524	-2.542	-0.959	-2.655	-3.418	-2.225	-2.816	-1.004	0.189	106861	ABHD3	NM_134130_18_-1
Tnfaip8	7.888	7.803	7.433	7.233	7.461	7.297	7.220	6.506	6.978	6.835	106869	TNFAIP8	NM_134131_18_+1
Smim3	5.958	5.966	5.327	4.748	6.195	5.677	6.250	5.750	5.591	5.691	106878	SMIM3	NM_134133_18_-1
Hmgxb3	0.994	2.976	2.826	3.229	3.120	3.151	3.112	3.052	3.976	3.862	106894	HMGXB3	NM_134134_18_-1
Slc39a3	3.879	3.712	3.166	3.232	3.316	3.490	3.393	3.712	4.252	3.990	106947	SLC39A3	NM_134135_10_-1
Fbxo38	4.636	4.525	5.281	5.081	5.197	5.275	5.384	5.294	6.184	6.233	107035	NA	NM_134136_18_-1
Lars	5.390	5.463	5.948	6.090	5.519	5.865	5.281	5.704	5.295	5.394	107045	LARS	NM_134137_18_-1
Psmg2	5.960	6.287	5.043	5.451	5.440	5.853	5.296	5.714	3.748	4.412	107047	PSMG2	NM_134138_18_+1
Wdr74	6.068	6.092	5.380	5.386	5.304	5.288	5.214	5.337	4.729	4.522	107071	WDR74	NM_134139_19_+1
Ciapin1	5.546	6.149	5.748	5.887	5.384	5.861	5.309	6.010	5.276	5.610	109006	CIAPIN1	NM_134141_8_-1
Tmem109	5.066	5.072	5.124	5.032	5.771	5.562	5.962	5.848	6.791	6.550	68539	TMEM109	NM_134142_19_-1
Macro1	2.918	2.016	1.435	0.553	0.978	0.574	1.449	1.866	3.234	2.808	107227	MACRO1	NM_134147_19_+1
Carns1	2.663	2.471	2.362	2.221	3.100	2.639	2.320	2.164	1.705	0.958	107239	CARNS1	NM_134148_19_-1
Al837181	4.613	4.520	3.726	3.973	3.727	3.934	4.144	4.003	4.253	4.190	107242	C11orf68	NM_134149_19_+1
Otub1	6.614	6.581	6.412	6.492	6.283	6.059	6.076	6.032	6.030	5.683	107260	NA	NM_134150_19_-1
Yars	4.942	5.118	5.068	5.160	4.778	4.856	4.588	4.900	3.978	4.010	107271	YARS	NM_134151_4_+1
Lpxn	5.984	5.411	6.730	6.741	6.898	6.403	6.764	6.392	5.990	5.150	107321	LPXN	NM_134152_19_+1
Slc25a45	5.394	5.472	6.214	6.430	5.958	6.195	6.407	6.570	7.011	7.051	107375	SLC25A45	NM_134154_19_+1
Brms1	6.371	6.084	5.859	5.829	6.071	5.803	6.043	5.864	6.047	5.411	107392	BRMS1	NM_134155_19_+1
Actn1	2.800	1.954	5.415	6.179	4.899	5.138	3.300	3.024	0.795	-0.174	109711	ACTN1	NM_134156_12_-1
Cd300c2	6.775	6.046	6.055	6.376	7.229	7.811	8.022	8.174	7.164	7.217	140497	CD300C	NM_134158_11_-1
Il17rc	-0.901	-1.766	-1.280	-2.420	-3.669	-4.119	-4.140	-2.186	-0.631	0.045	171095	IL17RC	NM_134159_6_+1
Mcoln3	-1.271	-0.102	-3.126	-3.334	-4.963	-2.732	-4.069	-1.123	-4.981	-2.519	171166	MCOLN3	NM_134160_3_+1
Fut10	-2.193	0.654	-3.896	-0.027	-3.184	0.716	-4.275	0.521	-4.102	0.882	171167	FUT10	NM_134161_8_+1
Mbnl3	3.121	3.263	4.344	4.127	4.361	4.002	4.477	3.763	3.712	3.691	171170	MBNL3	NM_134163_X_-1
Syt12	-2.901	-4.981	-2.437	-3.152	-1.807	-2.974	-2.373	-1.570	-1.526	-2.108	171180	SYT12	NM_134164_19_-1
Acot2	2.230	1.691	1.691	1.225	1.049	0.620	1.173	0.998	1.177	0.128	171210	ACOT2	NM_134188_12_+1
Galnt10	2.389	1.934	5.191	4.741	2.694	3.449	4.600	4.793	5.993	5.847	171212	GALNT10	NM_134189_11_+1
Acot4	-2.501	-4.981	-3.069	-3.455	-3.575	-2.860	-2.167	-2.598	-4.981	-2.804	171282	ACOT4	NM_134247_12_+1
Havcr1	-1.340	7.216	-4.214	0.761	-4.887	-1.337	-4.566	-0.550	-4.981	-4.699	171283	NA	NM_134248_11_+1
Timd2	-4.944	-4.761	-4.975	-4.874	-4.780	-4.949	-4.947	-4.933	-4.981	-4.904	171284	NA	NM_134249_11_-1
Havcr2	3.415	4.842	9.046	8.927	7.554	8.361	7.275	7.529	5.578	6.573	171285	HAVCR2	NM_134250_11_+1

Slc12a8	0.951	0.325	-3.325	-4.541	-3.766	-4.736	-3.038	-4.959	-4.450	-4.863	171286	SLC12A8	NM_134251_16_+1
Elov15	6.681	6.318	7.116	7.363	7.350	7.460	7.460	7.362	7.261	7.233	68801	ELOVL5	NM_134255_9_+1
Rgs3	1.565	0.713	5.572	5.664	7.439	7.147	6.362	5.473	6.371	6.211	50780	RGS3	NM_134257_4_+1
Slc26a6	2.783	2.595	2.567	2.306	1.923	2.334	3.371	3.581	4.319	4.276	171429	SLC26A6	NM_134420_9_+1
Il17rd	-4.981	-3.048	-0.738	-2.632	-3.593	-4.482	-1.661	-3.852	-0.172	-0.908	171463	IL17RD	NM_134437_14_+1
Dst	-4.981	-4.981	-3.227	-2.777	-4.902	-4.925	-4.938	-4.791	-2.946	-4.963	13518	NA	NM_134448_1_+1
Fdps	8.740	8.882	6.818	6.427	5.503	5.411	5.788	6.403	5.526	5.779	110196	FDPS	NM_134449_3_+1
Kif2c	-0.864	-2.476	2.170	2.802	2.886	2.484	2.696	1.480	1.588	0.263	73804	KIF2C	NM_134471_4_+1
Trpm2	1.419	-2.533	7.937	7.977	5.800	5.786	4.977	5.035	4.520	4.295	28240	TRPM2	NM_138301_10_+1
Tymp	0.548	0.455	0.175	0.435	-0.143	-0.419	-0.456	-0.378	0.536	0.598	72962	TYMP	NM_138302_15_+1
Yipf2	4.040	3.217	2.710	3.085	2.327	2.789	2.142	1.980	2.024	2.353	74766	YIPF2	NM_138303_9_+1
Calml4	-4.981	-4.981	-4.511	-4.884	-4.591	-3.090	-3.804	1.360	-2.834	2.528	75600	CALML4	NM_138304_9_+1
Adcy3	-0.903	0.313	-3.206	-0.979	-0.309	-2.205	-0.733	-0.052	-0.402	-2.283	104111	ADCY3	NM_138305_12_+1
Dgkz	4.577	5.327	4.552	4.988	4.847	4.865	5.624	5.849	7.549	7.053	104418	DGKZ	NM_138306_2_+1
Cd99l2	-0.287	0.282	1.531	2.498	-2.954	-4.453	0.619	1.016	2.487	2.997	171486	CD99L2	NM_138309_X_+1
Apobr	1.825	1.168	6.825	6.774	6.544	6.669	6.328	6.085	7.000	6.645	171504	APOBR	NM_138310_7_+1
Fam172a	2.607	3.460	1.864	2.283	2.729	2.816	1.092	2.339	1.988	2.726	68675	FAM172A	NM_138312_13_+1
Bmf	1.972	1.653	4.052	4.025	3.807	3.530	4.826	4.195	4.297	4.122	171543	BMF	NM_138313_2_+1
Nme7	3.231	3.360	2.033	2.387	2.105	2.767	1.764	2.438	2.152	1.969	171567	NME7	NM_138314_1_+1
Mical1	4.268	4.184	6.473	6.459	6.934	6.847	6.590	6.369	6.384	6.166	171580	MICAL1	NM_138315_10_+1
Triobb	-2.429	-2.245	-3.136	-3.289	-2.213	-3.959	-3.131	-3.621	-2.079	-2.300	110253	TRIOBP	NM_138579_15_+1
Nelfe	4.584	4.536	4.428	4.436	4.401	4.393	4.197	3.982	3.718	3.547	27632	NELFE	NM_138580_17_+1
1700088E04Rik	-2.227	-3.112	-4.468	-4.057	-4.984	-4.739	-4.792	-4.957	-2.382	-3.888	27660	C22orf23	NM_138581_15_+1
Vva7	-1.644	-0.938	-4.048	-4.652	-4.939	-4.939	-3.381	-4.622	-2.552	-3.758	27762	VVA7	NM_138582_17_+1
Tango2	5.415	5.359	4.860	5.049	4.683	4.917	4.687	4.867	4.903	4.697	27883	TANGO2	NM_138583_16_+1
Spg21	6.292	6.278	7.690	7.765	7.021	7.188	7.029	7.234	7.945	7.739	27965	SPG21	NM_138584_9_+1
Cherp	4.436	4.521	5.206	5.173	5.273	5.174	5.001	5.031	5.632	5.325	27967	CHERP	NM_138585_8_+1
Exosc5	6.755	6.436	6.230	5.874	6.705	6.756	6.383	5.820	4.976	4.460	27998	EXOSC5	NM_138586_7_+1
Fam3c	8.274	8.354	3.982	4.085	4.332	4.495	4.615	4.805	4.198	5.011	27999	FAM3C	NM_138587_6_+1
Ubfd1	5.326	5.463	6.459	6.578	5.186	5.239	5.124	5.422	5.056	5.129	28018	UBFD1	NM_138589_7_+1
Zcchc7	6.370	6.673	5.896	5.867	6.105	6.553	5.742	5.841	4.854	4.943	319885	ZCCHC7	NM_138590_4_+1
Gfm1	4.130	4.365	4.985	5.005	4.619	4.536	4.457	4.460	4.782	4.515	28030	GFM1	NM_138591_3_+1
Usp39	5.318	5.215	5.255	5.339	5.658	5.339	5.590	5.322	5.376	5.026	28035	USP39	NM_138592_6_+1
Larp7	5.307	5.286	5.224	5.448	5.503	5.608	5.409	5.421	4.318	4.432	28036	LARP7	NM_138593_3_+1
D6Wsu163e	5.244	5.158	3.895	4.211	4.028	4.119	4.248	4.066	4.228	4.057	28040	C12orf4	NM_138594_6_+1
Med10	8.203	6.977	6.341	5.875	6.294	5.932	6.329	5.850	5.371	5.205	28077	MED10	NM_138596_13_+1
Atp5o	7.863	7.643	7.248	7.452	7.122	7.186	7.450	7.551	6.628	6.568	28080	ATP5O	NM_138597_16_+1
Fam104a	6.031	6.013	5.984	5.935	6.184	6.018	6.181	6.046	5.526	5.561	28081	FAM104A	NM_138598_11_+1
Tomm70a	6.560	6.433	7.068	6.929	6.438	6.502	6.407	6.375	6.109	6.215	28185	TOMM70	NM_138599_16_+1
Aldh7a1	2.079	1.330	0.914	1.902	1.629	2.114	0.982	2.578	-0.099	-0.500	110695	ALDH7A1	NM_138600_18_+1
D10Jhu81e	5.124	5.097	4.811	4.865	4.679	4.871	4.425	4.390	4.411	4.214	28295	C21orf33 LOC1027	NM_138601_10_+1
Praf2	4.846	4.911	4.889	4.684	3.960	4.136	3.573	4.127	3.313	3.104	54637	PRAF2	NM_138602_X_+1
Ccdc22	4.099	4.312	3.804	3.630	3.837	3.715	4.409	4.379	3.368	4.876	54638	CCDC22	NM_138603_X_+1
Otud5	2.918	2.779	4.818	4.825	4.074	4.267	4.489	4.977	6.148	6.156	54644	NA	NM_138604_X_+1
Ppp1r3f	-1.055	-0.344	-0.963	-0.334	0.611	0.195	-1.056	-0.685	0.176	-0.191	54646	PPP1R3F	NM_138605_X_+1
Pim2	7.532	7.248	3.681	5.384	2.733	4.585	3.301	5.067	3.024	3.660	18715	PIM2	NM_138606_X_+1
Fam50a	6.504	6.399	5.978	6.155	6.098	6.194	6.218	6.091	5.675	5.563	108160	FAM50A	NM_138607_X_+1
Txlnb	1.253	1.798	-1.910	-1.967	0.559	-0.190	-0.717	-1.887	-2.305	-1.489	378431	TXLNB	NM_138628_10_+1
Arhgap4	3.819	4.473	4.261	5.352	4.975	5.482	4.741	5.785	5.955	6.350	171207	ARHGAP4	NM_138630_X_+1
Tssc4	0.194	0.207	-1.111	-0.377	-0.429	-0.342	-0.174	0.329	-0.481	-0.336	56844	TSSC4	NM_138631_7_+1
Hps4	3.298	3.068	4.228	4.619	3.297	3.368	3.360	3.448	3.743	3.713	192232	HPS4	NM_138646_5_+1
Cers1	-1.224	-1.521	-4.967	-4.967	-4.974	-4.897	-4.981	-4.981	-4.981	-4.981	93898	CERS1	NM_138647_8_+1
Olr1	-1.325	-0.671	-1.983	-2.817	-4.886	-4.951	-1.470	-2.445	3.201	-0.286	108078	OLR1	NM_138648_6_+1
Dgkg	-4.981	-3.267	0.590	1.746	-3.161	-3.599	3.006	3.654	6.016	6.046	110197	DGKG	NM_138650_16_+1
Cds2	4.205	4.892	3.401	2.908	3.779	3.536	3.586	3.652	4.760	4.379	110911	CDS2	NM_138651_2_+1
Bspry	-1.058	-4.981	-4.707	-2.565	-3.717	-3.221	-3.987	-2.533	-3.373	-4.981	192120	BSPRY	NM_138653_4_+1
Sugct	-1.085	0.983	-1.316	-2.303	-1.618	-2.103	-1.551	-1.872	-2.333	-2.629	192136	SUGCT	NM_138654_13_+1
Tmc2	-4.981	-4.981	-4.948	-4.948	-4.149	-4.881	-4.981	-4.981	-4.981	-4.981	192140	TMC2	NM_138655_2_+1
Mvd	5.468	5.326	3.772	3.280	3.881	3.698	4.293	4.104	4.607	4.914	192156	MVD	NM_138656_8_+1
Socs7	2.863	2.846	2.967	2.649	2.588	2.016	2.383	2.326	2.433	2.403	192157	SOC57	NM_138657_11_+1
Prpf8	6.021	5.967	6.500	6.527	6.823	6.653	6.522	6.438	6.628	6.704	192159	PRPF8	NM_138659_11_+1
Casc3	4.664	4.493	5.708	5.639	5.787	5.813	5.880	5.502	6.074	5.830	192160	CASC3	NM_138660_11_+1
Dnajc28	1.123	1.130	1.413	1.379	1.237	1.050	1.340	1.758	1.908	2.196	246738	DNAJC28	NM_138664_16_+1
Sardh	1.101	-1.260	-4.996	-3.719	-3.530	-4.640	-4.877	-4.388	-4.981	-1.969	192166	SARDH	NM_138665_2_+1
Tab2	5.355	5.513	5.715	5.721	5.954	5.899	5.972	5.681	6.173	6.057	68652	TAB2	NM_138667_10_+1
Ufsp2	5.929	5.968	6.070	6.151	6.389	6.209	6.195	5.908	5.741	5.900	192169	UFS2	NM_138668_8_+1
Eif4a3	7.833	7.825	7.667	7.645	7.803	7.666	7.521	7.504	7.250	6.881	192170	EIF4A3	NM_138669_11_+1
Mpst	-4.584	-4.349	-4.804	-2.242	-4.884	-3.949	-4.713	-4.840	-2.164	-4.906	246221	MPST	NM_138670_15_+1
Nadk	3.851	3.490	5.879	5.932	7.738	7.699	8.406	8.432	9.693	9.813	192185	NADK	NM_138671_4_+1
Stab1	-3.673	-4.981	-2.899	-3.694	-0.527	1.263	-0.638	0.664	1.090	0.758	192187	STAB1	NM_138672_14_+1
Stab2	0.493	-0.639	1.554	1.894	1.407	1.659	1.134	2.293	0.009	0.226	192188	STAB2	NM_138673_10_+1
Pkhd11l1	-4.981	-2.437	-4.937	-2.903	-3.289	-0.813	-3.383	-0.499	-4.981	-2.885	192190	PKHD11L1	NM_138674_15_+1
Med9	5.325	5.057	4.959	4.843	4.831	4.697	4.700	4.470	3.894	3.956	192191	MED9	NM_138675_11_+1
Shkbp1	4.286	4.265	5.167	5.053	4.851	4.760	4.858	4.727	5.624	5.305	192192	SHKBP1	NM_138676_7_+1

EDEM1	5.979	6.204	6.766	6.958	6.691	7.352	7.148	8.079	8.117	8.722	192193	EDEM1	NM_138677_6_+1	
Btnl10	-4.981	-4.981	-4.960	-1.327	-3.179	-2.039	-4.698	-0.914	-2.552	-2.125	192194	NA	NM_138678_11_+1	
Ash11	5.783	5.917	6.004	5.999	6.529	6.533	6.130	6.009	5.595	5.703	192195	ASH11	NM_138679_3_+1	
Luc7l2	4.500	4.317	3.518	3.337	3.900	3.897	3.910	2.885	2.983	3.325	192196	LUC7L2	NM_138680_6_+1	
Bcas3	-4.034	-3.270	-1.411	-3.037	-1.631	-1.883	-4.595	-4.884	-4.361	-4.454	192197	BCAS3	NM_138681_11_+1	
Lrrc4	-4.981	-2.895	-4.218	-3.792	-2.557	-4.279	-2.719	-4.264	-3.471	-2.895	192198	LRRC4	NM_138682_6_-1	
Rspo1	-3.563	-4.981	-4.223	-3.941	-4.401	-4.353	-1.886	-3.023	3.639	0.516	192199	RSPO1	NM_138683_4_+1	
Gnb5	1.228	2.292	0.929	1.500	1.088	0.923	0.384	0.477	0.990	1.201	14697	GNB5	NM_138719_9_+1	
Lsm10	5.494	5.617	4.788	4.759	5.165	4.776	5.530	5.060	5.372	5.057	116748	LSM10	NM_138721_4_+1	
Sdpr	1.003	-4.981	-1.460	0.358	-1.710	-1.864	-1.626	-1.049	0.094	-1.832	20324	SDPR	NM_138741_1_+1	
Nap1l3	3.158	2.926	-0.958	-1.164	-2.853	-1.646	-3.663	-2.512	-4.981	-3.855	54561	NAP1L3	NM_138742_X_-1	
Smim11	6.603	6.553	5.099	5.197	5.069	5.410	5.494	5.297	4.185	4.485	68936	NA	NM_138743_16_+1	
Ssx2ip	2.038	0.484	2.369	3.264	0.843	1.840	-0.658	1.938	1.831	2.350	99167	SSX2IP	NM_138744_3_+1	
Mthfd1	3.381	3.855	4.294	4.915	4.846	5.116	4.350	5.460	3.701	3.746	108156	MTHFD1	NM_138745_12_+1	
Nop2	4.503	4.473	5.446	5.807	5.166	5.185	4.844	4.984	4.876	4.381	110109	NOP2	NM_138747_6_+1	
Ptpa	5.286	5.181	5.997	6.387	5.929	6.166	5.796	5.932	5.742	6.206	110854	PTPA	NM_138748_2_+1	
Plxnb2	4.715	4.079	3.529	2.338	5.939	5.652	5.433	5.983	7.752	7.994	140570	PLXNB2	NM_138749_15_-1	
Prom2	-4.981	-4.981	-3.486	-4.494	-3.573	-4.647	-3.646	-4.726	-4.690	-4.981	192212	PROM2	NM_138750_2_-1	
Plekhg2	0.735	0.336	0.112	0.902	2.123	1.240	1.851	2.024	2.432	2.605	101497	PLEKHG2	NM_138752_7_-1	
Hexim1	3.638	3.689	2.744	2.642	3.295	3.298	3.966	3.469	3.031	3.323	192231	HEXIM1	NM_138753_11_+1	
Phf21a	2.813	2.132	1.747	2.366	3.422	3.362	3.176	2.654	3.067	2.795	192285	PHF21A	NM_138755_2_+1	
Slc25a36	4.000	4.016	4.300	4.270	4.027	4.193	4.310	4.387	4.640	5.310	192287	SLC25A36	NM_138756_9_-1	
Asun	5.260	5.359	4.288	4.474	4.093	4.390	4.021	4.559	4.615	5.002	71177	ASUN	NM_138757_6_-1	
Zfp286	1.506	1.788	0.016	0.822	0.368	0.574	-0.326	0.574	-1.331	0.241	192651	ZNF286A	NM_138949_11_-1	
Wdr81	4.814	4.775	4.744	4.704	4.671	4.728	4.348	4.373	4.972	5.092	192652	WDR81	NM_138950_11_-1	
Ttc36	-4.981	-4.981	-1.637	-2.967	-1.413	-2.640	-0.788	-4.027	-2.012	-2.396	192653	TTC36	NM_138951_9_-1	
Ripk2	3.855	4.019	2.995	3.095	4.910	5.060	4.907	4.535	4.762	4.837	192656	RIPK2	NM_138952_4_-1	
Eliz	4.762	4.167	4.304	4.616	4.294	4.643	4.497	4.935	4.058	4.729	192657	ELL2	NM_138953_13_+1	
Abcg4	-4.981	-1.620	-4.841	-0.814	-2.573	-0.169	-2.630	0.035	-2.780	-0.274	192663	ABCG4	NM_138955_9_-1	
Rassf3	3.729	4.633	5.683	6.411	5.573	6.107	5.870	6.468	7.177	8.082	192678	RASSF3	NM_138956_10_-1	
Nr5a1	-4.981	-4.981	-3.498	-4.156	-3.944	-4.172	-4.955	-2.699	-4.981	-4.981	26423	NR5A1	NM_139051_2_-1	
Csnk1d	5.562	6.097	6.051	5.886	6.144	6.190	5.808	5.828	5.981	5.739	104318	CSNK1D	NM_139059_11_-1	
Vps54	3.374	3.910	2.974	2.896	2.823	2.941	4.106	3.977	5.072	5.006	245944	VPS54	NM_139061_11_+1	
Bloc155	4.906	5.058	3.933	4.232	3.580	3.988	3.687	4.128	3.388	3.503	17828	BLOC155	NM_139063_13_-1	
Tnip2	4.837	4.991	5.734	5.690	5.560	5.624	5.491	5.298	5.168	5.381	231130	TNIP2	NM_139064_5_-1	
Rbm47	-2.887	-3.832	-3.308	-3.304	-4.933	-3.774	-1.897	-2.414	-4.410	-3.759	245945	RBM47	NM_139065_5_-1	
Ybx3	5.498	4.824	3.794	3.818	3.329	3.078	3.823	4.436	4.139	4.494	56449	YBX3	NM_139117_6_-1	
Adgre4	3.531	-0.060	3.247	2.788	4.815	4.040	8.720	9.312	8.927	9.955	52614	NA	NM_139138_17_+1	
Dnajc17	4.992	4.824	3.698	2.792	3.846	3.123	3.651	2.702	2.970	1.829	69408	DNAJC17	NM_139139_2_-1	
Spats2	-3.349	-2.600	0.638	1.961	2.966	3.574	1.005	0.876	-4.981	-2.255	72572	SPATS2	NM_139140_15_+1	
Zkscan8	1.512	1.108	2.805	2.331	2.735	3.411	1.889	2.063	1.935	3.037	93681	ZKSCAN8	NM_139141_13_-1	
Slc6a20a	-4.981	-4.981	0.205	0.657	0.248	-0.224	0.824	0.583	-2.659	-1.381	102680	NM_139142_9_-1	SLC6A20	NM_139142_9_-1
Slc39a6	4.277	4.310	4.298	4.352	4.964	4.980	4.541	4.563	4.191	4.458	106957	SLC39A6	NM_139143_18_-1	
Ogt	6.785	7.313	7.018	6.766	6.682	7.021	6.530	6.783	6.932	7.291	108155	OGT	NM_139144_X_+1	
Hlcs	2.983	2.516	4.549	4.424	5.315	5.197	5.139	4.656	5.677	5.062	110948	HLCS	NM_139145_16_-1	
Satb2	-3.668	-1.972	-1.493	-0.912	-2.618	-1.751	-1.229	-0.125	0.508	0.662	212712	SATB2	NM_139146_1_-1	
Rab40b	-4.981	-4.981	-3.276	-2.229	-4.474	-4.520	-4.921	-4.264	-4.981	-4.981	217371	RAB40B	NM_139147_11_-1	
Fus	5.820	5.618	5.966	5.853	6.565	6.385	5.893	5.583	5.385	4.922	233908	NA	NM_139149_7_+1	
Carf	-1.417	1.422	0.209	-1.975	-0.062	-0.079	-1.264	-1.982	-2.334	-1.319	241066	CARF	NM_139150_1_+1	
Spag4	-2.355	-2.587	-1.418	-2.636	-2.950	-2.712	-2.862	-2.552	-3.134	-2.734	245865	SPAG4	NM_139151_2_+1	
Agap3	3.884	3.666	4.272	4.184	3.830	3.724	4.136	3.982	4.450	4.270	213990	AGAP3	NM_139153_5_+1	
Rab40c	4.115	3.910	3.924	3.996	4.236	4.352	4.013	4.009	4.451	4.190	224624	RAB40C	NM_139154_17_-1	
Gbgt1	-1.321	-3.315	-3.604	-4.387	-2.801	-4.499	-2.790	-0.381	-1.438	0.485	227671	GBGT1	NM_139197_2_+1	
Plac8	11.501	11.285	9.885	9.139	8.916	8.929	9.566	9.857	10.682	10.568	231507	PLAC8	NM_139198_5_-1	
Cytip	8.545	8.965	8.626	8.091	9.416	9.779	9.094	9.258	9.797	10.295	227929	CYTIP	NM_139200_2_-1	
Arap3	-4.981	-1.949	-0.166	0.712	-1.499	-0.396	0.627	1.424	3.326	2.960	106952	ARAP3	NM_139206_18_-1	
Dppa3	-4.981	-4.981	-4.947	-4.947	-4.624	-4.853	-1.746	-4.914	-2.335	-4.981	73708	NA	NM_139218_6_+1	
Atxn7	4.485	4.632	4.470	4.336	4.414	4.510	4.573	4.381	4.774	5.119	246103	ATXN7	NM_139227_14_+1	
Rhbdl3	-4.981	-0.574	-1.767	-1.720	-1.299	-2.048	-2.657	-2.940	-2.780	-1.989	246104	RHBDL3	NM_139228_11_+1	
Cog8	5.451	5.551	5.123	5.343	5.397	5.494	5.361	5.413	5.525	5.363	97484	COG8	NM_139229_8_-1	
Fgd4	-1.366	-0.820	-3.154	-1.006	-2.177	-2.213	-0.636	-1.518	2.742	3.483	224014	FGD4	NM_139232_16_-1	
Nol6	3.247	3.223	4.000	3.893	4.015	3.809	3.647	3.835	4.809	4.206	230082	NOL6	NM_139236_4_-1	
Pla2g16	7.189	6.965	7.001	7.128	4.855	5.375	5.021	5.359	3.370	4.117	225845	PLA2G16	NM_139269_19_+1	
Galnt2	5.145	5.035	4.039	4.195	3.701	3.729	3.734	4.305	5.128	5.386	108148	GALNT2	NM_139272_8_+1	
Cdc26	6.432	6.431	5.833	5.799	5.724	5.719	5.784	5.713	4.969	5.057	66440	CDC26	NM_139291_4_-1	
Reep6	-4.981	-4.981	-4.797	-4.898	-4.833	-4.627	-4.722	-4.962	-4.867	-4.981	70335	REEP6	NM_139292_10_+1	
Braf	3.666	3.514	3.967	3.825	4.010	3.991	4.072	3.907	5.298	5.538	109880	BRAF	NM_139294_6_-1	
Mcf2	6.359	6.747	5.832	6.147	5.682	6.090	5.721	6.205	5.989	6.467	193813	MCFD2	NM_139295_17_-1	
Ugp2	0.969	1.440	2.390	2.741	1.900	2.014	1.979	2.270	2.239	3.745	216558	UGP2	NM_139297_11_-1	
Il31ra	-1.987	-3.267	0.679	-0.307	2.944	2.455	2.578	1.858	1.818	1.707	218624	IL31RA	NM_139299_13_-1	
Mylk	-2.505	-3.267	-3.386	-1.611	-2.730	-2.575	-1.550	-2.494	-1.347	-0.170	107589	MYLK	NM_139300_16_+1	
Sh3glb2	3.973	4.278	3.513	3.488	3.669	3.667	3.688	3.923	4.110	3.791	227700	SH3GLB2	NM_139302_2_-1	
Kif18a	1.675	1.862	1.894	2.068	2.473	2.143	2.274	1.887	-0.043	0.205	228421	KIF18A	NM_139303_2_+1	
Gatad2b	2.381	2.192	2.485	2.246	2.526	2.347	1.929	1.504	1.692	1.423	229542	GATAD2B	NM_139304_3_+1	

Car9	3.874	3.679	4.110	3.947	4.100	3.954	3.922	3.383	1.974	1.779	230099	CA9	NM_139305_4_+1
Acer2	-4.318	-1.355	-3.757	-4.911	-3.554	-1.857	-3.113	-2.300	-1.089	0.519	230379	ACER2	NM_139306_4_+1
Vasn	0.652	-0.076	0.214	-0.059	-0.300	-0.814	0.414	-0.438	0.475	-0.335	246154	VASN	NM_139307_16_+1
Stard7	5.360	5.186	6.341	6.518	7.494	7.336	7.092	6.735	6.001	6.039	99138	STARD7	NM_139308_2_+1
Fktn	2.679	3.193	2.213	2.455	2.248	2.417	1.384	2.001	1.657	2.354	246179	FKTN	NM_139309_4_+1
Mllt6	3.098	3.023	4.026	4.269	4.452	4.525	3.999	3.437	2.203	2.287	246198	MLLT6	NM_139311_11_+1
Dph1	4.955	4.437	4.560	4.428	4.285	4.108	4.428	4.263	4.636	3.797	116905	DPH1	NM_144491_11_-1
Osbp12	5.581	5.424	4.910	4.945	4.732	4.887	4.843	5.132	5.719	5.883	228983	OSBPL2	NM_144500_2_+1
Arl6ip4	6.872	6.680	5.896	5.850	6.122	5.948	5.853	5.794	5.325	4.878	65105	ARL6IP4	NM_144509_5_+1
Slc6a13	1.780	0.881	3.663	3.998	5.475	5.718	4.442	2.922	0.856	-1.791	14412	SLC6A13	NM_144512_6_+1
Commd1	6.770	6.626	6.360	6.497	6.036	6.092	6.247	6.207	5.571	5.429	17846	COMMD1	NM_144514_11_-1
Zfp52	4.221	4.013	4.097	3.804	4.894	4.960	5.110	4.689	4.496	4.933	22710	NA	NM_144515_17_+1
Zmynd11	4.216	3.944	4.445	4.020	4.601	4.062	4.370	4.399	4.119	4.485	66505	ZMYND11	NM_144516_13_-1
Tbc1d19	3.960	4.078	2.992	3.130	2.587	3.497	2.270	2.640	1.020	1.635	67249	TBC1D19	NM_144517_5_+1
2900011008Rik	-4.981	-4.981	-4.972	-4.972	-4.134	-4.555	-4.194	-4.927	-4.981	-4.981	67254	C16orf45	NM_144518_16_+1
Zfp639	3.598	3.303	3.078	3.089	2.929	3.156	3.889	3.612	3.437	3.477	67778	ZNF639	NM_144519_3_+1
Sec14l2	-3.668	-1.951	-3.042	-0.392	-3.181	0.007	-2.438	0.957	-2.065	-1.215	67815	SEC14L2	NM_144520_11_-1
Snap47	3.606	3.245	3.628	4.838	3.095	3.949	2.169	3.497	1.881	2.932	67826	SNAP47	NM_144521_11_-1
Tbc1d10b	4.164	4.111	4.930	4.747	5.398	5.055	5.708	5.522	6.595	6.375	68449	TBC1D10B	NM_144522_7_-1
Zfp622	5.791	5.812	5.782	5.907	5.987	6.010	6.008	5.891	5.647	5.710	52521	ZNF622	NM_144523_15_+1
Angel1	2.584	2.383	1.780	2.184	1.319	1.834	0.737	1.203	-0.636	1.707	68737	ANGEL1	NM_144524_12_-1
Tmem214	6.159	5.822	5.699	5.739	4.752	4.802	5.043	5.339	5.407	5.408	68796	TMEM214	NM_144525_5_+1
Fam64a	-0.394	-2.137	2.380	2.293	3.278	2.321	2.908	0.088	0.626	-0.018	109212	FAM64A	NM_144526_11_+1
Cep85	3.413	2.816	3.215	2.404	3.428	2.772	3.323	2.934	3.606	2.776	70012	CEP85	NM_144527_4_-1
Rnf126	4.054	3.857	3.812	3.931	4.025	3.899	3.786	3.619	4.105	3.746	70294	RNF126	NM_144528_10_-1
Arhgap17	3.060	3.569	2.829	2.160	1.547	1.408	2.638	2.758	4.403	4.679	70497	ARHGAP17	NM_144529_7_-1
Zc3h11a	3.719	3.989	4.929	4.443	4.637	4.454	4.457	4.863	4.423	5.252	70579	ZC3H11A	NM_144530_1_-1
Kazn	-4.981	-4.981	-2.249	-1.119	-1.968	-1.864	-2.061	-1.865	-3.531	-4.981	71529	KAZN	NM_144531_4_-1
Cabp4	-2.164	-4.981	2.801	3.293	1.187	0.583	2.498	2.684	-0.562	0.281	73660	CABP4	NM_144532_19_-1
Nmnat3	3.270	2.580	3.450	3.558	2.351	1.973	2.790	3.035	2.956	2.182	74080	NA	NM_144533_9_+1
Tmem38a	1.410	1.374	0.857	0.803	1.555	1.315	1.543	1.377	2.644	2.673	74166	TMEM38A	NM_144534_8_+1
Ap5m1	4.690	5.075	4.665	4.625	4.474	4.409	4.536	4.656	4.838	5.208	74385	AP5M1	NM_144535_14_+1
Cdkal1	4.599	4.925	4.379	4.402	4.865	4.949	4.581	4.373	4.154	3.870	68916	CDKAL1	NM_144536_13_-1
Rab3il1	2.861	2.319	3.873	4.047	2.297	2.791	2.864	4.571	2.384	2.595	74760	RAB3IL1	NM_144538_19_+1
Slamf7	6.013	5.614	9.145	7.973	8.959	8.243	8.579	7.019	4.435	1.118	75345	SLAMF7	NM_144539_1_-1
Bre	5.113	5.028	4.684	4.787	4.758	4.563	5.023	4.922	5.557	5.023	107976	BRE	NM_144541_5_+1
Thyn1	5.931	5.845	4.936	5.014	4.883	4.893	4.683	4.621	3.560	3.558	77862	THYN1	NM_144543_9_+1
Eif3j1	5.131	4.834	5.036	4.745	4.923	4.544	5.142	4.666	4.639	4.374	78655	EIF3J	NM_144545_2_+1
Zfp119a	4.000	2.721	3.706	3.050	3.519	3.008	3.415	2.814	3.026	3.478	104349	NA	NM_144546_17_-1
Amhr2	-4.981	-4.981	-4.956	-4.956	-4.555	-4.019	-3.326	-4.825	-1.932	-4.981	110542	AMHR2	NM_144547_15_+1
Il23r	-1.884	-4.981	-3.577	-0.884	-2.472	-1.563	-4.955	-3.551	-4.981	-4.981	209590	IL23R	NM_144548_6_-1
Trib1	7.755	8.073	6.816	5.925	2.445	2.398	5.343	5.027	5.937	5.941	211770	TRIB1	NM_144549_15_+1
Spice1	2.132	2.590	2.946	2.709	2.375	2.671	3.108	3.419	3.352	3.895	212514	SPICE1	NM_144550_16_+1
Trib2	-0.475	-4.981	-2.554	1.077	-1.772	1.910	-0.371	3.093	-3.925	0.178	217410	TRIB2	NM_144551_12_-1
Stxbp6	-0.796	-1.814	0.076	0.316	-0.222	-0.790	3.476	3.989	6.780	6.854	217517	STXBP6	NM_144552_12_-1
Dlgap5	0.396	3.829	2.843	3.825	3.550	3.984	3.065	3.012	1.749	1.545	218977	DLGAP5	NM_144553_14_-1
Lgi4	-4.981	-4.981	-2.659	-4.360	-4.978	-4.923	-1.487	-0.722	-0.578	-0.220	243914	LG14	NM_144556_7_+1
Myrip	-0.989	-0.445	-3.908	-3.919	-4.981	-4.981	-4.978	-4.343	-4.981	-4.981	245049	MYRIP	NM_144557_9_+1
Bivm	2.734	2.994	3.174	2.625	2.035	2.149	2.273	2.149	2.691	3.376	246229	BIVM	NM_144558_1_+1
Fcgr4	2.386	0.821	3.235	2.414	4.240	4.512	6.754	6.041	5.441	3.834	246256	FCGR3A FCGR3B	NM_144559_1_+1
Gas2l1	0.010	-0.611	1.984	2.160	0.380	0.319	0.461	1.322	2.963	3.981	78926	GAS2L1	NM_144560_11_-1
Galnt7	3.510	3.277	5.859	5.929	3.104	2.355	3.130	3.481	3.972	4.366	108150	GALNT7	NM_144731_8_-1
Acat1	7.118	7.138	6.383	6.476	6.379	6.520	6.371	6.529	6.266	6.355	110446	ACAT1	NM_144784_9_-1
Ggt7	-1.316	-4.981	-0.997	-4.445	-2.730	-3.526	-3.604	-2.573	-4.981	-4.981	207182	GGT7	NM_144786_2_-1
Kdm4c	4.615	4.379	4.389	4.334	4.748	4.815	4.401	4.545	4.910	5.050	76804	KDM4C	NM_144787_4_+1
Hectd1	5.888	5.947	6.421	6.305	6.379	6.402	6.093	6.083	6.198	6.338	207304	HECTD1	NM_144788_12_-1
Prdm15	3.658	3.765	2.584	2.298	2.690	2.268	2.324	2.809	3.225	3.294	114604	PRDM15	NM_144789_16_-1
Tor1a1p1	-2.249	1.063	-1.407	-2.552	-3.910	-3.194	-4.678	-1.608	-0.390	-1.668	208263	TOR1A1P1	NM_144791_1_-1
Sgms1	4.570	4.726	3.408	2.840	0.124	-2.256	2.752	2.487	3.567	3.085	208449	SGMS1	NM_144792_19_-1
Slc25a38	4.866	4.716	6.219	6.224	5.133	5.231	5.341	5.347	5.534	5.075	208638	SLC25A38	NM_144793_9_+1
Tmem63a	5.579	5.654	3.751	3.754	3.849	3.973	3.627	3.788	5.233	4.818	208795	TMEM63A	NM_144794_1_+1
Pycr1	-2.026	-2.078	-2.881	-3.428	-3.216	-2.432	-1.156	0.150	-0.572	-2.238	209027	PYCR1	NM_144795_11_-1
Susd4	-4.981	-4.981	-4.931	-4.128	-2.585	-2.502	-4.954	-4.660	-4.981	-2.993	96935	SUSD4	NM_144796_1_+1
Metrnl	1.858	1.316	5.788	5.641	5.776	5.957	7.522	8.020	9.138	9.041	210029	METRNL	NM_144797_11_+1
Slc30a6	4.320	4.842	4.006	4.278	4.245	4.270	4.082	4.188	4.052	4.354	210148	SLC30A6	NM_144798_17_+1
Lmcd1	-3.189	-2.160	-4.797	-2.027	-4.508	-2.400	-4.979	-2.013	-4.190	-3.498	30937	LMCD1	NM_144799_6_+1
Mtss1	5.528	5.376	0.216	1.756	-0.685	1.111	2.136	2.886	3.692	2.946	211401	MTSS1	NM_144800_15_-1
Tmem143	1.169	1.573	1.231	0.789	1.664	1.665	1.516	0.609	1.558	1.237	70209	TMEM143	NM_144801_7_+1
Hnrnp11	-0.340	-1.578	5.596	5.706	5.314	5.211	5.198	5.284	5.699	6.061	72692	HNRNP11	NM_144802_17_-1
Chrna2	-1.630	-0.525	-2.845	-4.194	-3.290	-2.583	-3.846	-2.347	-0.901	-1.292	110902	CHRNA2	NM_144803_14_+1
Depdc7	-4.981	2.250	4.644	5.157	4.197	3.312	5.251	5.133	3.595	5.038	211896	DEPDC7	NM_144804_2_-1
Tmem40	-3.794	-1.459	-1.747	-0.933	-2.014	-1.476	-1.774	-1.452	0.161	-1.776	94346	TMEM40	NM_144805_6_-1
Prpsap2	3.467	3.864	4.214	4.176	3.530	3.729	2.656	3.829	3.045	3.407	212627	PRPSAP2	NM_144806_11_-1
Chpt1	1.524	2.470	2.772	2.723	1.328	0.951	2.091	2.163	3.011	3.718	212862	CHPT1	NM_144807_10_-1

Slc39a14	2.965	3.104	0.581	0.159	0.655	0.866	0.644	1.419	0.995	2.007	213053	SLC39A14	NM_144808_14_-1
Prdm9	1.485	1.810	1.838	2.253	2.587	2.920	2.604	2.247	1.916	2.892	213389	PRDM9	NM_144809_17_-1
Klhdc8a	-4.981	-4.981	-1.615	-1.807	-4.351	-4.204	-4.365	-4.951	-4.981	-4.981	213417	KLHDC8A	NM_144810_1_+1
Cbx7	4.464	2.379	3.494	1.332	4.425	2.716	4.342	2.253	4.394	2.694	52609	CBX7	NM_144811_15_-1
Tnrc6b	5.510	5.358	5.093	4.696	5.923	5.842	5.539	5.137	4.432	4.459	213988	TNRC6B	NM_144812_15_+1
Slc24a1	-4.981	-4.981	-1.309	-3.523	-3.229	-2.871	-2.568	-3.776	-1.949	-3.236	214111	SLC24A1	NM_144813_9_-1
Rcor3	3.428	3.246	1.941	1.547	2.416	1.066	1.611	1.737	1.015	2.350	214742	NA	NM_144814_1_-1
Cecr5	3.689	4.088	3.813	3.966	3.649	4.234	3.835	4.190	4.719	4.911	214932	CECR5	NM_144815_6_-1
Rhbdl1	-1.774	-1.049	-1.168	-1.230	-1.812	-1.590	-2.173	-1.848	-1.309	0.187	214951	RHBDL1	NM_144816_17_-1
Ncaph	-1.629	-2.997	2.823	2.629	3.752	2.931	3.146	2.060	1.517	1.390	215387	NCAPH	NM_144818_2_-1
Ccdc92	-1.255	-1.780	-0.751	0.408	-0.043	0.314	-1.013	0.324	-1.152	-0.068	215707	CCDC92	NM_144819_5_-1
Ccdc28a	4.783	5.040	3.244	3.662	3.514	3.956	3.157	3.597	2.580	3.397	215814	CCDC28A	NM_144820_10_-1
Mfsd4b1	-4.981	-4.981	-4.954	-4.846	-4.983	-4.966	-4.977	-4.840	-3.531	-4.316	215929	MFSD4B	NM_144821_10_-1
Micu1	4.432	4.378	4.945	4.802	5.250	5.413	5.461	5.301	4.915	4.903	216001	MICU1	NM_144822_10_+1
Acsl6	-4.981	-4.981	-4.987	-4.607	-4.954	-4.854	-4.918	-4.512	-4.981	-4.626	216739	ACSL6	NM_144823_11_+1
Wrap53	3.803	3.693	3.150	3.104	3.691	3.587	3.539	3.383	3.570	3.474	216853	WRAP53	NM_144824_11_-1
Taok1	5.743	5.605	5.852	5.425	6.052	5.939	5.900	5.479	5.575	5.763	216965	TAOK1	NM_144825_11_-1
Utp6	4.913	4.882	5.103	5.184	5.206	5.263	4.855	5.252	4.731	4.963	216987	UTP6	NM_144826_11_-1
Ppp1r1b	-2.948	-4.981	-4.968	-4.427	-3.771	-4.195	-4.980	-4.358	-4.981	-4.981	19049	PPP1R1B	NM_144828_11_+1
Aarsd1	5.952	6.010	5.037	5.058	5.461	5.481	5.031	4.967	4.252	3.688	69684	AARSD1	NM_144829_11_-1
Tmem106a	2.306	1.307	4.409	4.717	5.299	5.348	5.635	6.191	7.001	7.052	217203	TMEM106A	NM_144830_11_+1
Dhx8	4.276	4.261	5.818	5.627	5.277	5.398	5.554	5.407	5.833	5.712	217207	DHX8	NM_144831_11_+1
BC017643	5.689	5.742	5.286	5.461	5.636	5.768	5.644	5.776	6.277	6.380	217370	C17orf62	NM_144832_11_-1
Zfp410	4.796	4.940	4.812	4.679	4.802	4.782	4.687	4.726	4.876	4.862	52708	ZNF410	NM_144833_12_+1
Heatr1	2.925	3.395	4.050	4.136	4.157	4.433	4.360	4.796	4.897	5.468	217995	HEATR1	NM_144835_13_+1
Ice1	3.730	4.069	4.415	4.388	4.615	4.725	4.490	4.460	4.743	5.001	218333	ICE1	NM_144837_13_-1
Sgtb	-2.494	-1.201	-3.189	-1.345	-2.853	-2.389	-0.906	-0.847	-0.048	1.150	218544	SGTB	NM_144838_13_+1
Ube2e2	0.518	1.349	3.244	4.388	7.446	7.614	6.091	5.119	0.578	1.883	218793	UBE2E2	NM_144839_14_-1
Zmym5	2.254	3.561	3.414	3.205	2.253	1.611	2.615	2.311	2.495	1.896	219105	ZMYM5	NM_144842_14_-1
Mttr6	4.883	4.624	5.827	5.719	6.215	6.077	6.287	6.366	7.555	7.846	219135	MTMR6	NM_144843_14_+1
Pcca	4.511	4.542	4.692	4.936	4.576	4.740	4.396	4.663	4.248	4.504	110821	PCCA	NM_144844_14_+1
Fam49b	7.351	7.562	8.514	8.635	9.116	8.993	9.079	9.023	9.431	9.598	223601	FAM49B	NM_144846_15_-1
Nrbp2	-4.981	-2.600	-3.957	-4.821	-4.493	-3.155	-3.575	-2.292	-1.379	-0.904	223649	NA	NM_144847_15_-1
Eppk1	-4.981	-4.981	-4.977	-4.102	-4.962	-4.404	-4.932	-3.270	-4.981	-4.981	223650	EPPK1	NM_144848_15_-1
Ankrd54	4.979	5.293	4.432	4.398	4.455	4.449	4.327	4.476	4.319	4.117	223690	ANKRD54	NM_144849_15_-1
Rapgef3	-4.173	-3.726	-4.953	-3.377	-3.797	-4.498	-3.781	-2.712	-4.981	-4.981	223864	RAPGEF3	NM_144850_15_-1
Senp1	4.281	4.628	4.652	4.638	5.133	4.876	4.879	4.847	5.034	5.215	223870	SENP1	NM_144851_15_-1
Slc7a4	2.122	3.136	-0.603	1.034	-3.826	-0.571	-0.614	1.259	-1.447	-0.283	224022	SLC7A4	NM_144852_16_-1
Rrp36	5.788	6.122	5.184	5.540	5.259	5.957	5.045	5.274	4.493	4.594	224823	RRP36	NM_144857_17_-1
Dus3l	5.170	5.043	5.172	5.120	5.466	5.556	5.229	5.214	5.330	5.138	224907	DUS3L	NM_144858_17_+1
Pja2	4.199	4.212	3.886	3.689	3.777	3.770	3.996	3.861	3.508	4.509	224938	PJA2	NM_144859_17_-1
Mib1	1.550	0.860	2.507	2.092	2.088	2.138	2.537	2.558	3.923	4.056	225164	MIB1	NM_144860_18_+1
Rprd1a	2.760	2.763	2.893	3.216	2.659	2.370	2.714	2.445	2.963	2.994	225283	RPRD1A	NM_144861_18_-1
Lims2	-4.981	-4.981	-4.981	-4.981	-4.970	-4.545	-4.981	-4.981	-2.052	-3.855	225341	LIMS2	NM_144862_18_+1
Wdr36	-2.864	-4.981	-0.741	-0.888	-2.616	-3.037	-1.718	-2.943	-0.771	-0.587	225348	WDR36	NM_144863_18_+1
Reep2	-4.981	-3.493	-4.555	-2.218	-4.699	-4.562	-3.846	-3.969	-3.936	-4.435	225362	REEP2	NM_144865_18_+1
Etf1	6.423	6.377	7.165	7.154	6.147	6.286	6.579	6.520	6.369	6.516	225363	ETF1	NM_144866_18_-1
Slmo1	-1.668	-4.981	-1.041	-0.602	1.086	-0.016	0.231	-0.396	-0.348	-0.121	225655	PRELID3A	NM_144867_18_+1
Pcnx3	3.716	3.662	4.714	4.520	5.065	4.903	4.871	4.578	5.322	5.405	104401	PCNX3	NM_144868_19_-1
BC021614	1.782	-0.562	1.273	1.497	1.219	1.536	2.562	2.445	-0.008	-0.531	225884	NA	NM_144869_19_-1
Nduf58	6.252	5.925	4.689	4.468	3.939	3.486	3.732	3.565	3.100	3.026	225887	NDUF58	NM_144870_19_-1
Kmt5b	-3.839	-2.341	0.312	-1.555	-2.095	-0.460	-1.265	-1.007	0.796	0.752	225888	KMT5B	NM_144871_19_+1
Eml3	4.774	4.680	5.506	5.621	6.763	6.800	6.040	5.785	5.477	5.112	225898	EML3	NM_144872_19_+1
Uhrf2	4.927	5.042	5.098	5.018	5.245	5.374	5.295	5.275	5.143	5.555	109113	UHRF2	NM_144873_19_+1
Cox15	4.584	4.646	5.072	5.220	4.890	5.037	4.976	5.081	5.322	5.378	226139	COX15	NM_144874_19_-1
Rab29	6.114	5.856	5.337	5.240	5.563	5.764	5.864	5.713	5.945	5.822	226422	RAB29	NM_144875_1_+1
Mettl13	2.098	1.783	2.807	2.680	2.314	1.766	2.497	2.858	3.527	3.139	71449	METTL13	NM_144877_1_-1
Vash2	-4.590	-3.407	-4.839	-4.757	-4.764	-4.951	-4.674	-4.896	-4.736	-4.502	226841	VASH2	NM_144879_1_-1
Ppp2r5a	6.101	6.407	6.861	6.757	6.376	6.436	7.136	7.392	9.033	9.152	226849	PPP2R5A	NM_144880_1_-1
Hhat	2.717	2.593	1.113	1.530	0.253	0.560	0.453	0.652	-0.636	0.106	226861	HHAT	NM_144881_1_-1
Spats2l	-4.354	-4.981	-4.946	-4.946	-4.333	-4.885	-4.934	-4.968	-4.981	-4.981	67198	SPATS2L	NM_144882_1_+1
Proser2	-3.368	-2.959	4.295	4.424	-1.906	-1.486	1.393	0.347	-3.183	-2.498	227545	PROSER2	NM_144883_2_-1
Tor1a	6.451	6.457	7.401	7.499	6.529	6.524	6.762	6.796	7.272	6.948	30931	TOR1A	NM_144884_2_-1
BC005624	6.764	6.745	5.950	5.997	6.341	6.355	6.262	6.127	5.912	5.824	227707	C9orf78	NM_144885_2_-1
Exosc2	4.469	4.725	4.602	4.576	4.661	4.494	4.598	4.636	3.738	3.346	227715	EXOSC2	NM_144886_2_+1
Zdhc5	4.505	4.399	4.548	4.634	4.896	4.625	5.001	5.226	5.991	6.195	228136	ZDHHC5	NM_144887_2_-1
Mavs	0.933	1.632	0.759	0.190	-0.027	-0.226	0.495	0.855	2.257	2.388	228607	MAVS	NM_144888_2_+1
Gdap1l1	-4.981	-4.981	-3.223	-5.002	-3.236	-2.945	-4.818	-4.851	-4.190	-4.981	228858	GDAP1L1	NM_144891_2_+1
Ncoa5	4.143	4.387	4.702	4.621	5.059	5.304	4.822	4.910	4.712	5.180	228869	NCOA5	NM_144892_2_-1
Slc35c2	7.221	7.198	7.220	7.414	7.099	7.302	6.935	7.001	6.560	6.559	228875	SLC35C2	NM_144893_2_-1
Zgpat	0.818	1.660	1.855	1.930	1.728	1.319	1.857	1.881	2.027	1.656	229007	ZGPAT	NM_144894_2_+1
Spg20	3.735	3.733	2.577	3.267	2.640	2.365	1.489	2.566	2.685	3.381	229285	NA	NM_144895_3_+1
Gatb	3.718	3.958	3.742	4.236	3.559	3.663	3.222	3.725	2.848	2.840	229487	GATB	NM_144896_3_+1
Apoa1bp	7.210	6.921	6.253	6.647	6.176	6.470	5.973	5.802	4.970	4.822	246703	NAXE	NM_144897_3_-1

Msto1	4.490	4.710	4.220	4.666	4.076	4.421	3.887	4.244	3.757	3.867	229524	MSTO1	NM_144898_3_-1
Adamtsl4	0.529	1.133	-0.437	0.322	-0.793	-0.285	0.240	-0.473	1.772	2.513	229595	ADAMTSL4	NM_144899_3_-1
Atp1a1	6.916	6.165	6.597	6.676	5.934	6.642	6.736	6.813	7.390	7.511	11928	ATP1A1	NM_144900_3_-1
Csde1	5.186	5.317	5.678	5.883	5.188	5.651	5.178	5.529	5.590	5.744	229663	CSDE1	NM_144901_3_+1
Slc35a3	3.934	4.411	5.037	5.016	4.372	4.575	4.591	4.554	5.113	5.334	229782	SLC35A3	NM_144902_3_-1
Aldob	-4.981	-4.981	-4.970	-4.970	-4.981	-4.981	-4.786	-4.905	-4.981	-4.981	230163	ALDOB	NM_144903_4_-1
Ptbp3	4.315	3.023	4.884	4.291	4.482	4.286	4.563	4.379	4.773	5.069	230257	PTBP3	NM_144904_4_-1
Tmem268	5.448	5.807	4.868	4.886	5.908	5.925	5.924	5.772	6.380	6.457	230279	TMEM268	NM_144905_4_+1
Sgip1	-3.169	-4.633	-4.420	-3.855	-3.922	-3.475	-2.598	-2.455	-4.981	-4.970	73094	SGIP1	NM_144906_4_+1
Sesn2	5.329	5.427	4.318	4.073	5.939	5.898	4.410	3.768	3.910	3.766	230784	SESN2	NM_144907_4_-1
Galnt11	5.177	5.608	5.051	5.870	5.185	5.801	4.801	5.524	5.185	5.875	231050	GALNT11	NM_144908_5_+1
Gckr	-4.981	-4.981	-3.664	-4.823	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	231103	GCKR	NM_144909_5_+1
Cnot6l	4.019	1.797	2.479	2.569	4.288	3.553	3.914	3.215	4.057	4.510	231464	CNOT6L	NM_144910_5_-1
Rpap2	3.493	3.077	3.196	2.997	2.825	2.516	2.674	2.425	2.694	1.987	231571	RPAP2	NM_144911_5_+1
Rad9b	2.087	2.040	0.966	1.280	0.566	1.544	1.044	0.601	-0.746	-0.445	231724	RAD9B	NM_144912_5_-1
Mepce	4.800	4.845	3.856	3.808	4.276	4.574	4.204	4.263	3.880	3.810	231803	MEPCE	NM_144913_5_-1
Daglb	0.409	-1.124	4.839	5.352	5.407	6.096	6.197	6.448	7.321	7.275	231871	DAGLB	NM_144915_5_+1
Tmem150a	4.395	3.926	0.328	0.394	-0.543	-0.235	0.344	0.542	-0.638	0.049	232086	TMEM150A	NM_144916_6_+1
Elmod3	2.094	1.085	-0.520	-2.978	0.749	-1.898	1.383	0.981	2.117	1.320	232089	ELMOD3	NM_144917_6_-1
Smyd5	3.532	3.577	4.916	4.850	4.178	4.268	4.105	4.429	3.840	3.783	232187	SMYD5	NM_144918_6_+1
Hdac11	1.611	0.996	1.796	2.185	0.784	0.703	-0.429	-1.458	-2.265	-1.886	232232	HDAC11	NM_144919_6_+1
Plekha5	2.038	2.574	5.874	5.836	3.254	3.755	2.953	3.610	0.159	1.252	109135	PLEKHA5	NM_144920_6_+1
Hnrnpul1	4.949	4.722	4.896	5.117	5.684	5.332	5.376	5.321	6.382	6.162	232989	HNRNPUL1	NM_144922_7_-1
Blvrp	6.696	6.575	3.631	5.289	4.858	6.085	5.401	6.566	4.921	4.774	233016	BLVRB	NM_144923_7_+1
Tnrc6a	5.259	5.102	6.048	5.763	6.124	6.348	6.066	5.689	5.320	5.059	233833	TNRC6A	NM_144925_7_+1
Sez6l2	-4.111	-3.741	-3.173	-4.834	-4.704	-3.597	-4.919	-4.930	-4.328	-4.722	233878	SEZ6L2	NM_144926_7_+1
Tti2	2.945	0.208	2.964	1.844	2.924	1.678	2.337	1.779	3.090	2.605	234138	TTI2	NM_144927_8_+1
Nae1	5.456	5.626	5.451	5.522	5.582	5.632	5.461	5.482	4.802	5.293	234664	NAE1	NM_144931_8_-1
Acsf3	1.813	1.461	2.745	2.725	2.712	2.372	2.784	1.872	2.663	2.861	257633	ACSF3	NM_144932_8_+1
Med17	5.570	5.751	5.299	5.323	5.146	5.324	5.027	5.069	5.101	5.210	234959	MED17	NM_144933_9_-1
Plppr2	-3.741	-4.981	-2.916	-3.488	-2.641	-4.086	-3.003	-3.473	-0.773	-2.015	235044	PLPPR2	NM_144935_9_+1
Tmem45b	-4.981	-0.906	-2.797	-2.885	-2.314	-0.413	-3.542	-3.729	-2.038	-4.164	235135	TMEM45B	NM_144936_9_-1
Usp3	5.669	5.620	5.587	5.508	5.670	5.682	5.849	5.568	6.356	6.163	235441	USP3	NM_144937_9_-1
C1s1	-4.981	-3.131	-4.610	-4.998	-4.980	-4.919	-4.770	-4.965	-4.981	-4.981	50908	C1S1	NM_144938_6_-1
Frs3	-0.437	0.052	0.082	0.098	1.026	0.742	0.436	-0.183	-1.563	-0.479	107971	FRS3	NM_144939_17_+1
Map7d1	3.513	3.368	3.011	2.863	4.072	2.976	4.282	3.603	5.674	5.691	245877	MAP7D1	NM_144941_4_-1
Csad	3.173	3.230	3.863	4.182	2.994	2.861	3.965	4.012	3.629	3.584	246277	CSAD	NM_144942_15_-1
Cd207	-0.175	-1.330	7.093	9.559	-2.012	-0.019	0.064	2.645	-4.981	-1.878	246278	CD207	NM_144943_6_-1
Rbm7	6.407	6.011	6.210	6.664	5.614	5.646	6.087	6.561	6.376	7.514	67010	RBM7	NM_144948_9_-1
1700019D03Rik	-2.362	-1.736	-2.593	-0.663	2.004	2.083	0.359	-0.207	-2.250	-3.481	67080	C2orf88	NM_144953_1_-1
Ppil2	-0.877	-2.683	1.370	0.677	0.968	0.620	-0.192	-0.043	0.387	-0.754	66053	PPIL2	NM_144954_16_-1
Eif4a1	8.557	8.703	9.254	9.506	9.011	9.134	8.900	9.020	8.696	8.554	13681	EIF4A1	NM_144958_11_-1
Fcamr	-3.090	-2.883	-4.728	-1.008	-4.938	-2.777	-4.697	-3.206	-4.981	-4.981	64435	FCAMR	NM_144960_1_+1
Gpr85	2.419	1.710	0.254	-0.041	-1.932	-3.353	-2.469	-2.881	-1.109	-0.072	64450	GPR85	NM_145066_6_-1
Gucy2c	0.674	-1.778	0.596	-0.838	1.350	-1.940	1.652	-0.964	0.827	-1.528	14917	GUCY2C	NM_145067_6_-1
Hip1r	4.446	3.541	4.754	4.346	4.373	4.173	4.260	3.832	2.592	1.560	29816	HIP1R	NM_145070_5_+1
Hist1h3g	-4.981	-4.981	-1.257	-2.823	-0.975	-2.548	-2.323	-3.245	-2.267	-4.981	97908	HIST1H3G	NM_145073_13_+1
Trim24	-1.590	-3.432	-2.264	-1.704	-0.148	-1.217	-2.114	-2.435	-0.138	0.176	21848	TRIM24	NM_145076_6_+1
Zfp979	-1.340	5.705	-4.701	3.499	-4.841	4.710	-3.538	4.628	-3.738	5.889	112422	ZNF616	NM_145078_4_-1
Ugt1a6a	-3.197	-4.981	-2.956	-0.608	-3.268	-2.099	-3.143	-0.546	1.040	2.304	94284	UGT1A6	NM_145079_1_+1
Lypd1	-4.981	-4.981	-4.981	-4.981	-4.838	5.209	-4.951	-0.074	-4.981	-4.981	72585	LYPD1	NM_145100_1_-1
Cacnb1	-0.531	-0.460	0.223	-0.134	-1.104	-1.455	-1.371	-1.993	-1.803	0.162	12295	CACNB1	NM_145121_11_-1
Pex16	5.674	5.554	4.165	4.557	5.959	6.003	5.431	4.899	3.845	4.017	18633	PEX16	NM_145122_2_+1
Mib2	1.344	2.468	2.346	1.589	1.714	1.632	2.901	1.859	3.211	3.068	76580	MIB2	NM_145124_4_-1
Brwd1	2.626	3.289	3.229	2.665	3.042	3.248	2.609	2.906	1.593	2.685	93871	BRWD1	NM_145125_16_-1
Chil4	-4.981	-4.981	-4.958	-4.958	-4.981	-4.981	-4.981	-4.981	-0.267	-0.266	104183	NA	NM_145126_3_-1
Mgat5	1.992	1.638	2.064	1.510	2.798	2.622	1.766	2.708	2.472	2.644	107895	MGAT5	NM_145128_1_+1
Lpcat3	5.283	5.427	5.180	5.502	4.915	5.375	5.300	5.938	5.539	5.694	14792	LPCAT3	NM_145130_6_+1
Pitrm1	4.728	5.103	4.443	4.911	4.458	4.770	4.523	4.945	4.379	4.612	69617	PITRM1	NM_145131_13_+1
Tifa	7.646	7.756	6.386	6.250	5.894	5.981	6.374	6.477	7.247	7.173	211550	TIFA	NM_145133_3_+1
Spsb4	-4.981	-2.437	-4.981	-4.981	-4.698	-4.454	-4.918	-3.795	1.368	1.547	211949	SPSB4	NM_145134_9_-1
Rnh1	5.638	5.704	5.199	5.535	3.716	3.553	4.459	4.493	5.217	5.316	107702	RNH1	NM_145135_7_-1
Mgl2	5.069	5.740	-1.102	-0.033	-0.832	1.976	4.776	6.348	0.346	0.812	216864	CLEC10A	NM_145137_11_+1
Nek9	4.940	4.821	5.619	5.422	5.373	5.446	5.384	5.412	5.903	5.791	217718	NEK9	NM_145138_12_-1
Eif3l	6.832	6.827	7.187	7.348	7.014	6.883	6.900	7.107	6.757	6.784	223691	EIF3L	NM_145139_15_+1
Abcc10	-4.981	-4.868	-2.785	-3.275	-4.981	-4.981	-4.977	-4.071	-4.869	-4.963	224814	ABCC10	NM_145140_17_-1
Fcrla	8.004	7.535	4.620	2.023	-0.865	1.395	0.334	2.939	-3.091	-1.072	98752	FCRLA	NM_145141_1_-1
Chst10	0.594	1.967	0.417	2.780	3.895	6.015	2.095	3.959	-2.780	1.095	98388	CHST10	NM_145142_1_-1
Mpp4	-4.981	-4.981	-4.723	-4.776	-4.893	-4.802	-4.861	-4.957	-4.981	-4.422	227157	MPP4	NM_145143_1_-1
Aif1l	-4.981	-4.981	-2.577	-1.304	-1.171	2.300	-2.180	-0.530	-3.242	-4.981	108897	AIF1L	NM_145144_2_+1
Pomt1	2.346	2.641	2.200	2.850	1.932	2.625	2.590	2.923	3.095	3.440	99011	POMT1	NM_145145_2_+1
Gtppb6	4.129	3.866	3.740	3.723	3.907	3.913	3.783	3.797	3.637	3.584	107999	GTPBP6	NM_145147_5_-1
Frdm4b	3.787	3.237	5.567	4.455	3.432	0.627	4.729	3.813	3.767	4.075	232288	FRDM4B	NM_145148_6_-1
Rasgrp4	2.203	2.124	4.819	4.702	4.943	4.397	4.732	4.748	5.801	5.289	233046	RASGRP4	NM_145149_7_+1

Prc1	-1.816	2.073	2.151	2.229	3.387	3.037	2.760	2.533	1.804	1.413	233406	PRC1	NM_145150_7_+1	
Crebzf	3.955	4.248	5.208	4.983	4.543	4.300	4.827	4.866	4.924	5.412	233490	CREBZF	NM_145151_7_+1	
Lrrc3	-2.178	-0.277	4.048	4.206	0.238	0.415	-1.291	0.472	-2.833	-4.148	237387	LRRC3	NM_145152_10_-1	
Angptl6	2.788	2.985	-0.384	0.226	-0.134	0.248	-0.205	0.204	-0.035	0.234	70726	ANGPTL6	NM_145154_9_-1	
Slc25a28	4.788	4.680	3.687	3.598	3.739	4.077	4.145	4.135	4.853	4.663	246696	SLC25A28	NM_145156_19_-1	
Emilin2	-1.818	-1.084	-1.382	1.913	1.289	2.119	6.410	7.152	10.134	10.196	246707	EMILIN2	NM_145158_17_-1	
Oasl1	3.776	2.407	3.305	2.907	2.798	1.639	3.387	2.428	4.460	2.991	231655	OASL	NM_145209_5_+1	
Oas1a	3.735	1.305	3.337	1.035	6.809	5.384	6.973	5.561	7.533	6.127	246730	OAS1	NM_145211_5_-1	
Abhd11	2.306	2.375	2.340	2.333	2.177	2.405	2.297	3.011	3.144	2.823	68758	ABHD11	NM_145215_5_+1	
Rasl10a	-2.948	-2.365	-2.992	-3.796	-3.601	-3.174	-4.620	-3.660	-3.491	-2.749	75668	RASL10A	NM_145216_11_+1	
Appl2	3.839	3.646	4.084	4.119	4.733	4.362	3.973	4.089	4.782	4.698	216190	APPL2	NM_145220_10_-1	
Appl1	5.467	5.631	5.787	5.753	5.531	5.659	5.329	5.193	4.863	5.216	72993	APPL1	NM_145221_14_-1	
B3gnt7	-2.126	-1.231	-4.448	-3.649	-4.710	-3.505	-2.126	-0.761	-4.981	-3.435	227327	B3GNT7	NM_145222_1_+1	
Alms1	0.012	0.706	4.502	4.183	2.045	1.502	1.882	1.828	0.685	1.058	236266	ALMS1	NM_145223_6_+1	
Oas3	-1.642	-1.270	0.106	-1.051	2.613	0.876	4.158	2.974	6.551	4.599	246727	OAS3	NM_145226_5_-1	
Oas2	-1.217	-2.997	-0.311	-2.948	5.222	3.632	4.760	3.580	6.255	4.797	246728	OAS2	NM_145227_5_-1	
AY074887	-1.389	-1.594	-0.782	-1.932	-1.286	-1.848	-1.154	-1.839	-0.994	-1.305	246735	NA	NM_145229_9_-1	
Yipf3	6.877	7.026	6.221	6.318	5.981	6.020	6.177	6.347	6.645	6.600	28064	YIPF3	NM_145353_17_+1	
Nsun2	6.155	5.886	6.993	6.782	6.389	6.393	6.261	6.535	6.477	6.115	28114	NSUN2	NM_145354_13_+1	
Rnf185	1.365	-3.782	-3.073	-4.387	-3.401	-0.229	-1.244	-2.369	0.667	-1.292	193670	RNF185	NM_145355_11_-1	
Zbtb7c	-4.981	-4.981	-4.793	-4.320	-4.866	-4.602	-4.976	-4.768	-4.981	-4.981	207259	ZBTB7C	NM_145356_18_+1	
Camkk2	2.166	2.891	2.301	2.115	2.154	1.454	4.399	4.570	7.247	6.752	207565	CAMKK2	NM_145358_5_-1	
Ubald1	5.671	5.696	4.775	4.730	5.063	4.897	4.904	4.887	4.653	4.727	207740	UBALD1	NM_145359_16_-1	
Idi1	7.002	7.225	5.729	4.723	5.023	4.692	5.294	5.724	4.996	6.155	319554	IDI1	NM_145360_13_+1	
Btbd2	3.530	3.166	3.380	3.167	3.643	3.464	3.734	3.385	4.032	3.585	208198	BTBD2	NM_145361_10_-1	
Alg1	5.438	4.693	4.488	4.058	4.742	4.005	4.669	4.033	5.221	4.311	208211	ALG1	NM_145362_16_+1	
Akr1d1	-4.981	-4.981	-4.476	-4.583	-4.980	-4.792	-4.524	-4.758	-4.981	-4.981	208665	AKR1D1	NM_145364_6_+1	
Creb3l3	-2.483	-4.981	-4.986	-3.970	0.971	1.058	0.689	0.120	0.319	-0.487	208677	CREB3L3	NM_145365_10_-1	
Txndc5	8.507	8.359	7.169	7.183	5.640	5.903	6.548	8.221	7.462	7.440	105245	TXNDC5	NM_145367_13_-1	
Gps1	1.546	2.027	2.550	3.038	1.575	1.930	1.461	2.625	1.884	2.019	209318	GPS1	NM_145370_11_+1	
Eif2b1	5.399	5.720	5.466	5.626	5.326	5.389	5.298	5.394	5.223	5.122	209354	EIF2B1	NM_145371_5_-1	
Sectm1a	-4.981	-4.981	-4.954	-4.252	-1.844	-2.571	-1.007	-1.332	-0.019	-1.686	209588	SECTM1	NM_145373_11_-1	
Mios	3.921	3.954	3.791	3.852	3.758	3.782	3.870	3.952	4.244	4.422	252875	MIOS	NM_145374_6_+1	
Tm6sf1	2.097	1.751	5.563	5.625	5.207	5.279	6.072	6.585	7.650	7.752	107769	TM6SF1	NM_145375_7_+1	
Lpcat1	1.190	2.062	4.753	5.112	4.452	4.255	4.202	4.789	4.187	5.219	210992	LPCAT1	NM_145376_13_+1	
Trim41	3.258	3.424	3.933	4.044	3.160	3.435	3.343	3.041	2.844	2.910	211007	TRIM41	NM_145377_11_-1	
Pla2g4b	-1.455	0.367	-1.485	-3.752	-4.857	-3.612	-2.140	-1.165	-1.332	-4.962	211429	PLA2G4B	NM_145378_2_+1	
Eif3m	7.672	7.647	7.640	7.591	7.448	7.295	7.382	7.347	6.762	6.676	98221	EIF3M	NM_145380_2_-1	
Lactb2	4.822	4.799	3.131	2.980	3.220	3.469	3.237	3.497	3.780	4.053	212442	LACTB2	NM_145381_1_-1	
Fam193b	4.367	4.431	4.006	3.717	4.186	4.343	4.413	4.550	4.491	4.590	212483	NA	NM_145382_13_-1	
Pqlc2	5.258	5.248	6.612	6.631	5.032	5.002	4.956	5.251	4.506	4.588	212555	PQLC2	NM_145384_4_-1	
Mlf2	2.935	2.750	2.962	3.167	2.515	2.665	2.200	2.318	2.156	2.350	30853	NM_145385_6_+1		
Pgghg	3.150	3.411	2.576	2.266	3.827	4.083	4.068	3.874	3.970	3.970	212974	PGGHG	NM_145387_7_+1	
BC016579	-4.981	-4.981	-1.537	-3.792	-4.962	-4.962	-1.929	-4.728	-4.981	-4.981	212998	C3orf52	NM_145389_16_-1	
Tnpo2	2.913	2.725	3.557	4.015	3.914	3.518	3.589	3.622	4.177	4.417	212999	TNPO2	NM_145390_8_+1	
Tapbp1	6.508	6.053	6.763	6.812	5.847	5.973	5.694	5.708	5.723	5.414	213233	TAPBP1	NM_145391_6_-1	
Bag2	3.251	2.629	2.157	2.228	0.983	1.178	-0.484	1.411	-1.477	-0.423	213539	BAG2	NM_145392_1_-1	
Ythdf2	6.151	6.236	6.909	7.059	6.884	6.683	6.850	6.711	6.645	6.596	213541	YTHDF2	NM_145393_4_-1	
Tbl3	4.712	4.219	4.681	4.852	4.906	4.667	4.521	4.770	5.155	4.570	213773	TBL3	NM_145396_17_-1	
Casd1	4.599	4.915	4.372	4.574	4.723	5.080	4.572	4.758	4.697	5.584	213819	CASD1	NM_145398_6_+1	
Ube4a	3.378	3.776	4.436	4.353	4.279	4.402	4.275	4.623	4.594	5.297	140630	UBE4A	NM_145400_9_-1	
Prkag2	2.743	2.730	2.761	2.447	2.334	2.124	2.963	3.064	4.956	4.872	108099	PRKAG2	NM_145401_5_-1	
Tmem51	1.588	-0.391	6.353	6.188	6.986	7.203	7.226	7.389	7.682	7.525	214359	TMEM51	NM_145402_4_-1	
Tmprs4	0.222	-0.596	-0.277	0.378	-0.158	0.621	-1.335	-1.623	-0.769	-0.398	214523	TMPRSS4	NM_145403_9_-1	
Prmt7	4.629	4.359	4.316	4.855	3.803	4.070	4.095	4.666	3.791	3.805	214572	PRMT7	NM_145404_8_+1	
Ubl4a	5.169	5.154	5.221	5.327	4.635	4.823	4.903	5.063	4.995	5.034	27643	UBL4A	NM_145405_X_-1	
Slc10a3	4.751	4.650	4.173	4.698	3.633	4.058	3.277	3.694	4.884	4.355	214601	SLC10A3	NM_145406_X_-1	
Usp19	0.428	-2.798	-4.222	-4.314	-3.841	-4.478	-1.425	-4.367	-4.523	-4.783	71472	USP19	NM_145407_9_+1	
Chtf18	-0.840	0.010	1.090	1.835	2.208	1.883	1.541	1.991	1.169	0.051	214901	CHTF18	NM_145409_17_-1	
Fam173a	6.932	7.099	5.353	5.527	5.547	6.000	5.750	5.937	5.497	5.191	214917	FAM173A	NM_145410_17_-1	
Chtf8	2.222	2.418	3.294	3.913	3.651	3.729	3.648	3.407	3.633	3.909	214987	CHTF8	NM_145412_8_-1	
Fam20b	4.751	4.836	4.544	4.764	3.950	4.339	4.389	4.727	5.270	5.625	215015	FAM20B	NM_145413_1_-1	
Nsun5	4.303	4.500	3.887	4.144	4.078	4.219	4.008	4.185	3.676	3.860	100609	NSUN5	NM_145414_5_+1	
Diexf	2.566	2.553	2.378	2.445	2.995	2.735	2.530	2.240	2.223	1.727	215193	DIEXF	NM_145415_1_-1	
Kri1	3.755	4.480	3.624	4.422	3.501	4.538	3.075	4.154	3.989	4.436	215194	KRI1	NM_145416_9_-1	
Rnpep	3.662	3.934	5.936	5.938	5.537	5.334	6.352	6.522	7.748	8.010	215615	RNPEP	NM_145417_1_-1	
Ginm1	6.166	6.046	5.459	5.138	4.874	4.776	5.054	4.820	4.975	4.692	215751	GINM1	NM_145418_10_-1	
Ube2d1	6.321	5.975	5.158	5.261	5.870	5.815	5.352	5.485	5.246	5.503	216080	UBE2D1	NM_145420_10_-1	
Abhd17a	8.701	8.639	7.345	7.493	6.820	7.119	6.655	6.932	6.678	6.433	216169	ABHD17A	NM_145421_10_-1	
Rtcb	6.833	6.754	7.555	7.341	6.757	6.580	6.608	6.585	6.277	6.099	28088	RTCB	NM_145422_10_-1	
Wdpcp	1.914	1.869	0.728	-0.213	0.719	0.859	0.841	-0.178	0.939	-0.478	216560	WDPCP	NM_145425_11_+1	
Mfap3	2.154	2.773	2.434	3.230	3.061	3.325	3.325	3.143	2.526	3.476	216760	MFAP3	NM_145426_11_+1	
Atfaf2	5.252	4.874	4.740	4.671	4.684	4.374	4.581	4.460	4.705	4.094	246782	ATPAF2	NM_145427_11_-1	
Dhrs7b	4.909	5.004	3.875	4.024	4.076	4.067	3.979	3.877	3.477	3.620	216820	DHRS7B	NM_145428_11_+1	

Arrb2	4.403	4.535	5.710	5.476	6.022	5.572	6.224	6.182	6.405	6.281	216869	ARRB2	NM_145429_11_+1
Fam222b	2.880	2.946	3.481	3.637	3.746	3.671	3.699	3.725	5.116	4.858	216971	FAM222B	NM_145430_11_+1
Nle1	2.091	2.193	2.307	2.242	2.266	2.324	2.019	2.153	1.991	1.678	217011	NLE1	NM_145431_11_-1
Heatr6	4.935	5.381	5.079	4.932	5.303	5.246	4.702	4.663	4.836	4.811	217026	HEATR6	NM_145432_11_+1
Mrm1	3.681	3.605	3.583	3.645	3.691	3.768	4.072	4.045	4.375	4.235	217038	MRM1	NM_145433_11_-1
Nr1d1	-1.391	-1.541	-2.692	-1.676	-0.893	2.179	-1.094	0.787	0.164	-0.285	217166	NR1D1	NM_145434_11_-1
Cdc27	3.869	4.414	4.090	3.596	3.964	3.577	3.751	3.258	3.836	3.930	217232	CDC27	NM_145435_11_-1
Cd300ld	1.008	-4.981	1.541	-0.193	5.616	5.470	7.430	6.749	7.214	5.768	217305	CD300LD	NM_145437_11_-1
Llgl2	1.034	1.021	2.097	2.216	1.560	1.811	1.777	1.395	2.466	2.635	217325	LLGL2	NM_145438_11_+1
Tmc6	4.649	4.957	4.616	4.601	4.751	4.873	5.656	5.407	6.739	6.226	217353	TMC6	NM_145439_11_-1
Ubxn2a	4.983	5.007	5.713	5.641	5.206	5.135	5.068	4.951	3.998	4.258	217379	UBXN2A	NM_145441_12_-1
Mbip	5.274	5.550	4.318	4.458	4.970	5.232	4.405	4.348	3.871	3.773	217588	MBIP	NM_145442_12_-1
L2hgdh	0.359	1.206	1.705	2.624	1.403	1.927	1.235	1.291	-0.232	0.650	217666	L2HGDH	NM_145443_12_-1
Eif2b2	6.179	6.125	7.252	7.393	5.341	5.351	5.432	5.907	5.890	5.482	217715	EIF2B2	NM_145445_12_+1
Mfsd7c	-3.668	-3.267	-2.614	-2.369	-4.973	-4.959	-3.785	-3.967	-2.724	-3.758	217721	FLVCR2	NM_145447_12_+1
9030617003Rik	4.493	4.419	5.326	5.755	5.199	5.352	5.097	4.940	5.127	5.048	217830	C14orf159	NM_145448_12_+1
BC022687	2.448	2.280	-0.079	-0.037	-0.424	-0.397	-0.484	-1.694	-0.831	0.934	217887	C14orf79	NM_145450_12_+1
Rasa1	4.922	5.039	5.088	5.111	5.112	5.316	5.409	5.322	5.094	5.440	218397	RASA1	NM_145452_13_-1
Zcchc9	5.025	5.406	4.816	5.391	4.789	5.067	4.773	5.259	4.338	4.675	69085	ZCCHC9	NM_145453_13_-1
Btf3	0.244	0.697	0.591	0.784	0.260	-0.316	-0.269	0.453	-0.276	-0.721	218490	BTF3	NM_145455_13_-1
Zswim6	0.385	1.330	2.339	2.059	1.113	1.156	2.089	2.766	3.758	4.226	67263	ZSWIM6	NM_145456_13_-1
Paip1	3.700	3.770	2.702	2.715	2.522	2.801	2.897	2.921	2.325	2.621	218693	PAIP1	NM_145457_13_+1
Pxk	4.461	4.237	4.456	3.979	5.470	4.727	5.544	5.205	6.018	5.167	218699	PXK	NM_145458_14_+1
Zfp503	-4.981	-4.981	-4.808	-4.659	-4.457	-2.906	-2.219	-1.700	-0.798	0.511	218820	ZNF503	NM_145459_14_-1
Oxnad1	3.098	3.537	2.618	2.544	2.591	2.850	2.309	2.542	2.387	1.854	218885	OXNAD1	NM_145460_14_+1
Haus4	4.616	4.526	4.443	3.949	4.856	4.194	4.508	4.188	3.675	2.910	219072	HAUS4	NM_145462_14_-1
Shisa2	-4.981	-4.981	-4.981	-4.981	-0.725	0.376	-4.824	-3.176	-3.925	-4.981	219134	SHISA2	NM_145463_14_+1
Stk24	3.677	3.669	4.237	3.842	4.951	4.864	5.193	4.431	4.969	4.508	232355	STK24	NM_145465_14_-1
Ggact	4.119	3.444	2.577	2.758	2.417	2.526	0.950	1.583	-3.750	-0.483	223267	GGACT	NM_145466_14_-1
Deptor	0.694	-0.566	4.500	4.729	3.620	3.375	4.955	4.803	5.446	5.761	97998	DEPTOR	NM_145470_15_+1
Lrrc14	4.287	4.342	4.376	4.331	3.846	3.843	3.702	3.503	3.863	3.777	223664	LRRC14	NM_145471_15_+1
C030006K11Rik	3.389	2.673	2.609	1.453	1.446	1.069	1.749	0.780	1.695	1.414	223665	C8orf82	NM_145472_15_-1
Csdc2	-3.090	-1.814	-4.729	-4.755	-3.433	-4.959	-3.658	-4.922	-4.394	-2.993	105859	CSDC2	NM_145473_15_+1
Cerk	5.247	3.783	4.724	4.341	5.835	5.208	5.819	5.131	6.847	6.149	223753	CERK	NM_145475_15_-1
Tbc1d22a	5.242	4.768	5.769	5.516	5.655	5.621	5.155	5.459	5.741	5.643	223754	TBC1D22A	NM_145476_15_+1
Alg12	0.690	2.001	0.652	-0.603	-2.623	0.513	-0.712	-0.618	-1.614	-0.194	223774	ALG12	NM_145477_15_-1
Pim3	3.991	3.464	3.959	3.838	5.825	5.438	5.516	5.387	5.930	5.799	223775	PIM3	NM_145478_15_+1
Klhl22	4.449	4.012	2.100	2.166	3.082	3.445	3.356	3.143	3.905	3.699	224023	KLHL22	NM_145479_16_+1
Rfc4	3.077	3.144	2.743	3.671	4.058	3.892	3.896	3.724	2.120	1.747	106344	RFC4	NM_145480_16_-1
Setd4	2.999	3.243	1.289	1.384	0.997	1.683	1.536	1.363	1.452	1.349	224440	SETD4	NM_145482_16_-1
Zfp160	2.849	3.308	3.315	3.089	3.497	3.356	3.540	3.302	3.652	4.213	224585	ZNF665	NM_145483_17_+1
Zfp758	4.926	5.018	4.295	4.235	4.255	4.187	4.422	4.333	3.775	5.132	224598	NA	NM_145484_17_+1
March2	0.786	-0.321	1.054	0.593	0.300	-0.183	-0.253	-0.410	0.656	0.876	224703	MARCH2	NM_145486_17_-1
Prr3	2.381	1.018	0.062	1.207	1.215	-0.539	0.720	-0.157	1.331	1.659	75210	PRR3	NM_145487_17_-1
Pex6	3.911	3.896	3.688	3.816	3.899	3.926	3.991	3.882	4.469	4.473	224824	PEX6	NM_145488_17_+1
AI661453	-3.090	-4.981	-2.421	-2.552	-3.881	-4.147	-1.306	-4.167	-4.981	-4.981	224833	NA	NM_145489_17_+1
Zfp959	3.753	3.652	3.315	3.228	3.302	3.072	3.326	3.349	3.594	3.627	224893	NA	NM_145490_17_+1
Rhoq	5.400	5.879	3.579	3.330	4.634	4.371	5.412	5.496	6.204	6.694	104215	RHOQ	NM_145491_17_+1
Zfp521	3.888	3.723	-1.575	-1.912	2.361	2.849	0.011	-1.353	-4.981	-1.854	225207	ZNF521	NM_145492_18_-1
Me2	7.065	6.624	6.920	7.196	6.180	6.851	6.463	7.106	7.267	7.772	107029	ME2	NM_145494_18_-1
Rin1	-0.865	-1.246	-0.954	-1.721	-1.222	-0.339	-1.661	-2.119	-1.341	-1.779	225870	RIN1	NM_145495_19_+1
Tkfc	0.519	0.107	1.252	1.242	1.461	1.329	1.113	0.234	0.890	1.222	225913	TKFC	NM_145496_19_-1
Nmrk1	4.131	3.964	2.930	2.236	3.819	2.685	3.391	2.549	1.882	1.304	225994	NMRK1	NM_145497_19_+1
Ubt1d1	1.534	1.544	2.387	2.553	2.280	1.550	3.570	3.532	5.030	4.495	226122	UBTD1	NM_145500_19_+1
Pi4k2a	5.011	4.461	7.051	6.512	5.731	5.459	5.714	5.579	6.668	6.573	84095	PI4K2A	NM_145501_19_+1
Erlin1	2.913	2.370	4.345	3.866	3.684	3.318	2.903	2.267	3.214	3.652	226144	ERLIN1	NM_145502_19_-1
Lzts2	0.456	1.155	0.292	-1.025	-2.591	-4.829	-2.468	-2.879	-1.820	-4.332	226154	LZTS2	NM_145503_19_+1
Fam160b1	4.911	4.392	4.463	3.994	4.460	4.343	4.149	4.290	5.466	5.010	226252	FAM160B1	NM_145505_19_+1
Epb41l5	-4.981	-4.981	-4.298	-3.391	-3.990	-2.317	-1.579	-4.085	-4.981	-1.378	226352	EPB41L5	NM_145506_1_-1
Dars	-1.413	-2.117	-1.486	-3.136	-2.933	-3.470	-1.890	-3.898	-2.326	-2.543	226414	DARS	NM_145507_1_-1
Dyrk3	7.571	7.049	1.730	2.431	2.465	3.059	1.137	2.390	3.666	3.188	226419	DYRK3	NM_145508_1_-1
Rab7b	1.670	3.816	8.955	9.265	-0.776	-0.069	2.773	5.936	3.776	4.579	226421	RAB7B	NM_145509_1_+1
Rabif	5.072	5.138	4.961	5.000	4.521	4.658	4.637	5.207	5.594	5.450	98710	RABIF	NM_145510_1_+1
BC003331	5.935	5.788	4.877	4.886	5.072	5.199	5.114	5.177	5.224	5.360	226499	C1orf27	NM_145511_1_-1
Sft2d2	5.656	6.053	6.645	6.230	6.237	5.926	6.431	6.050	7.040	6.665	108735	SFT2D2	NM_145512_1_-1
Tipr1	6.341	6.723	6.098	6.216	5.985	6.057	5.767	5.787	5.223	5.336	226591	TIPR1	NM_145513_1_-1
Wdr26	6.117	6.248	6.306	6.268	6.066	6.161	6.463	6.381	7.158	7.331	226757	WDR26	NM_145514_1_-1
Mark1	-4.981	-4.981	-4.796	-4.971	-4.946	-4.946	-4.965	-4.616	-4.981	-4.981	226778	MARK1	NM_145515_1_-1
Plekhd1	6.189	6.519	7.261	7.331	6.101	6.546	6.285	6.544	6.731	6.932	226971	PLEKHD1	NM_145516_1_+1
Ormdl1	6.078	6.320	5.704	5.774	5.441	5.499	5.465	5.537	4.802	5.345	227102	ORMDL1	NM_145517_1_+1
Ndufs1	4.738	4.505	5.087	5.392	5.142	4.959	4.933	5.036	5.340	5.214	227197	NDUFS1	NM_145518_1_-1
Farp2	-2.128	-3.198	3.445	3.555	-1.451	-0.804	-0.754	0.801	0.400	0.995	227377	FARP2	NM_145519_1_+1
Trub2	2.867	2.847	2.742	2.887	2.965	3.189	2.586	2.914	3.707	3.356	227682	TRUB2	NM_145520_2_-1
Plpp7	1.685	2.010	-2.189	-1.924	-1.643	-0.401	-0.608	1.152	1.257	1.917	227721	PLPP7	NM_145521_2_+1

Rabepk	4.545	4.716	3.764	3.763	3.789	3.972	3.635	3.847	3.103	3.120	227746	RABEPK	NM_145522_2_-1
Gca	1.772	0.953	4.796	4.950	4.087	3.824	4.253	3.024	2.890	1.462	227960	GCA	NM_145523_2_+1
Mettl8	3.294	3.604	2.290	3.131	1.937	2.935	2.310	2.935	2.608	3.102	228019	METTL8	NM_145524_2_-1
Osbp16	-3.982	-3.331	-3.374	-4.130	-4.616	-4.867	-4.822	-4.210	-3.481	-4.231	99031	OSBPL6	NM_145525_2_+1
P2rx3	-2.647	-4.981	-3.570	-4.431	-3.164	-3.238	-2.660	-3.307	-4.981	-2.993	228139	P2RX3	NM_145526_2_-1
Madd	2.829	1.765	3.216	2.777	3.552	3.199	3.325	2.263	3.874	4.232	228355	MADD	NM_145527_2_-1
Atg13	4.515	4.579	4.827	4.804	4.726	4.992	4.864	4.923	5.868	5.970	51897	ATG13	NM_145528_2_-1
Cstf3	4.124	5.075	4.861	5.239	4.616	4.930	4.476	4.661	3.951	4.544	228410	CSTF3	NM_145529_2_+1
Rhov	-2.178	-1.355	-0.404	-0.512	-0.850	-1.876	-1.750	-1.935	-0.633	-0.059	228543	RHOV	NM_145530_2_-1
Spg11	3.398	3.062	5.154	4.911	5.312	5.037	4.778	4.263	4.929	4.834	214585	SPG11	NM_145531_2_-1
Smox	1.758	2.370	0.982	1.992	1.218	2.911	2.515	2.954	4.229	3.881	228608	SMOX	NM_145533_2_+1
Btbd3	3.576	5.118	0.113	-1.984	-3.364	-1.941	-0.760	-3.444	-0.179	-4.789	228662	NA	NM_145534_2_+1
Sdcbp2	1.667	0.489	-1.845	-0.652	-2.158	-1.508	-3.257	-2.463	-0.592	-4.981	228765	SDCBP2	NM_145535_2_+1
Ccm2l	-1.714	-4.981	-3.721	-3.467	-4.781	-4.622	-3.735	-4.280	-3.531	-4.981	228788	CCM2L	NM_145536_2_+1
Edem2	8.735	8.349	6.782	7.069	6.710	6.940	6.693	7.135	6.803	7.168	108687	EDEM2	NM_145537_2_-1
Tmem189	5.568	5.766	5.750	5.799	5.156	5.308	5.254	5.473	6.110	5.758	407243	TMEM189	NM_145538_2_-1
Ints3	3.332	3.662	4.014	3.794	3.621	3.930	3.560	4.032	3.644	3.827	229543	INTS3	NM_145540_3_-1
Rap1a	9.215	9.445	8.184	8.113	8.562	8.442	8.843	8.711	8.515	8.890	109905	RAP1A	NM_145541_3_-1
Ahcyl1	5.432	5.346	6.222	6.149	5.677	5.921	5.788	5.805	6.161	6.001	229709	AHCYL1	NM_145542_3_-1
Clcc1	5.813	5.758	5.272	5.295	5.246	5.146	5.518	5.670	5.557	5.564	229725	CLCC1	NM_145543_3_+1
Rap1gds1	1.926	1.765	3.585	3.261	3.783	3.673	3.629	2.870	3.575	4.332	229877	RAP1GDS1	NM_145544_3_-1
Gbp7	0.502	-1.302	-1.603	0.266	-0.107	-1.187	-0.678	-2.165	-0.033	1.279	229900	GBP7	NM_145545_3_+1
Gtf2b	7.036	7.374	6.283	6.367	6.561	6.619	6.329	6.342	5.893	6.001	229906	GTF2B	NM_145546_3_+1
Zfp189	0.682	1.562	1.943	1.754	0.232	1.045	0.035	1.416	1.177	1.508	230162	ZNF189	NM_145547_4_+1
Efcab7	1.449	2.922	-0.014	0.981	0.531	1.031	-0.403	0.796	-0.374	0.549	230500	EFCAB7	NM_145549_4_+1
Yipf1	6.884	6.457	5.965	5.745	5.936	5.771	5.971	5.856	6.347	5.911	230584	YIPF1	NM_145550_4_+1
Gnl2	5.756	5.606	5.606	5.715	6.294	6.566	6.075	5.723	5.385	4.806	230737	GNL2	NM_145552_4_+1
Fam76a	4.882	4.771	4.311	4.329	4.413	4.685	4.574	4.351	4.638	4.665	230789	FAM76A	NM_145553_4_-1
Ldlrap1	1.698	1.652	2.477	2.902	2.453	2.908	4.419	4.891	5.922	5.544	100017	LDLRAP1	NM_145554_4_-1
Ncmap	-4.981	-4.981	-4.981	-4.981	-4.976	-4.896	-4.981	-4.980	-4.947	-4.981	230822	NCMAP	NM_145555_4_-1
Tardbp	6.378	6.562	6.868	6.761	6.935	6.932	6.478	6.599	5.666	6.280	230908	TARDBP	NM_145556_4_-1
9430015G10Rik	2.329	1.611	1.006	2.404	3.108	3.361	2.747	3.193	2.604	2.917	230996	C1orf159	NM_145557_4_+1
Hadhb	7.262	7.217	6.837	6.825	6.067	5.915	6.169	6.296	6.226	6.148	231086	HADHB	NM_145558_5_+1
Slc2a9	-4.981	-2.073	-4.161	-3.236	-3.787	-3.842	-3.498	-3.287	-0.062	-0.747	117591	SLC2A9	NM_145559_5_-1
Tmprss11d	-3.090	-0.602	-5.016	-4.824	-1.430	1.972	-4.903	-3.562	-4.981	-4.981	231382	TMPRSS11D	NM_145561_5_-1
Parm1	-1.581	-1.499	-4.426	-3.246	-1.462	-0.724	-2.361	-1.107	-2.377	-4.981	231440	PARM1	NM_145562_5_+1
Zfp932	4.846	4.189	3.756	3.471	4.063	3.980	4.301	3.593	3.099	3.430	69504	NA	NM_145563_5_+1
Fbxo21	3.272	3.407	3.707	3.630	3.996	3.768	3.590	3.239	3.861	3.404	231670	FBXO21	NM_145564_5_+1
Hibadh	7.299	7.389	6.487	6.594	5.891	5.943	5.873	6.045	5.671	5.724	58875	HIBADH	NM_145567_6_-1
Krcc1	6.410	6.233	6.652	6.709	5.992	5.699	6.028	5.647	5.298	5.343	57896	KRCC1	NM_145568_6_+1
Mat2a	6.930	6.997	7.799	7.607	7.303	7.346	7.448	7.653	7.571	7.816	232087	MAT2A	NM_145569_6_-1
Eva1a	-4.981	-1.137	-0.186	2.396	-3.534	-3.192	-4.806	-1.199	-4.981	-4.981	232146	EVA1A	NM_145570_6_+1
Mob1a	3.534	3.632	5.973	6.014	5.876	5.931	5.845	6.041	7.017	7.355	232157	MOB1A	NM_145571_6_+1
Mrps35	6.108	6.576	4.920	5.419	4.921	5.455	5.015	5.279	4.300	4.356	232536	MRPS35	NM_145573_6_+1
Cald1	-3.349	-2.060	-2.435	-3.214	-2.563	-3.913	-1.027	-1.851	-0.378	-0.617	109624	NA	NM_145575_6_+1
Zfp212	2.707	2.073	2.765	2.918	3.127	2.560	2.786	2.572	3.437	3.500	232784	ZNF212	NM_145576_6_+1
Zfp772	1.908	2.062	1.072	1.194	1.455	1.174	1.037	0.920	1.806	1.416	232855	ZNF773	NM_145577_7_-1
Ube2m	4.901	5.113	4.951	5.300	4.495	4.583	4.225	4.315	4.744	4.488	22192	UBE2M	NM_145578_7_-1
Mypop	-0.406	-0.615	-0.796	-0.609	-0.614	-0.539	-1.014	-1.423	-1.109	-0.560	232934	MYPPOP	NM_145579_7_+1
Igflr1	2.060	1.971	1.999	2.115	3.120	3.982	2.420	3.088	3.058	2.771	101883	IGFLR1	NM_145580_7_+1
Siglec8	-4.359	-4.981	-2.426	-1.488	0.213	-0.323	0.330	-0.273	0.735	-4.852	233186	SIGLEC8	NM_145581_7_+1
Ctu1	2.111	1.838	1.615	1.875	1.866	1.992	2.080	2.314	2.861	2.696	233189	CTU1	NM_145582_7_+1
Pgap2	4.630	4.305	5.724	5.895	5.530	5.476	5.917	5.828	5.426	5.372	233575	NA	NM_145583_7_+1
Spon1	1.818	2.084	-0.783	-0.494	3.387	1.690	3.831	3.851	2.366	2.842	233744	SPON1	NM_145584_7_+1
Thumpd1	5.546	5.598	5.413	5.390	5.533	5.534	5.406	5.364	5.064	5.048	233802	THUMPD1	NM_145585_7_-1
Tmem159	2.701	2.981	3.203	3.449	1.641	2.476	3.351	3.737	4.122	4.446	233806	TMEM159	NM_145586_7_+1
Sbk1	2.920	2.772	0.175	0.848	0.988	1.992	2.754	4.297	5.548	6.272	104175	SBK1	NM_145587_7_+1
Kif22	0.442	0.127	3.362	3.827	4.501	4.007	3.995	3.536	2.898	1.905	110033	KIF22	NM_145588_7_-1
Prr14	5.582	5.676	5.804	5.901	6.179	6.072	6.087	6.033	6.563	6.354	233895	PRR14	NM_145589_7_+1
BC017158	3.611	3.146	3.410	3.884	3.583	3.702	3.841	4.159	4.104	4.043	233913	C16orf58	NM_145590_7_-1
Zfp958	3.887	3.809	3.887	3.817	4.026	4.042	4.004	3.739	3.282	3.910	233987	NA	NM_145591_8_+1
Cbr4	4.724	4.438	4.334	4.090	3.729	3.825	3.505	3.301	3.140	2.913	234309	CBR4	NM_145595_8_+1
Gatad2a	3.227	3.780	4.888	5.034	5.355	4.737	5.052	4.597	5.319	5.027	234366	GATAD2A	NM_145596_8_-1
Tmem161a	4.172	3.926	2.151	1.850	2.862	3.490	3.045	2.573	3.009	3.293	234371	TMEM161A	NM_145597_8_+1
Nxn1l	1.430	1.870	-1.780	-2.224	-2.310	-3.013	-3.666	-4.054	-4.981	-1.774	234404	NXN1L	NM_145598_8_-1
Tmem184c	4.743	4.721	4.504	4.706	4.335	4.307	4.205	4.395	4.074	4.861	234463	TMEM184C	NM_145599_8_-1
Zfp330	6.323	6.258	6.015	6.034	5.858	5.815	5.823	5.771	5.067	5.369	30932	ZNF330	NM_145600_8_-1
Cngb1	-1.665	-4.981	-4.127	-3.646	-4.916	-3.332	-1.682	-3.160	-2.265	-2.571	333329	NA	NM_145601_8_-1
Ndr4	-4.981	-0.925	-1.617	-1.720	-3.083	-2.274	-4.597	-4.529	-4.981	-2.202	234593	NDRG4	NM_145602_8_+1
Ces2c	-4.981	-4.981	-1.363	1.687	-3.994	-1.504	-4.886	-2.440	-4.981	-4.981	234671	NA	NM_145603_8_+1
D230025D16Rik	3.556	3.700	3.969	3.712	3.859	3.920	4.448	4.436	5.985	5.630	234678	C16orf70	NM_145604_8_+1
Klhdc4	4.954	4.595	4.747	4.213	4.640	4.138	4.733	3.915	4.310	3.486	234825	KLHDC4	NM_145605_8_-1
Chmp1a	6.745	6.757	7.187	7.309	7.013	7.089	7.026	7.066	7.676	7.368	234852	CHMP1A	NM_145606_8_-1
Ttc13	5.170	4.398	3.800	3.853	3.798	3.729	3.712	4.207	4.748	4.993	234875	TTC13	NM_145607_8_-1

Msantd4	3.830	4.314	4.289	4.352	4.165	3.997	3.771	4.268	3.589	4.273	78100	MSANTD4	NM_145609_9_+1
Ppan	5.013	4.990	5.711	5.811	5.073	5.066	4.938	4.984	3.761	3.194	235036	PPAN	NM_145610_9_+1
Kank2	2.211	2.576	-2.905	-3.328	-4.009	-2.894	-2.433	-2.887	0.147	-1.577	235041	KANK2	NM_145611_9_-1
Zfp810	5.809	5.622	4.072	3.845	4.057	3.814	3.720	3.633	3.327	3.407	235050	NA	NM_145612_9_-1
Dlat	4.639	4.828	4.945	5.062	4.909	4.989	5.086	5.130	5.593	5.539	235339	DLAT	NM_145614_9_-1
Etfa	7.237	7.259	6.832	7.013	6.858	6.842	6.797	6.716	6.050	6.156	110842	ETFA	NM_145615_9_-1
Lrrc49	-4.408	-4.765	-0.432	-0.018	-1.359	-1.038	-1.842	-0.429	0.959	0.963	102747	LRRC49	NM_145616_9_-1
Herc1	5.456	5.430	5.949	5.959	6.573	6.695	6.120	6.053	6.110	6.255	235439	HERC1	NM_145617_9_+1
Ice2	3.838	4.492	3.389	3.200	3.606	3.876	3.379	3.612	2.700	3.424	93697	ICE2	NM_145618_9_+1
Parp3	5.711	5.510	4.431	3.325	4.413	3.703	4.175	2.666	4.395	2.892	235587	PARP3	NM_145619_9_-1
Rrp9	4.720	4.740	4.137	4.269	4.431	4.507	4.122	4.299	3.515	3.479	27966	RRP9	NM_145620_9_+1
Camkv	-0.533	-0.243	-4.981	-4.981	-4.961	-4.961	-4.981	-4.981	-4.981	-4.981	235604	CAMKV	NM_145621_9_+1
Zfp65	2.575	2.825	3.176	2.825	3.275	2.662	3.105	2.720	2.534	3.281	235907	ZNF253	NM_145622_13_-1
Zfp709	2.580	2.800	3.055	1.787	2.305	2.827	3.092	2.566	3.005	3.753	236193	ZNF443	NM_145624_8_+1
Eif4b	6.438	6.386	7.123	7.371	7.651	7.660	7.781	7.525	7.208	7.387	75705	EIF4B	NM_145625_15_+1
Rbm10	-3.937	-3.825	-4.229	-0.152	-3.174	-2.763	-2.710	-3.457	-1.789	-4.168	236732	RBM10	NM_145627_X_+1
Usp11	5.038	4.943	3.935	3.400	5.027	5.068	3.595	3.614	0.779	2.340	236733	USP11	NM_145628_X_+1
Pls3	-3.669	-3.609	-4.246	-3.177	-4.729	-4.926	-4.419	-4.796	-4.538	-4.810	102866	PLS3	NM_145629_X_-1
Pdk3	6.071	5.985	5.770	5.934	6.085	6.210	6.257	6.216	5.531	5.766	236900	PDK3	NM_145630_X_-1
Polr2h	5.364	5.381	5.208	5.131	4.979	4.819	5.087	4.967	3.550	3.704	245841	POLR2H	NM_145632_16_+1
Ankrd27	4.924	4.797	4.425	4.684	4.781	5.081	4.569	4.320	4.695	4.882	245886	ANKRD27	NM_145633_7_+1
Cd300lf	6.171	6.540	2.391	2.785	6.912	7.286	4.912	4.580	3.902	3.540	246746	CD300LF	NM_145634_11_-1
Il27	-2.013	-4.981	0.288	0.800	-0.963	-0.335	0.743	0.775	1.648	1.184	246779	IL27	NM_145636_7_-1
Alox12e	-4.981	-4.981	-4.388	-4.972	-4.963	-4.963	-1.373	-4.798	-4.981	-4.981	11685	NA	NM_145684_11_-1
Cep112	-4.981	-4.981	-4.981	-4.981	-1.387	-1.650	-4.981	-4.981	-4.981	-4.981	76380	CEP112	NM_145688_11_+1
Ppp1r42	-4.981	-2.600	-4.942	-4.942	-4.982	-4.415	-4.623	-3.675	-1.124	-4.981	69312	PPP1R42	NM_145692_1_-1
Ackr4	-3.668	-4.981	-3.722	-4.220	-2.938	-3.204	-4.031	-3.876	-3.242	-2.588	252837	ACKR4	NM_145700_9_-1
Kcnp12	-4.920	-4.981	-4.981	-4.981	-4.975	-4.981	-4.966	-4.979	-4.965	-4.977	80906	KCNIP2	NM_145703_19_-1
Kcnp2	-4.850	-4.981	-4.940	-3.874	-4.953	-4.973	-4.944	-4.975	-4.935	-4.965	80906	KCNIP2	NM_145704_19_-1
Tinf2	4.166	4.704	5.808	6.029	5.346	5.302	5.447	5.210	4.743	4.368	28113	TINF2	NM_145705_14_-1
Nup43	3.787	3.955	3.009	3.376	3.356	3.090	3.325	2.949	1.672	1.142	69912	NUP43	NM_145706_10_+1
Tox	-4.981	-1.589	-2.737	-1.043	-3.819	-1.504	-2.183	-0.315	-4.394	-2.616	252838	TOX	NM_145711_4_-1
Hist1h1d	0.755	1.020	1.980	1.291	3.483	2.481	3.147	1.919	3.105	1.887	14957	HIST1H1D	NM_145713_13_+1
Dhx35	2.088	1.618	1.828	2.025	2.369	2.100	1.798	2.169	2.831	2.727	71715	DHX35	NM_145742_2_+1
Lace1	2.428	2.663	1.927	1.512	2.164	2.189	1.754	2.068	1.882	2.307	215951	LACE1	NM_145743_10_-1
0610010K14Rik	4.931	4.697	3.821	3.809	4.334	4.393	4.235	4.050	2.680	3.008	104457	C17orf49	NM_145758_11_-1
Arfgap1	3.915	4.298	3.974	4.486	3.749	4.335	4.173	4.364	4.917	4.673	228998	ARFGAP1	NM_145760_2_+1
Mzf1	-4.201	-4.178	-2.608	-4.774	-3.367	-3.111	-2.396	-4.901	-0.346	-2.306	109889	MZF1	NM_145819_7_-1
Vepf1	-3.189	-2.260	-3.567	-3.312	-3.529	-4.205	-3.323	-4.478	-2.338	-2.789	72789	VEPF1	NM_145820_3_-1
Cd3eap	4.324	4.117	4.811	4.576	4.064	4.020	4.118	3.741	3.793	3.287	70333	CD3EAP	NM_145822_7_-1
Pitpnc1	2.440	2.180	2.130	2.335	3.758	4.089	3.693	3.807	3.452	3.804	71795	NA	NM_145823_11_-1
Ranbp10	3.916	3.988	5.135	5.161	4.811	4.867	5.001	4.782	5.091	5.056	74334	RANBP10	NM_145824_8_-1
Cetn4	0.678	-1.062	2.371	0.461	0.056	-1.174	-0.181	-1.149	-1.488	-3.758	207175	NA	NM_145825_3_-1
Il17re	0.420	-0.356	-3.079	-2.792	-3.973	-1.066	-4.551	-1.242	-1.596	-3.229	57890	IL17RE	NM_145826_6_+1
Nlrp3	0.140	1.280	3.124	3.337	4.771	5.264	4.758	4.946	4.801	5.709	216799	NLRP3	NM_145827_11_+1
Xylt2	3.146	3.122	2.534	2.779	2.952	3.102	3.395	3.263	4.397	4.445	217119	XYL2	NM_145828_11_-1
Nags	-4.981	-4.981	-4.089	-2.598	-4.575	-4.604	-4.969	-2.883	-4.981	-3.461	217214	NAGS	NM_145829_11_+1
Ehmt2	0.172	1.321	1.993	1.867	1.338	1.455	1.706	1.119	2.479	2.940	110147	EHMT2	NM_145830_17_+1
Dmrt2	-0.593	0.554	-4.935	-2.147	-3.066	-0.034	-4.935	-3.365	-4.981	-4.981	226049	DMRT2	NM_145831_19_+1
Slc35c1	2.178	2.108	2.837	3.296	3.264	2.864	3.895	3.323	5.747	5.418	228368	SLC35C1	NM_145832_2_-1
Lin28a	-3.090	-2.883	-4.959	-4.959	-4.605	-4.145	-3.575	-2.925	-0.359	-4.316	83557	LIN28A	NM_145833_4_-1
Il17c	-4.981	-3.267	-4.292	-4.451	-4.017	-4.594	-3.648	-4.323	-2.809	-3.816	234836	IL17C	NM_145834_8_+1
Irf2bpl	1.484	2.226	1.299	1.285	1.889	2.350	2.484	3.359	4.356	4.616	238330	IRF2BPL	NM_145836_12_-1
Il17d	1.353	2.247	-1.820	-2.181	-1.272	-1.874	-3.291	-3.858	-4.981	-4.981	239114	IL17D	NM_145837_14_+1
St8sia6	2.504	0.300	2.547	3.234	7.005	7.439	6.696	6.206	1.559	3.244	241230	ST8SIA6	NM_145838_2_-1
Rasgef1b	2.238	1.562	4.848	5.114	6.705	7.078	5.648	5.427	2.766	2.497	320292	RASGEF1B	NM_145839_5_-1
Rgs9bp	-4.981	-4.981	-1.295	-0.526	-0.604	-0.644	-1.913	-1.804	-4.981	-4.227	243923	RGS9BP	NM_145840_7_-1
Cables2	4.002	3.790	4.966	5.240	4.364	4.399	4.597	4.615	5.117	4.736	252966	CABLES2	NM_145851_2_-1
Ropn1l	2.169	0.935	2.312	2.114	0.496	0.696	1.008	1.158	0.910	1.504	252967	ROPN1L	NM_145852_15_-1
Tpcn1	-1.034	-0.283	2.114	2.001	1.447	1.792	2.654	2.560	3.566	2.953	252972	TPCN1	NM_145853_5_-1
Il17f	-4.981	-4.981	-3.129	-4.931	-3.952	-4.643	-3.199	-4.934	-3.750	-4.981	257630	IL17F	NM_145856_1_-1
Nod2	0.649	-0.356	2.513	3.954	2.365	4.186	2.650	3.836	2.317	5.361	257632	NOD2	NM_145857_8_+1
Grhl1	-2.769	-0.750	-2.099	-4.278	-1.686	-4.406	-2.465	-3.299	-1.815	-1.035	195733	GRHL1	NM_145890_12_+1
Porcn	-4.149	-3.809	-3.855	-4.817	-4.141	-4.952	-3.906	-4.855	-3.471	-4.925	53627	PORCN	NM_145907_X_-1
Porcn	-4.204	-3.854	-0.930	-1.028	-4.515	-1.722	-2.650	-1.680	-1.154	-0.025	53627	PORCN	NM_145908_X_-1
Zfp7	1.704	1.827	1.492	2.090	1.585	1.745	1.751	1.638	2.258	2.578	223669	ZNF7	NM_145916_15_+1
Abhd14a	-4.161	3.982	-3.029	-0.592	-3.924	-1.153	-2.155	0.659	-2.826	-0.851	68644	ABHD14A	NM_145919_9_-1
Rell1	7.737	7.805	4.197	3.911	4.240	3.908	4.712	4.363	5.682	5.415	100532	RELL1	NM_145923_5_-1
Cenpi	0.964	0.357	2.249	1.814	1.859	1.535	1.383	-1.126	-3.778	0.044	102920	CENPI	NM_145924_X_+1
Pttg1ip	6.718	6.969	7.361	7.420	6.010	6.282	6.518	6.904	7.297	7.407	108705	PTTG1IP	NM_145925_10_+1
Mgat4b	3.019	2.649	4.658	4.659	2.954	3.190	4.138	4.221	4.684	4.796	103534	MGAT4B	NM_145926_11_+1
Fntb	1.522	1.775	1.021	0.970	0.822	0.848	0.770	1.291	0.648	0.876	110606	FNTB	NM_145927_12_+1
Tspan14	5.456	5.327	5.121	5.105	5.822	6.372	6.493	6.663	7.694	7.616	52588	TSPAN14	NM_145928_14_-1
Gga1	3.703	3.711	4.759	4.780	4.648	4.300	4.775	4.736	5.758	5.573	106039	GGA1	NM_145929_15_+1

AW549877	5.113	5.049	5.747	5.377	3.701	4.143	5.076	5.441	5.878	6.406	106064	C5orf51	NM_145930_15_-1
Zc3h7a	6.194	6.361	6.891	6.702	6.239	6.060	6.137	6.224	6.303	6.568	106205	ZC3H7A	NM_145931_16_-1
Slc51a	-4.981	-4.981	-4.950	-4.950	-4.483	-4.307	-4.843	-4.044	-4.981	-4.981	106407	SLC51A	NM_145932_16_-1
St6gal1	5.144	5.723	5.489	5.423	5.572	6.019	5.324	5.668	3.406	5.051	20440	ST6GAL1	NM_145933_16_+1
Stap2	0.289	0.361	3.186	4.154	2.347	2.840	2.851	2.143	-0.885	-4.981	106766	STAP2	NM_145934_17_-1
Sumf1	6.162	6.274	6.654	6.586	6.749	6.378	6.521	6.150	6.819	7.041	58911	SUMF1	NM_145937_6_-1
Rpp40	4.347	4.734	2.085	2.524	2.217	2.190	2.408	2.398	0.812	1.461	208366	RPP40	NM_145938_13_-1
Alg3	5.091	5.182	4.308	4.422	4.516	4.483	4.217	4.528	3.826	3.741	208624	ALG3	NM_145939_16_-1
Wipi1	-0.709	0.389	-0.751	-0.169	-1.312	0.206	0.847	1.894	3.156	2.844	52639	WIP1	NM_145940_11_-1
Eif4g1	4.349	4.190	5.262	5.470	5.408	5.414	5.179	5.351	6.121	6.111	208643	EIF4G1	NM_145941_16_+1
Hmgcs1	4.175	5.669	3.827	3.214	3.004	3.451	3.344	2.517	3.523	4.132	208715	HMGCS1	NM_145942_13_+1
Sde2	5.732	5.767	5.275	5.251	5.468	5.616	5.819	5.658	5.537	5.423	208768	SDE2	NM_145943_1_+1
Ccdc25	5.121	4.975	4.933	4.793	4.955	4.845	4.939	4.810	4.294	4.301	67179	CCDC25	NM_145944_14_+1
Fanci	-2.187	-1.525	1.099	1.004	1.810	1.002	1.163	0.988	1.064	-0.452	208836	FANCI	NM_145946_7_+1
Ido2	-4.981	-4.981	-2.890	-4.945	-3.837	-2.748	-3.699	-2.021	-4.981	-4.981	209176	IDO2	NM_145949_8_-1
Osgin2	3.771	3.753	3.529	3.516	4.622	4.599	4.569	4.235	4.162	4.094	209212	OSGIN2	NM_145950_4_-1
Enox2	-4.752	-4.330	-2.716	-3.674	-4.936	-4.973	-4.847	-4.969	-1.531	-4.575	209224	ENOX2	NM_145951_X_-1
Tbc1d12	1.897	1.878	2.407	1.827	0.723	1.492	1.237	1.429	1.495	2.102	209478	TBC1D12	NM_145952_19_+1
Cth	-4.981	0.175	-0.936	1.231	-3.481	-2.809	-3.564	-1.085	-4.981	-1.296	107869	CTH	NM_145953_3_-1
Aldh16a1	3.945	3.586	5.276	5.465	4.958	4.802	5.178	5.013	5.374	5.297	69748	ALDH16A1	NM_145954_7_-1
Mcmbp	5.919	5.966	6.352	6.230	6.201	6.057	6.371	6.478	7.032	7.070	210711	MCMBP	NM_145955_7_-1
Brc3	1.115	0.303	0.088	-0.305	-0.977	-0.729	0.789	-0.870	0.629	1.537	210766	BRCC3	NM_145956_X_+1
Kbtbd2	4.801	4.614	5.267	5.292	5.065	5.143	5.330	5.655	6.128	6.471	210973	KBTBD2	NM_145958_6_-1
Fam91a1	5.175	5.434	7.048	6.848	5.733	5.945	5.983	6.138	6.505	6.730	210998	FAM91A1	NM_145959_15_+1
Mtrf1	4.076	3.877	3.144	2.837	3.187	2.941	2.904	3.205	2.786	2.926	211253	MTRF1	NM_145960_14_+1
Pank3	4.098	3.925	4.409	3.365	4.099	3.583	4.386	3.999	4.947	5.429	211347	PANK3	NM_145962_11_+1
Ap1ar	4.160	4.417	4.752	4.966	4.469	4.675	4.322	4.887	4.749	4.856	211556	AP1AR	NM_145964_3_-1
Gphn	3.700	4.053	3.649	3.591	3.723	3.462	3.737	3.419	2.979	2.737	268566	GPHN	NM_145965_12_+1
Tagap	7.137	7.188	6.136	6.242	8.952	9.271	7.328	6.973	5.579	5.529	72536	TAGAP	NM_145968_17_+1
Dennd6a	2.590	3.300	4.306	4.364	5.039	4.742	4.884	4.606	4.356	4.690	211922	DENND6A	NM_145969_14_+1
Cc2d1a	4.049	4.073	3.612	3.848	3.792	3.949	3.720	3.852	3.797	4.387	212139	CC2D1A	NM_145970_8_-1
Nepro	2.523	2.676	3.381	2.570	2.869	2.575	2.813	2.401	3.314	3.236	212547	NEPRO	NM_145972_16_+1
Ell3	0.215	-0.773	1.025	1.679	-1.301	2.095	0.577	3.888	-1.232	-0.305	269344	ELL3	NM_145973_2_-1
N4bp3	6.439	6.191	2.268	2.521	4.431	4.478	4.108	3.240	0.476	1.773	212706	N4BP3	NM_145974_11_-1
Tifab	4.147	2.630	5.125	5.382	3.004	3.635	4.279	4.942	5.647	6.118	212937	TIFAB	NM_145976_13_-1
Slc45a3	-3.266	-3.536	-3.899	-4.312	-4.272	-4.776	-3.779	-4.539	-4.050	-4.352	212980	SLC45A3	NM_145977_1_+1
Pdlim2	6.059	6.008	4.687	4.671	4.499	4.907	4.709	4.535	3.934	4.302	213019	PDILIM2	NM_145978_14_-1
Chd4	4.952	5.082	5.860	6.201	5.753	5.892	5.900	6.091	5.775	6.447	107932	CHD4	NM_145979_6_+1
8430408G22Rik	-1.965	-0.811	-0.941	-0.497	0.407	0.458	-0.066	0.430	0.155	2.491	213393	C10orf10	NM_145980_6_+1
Phyhip	-4.981	-4.981	-4.988	-2.303	-4.665	-2.452	-2.710	-2.162	-4.394	-4.227	105653	PHYHIP	NM_145981_14_+1
Prepl	-4.176	-3.591	-3.888	-4.724	-4.618	-4.891	-2.598	-2.823	-4.663	-4.768	213760	PREPL	NM_145984_17_-1
Arcn1	6.561	6.597	7.317	7.364	7.113	7.087	7.097	7.265	7.882	8.185	213827	ARCN1	NM_145985_9_-1
Fam83f	3.634	3.296	-1.243	-0.799	-2.049	-1.935	0.198	0.169	2.604	2.443	213956	FAM83F	NM_145986_15_+1
Tmem82	-4.981	-4.981	-2.619	-2.373	-2.755	-2.808	-2.846	-2.287	-2.682	-3.619	213989	TMEM82	NM_145987_4_-1
Cdk5rap2	3.495	3.236	3.187	3.199	4.133	4.211	3.535	3.684	2.529	2.618	214444	CDK5RAP2	NM_145990_4_-1
Cdc73	4.289	4.496	4.599	4.754	4.676	4.676	4.537	4.654	4.605	4.863	214498	CDC73	NM_145991_1_-1
L3mbtl2	3.683	3.517	3.653	3.659	4.027	4.053	4.159	3.948	4.479	4.056	214669	L3MBTL2	NM_145993_15_+1
Abi1	-1.077	-1.121	-2.760	-1.567	-1.680	-4.913	-1.477	-2.503	0.141	-1.333	11308	ABI1	NM_145994_2_-1
Arid5a	3.453	3.876	-0.079	0.623	0.919	1.079	2.151	2.095	2.974	2.051	214855	ARID5A	NM_145996_1_+1
Kdm5a	5.900	5.834	6.561	6.427	6.407	6.484	6.157	6.236	6.105	6.187	214899	KDM5A	NM_145997_6_+1
Rhot2	3.366	3.508	3.423	3.311	3.439	3.332	3.227	2.997	3.577	3.340	214952	RHOT2	NM_145999_17_-1
Bud13	3.205	3.321	3.436	3.422	3.665	3.486	3.478	3.242	3.795	3.597	215051	BUD13	NM_146000_9_+1
Hip1	2.915	3.622	1.967	4.118	1.586	3.052	4.474	5.036	6.588	6.601	215114	HIP1	NM_146001_5_-1
Rhbdd2	4.004	4.327	3.705	4.337	4.245	4.793	3.551	3.916	2.716	2.354	215160	RHBDD2	NM_146002_5_+1
Senp6	5.684	5.822	5.249	4.932	5.626	5.665	5.635	4.944	4.774	4.656	215351	SENP6	NM_146003_9_+1
Mfsd6l	-4.981	-4.981	-4.966	-3.599	-1.823	-2.923	-3.806	-2.238	0.146	-1.148	215723	MFSD6L	NM_146004_11_+1
Lss	4.403	4.519	3.377	3.169	2.742	2.759	2.741	2.759	2.660	2.753	16987	LSS	NM_146006_10_+1
Tcp11l2	5.549	5.660	4.129	4.112	4.457	4.806	5.612	6.231	7.153	7.266	216198	TCP11L2	NM_146008_10_+1
Cep290	4.639	5.355	3.836	5.716	3.854	4.835	3.260	3.886	2.491	2.336	216274	CEP290	NM_146009_10_+1
Tspan8	-4.889	-1.179	-4.141	0.302	-2.614	-0.076	-4.919	-0.076	-4.961	-2.047	216350	TSPAN8	NM_146010_10_+1
Arhgap9	6.876	6.898	6.076	6.065	7.121	6.894	7.842	7.846	8.569	8.583	216445	ARHGAP9	NM_146011_10_+1
Ctdsp2	3.658	3.608	4.275	4.539	3.857	3.891	4.754	4.765	5.079	5.345	52468	CTDSP2	NM_146012_10_+1
Sec14l4	-4.981	-4.981	-2.698	-3.422	-4.983	-4.366	-4.883	-3.841	-4.981	-4.981	103655	SEC14L4	NM_146013_11_+1
Ccm2	6.301	6.042	6.435	6.230	6.117	5.975	6.333	6.118	6.586	6.222	216527	CCM2	NM_146014_11_+1
Eml6	1.227	1.168	3.129	2.745	1.620	1.109	1.871	1.315	2.524	1.631	237711	EML6	NM_146016_11_-1
Fln	3.948	3.889	3.463	3.339	3.755	3.690	3.997	4.027	5.706	5.146	216805	FLN	NM_146018_11_-1
Chd3	3.798	3.655	5.340	5.445	6.329	6.481	5.882	5.615	3.449	3.557	216848	CHD3	NM_146019_11_-1
Gltpd2	-4.981	-4.981	-4.981	-4.981	-4.993	-4.136	-4.981	-4.981	-4.981	-4.981	216871	GLTPD2	NM_146020_11_+1
Gm21975	5.536	5.898	5.846	5.948	5.992	6.317	5.446	5.945	6.153	6.645	101488212	EV12B	NM_146023_11_-1
Ankrd40	-2.093	-2.265	-2.120	-2.170	-1.795	-2.281	-1.982	-3.709	-1.362	-0.551	71452	ANKRD40	NM_146024_11_+1
Samd14	-1.949	-1.346	-2.661	0.146	0.448	1.106	-1.332	0.536	-1.255	0.689	217125	SAMD14	NM_146025_11_+1
Prr15l	-4.981	-4.981	-3.999	-2.603	-1.179	-2.019	-3.376	-3.846	-2.839	-3.498	217138	PRR15L	NM_146026_11_+1
Scrn2	2.733	2.310	2.030	2.005	2.438	2.707	1.464	1.249	-0.783	-1.696	217140	SCRN2	NM_146027_11_+1
Stac2	1.076	0.204	-4.256	-3.133	-3.775	-2.902	-1.850	-0.153	-1.278	-0.826	217154	STAC2	NM_146028_11_-1

Plekhh3	-2.494	-0.976	-4.708	-1.684	-2.768	-1.619	-1.129	0.663	2.536	3.414	217198	PLEKHH3	NM_146030_11_-_1
Srp68	6.062	6.095	5.611	5.882	5.710	5.706	5.738	5.950	5.856	5.743	217337	SRP68	NM_146032_11_-_1
Ankmy2	5.619	5.523	5.143	5.072	4.877	4.895	4.535	4.547	4.025	4.272	217473	ANKMY2	NM_146033_12_+_1
Mia2	5.607	5.495	5.853	5.946	5.751	5.810	5.641	5.811	6.658	6.614	338320	MIA2	NM_146034_12_+_1
Mgat2	6.750	6.368	6.721	6.658	5.961	5.814	6.460	6.475	6.691	6.952	217664	MGAT2	NM_146035_12_+_1
Ahsa1	6.630	6.713	6.629	6.566	6.571	6.553	6.471	6.493	6.289	6.116	217737	AHSA1	NM_146036_12_+_1
Kcnk13	-1.580	-2.449	-1.755	-0.795	-1.036	-1.647	-0.495	-0.935	-0.901	-0.128	217826	KCNK13	NM_146037_12_+_1
Wdr60	2.150	2.360	0.177	0.939	0.453	1.270	-0.738	1.028	-4.394	0.603	217935	WDR60	NM_146039_12_-_1
Cdca7l	4.713	4.484	5.418	5.017	5.134	5.027	4.687	4.158	3.241	2.578	217946	CDCA7L	NM_146040_12_+_1
Gmds	4.742	4.920	3.696	4.201	2.511	2.901	2.301	3.175	2.381	2.434	218138	GMD5	NM_146041_13_-_1
Rnf144b	-2.507	-1.680	0.942	0.164	-0.720	-0.555	-3.546	-2.058	-4.161	-2.941	218215	RNF144B	NM_146042_13_+_1
Spin1	6.420	6.480	4.791	4.617	4.779	4.717	4.775	5.008	4.779	5.278	20729	SPIN1	NM_146043_13_+_1
B4gal7	3.246	3.295	2.630	2.327	2.641	2.568	2.816	3.379	3.669	3.673	218271	B4GAL7	NM_146045_13_+_1
Clptm1l	7.118	7.325	7.300	7.509	7.154	7.451	6.973	7.274	7.352	7.275	218335	CLPTM1L	NM_146047_13_+_1
Oit1	-4.981	-4.981	-2.507	-1.871	0.150	3.648	-2.219	-1.331	-4.981	-4.981	18300	FAM3D	NM_146050_14_-_1
3830406C13Rik	3.438	2.319	2.792	2.296	2.173	2.322	2.401	2.072	2.349	1.980	218734	C3orf14	NM_146051_14_+_1
Lrrc3b	-4.981	-4.981	-4.981	-4.981	-4.338	-3.808	-4.960	-1.832	-4.981	-4.981	218763	LRRC3B	NM_146052_14_-_1
Fermt2	-2.164	-3.315	-3.256	-3.425	-3.874	-4.068	-4.955	-3.300	-4.981	-4.981	218952	FERMT2	NM_146054_14_-_1
Ccar2	3.710	3.856	4.508	4.483	4.649	4.423	4.190	4.464	5.044	4.530	219158	CCAR2	NM_146055_14_-_1
Dap	9.361	9.824	6.036	6.552	5.634	5.324	6.505	6.557	6.422	6.545	223453	DAP	NM_146057_15_+_1
Ccdc166	1.306	2.144	1.204	1.253	1.558	1.035	1.372	0.090	1.391	1.224	223648	CCDC166	NM_146059_15_-_1
Prr5	6.382	5.893	5.208	4.518	3.421	2.787	2.866	3.710	2.249	2.079	109270	PRR5	NM_146061_15_+_1
Pphln1	2.970	3.027	3.666	3.201	3.180	2.598	3.553	2.635	3.494	2.947	223828	PPHLN1	NM_146062_15_+_1
Soat2	1.366	0.108	0.219	0.386	2.507	2.658	1.008	0.928	0.450	-0.154	223920	SOAT2	NM_146064_15_+_1
Gspt1	5.630	5.495	5.477	5.604	5.152	5.201	5.419	5.402	4.576	5.156	14852	GSPT1	NM_146066_16_-_1
Cpped1	4.408	4.504	3.959	4.370	3.143	3.086	3.297	3.679	4.260	4.275	223978	CPPED1	NM_146067_16_-_1
Spidr	3.174	3.807	2.926	3.008	3.655	3.403	3.772	3.739	4.478	4.862	224008	SPIDR	NM_146068_16_-_1
Nrros	7.088	6.378	7.447	7.452	9.296	9.431	8.791	8.950	9.449	9.678	224109	NRROS	NM_146069_16_-_1
Muc20	-4.981	-4.981	-4.859	-3.257	-4.958	-4.909	-2.601	2.607	-4.981	-4.981	224116	MUC20	NM_146071_16_-_1
Zdhhc14	5.450	5.898	3.644	4.803	1.835	3.937	1.578	3.478	1.353	3.311	224454	ZDHHC14	NM_146073_17_+_1
Tfb1m	4.027	4.226	2.824	3.230	3.115	3.350	2.888	2.990	1.412	2.056	224481	TFB1M	NM_146074_17_-_1
Lemd2	5.119	5.294	5.565	5.632	5.672	5.848	5.980	6.021	6.374	6.447	224640	LEMD2	NM_146075_17_-_1
Ubr2	4.698	3.913	4.164	3.902	4.338	3.269	4.537	4.079	4.985	4.016	224826	UBR2	NM_146078_17_-_1
Guca1b	-1.391	-4.981	-1.143	-4.973	-1.180	-4.927	-1.621	-4.960	-2.121	-4.981	107477	GUCA1B	NM_146079_17_+_1
Ppp4r1	-1.692	0.280	0.766	2.365	1.378	0.438	1.435	0.662	4.370	4.366	70351	PPP4R1	NM_146081_17_+_1
Srsf7	5.982	6.097	6.409	6.523	6.707	6.570	6.182	6.097	3.967	5.006	225027	SRSF7	NM_146083_17_-_1
Fam13b	3.539	3.990	4.736	4.919	4.917	5.535	4.694	4.781	4.885	5.079	225358	FAM13B	NM_146084_18_-_1
Apbb3	2.768	3.395	2.827	2.573	3.634	3.575	2.920	3.100	2.955	2.801	225372	APBB3	NM_146085_18_-_1
Csnk1a1	7.418	7.305	7.436	7.269	7.120	7.046	7.133	7.030	7.405	7.238	93687	CSNK1A1	NM_146087_18_+_1
Haus1	3.951	4.025	3.938	3.860	4.272	3.941	3.823	3.746	2.235	1.621	225745	HAUS1	NM_146089_18_-_1
Zadh2	2.286	2.133	3.993	3.695	2.845	2.379	3.012	2.656	4.212	2.868	225791	ZADH2	NM_146090_18_+_1
Ati3	3.595	3.423	3.649	3.791	3.726	3.378	3.645	2.840	3.340	3.830	109168	ATI3	NM_146091_19_+_1
Taf6l	4.339	3.934	4.132	4.474	3.450	3.481	3.232	3.164	3.132	3.243	225895	TAF6L	NM_146092_19_-_1
Ubxn1	6.673	6.698	6.363	6.436	6.489	6.384	6.561	6.343	6.010	5.680	225896	UBXN1	NM_146093_19_+_1
Fads1	4.871	4.596	5.256	5.160	2.535	2.135	3.360	3.628	1.504	2.175	76267	FADS1	NM_146094_19_+_1
Abhd17b	7.669	8.244	5.281	5.084	4.932	4.852	4.897	5.163	5.209	5.352	226016	ABHD17B	NM_146096_19_+_1
Cbwd1	2.897	2.231	2.929	2.819	1.904	2.121	1.534	1.419	1.502	1.103	226043	CBWD1	NM_146097_19_-_1
Wbp1l	3.884	3.613	3.667	3.103	4.143	4.262	3.638	3.816	4.837	3.759	226178	WBP1L	NM_146099_19_+_1
Afap1l2	-4.064	-4.981	-4.943	-4.984	-4.981	-4.980	-4.919	-4.978	-4.981	-4.981	226250	AFAP1L2	NM_146102_19_-_1
Tmem185b	4.430	4.638	4.829	4.655	5.373	5.502	5.444	5.375	6.005	5.825	226351	TMEM185B	NM_146103_1_+_1
Aph1a	5.181	4.805	5.060	5.386	4.649	4.741	4.826	5.028	5.483	5.602	226548	APH1A	NM_146104_3_+_1
Cnst	2.524	2.679	3.289	3.228	3.093	3.163	3.858	3.623	4.904	4.526	226744	CNST	NM_146105_1_+_1
Lyplal1	1.735	3.662	-1.327	2.531	-1.505	3.229	-0.959	2.532	-2.086	3.114	226791	LYPLAL1	NM_146106_1_-_1
Actr1b	4.701	4.391	4.924	4.905	6.757	6.728	5.492	5.126	5.406	5.009	226977	ACTR1B	NM_146107_1_-_1
Hibch	4.005	4.132	3.663	3.842	3.658	3.859	3.658	3.448	3.781	4.003	227095	HIBCH	NM_146108_1_+_1
Als2	0.993	1.001	2.368	2.247	0.912	0.306	0.965	0.197	1.785	0.926	74018	ALS2	NM_146109_1_-_1
Aamp	6.770	6.772	7.164	7.230	7.043	7.018	6.927	6.936	6.890	6.845	227290	AAMP	NM_146110_1_-_1
Gigyf2	3.863	3.867	4.022	4.075	4.077	3.941	3.992	4.086	4.395	4.456	227331	GIGYF2	NM_146112_1_+_1
Dclre1c	5.967	6.569	4.431	4.261	5.139	5.398	4.660	4.569	4.659	4.435	227525	DCLRE1C	NM_146114_2_+_1
Tor4a	4.966	4.835	5.977	6.028	5.869	6.224	5.925	6.127	6.802	6.841	227612	TOR4A	NM_146115_2_-_1
Tubb4b	6.931	7.084	6.511	7.054	6.642	6.893	6.546	6.930	6.096	5.426	227613	TUBB4B	NM_146116_2_-_1
Slc25a25	-4.366	-4.413	-4.064	-2.382	-3.185	-3.418	-1.611	-4.752	-4.357	-4.737	227731	SLC25A25	NM_146118_2_-_1
Fam129b	0.522	0.783	0.982	0.323	2.181	0.591	3.352	4.084	6.770	6.554	227737	FAM129B	NM_146119_2_+_1
Gsn	-4.072	1.064	-0.131	0.449	-0.579	-0.117	0.029	-0.553	-0.637	0.200	227753	GSN	NM_146120_2_+_1
Rabgap1	4.063	4.085	4.573	4.590	4.736	4.647	4.515	4.545	5.018	4.902	227800	RABGAP1	NM_146121_2_+_1
Dennd1a	2.569	2.245	3.021	3.099	3.684	3.847	3.959	4.188	5.502	5.471	227801	DENND1A	NM_146122_2_-_1
Cacnb4	0.043	-2.755	-3.843	-4.311	0.603	0.564	-1.543	-2.150	-4.153	-1.532	12298	CACNB4	NM_146123_2_-_1
Arhgap1	-4.302	-4.027	-2.697	-1.107	-1.422	-2.430	0.164	-1.942	-1.547	0.955	228359	ARHGAP1	NM_146124_2_+_1
Itpka	0.612	0.820	-1.557	-3.463	-3.359	-3.526	-1.726	-3.955	-1.510	-4.227	228550	ITPKA	NM_146125_2_+_1
Sord	3.345	4.174	3.914	4.641	4.166	4.549	4.210	4.894	5.189	6.046	20322	SORD	NM_146126_2_+_1
Fam110a	3.952	2.166	2.389	1.878	2.189	0.770	1.849	1.978	3.170	3.478	73847	FAM110A	NM_146127_2_-_1
Dlgap4	-4.981	-4.981	-4.970	-4.970	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	228836	DLGAP4	NM_146128_2_+_1
Pcif1	5.083	5.212	5.285	5.128	5.872	5.613	5.860	5.785	6.575	6.130	228866	PCIF1	NM_146129_2_+_1
Hnrnpa3	5.918	5.353	5.843	5.533	5.675	5.762	5.757	5.127	4.499	4.872	229279	NA	NM_146130_2_+_1

Pbxip1	6.435	6.745	6.100	5.917	7.283	7.871	7.309	7.122	7.315	7.292	229534	PBXIP1	NM_146131_3_+1
Golph3l	5.036	5.366	5.163	5.334	5.070	5.183	5.410	5.609	5.881	6.087	229593	GOLPH3L	NM_146133_3_+1
Aph1a	3.803	3.891	3.000	3.247	2.303	2.636	2.765	2.985	3.313	3.643	226548	APH1A	NM_146134_3_+1
Pias3	-1.507	0.630	0.899	1.479	0.810	1.850	1.822	2.625	3.687	3.378	229615	PIAS3	NM_146135_3_+1
Slc16a4	-2.388	-4.981	-3.606	-4.642	-4.020	-4.098	-3.117	-4.955	-1.654	-2.148	229699	SLC16A4	NM_146136_3_+1
Amigo1	-0.267	-0.542	0.613	0.233	0.903	0.810	0.155	0.437	0.744	1.039	229715	AMIGO1	NM_146137_3_+1
Vav3	-4.926	-4.101	-3.745	-4.049	-4.221	-4.856	-4.511	-4.954	-2.899	-1.923	57257	VAV3	NM_146139_3_+1
Ppa2	6.507	6.300	5.434	5.515	5.261	5.239	5.203	5.295	4.726	4.858	74776	PPA2	NM_146141_3_+1
Tdrd7	2.799	3.253	4.844	4.349	4.953	4.591	5.391	5.218	6.852	6.895	100121	TDRD7	NM_146142_4_+1
Usp1	3.513	3.278	3.063	3.452	4.319	3.900	4.166	4.046	3.601	4.045	230484	USP1	NM_146144_4_+1
Jak1	6.585	6.663	7.343	7.294	7.681	7.652	7.781	7.923	8.331	8.494	16451	JAK1	NM_146145_4_-1
Lepr	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	16847	LEPR	NM_146146_4_+1
C8a	0.985	0.113	-4.981	-4.981	-4.981	-4.981	-4.977	-4.904	-4.981	-4.810	230558	C8A	NM_146148_4_-1
Fam151a	-4.981	-4.981	-4.527	-4.973	-4.871	-4.268	-4.981	-4.981	-4.981	-4.981	230579	FAM151A	NM_146149_4_+1
Nrd1	6.038	6.056	6.623	6.658	6.800	6.835	6.655	6.695	7.058	7.005	230598	NRDC	NM_146150_4_+1
Testk2	2.402	3.067	2.006	1.824	3.300	2.836	3.290	3.134	4.593	4.869	230661	TESK2	NM_146151_4_+1
Ipo13	2.546	2.855	3.459	3.573	3.550	3.490	3.559	3.461	3.942	4.070	230673	IP013	NM_146152_4_-1
Thrap3	5.187	5.081	6.301	6.078	6.487	6.275	6.222	5.732	6.152	5.784	230753	THRAP3	NM_146153_4_-1
Ppp1r8	4.122	4.258	4.723	4.693	4.661	4.659	4.533	4.330	4.422	4.136	100336	PPP1R8	NM_146154_4_-1
Ahdc1	1.777	1.545	-0.817	-0.893	-0.880	-0.530	-0.156	-0.017	0.946	0.415	230793	AHDC1	NM_146155_4_+1
Pdik1l	-3.575	0.170	0.807	-1.385	-0.133	-0.787	-3.184	-2.648	-1.110	1.018	230809	PDK1L	NM_146156_4_-1
Emc1	-0.356	2.902	-0.372	0.560	-0.756	-0.864	-0.270	-3.492	-2.804	-2.652	230866	EMC1	NM_146157_4_+1
Haus3	6.122	5.524	3.991	4.259	4.385	4.158	4.452	4.439	3.295	3.511	231123	HAUS3	NM_146159_5_-1
Arhgap24	-4.872	-4.981	-4.905	-4.975	-4.566	-4.964	-4.529	-4.952	-4.638	-4.799	231532	ARHGAP24	NM_146161_5_+1
Tmem119	0.981	2.356	-2.880	-2.587	-0.755	-2.451	1.231	0.096	3.163	1.314	231633	TMEM119	NM_146162_5_-1
Lrch4	-4.829	-4.867	-4.852	-4.893	-4.959	-4.979	-4.837	-4.903	-4.832	-4.967	231798	LRCH4	NM_146164_5_+1
Aimp2	1.741	3.519	1.951	3.376	1.973	2.890	1.312	2.461	1.565	2.382	231872	AIMP2	NM_146165_5_-1
Gimap7	1.341	-4.981	-1.955	-0.061	-1.415	0.341	0.750	2.599	-1.633	-3.233	231932	GIMAP7	NM_146167_6_+1
Vopp1	4.726	4.859	4.577	4.310	6.268	6.614	6.258	5.995	5.607	5.831	232023	VOPP1	NM_146168_6_-1
Paip2b	3.051	3.128	3.847	3.398	3.117	2.536	2.981	2.608	1.123	1.761	232164	PAIP2B	NM_146169_6_-1
C87436	1.096	1.233	0.930	1.753	1.484	1.091	1.586	1.566	2.845	3.164	232196	C2orf42	NM_146170_6_+1
Ncapd2	2.296	0.891	3.618	3.387	4.904	3.887	4.046	3.313	3.173	2.122	68298	NCAPD2	NM_146171_6_-1
Tspan33	-0.445	0.403	5.901	6.407	4.937	5.143	5.277	5.495	1.858	2.228	232670	TSPAN33	NM_146173_6_+1
Zfp282	2.713	2.475	4.565	4.641	2.886	3.137	3.094	3.386	3.465	3.955	101095	ZNF282	NM_146175_6_+1
Cnot3	3.607	3.569	4.180	4.061	4.687	4.412	4.524	4.553	5.303	5.312	232791	CNOT3	NM_146176_7_+1
Kmt5c	3.565	2.831	4.548	3.770	4.689	4.857	4.448	4.777	5.093	5.100	232811	KMT5C	NM_146177_7_+1
Ccdc106	-4.981	-4.981	-4.981	-4.981	-4.855	-4.974	-4.954	-4.366	-3.462	-4.981	232821	CCDC106	NM_146178_7_+1
Zfp418	0.022	0.888	-0.732	-1.020	-0.585	-0.422	0.521	0.054	0.060	1.097	232854	ZNF416	NM_146179_7_+1
Klc3	-3.119	-2.634	-2.952	-4.187	-4.327	-4.802	-4.421	-4.693	-4.981	-4.981	232943	KLC3	NM_146182_7_-1
Zfp428	0.901	0.927	-1.030	-1.260	-0.367	0.064	-0.843	-1.579	-2.322	-4.954	232969	ZNF428	NM_146183_7_+1
B3gnt8	5.658	5.285	-0.057	-0.854	2.255	2.254	2.661	3.129	5.008	4.320	232984	B3GNT8	NM_146184_7_+1
Zfp790	2.562	2.780	2.190	2.501	2.680	2.379	3.326	3.134	3.525	3.815	233056	ZNF790	NM_146185_7_+1
Wdr62	-0.740	-0.912	1.838	0.935	1.270	0.896	1.455	1.027	2.839	2.127	233064	WDR62	NM_146186_7_-1
Ffar2	-4.957	-4.981	2.866	2.802	6.538	6.666	4.962	3.240	0.073	-4.978	233079	FFAR2	NM_146187_7_-1
Kctd15	-3.349	-1.910	-4.981	-4.981	-4.845	-2.092	-4.970	-2.969	-4.981	-4.981	233107	KCTD15	NM_146188_7_-1
Mybpc2	-0.842	0.543	-4.960	-3.210	-1.219	-2.766	-2.570	-4.873	-4.981	-4.981	233199	MYBPC2	NM_146189_7_-1
Tubgcp5	7.232	8.058	4.371	4.475	4.474	4.543	4.342	4.547	4.099	4.401	233276	TUBGCP5	NM_146190_7_+1
Lrrk1	5.193	4.780	6.817	6.872	7.254	7.202	6.803	6.406	5.592	5.954	233328	LRRK1	NM_146191_7_-1
Btbd1	5.659	5.788	6.341	6.438	5.535	5.609	5.801	5.960	5.832	6.071	83962	BTBD1	NM_146193_7_-1
Picalm	-1.718	0.776	-3.549	-1.417	-4.042	-4.594	-3.746	-4.445	-4.018	-1.735	233489	PICALM	NM_146194_7_+1
Slc5a11	-3.668	-2.681	-1.539	-1.565	-0.794	-0.311	0.932	0.821	1.238	1.127	233836	SLC5A11	NM_146198_7_+1
Eif3c	6.885	6.816	7.478	7.471	7.293	7.207	7.510	7.351	7.259	7.145	56347	EIF3C	NM_146200_7_-1
Zfp553	2.433	2.313	2.637	2.954	2.626	2.390	2.541	2.245	3.174	3.012	233887	ZNF48	NM_146201_7_+1
Zfp768	2.351	2.023	2.563	2.466	2.138	2.140	2.215	2.432	3.048	3.200	233890	ZNF768	NM_146202_7_-1
Zfp764	2.798	2.901	2.727	2.470	2.362	1.157	2.265	1.759	2.743	2.846	233893	ZNF764	NM_146203_7_-1
Armc5	4.247	4.182	4.195	3.936	4.205	4.002	4.130	3.913	4.447	4.069	233912	ARMC5	NM_146205_7_+1
Tpcn2	2.546	2.513	4.389	4.110	3.430	3.451	3.523	3.465	3.572	3.536	233979	TPCN2	NM_146206_7_-1
Cul4a	3.993	4.250	4.811	5.016	4.629	4.723	4.725	4.792	5.675	5.836	99375	CUL4A	NM_146207_8_+1
Neil3	-1.987	-4.981	1.547	1.771	3.195	2.140	2.261	1.746	1.814	0.667	234258	NEIL3	NM_146208_8_-1
Colgalt1	6.596	6.846	6.340	6.490	6.596	6.719	6.794	6.713	6.902	6.757	234407	COLGALT1	NM_146211_8_+1
Cmtr2	2.325	2.633	2.717	2.773	2.058	2.383	1.996	2.275	3.015	3.314	234728	CMTR2	NM_146215_8_+1
Vac14	5.987	6.017	5.922	6.223	5.911	5.814	5.811	5.838	6.159	6.170	234729	VAC14	NM_146216_8_+1
Aars	4.574	4.225	5.853	5.904	5.389	5.492	5.020	5.336	5.276	5.048	234734	AARS	NM_146217_8_+1
Rfwd3	3.167	2.857	4.789	3.825	5.291	4.147	5.169	3.535	5.673	4.008	234736	RFWD3	NM_146218_8_-1
Klhl36	4.454	4.250	4.277	4.547	4.621	4.775	4.546	4.552	4.520	4.710	234796	KLHL36	NM_146219_8_+1
Zfp426	1.039	0.530	2.301	2.182	1.916	2.185	1.719	2.291	2.440	2.787	235028	ZNF426	NM_146221_9_-1
M santd2	3.483	3.526	2.480	2.210	2.861	2.663	2.775	2.754	2.801	2.608	235184	NA	NM_146222_9_+1
Zfp280d	4.456	4.451	4.010	3.872	4.273	4.299	3.940	3.928	3.454	3.490	235469	ZNF280D	NM_146224_9_+1
Apeh	5.700	5.790	5.489	5.765	5.519	5.734	5.289	5.582	5.143	5.244	235606	APEH	NM_146226_9_-1
Prss50	-4.981	-4.981	-4.924	-1.365	-1.349	-2.065	-1.892	-0.188	-2.598	-4.981	235631	PRSS50	NM_146227_9_+1
Als2cl	-4.117	-3.548	2.083	2.004	0.917	1.930	0.775	0.612	1.050	0.997	235633	ALS2CL	NM_146228_9_+1
Dync1li1	5.115	5.305	5.347	5.226	4.922	4.756	4.878	4.996	5.673	5.684	235661	DYNC1LI1	NM_146229_9_+1
Acaa1b	-1.440	-2.009	-2.170	-1.890	-2.459	-3.815	-2.146	-3.303	-2.513	-1.928	235674	NA	NM_146230_9_-1
Zfp825	4.296	3.977	3.117	3.454	3.258	3.235	3.425	3.651	3.312	4.138	235956	NA	NM_146231_13_-1

Mmgt1	3.574	3.769	3.692	3.397	3.123	3.140	3.716	3.854	4.098	4.656	236792	MMGT1	NM_146234_X_-1
Erc6l	0.203	0.085	3.712	3.350	2.331	1.471	2.647	2.460	1.807	1.679	236930	ERCC6L	NM_146235_X_-1
Tceal1	1.019	2.128	0.123	-0.856	-1.620	-1.456	-0.914	-0.517	-3.373	-2.867	237052	TCEAL1	NM_146236_X_+1
Gemin8	5.109	4.135	2.037	1.571	3.271	2.694	2.543	1.894	0.745	-0.108	237221	GEMIN8	NM_146238_X_+1
Cdk17	4.736	5.042	3.727	4.077	5.270	5.595	4.940	5.153	5.340	5.587	237459	CDK17	NM_146239_10_+1
Lrrc10	-4.981	-2.895	-4.975	-4.870	-4.974	-4.974	-4.981	-4.981	-4.981	-4.981	237560	LRRC10	NM_146242_10_+1
Actr2	6.733	6.948	7.946	7.909	8.065	7.990	8.004	8.279	8.130	8.948	66713	ACTR2	NM_146243_11_-1
Rps6k1	-1.275	1.930	-1.589	-2.303	-3.321	-3.200	-3.643	-3.363	-1.494	-2.031	238323	RPS6K1	NM_146244_12_-1
Mettl22	4.230	4.255	3.213	3.200	3.346	3.490	2.965	2.842	2.143	2.175	239706	METTL22	NM_146247_16_+1
Cchcr1	1.251	2.194	1.948	1.907	1.365	1.269	1.406	1.113	0.738	0.724	240084	CCHCR1	NM_146248_17_+1
Zfp119b	3.679	3.362	3.201	3.120	3.009	2.776	2.855	2.548	2.636	2.950	240120	NA	NM_146249_17_-1
Gpr1	-4.981	-4.981	-1.139	-4.690	-4.981	-4.981	-4.275	-3.080	-3.373	-4.981	241070	GPR1	NM_146250_1_-1
Pnpla7	5.029	4.809	5.585	5.421	5.731	6.084	5.742	5.770	6.442	6.503	241274	PNPLA7	NM_146251_2_+1
Tbc1d13	2.045	1.613	1.884	1.832	1.905	2.174	2.579	2.321	2.855	2.760	70296	TBC1D13	NM_146252_2_+1
Zbtb6	2.412	2.823	3.828	3.540	3.181	3.222	3.272	2.835	3.323	3.935	241322	ZBTB6	NM_146253_2_-1
Wdr78	0.936	0.836	-1.427	-2.006	-0.795	-0.257	-0.260	-0.234	-0.781	-0.340	242584	WDR78	NM_146254_4_-1
Slc1a7	-3.563	-4.981	-3.161	-3.410	-3.153	-3.829	-4.109	-3.434	-4.981	-2.438	242607	SLC1A7	NM_146255_4_+1
Hpd1	-2.388	-4.981	-2.011	-3.900	-4.986	-4.798	-4.168	-4.098	-4.981	-3.855	242642	HPD1	NM_146256_4_-1
Slc29a4	-4.981	-2.291	-4.871	-4.551	-4.045	-4.083	-4.191	-1.319	-3.531	-4.981	243328	SLC29A4	NM_146257_5_+1
Stard13	-4.981	0.386	0.544	-0.454	-4.977	-4.513	-4.685	-4.014	-4.981	-4.981	243362	STARD13	NM_146258_5_-1
Zfp668	3.276	3.084	3.406	3.589	3.451	3.605	3.208	3.193	3.421	3.570	244219	ZNF668	NM_146259_7_-1
Tmie	-4.981	-4.981	-1.880	-1.584	-1.116	-1.129	-1.193	-2.806	-4.190	-3.758	20776	TMIE	NM_146260_9_-1
Fam199x	3.043	3.112	3.439	3.209	3.168	3.313	3.560	3.004	3.208	4.256	245622	FAM199X	NM_146261_X_+1
Olfr1449	-4.981	-4.981	-4.981	-4.981	-4.343	-4.509	-4.918	-3.282	-4.981	-3.758	258300	NA	NM_146303_19_+1
Olfr110	-4.981	-1.716	-3.571	-3.228	-0.569	0.560	-0.409	0.116	-4.981	-3.853	258325	ORSV1	NM_146328_17_+1
Olfr1396	-4.981	-4.981	-4.750	-4.928	-4.968	-4.968	-4.961	-4.170	-4.981	-4.981	258334	OR2V2	NM_146337_11_-1
Olfr458	-3.349	-3.267	-4.958	-4.581	-4.526	-4.495	-3.824	-4.874	-3.750	-4.981	258436	NA	NM_146444_6_-1
Olfr164	4.389	3.979	-4.988	-4.475	-4.229	-4.084	-3.415	-3.100	-4.981	-4.981	258443	OR2M3	NM_146451_16_-1
Olfr108	-4.981	-4.981	-4.312	-4.815	-4.974	-4.885	-4.970	-4.734	-4.981	-4.981	258457	NA	NM_146465_17_+1
Olfr165	-0.457	-1.118	-4.972	-4.972	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	258458	OR2M5	NM_146466_16_-1
Olfr90	-4.981	-4.981	-4.495	-4.958	-4.907	-3.979	-4.976	-3.791	-4.981	-4.981	258469	OR2H2	NM_146477_17_-1
Olfr98	-0.633	-1.275	-0.943	-0.502	-1.093	-1.248	-1.377	-1.504	-4.981	-4.981	258503	NA	NM_146510_17_-1
Olfr99	-0.184	-0.080	-0.134	0.667	-0.026	-0.606	-0.660	-0.237	-0.880	-2.392	258508	NA	NM_146515_17_-1
Olfr1033	0.326	-3.408	-3.860	-4.071	-4.675	-4.778	-3.203	-4.034	-4.394	-3.882	258571	NA	NM_146578_2_+1
Olfr733	-4.981	-4.981	-1.713	-4.398	-4.769	-4.970	-4.596	-4.971	-4.981	-4.981	258657	OR4N2	NM_146663_14_-1
Olfr1444	-4.981	-2.126	-4.077	-2.639	-4.795	-3.135	-3.777	-2.982	-4.981	-2.480	258697	OR5B21	NM_146702_19_+1
Olfr432	-2.573	0.621	-2.148	0.528	-4.729	0.450	-4.617	-1.114	-2.305	-4.227	258711	NA	NM_146716_1_+1
Olfr433	3.007	5.459	3.382	5.009	0.576	5.014	-0.062	2.775	-0.717	0.537	258712	NA	NM_146717_1_+1
Olfr920	-1.268	-0.852	-1.195	-1.525	-1.926	-2.918	-1.542	-3.167	-0.879	-0.408	258783	NA	NM_146787_9_+1
Olfr109	-4.981	-4.981	-2.951	-3.258	-4.393	-4.787	-4.976	-4.904	-4.981	-4.981	258832	OR12D3	NM_146835_17_+1
Olfr167	-0.948	-1.520	-4.981	-4.981	-4.981	-4.981	-4.974	-4.978	-4.981	-4.981	258937	OR2L2	NM_146935_16_-1
Olfr173	-4.981	-2.895	-4.749	-4.903	-4.928	-4.928	-4.974	-4.978	-4.981	-4.981	259002	OR5K1	NM_147000_16_-1
Olfr713	-4.981	-4.981	-4.986	-3.012	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	259036	OR10A5	NM_147034_7_+1
Olfr658	-2.647	-4.981	-4.522	-4.688	-1.280	-4.930	-3.158	-4.882	-4.190	-3.797	259051	OR52N4	NM_147049_7_-1
Olfr613	-0.201	0.549	0.695	0.400	1.087	0.440	0.245	-0.523	0.319	-0.106	259104	NA	NM_147100_7_+1
Ehmt2	4.487	4.132	4.129	3.750	5.099	4.770	4.645	4.496	4.767	3.941	110147	EHMT2	NM_147151_17_+1
Vps39	4.072	-0.741	3.910	-0.618	2.943	-0.703	1.715	-0.044	1.233	-0.787	269338	VPS39	NM_147153_2_-1
Tagap1	5.622	6.168	5.242	5.246	4.983	5.336	4.607	4.866	4.193	4.161	380608	NA	NM_147155_17_-1
Homer1	-1.568	-1.506	-2.110	-0.499	-2.192	-1.038	-1.050	-2.065	-0.434	-0.042	26556	HOMER1	NM_147176_13_+1
Nrbp1	6.622	6.528	7.212	7.371	6.875	7.015	7.014	7.343	7.721	7.677	192292	NRBP1	NM_147201_5_+1
Gprc5c	-4.769	-4.591	1.009	0.837	-4.819	-3.354	-4.972	-4.974	-4.966	-4.958	70355	GPRC5C	NM_147217_11_+1
Abca6	1.543	1.396	-2.388	-3.493	-3.710	-4.356	0.525	-0.752	4.555	3.268	76184	ABCA6	NM_147218_11_-1
Abca5	3.150	3.931	1.502	2.627	1.309	2.434	-0.975	1.473	-4.981	0.236	217265	ABCA5	NM_147219_11_-1
Abca9	0.021	0.367	-1.608	1.386	2.392	2.202	5.433	5.601	6.580	7.651	217262	ABCA9	NM_147220_11_-1
Glis1	-4.981	-4.981	-4.981	-4.981	-4.959	-4.537	-2.323	-4.769	-1.539	-4.316	230587	GLIS1	NM_147221_4_+1
Vva1	-1.031	-4.981	-0.060	0.675	-3.559	-0.214	-2.634	-1.103	-2.946	-1.756	246228	VVA1	NM_147776_4_-1
Commd3	8.076	7.681	6.730	6.552	6.746	6.494	6.556	6.163	5.813	5.409	12238	COMMD3	NM_147778_2_+1
Slu7	4.339	4.077	4.315	4.244	4.334	4.010	3.514	3.947	4.358	4.035	193116	SLU7	NM_148673_11_+1
Pabpc4	1.921	0.794	1.616	0.690	0.913	1.442	0.685	1.184	-0.564	-1.208	230721	PABPC4	NM_148917_4_+1
Mdm1	-0.334	-0.309	-0.278	-2.578	-0.656	0.068	-3.762	-1.561	-3.893	-4.251	17245	MDM1	NM_148922_10_+1
Zfp263	5.204	4.875	6.449	6.077	7.015	7.140	6.500	6.250	6.440	6.511	74120	ZNF263	NM_148924_16_+1
Fyco1	0.520	3.220	3.649	4.001	2.609	3.232	2.970	2.754	2.743	2.745	17281	FYCO1	NM_148925_9_-1
Zfand3	3.118	3.266	3.611	3.498	3.884	3.819	4.038	3.410	3.800	3.632	21769	ZFAND3	NM_148926_17_+1
Plekha4	-0.190	0.377	-1.845	-2.623	-2.438	-2.574	-3.258	-3.669	-2.792	-3.510	69217	PLEKHA4	NM_148927_7_+1
Gtf3c5	3.476	3.949	3.559	3.903	3.816	3.681	3.508	3.931	4.051	3.914	70239	GTF3C5	NM_148928_2_-1
Slc9a8	3.576	3.688	3.803	3.994	4.062	4.037	3.749	3.927	4.502	4.002	77031	SLC9A8	NM_148929_2_+1
Rbm5	7.115	7.475	7.179	7.218	7.712	7.951	7.154	7.284	6.715	7.136	83486	RBM5	NM_148930_9_-1
Pom121	3.388	3.209	4.081	4.100	4.280	4.244	4.086	3.807	4.920	4.666	107939	POM121 POM121	NM_148932_5_-1
Slco4a1	7.015	6.856	0.249	-0.279	-1.247	-1.659	-0.756	0.000	0.508	-4.981	108115	SLCO4A1	NM_148933_2_+1
Tpgs1	5.844	5.647	5.316	5.187	4.881	4.846	5.186	5.215	5.929	5.635	110012	TPGS1	NM_148934_10_+1
Plcd4	-4.793	-4.722	-1.845	-4.969	-4.954	-4.979	-4.980	-4.981	-4.907	-4.981	18802	PLCD4	NM_148937_1_+1
Slc1a3	0.206	-0.186	-1.344	-1.487	0.450	-0.251	0.544	0.241	-2.052	-2.309	20512	SLC1A3	NM_148938_15_-1
Ly6g5b	3.549	1.680	-1.028	-1.098	-1.639	-2.287	-3.363	-2.500	-1.085	-1.727	266614	LY6G5B	NM_148939_17_-1
Chrn4	-4.981	-4.981	-4.627	-4.512	-4.915	-4.010	-4.488	-3.829	-4.981	-4.981	108015	CHRN4	NM_148944_9_-1

Rps6ka3	4.593	4.505	4.439	4.085	4.723	4.555	4.660	4.300	3.948	4.810	110651	RPS6KA3	NM_148945_X_+1
Slc8a2	-4.981	-4.981	-4.884	-3.646	1.738	2.274	-1.130	-2.786	-4.981	-4.981	110891	SLC8A2	NM_148946_7_+1
Dicer1	4.384	4.282	4.701	4.690	4.436	4.463	4.569	4.466	4.943	4.871	192119	DICER1	NM_148948_12_-1
Gipc3	-1.532	-0.994	-4.806	-4.838	-4.972	-4.972	-4.968	-4.832	-4.981	-4.981	209047	GIPC3	NM_148951_10_-1
E2f4	5.170	5.063	5.201	5.469	5.266	5.404	5.002	5.349	5.815	5.758	104394	E2F4	NM_148952_8_+1
Osbpl10	-4.981	-0.061	-4.951	-2.729	-1.439	0.125	-4.797	-1.963	-2.989	0.795	74486	OSBPL10	NM_148958_9_+1
Homer1	0.477	-0.146	-1.011	-1.203	-2.287	-1.445	-1.394	-1.914	-0.450	-1.166	26556	HOMER1	NM_152134_13_+1
Stx3	2.854	4.609	4.764	5.932	2.166	3.712	3.910	5.043	5.948	7.011	20908	STX3	NM_152220_19_-1
Ubqln1	5.009	5.170	5.399	5.676	6.002	6.028	5.615	5.634	5.304	5.659	56085	UBQLN1	NM_152234_13_-1
Pear1	-4.375	-4.047	-4.828	-4.715	-4.962	-4.954	-2.877	-4.712	-4.910	-2.463	73182	PEAR1	NM_152799_3_-1
Tor2a	6.459	6.511	4.987	4.886	4.822	4.808	5.016	5.137	5.293	5.120	30933	TOR2A	NM_152800_2_+1
Arhgef6	7.229	7.502	7.239	7.270	7.174	7.335	7.175	7.134	7.315	7.592	73341	ARHGEF6	NM_152801_X_-1
Hpse	7.447	7.531	4.594	4.265	4.180	4.505	5.789	6.802	7.894	8.508	15442	HPSE	NM_152803_5_-1
Plk2	1.648	1.020	4.005	2.349	4.137	3.395	4.358	3.591	3.823	3.115	20620	PLK2	NM_152804_13_+1
Ddx17	4.795	5.282	3.371	3.074	3.277	3.244	4.146	2.429	3.612	3.510	67040	DDX17	NM_152806_15_-1
Ccdc137	4.287	4.047	3.663	3.680	3.806	4.016	3.797	3.715	3.602	3.593	67291	CCDC137	NM_152807_11_+1
Slc44a2	0.923	1.132	-0.706	-0.978	-0.797	-0.773	0.530	0.320	0.566	0.746	68682	SLC44A2	NM_152808_9_+1
Csnk1g3	4.929	5.741	5.946	5.996	6.673	7.119	5.973	5.963	5.153	5.768	70425	CSNK1G3	NM_152809_18_+1
Cdc5l	6.556	6.784	6.977	6.952	7.338	7.320	7.168	6.864	6.521	6.504	71702	CDC5L	NM_152810_17_-1
Otud6b	5.244	5.153	4.747	4.689	4.139	3.955	4.211	4.445	4.842	5.049	72201	OTUD6B	NM_152812_4_-1
Plcd3	2.567	-4.981	-0.658	-1.455	0.063	-4.361	-1.582	-4.489	-4.394	-4.227	72469	PLCD3	NM_152813_11_-1
Zfp566	2.656	2.361	1.921	1.544	2.030	1.910	1.921	1.267	1.619	1.510	72556	ZNF566	NM_152814_7_-1
Lins1	-0.616	-3.039	-0.066	-1.707	-0.184	-0.789	-0.913	-1.890	-4.130	0.814	72635	LINS1	NM_152815_7_+1
Dnm1l	3.416	2.506	2.611	2.146	2.179	2.440	1.861	1.874	2.527	1.293	74006	DNM1L	NM_152816_16_-1
Ttc27	2.559	2.982	2.812	3.020	2.602	2.704	2.655	2.807	2.544	1.855	74196	TTC27	NM_152817_17_+1
Osbp2	0.881	-0.739	-4.315	-3.503	-4.961	-4.689	-4.796	-4.929	-4.981	-4.981	74309	OSBP2	NM_152818_11_-1
Purg	-1.831	-1.285	-0.960	-2.592	-1.592	-1.943	-1.630	-3.449	-1.593	-2.686	75029	PURG	NM_152821_8_+1
Las1l	4.956	4.967	4.643	4.838	4.924	5.019	4.951	4.967	4.599	4.479	76130	LAS1L	NM_152822_X_-1
Unc5cl	2.407	2.894	-4.405	0.370	-0.489	1.266	-2.936	0.656	-4.981	-2.424	76589	UNC5CL	NM_152823_17_+1
Rbm17	6.855	6.872	7.084	7.303	6.746	6.685	6.626	6.529	6.103	6.015	76938	RBM17	NM_152824_2_-1
Usp45	2.065	2.665	3.829	3.385	3.770	3.816	3.990	3.931	4.231	4.609	77593	USP45	NM_152825_4_+1
Jchain	6.289	6.641	4.792	5.476	3.446	6.471	8.226	11.099	-0.081	0.574	16069	JCHAIN	NM_152839_5_-1
Pop1	-3.504	-4.469	-0.593	-4.598	-3.172	-4.821	-4.135	-4.693	-4.670	-4.627	67724	POP1	NM_152894_15_+1
Kdm5b	3.977	3.696	3.267	3.436	4.429	4.725	4.403	4.523	4.929	4.888	75605	KDM5B	NM_152895_1_+1
Dner	-4.981	-4.981	-4.981	-4.981	-4.260	-4.954	-4.417	-4.903	-2.248	-4.981	227325	DNER	NM_152915_1_-1
Egfl8	-0.016	-0.566	3.802	4.562	1.276	2.430	0.693	1.690	0.597	0.015	81701	EGFL8	NM_152922_17_-1
Kcnq3	-4.981	-4.981	-4.981	-4.981	-4.597	-4.815	-2.107	-1.118	-0.420	0.201	110862	KCNQ3	NM_152923_15_-1
Mmp21	-2.647	-4.981	-4.167	-4.151	-4.966	-4.966	-4.437	-4.882	-4.981	-4.981	214766	MMP21	NM_152944_7_-1
Ovol2	-4.981	-4.981	-4.981	-4.981	-4.977	-4.083	-4.981	-4.981	-4.981	-4.981	107586	OVOL2	NM_152947_2_-1
Mkl1	4.402	4.397	6.145	5.835	6.761	6.665	6.416	5.945	6.491	6.284	223701	MKL1	NM_153049_15_-1
Sf3b4	6.190	6.156	6.090	6.202	6.253	6.008	6.053	6.144	5.975	5.738	107701	SF3B4	NM_153053_3_+1
Slc18a1	-3.843	-2.895	0.277	0.997	-2.038	-3.615	-1.945	-3.008	-1.719	-3.191	110877	SLC18A1	NM_153054_8_-1
Sec63	6.478	6.536	6.711	6.558	5.598	5.592	5.672	5.958	5.788	6.143	140740	SEC63	NM_153055_10_+1
Sirt7	7.535	7.723	7.491	7.561	7.944	8.162	7.523	7.464	7.758	7.625	209011	SIRT7	NM_153056_11_-1
Nomo1	3.832	3.779	4.298	4.548	3.764	3.937	3.663	3.944	4.278	4.308	211548	NOMO1 NOMO2	NM_153057_7_+1
Mapre2	6.261	6.501	6.369	6.352	5.812	5.576	6.508	6.510	7.015	6.930	212307	NA	NM_153058_18_+1
Tmem5	5.674	5.655	4.579	4.700	4.443	4.359	4.724	4.802	4.870	4.820	216395	TMEM5	NM_153059_10_-1
Spns2	-1.560	-1.501	-2.508	-1.370	-1.048	-1.629	-2.977	-0.407	-4.800	-4.927	216892	SPNS2	NM_153060_11_-1
Slc37a1	1.811	0.555	2.351	1.825	2.327	1.286	1.839	1.908	1.653	1.690	224674	SLC37A1	NM_153062_17_+1
Zfp472	5.063	4.961	3.475	3.302	4.083	3.870	4.040	3.372	3.785	3.204	224691	NA	NM_153063_17_+1
Ndufs2	7.533	7.433	7.086	7.121	7.230	7.082	7.278	7.306	7.124	7.059	226646	NDUFS2	NM_153064_1_-1
Ddx27	5.281	5.255	5.280	5.303	5.512	5.446	5.486	5.295	5.190	4.706	228889	DDX27	NM_153065_2_+1
Ehd2	-2.483	-4.981	-4.260	-1.810	-3.056	-2.489	-4.296	-0.278	-3.823	-0.616	259300	EHD2	NM_153068_7_-1
Leap2	-4.981	-1.242	-4.973	-3.269	-4.821	-4.511	-4.452	-3.439	-4.394	-2.152	259301	LEAP2	NM_153069_11_-1
Hus1b	-1.987	-3.267	-1.667	-2.862	-3.353	-3.442	-2.918	-3.853	-1.102	-1.774	210554	HUS1B	NM_153072_13_-1
Lrrc25	0.526	0.339	3.613	3.564	4.290	4.180	4.205	3.951	4.611	4.773	211228	LRRC25	NM_153074_8_+1
Catsper2	1.783	1.468	1.480	1.486	1.251	1.595	0.632	0.410	-0.554	-0.206	212670	CATSPER2	NM_153075_2_-1
Crygn	-3.668	-4.981	-3.048	-3.284	-2.737	-3.791	-1.526	-3.497	-1.526	-2.909	214301	CRYGN	NM_153076_5_-1
Ehbp1	-0.735	0.378	-0.188	0.064	-0.351	-2.076	-0.314	-0.629	0.459	-2.093	216565	EHBP1	NM_153078_11_-1
Tom1l2	3.334	2.987	2.166	1.941	1.159	0.371	1.398	0.723	3.430	2.746	216810	TOM1L2	NM_153080_11_-1
Slc16a11	-3.668	-2.437	-4.631	-4.941	-4.418	-4.549	-3.751	-3.849	-2.396	-3.855	216867	SLC16A11	NM_153081_11_+1
Dnajc27	2.248	2.789	2.307	2.402	3.245	3.079	3.062	2.638	2.915	2.898	217378	DNAJC27	NM_153082_12_+1
Thtpa	3.427	3.369	3.439	3.449	2.794	3.228	3.206	3.160	3.751	3.728	105663	THTPA	NM_153083_14_+1
Wac	5.167	5.051	5.460	5.358	5.307	5.223	4.859	5.302	5.959	5.997	225131	WAC	NM_153085_18_+1
Hrh4	-4.981	-4.981	-4.541	-4.280	-4.963	-3.937	-1.089	-4.300	-4.981	-4.981	225192	HRH4	NM_153087_18_+1
Ctdsp1	4.131	3.771	3.316	3.103	3.488	3.157	3.955	3.458	3.882	3.691	227292	CTDSP1	NM_153088_1_+1
Ppp1r16b	3.656	2.458	1.982	2.824	2.211	2.411	1.872	1.964	-2.026	-0.260	228852	PPP1R16B	NM_153089_2_+1
Fcrl1	-0.942	-4.531	1.610	0.073	2.506	1.716	1.925	1.267	-0.486	-4.918	229499	FCRL1	NM_153090_3_+1
St7l	4.179	5.057	4.414	4.046	4.110	4.213	4.092	3.960	3.812	4.187	229681	ST7L	NM_153091_3_+1
Nupl2	4.208	3.250	3.613	3.733	3.334	3.250	2.996	2.918	2.986	2.715	231042	NUPL2	NM_153092_5_+1
AF366264	-4.981	-4.981	-4.945	-4.748	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	231201	NA	NM_153093_8_-1
Klrb1f	1.547	0.710	0.184	-0.272	4.736	4.754	3.761	3.232	3.954	3.711	232408	NA	NM_153094_6_+1
Mrgpra1	-3.843	-4.981	-4.064	-3.329	-1.586	-4.990	-2.523	-4.954	-4.981	-4.981	233221	MRGPRX3	NM_153095_7_-1
Cd109	-4.981	-2.997	-4.664	-4.974	-4.975	-4.975	-2.146	-4.522	-0.841	0.542	235505	CD109	NM_153098_9_+1

Prs42	-4.981	-4.981	-4.301	-3.773	-3.484	-4.615	-4.970	-4.734	-4.190	-4.981	235628	PRSS42	NM_153099_9_+1
Mrgpra2b	-4.981	-4.981	-4.374	-0.361	-3.367	0.631	-2.400	1.624	1.364	-1.073	235712	MRGPRX3	NM_153101_7_-1
Kif1c	2.223	1.182	2.702	2.786	2.804	2.618	2.853	2.630	2.335	2.330	16562	KIF1C	NM_153103_11_+1
Phospho1	-4.981	-4.981	-4.922	-4.800	-4.786	-4.995	-4.266	-3.725	-1.944	-1.984	237928	PHOSPHO1	NM_153104_11_+1
Cldn19	-4.981	-4.981	-4.989	-1.647	-4.967	-4.817	-4.471	-4.961	-4.981	-4.981	242653	CLDN19	NM_153105_4_+1
Padi6	-1.253	-2.132	-4.981	-4.981	-4.250	-4.985	-4.981	-4.981	-2.416	-4.981	242726	PADI6	NM_153106_4_-1
Cadm4	-2.647	-4.981	-4.974	-4.396	-3.751	-4.272	-4.895	-4.900	-4.981	-4.227	260299	CADM4	NM_153112_7_+1
Otos	-1.705	-4.981	-3.719	-3.542	-3.745	-4.842	-2.009	-3.290	-1.647	-2.580	260301	OTOS	NM_153114_1_-1
Gtbp10	3.550	3.070	3.247	2.445	3.150	2.205	3.150	2.457	3.203	2.592	207704	GTPBP10	NM_153116_5_-1
9530068E07Rik	6.892	6.921	6.725	6.753	6.808	6.801	6.747	6.864	7.791	7.583	213673	C5orf15	NM_153117_11_+1
Fnbp1l	-4.981	-4.981	3.467	3.405	-0.663	0.319	0.345	0.325	-0.028	-0.516	214459	NA	NM_153118_3_-1
Plekho2	4.735	5.018	8.172	8.298	7.386	7.121	7.868	7.976	9.119	9.166	102595	PLEKHO2	NM_153119_9_-1
Lysmd1	4.464	3.931	3.860	3.599	3.190	2.786	3.410	3.262	4.670	4.021	217779	LYSMD1	NM_153121_3_+1
Oplah	0.312	-1.444	-1.905	-2.807	-2.217	-1.770	-2.414	-2.992	-0.758	-0.209	75475	OPLAH	NM_153122_15_-1
Atf7ip2	-4.981	-4.981	-4.981	-4.981	-0.251	-2.537	-4.958	-4.970	-4.981	-4.981	75329	ATF7IP2	NM_153123_16_+1
Sec16a	5.118	5.096	5.385	5.581	5.572	5.589	5.420	5.304	6.009	6.074	227648	SEC16A	NM_153125_2_-1
Nat10	3.237	2.805	3.607	3.846	3.718	3.406	3.406	3.756	3.747	3.181	98956	NAT10	NM_153126_2_-1
Klhl12	0.714	0.118	-0.738	1.410	-0.771	1.824	1.239	2.778	4.074	4.364	240756	KLHL12	NM_153128_1_+1
Pacs1	2.858	2.407	4.900	4.439	4.514	4.495	4.660	4.516	6.354	5.683	107975	PACS1	NM_153129_19_-1
Unc5a	-1.385	-4.981	-1.863	-3.404	-1.816	-4.199	-1.273	-4.414	-0.947	-4.981	107448	UNC5A	NM_153131_13_+1
Rdh9	-3.843	-0.801	-1.928	-2.698	-3.308	-2.531	-0.303	-2.910	-1.451	-0.951	103142	RDH9	NM_153133_10_+1
Irgq	1.938	3.077	2.147	1.626	1.840	1.232	1.642	1.936	2.880	2.763	210146	IRGQ	NM_153134_7_+1
Nudt18	6.183	6.214	4.922	5.135	5.040	5.239	4.729	4.725	4.168	3.927	213484	NUDT18	NM_153136_14_+1
Traf3ip3	4.797	5.103	5.996	5.960	5.743	5.865	5.621	5.869	6.040	5.803	215243	TRAF3IP3	NM_153137_1_-1
Wipf1	1.069	1.967	3.394	2.528	2.631	3.047	4.826	4.513	5.430	4.971	215280	WIPF1	NM_153138_2_-1
Slc36a1	2.060	2.047	1.321	0.719	2.010	2.099	2.778	2.595	3.339	3.646	215335	SLC36A1	NM_153139_11_+1
Rab11fip3	0.128	0.295	-1.545	-3.060	-2.382	-2.484	-1.593	-2.165	-0.339	-0.898	215445	RAB11FIP3	NM_153140_17_-1
Carm1	1.299	3.107	1.979	2.637	2.101	2.198	3.108	2.417	3.126	3.703	59035	CARM1	NM_153141_9_+1
Slc35e4	3.189	2.755	2.959	3.092	0.751	0.398	3.089	3.325	5.533	5.329	103710	SLC35E4	NM_153142_11_-1
Kctd11	2.031	2.176	3.153	3.306	2.141	1.951	2.824	2.933	3.772	4.052	216858	KCTD11	NM_153143_11_-1
Ggnbp2	6.879	6.886	6.651	6.616	6.798	6.892	6.705	6.777	6.863	6.883	217039	GGNBP2	NM_153144_11_-1
Abca8a	-4.981	-4.981	-4.270	-3.855	-4.356	-4.931	-3.658	-4.674	-4.981	-4.981	217258	NA	NM_153145_11_-1
Slc25a1	6.497	6.442	5.790	6.030	5.333	5.667	5.511	5.671	4.911	4.905	13358	NA	NM_153150_16_-1
Acat3	-2.067	0.389	-1.232	-1.882	-1.669	-2.612	-2.238	-3.045	-0.999	-1.714	224530	ACAT2	NM_153151_17_-1
2410015M20Rik	6.938	6.687	6.283	6.114	6.371	6.288	6.527	6.007	5.034	4.697	224904	C19orf70	NM_153152_17_-1
Svil	4.102	4.437	2.367	2.354	2.686	2.718	4.834	4.794	6.933	7.060	225115	SVIL	NM_153153_18_+1
C1ql3	-4.981	-4.981	-3.995	-4.024	-4.674	-3.953	-4.371	-4.389	-3.598	-2.445	227580	C1QL3	NM_153155_2_-1
E130308A19Rik	0.357	0.054	0.144	-0.374	0.298	0.372	0.070	-0.384	0.610	0.343	230259	NA	NM_153158_4_+1
Zc3h12a	3.487	3.516	2.842	2.793	3.951	3.541	3.836	3.631	4.257	4.385	230738	ZC3H12A	NM_153159_4_-1
Zcchc17	6.173	6.221	5.214	5.532	5.615	5.765	5.736	5.461	4.860	4.711	619605	ZCCHC17	NM_153160_4_-1
BC037034	1.590	1.570	1.986	2.165	3.383	3.578	3.039	3.028	3.046	3.206	231807	C7orf43	NM_153161_5_-1
Txnrd3	-0.260	0.769	0.119	0.218	-1.329	-1.675	-0.762	-0.268	0.235	0.628	232223	TXNRD3	NM_153162_6_+1
Cnot1	0.839	-1.300	-0.316	-0.512	-0.560	-1.044	-0.714	-3.072	0.598	-4.436	234594	CNOT1	NM_153164_8_-1
Klhl15	2.676	2.782	1.235	0.855	1.593	1.226	1.131	1.256	1.188	0.448	236904	KLHL15	NM_153165_X_+1
Cpne5	-1.884	0.204	-4.873	-4.552	-3.500	-2.601	-3.408	-1.588	-4.981	-4.316	240058	CPNE5	NM_153166_17_-1
Dcaf10	3.805	4.007	4.124	4.038	3.717	3.957	3.881	4.277	4.364	4.701	242418	DCAF10	NM_153167_4_+1
Lars2	2.649	2.732	3.056	3.207	3.331	3.008	2.928	3.166	3.649	3.380	102436	LARS2	NM_153168_9_+1
Slc36a2	-4.981	-4.981	-4.565	-4.958	-2.815	-3.696	-4.410	-3.940	-2.021	-4.981	246049	SLC36A2	NM_153170_11_-1
Rgs13	-4.981	-4.981	-4.930	-4.930	-4.569	-2.805	-2.287	-0.600	-4.981	-4.981	246709	RGS13	NM_153171_1_-1
Hist1h4h	0.997	0.357	0.772	0.575	0.960	0.832	1.061	0.280	1.225	0.151	69386	HIST1H4H	NM_153173_13_+1
Gimap6	7.343	7.811	1.542	3.627	2.388	4.293	3.793	5.741	0.813	1.562	231931	GIMAP6	NM_153175_6_-1
Spg7	4.590	4.749	5.289	5.221	5.086	5.171	4.952	4.945	5.394	5.186	234847	SPG7	NM_153176_8_+1
Ago4	4.216	4.660	3.320	3.004	3.074	3.402	3.193	2.947	3.487	3.790	76850	AGO4	NM_153177_4_-1
Ago2	2.435	2.558	3.539	3.434	4.525	3.849	4.145	3.897	4.796	4.720	239528	AGO2	NM_153178_15_-1
Fbxo7	4.695	4.879	4.585	4.897	4.743	4.890	4.776	4.965	4.440	4.614	69754	FBXO7	NM_153195_10_+1
Rbks	4.076	4.160	4.191	3.960	3.729	3.460	3.852	3.525	4.793	3.981	71336	RBKS	NM_153196_5_-1
Clec4a3	2.021	1.441	-0.232	1.823	4.718	5.270	8.002	8.501	8.600	9.039	73149	NA	NM_153197_6_+1
Hbp1	6.892	6.797	6.920	6.685	6.340	6.503	6.753	6.834	7.497	7.461	73389	HBP1	NM_153198_12_-1
Csrnp1	5.340	5.442	5.082	4.831	6.163	6.235	6.078	5.397	5.431	5.236	215418	CSRNP1	NM_153287_9_-1
Npb	-2.784	-4.981	-4.188	-4.845	-2.109	-2.991	-2.660	-4.520	-3.823	-3.816	208990	NPB	NM_153288_11_+1
Amot	0.756	-1.460	1.380	0.400	-0.283	-1.377	1.581	0.800	0.899	1.100	27494	AMOT	NM_153319_X_-1
Lats2	1.462	1.737	-1.308	-1.894	-1.187	-2.282	-0.610	-0.223	0.693	0.325	50523	LATS2	NM_153382_14_-1
Tubgcp4	2.819	2.722	3.129	2.442	2.921	2.500	3.295	2.728	3.788	4.063	51885	TUBGCP4	NM_153387_2_+1
Lrfn4	-4.981	-1.595	-1.971	-1.498	-0.932	-1.968	-3.219	-3.195	-3.242	-3.758	225875	LRFN4	NM_153388_19_-1
Atp10d	1.507	2.777	3.831	5.177	2.351	2.851	3.123	4.457	3.709	5.330	231287	NA	NM_153389_5_+1
Pxt1	-2.739	-4.981	-4.640	-4.965	-4.689	-4.829	-3.068	-4.976	-2.361	-4.981	69307	NA	NM_153390_17_-1
Wdr19	-0.346	-0.114	-1.313	-1.084	-0.795	-0.700	-0.562	-0.819	1.098	1.140	213081	WDR19	NM_153391_5_+1
Ttc39a	2.195	1.919	6.987	7.605	1.086	0.143	-1.386	0.773	-2.802	-3.605	230603	TTC39A	NM_153392_4_+1
Col23a1	0.337	2.937	4.148	1.078	2.411	0.659	2.128	0.213	-2.150	-2.708	237759	COL23A1	NM_153393_11_+1
Gpr156	-4.981	-4.981	-0.800	-1.403	-0.849	-2.043	-4.883	-2.488	-4.190	-3.233	239845	GPR156	NM_153394_16_+1
Mon2	3.516	4.145	2.929	3.370	3.712	3.677	3.679	3.505	3.590	3.551	67074	MON2	NM_153395_10_-1
Mical3	-3.237	-0.179	0.574	1.533	2.379	1.563	0.748	-2.165	-1.400	-2.448	194401	MICAL3	NM_153396_6_-1
Adam32	-4.981	-4.981	-4.974	-4.847	-4.958	-4.980	-4.980	-4.978	-4.707	-2.425	353188	ADAM32	NM_153397_8_-1
Zbtb24	4.605	4.507	3.888	3.855	4.212	4.137	3.919	3.982	4.058	4.055	268294	ZBTB24	NM_153398_10_+1

Syne1	-4.981	-4.981	-0.965	-1.076	-4.714	-1.534	-0.854	-0.456	0.804	-4.981	64009	SYNE1	NM_153399_10_-2
P2rx2	-4.981	-4.981	-4.970	-4.108	-4.066	-4.576	-4.936	-4.906	-4.981	-4.981	231602	P2RX2	NM_153400_5_-1
Ago3	3.347	3.121	2.753	2.661	3.709	3.069	2.749	2.376	2.795	2.534	214150	AGO3	NM_153402_4_-1
Ago1	3.617	3.976	2.753	3.164	3.053	3.386	2.979	3.089	2.865	3.136	236511	AGO1	NM_153403_4_-1
Liph	-1.861	-4.981	-3.395	-3.665	-2.328	-3.231	-2.615	-3.777	-4.981	-3.519	239759	LIPH	NM_153404_16_-1
Rbm45	1.840	2.061	2.251	2.357	1.359	1.938	0.892	1.166	0.907	1.231	241490	RBM45	NM_153405_2_+1
Specc1l	4.696	4.925	5.142	5.171	5.278	5.132	5.131	5.483	5.769	6.226	74392	SPECC1L	NM_153406_10_+1
Csrnp2	0.860	1.328	0.802	1.444	1.246	1.782	0.979	1.552	2.188	2.229	207785	CSRNP2	NM_153407_15_-1
Neurl3	1.643	0.206	6.356	6.025	7.788	7.648	7.868	7.514	8.170	7.914	214854	NEURL3	NM_153408_1_-1
Csrnp3	-4.599	-4.981	-4.947	-4.843	-4.981	-4.981	-4.834	-4.962	-4.981	-4.878	77771	CSRNP3	NM_153409_2_+1
Gpsm1	1.696	1.387	-0.351	1.937	1.553	1.700	0.733	0.913	0.841	1.952	67839	GPSM1	NM_153410_2_+1
Phldb2	-4.981	-4.981	-4.889	-4.042	-4.989	-3.975	-3.862	-3.067	-4.981	-4.981	208177	PHLDB2	NM_153412_16_-1
Dock3	0.354	-1.972	-0.411	-1.887	-1.383	-2.593	-1.016	-2.081	-1.951	0.860	208869	DOCK3	NM_153413_9_-1
Ints9	3.612	3.840	4.523	4.341	4.237	4.220	4.120	4.188	4.787	4.768	210925	INTS9	NM_153414_14_+1
Pomt2	1.888	1.330	1.599	1.746	1.406	1.496	1.533	1.824	2.631	2.810	217734	POMT2	NM_153415_12_-1
Aaas	4.725	4.535	3.668	3.888	4.834	4.640	4.718	4.585	3.502	3.274	223921	AAAS	NM_153416_15_-1
Trpm6	-4.981	-4.981	-4.981	-4.981	-4.952	-4.952	-4.778	-4.859	-4.981	-4.981	225997	TRPM6	NM_153417_19_+1
Grwd1	3.993	3.825	3.847	4.278	4.006	4.086	3.577	4.122	3.086	2.911	101612	GRWD1	NM_153419_7_-1
Pxylp1	-1.555	-0.620	-2.842	-3.857	-2.851	-4.817	-3.567	-2.596	-1.480	-1.427	235534	PXYLP1	NM_153420_9_-1
Phc3	-1.283	-1.075	-0.848	0.169	-0.827	-2.334	0.697	1.012	0.594	0.478	241915	PHC3	NM_153421_3_-1
Pde5a	2.637	2.660	2.198	1.143	-2.031	-1.815	-0.768	-1.444	-0.042	0.873	242202	PDE5A	NM_153422_3_+1
Wasf2	5.745	5.853	6.046	6.036	6.371	6.378	6.646	6.365	6.699	6.787	242687	WASF2	NM_153423_4_+1
Nphp4	-1.217	-2.587	-1.838	-2.785	-0.729	-2.224	-1.942	-2.930	-1.517	-0.491	260305	NPHP4	NM_153424_4_+1
Rtn1	0.937	-0.305	4.877	3.628	6.797	6.179	5.757	4.065	3.375	-0.443	104001	RTN1	NM_153457_12_-1
Dusp7	4.655	4.536	0.694	0.917	3.915	3.055	3.557	3.490	6.529	5.759	235584	DUSP7	NM_153459_9_+1
Tef	3.001	2.566	2.470	1.617	3.423	2.925	2.613	1.198	0.969	0.205	21685	TEF	NM_153484_15_+1
Ubap2l	2.175	2.045	2.508	2.544	2.365	2.786	2.348	1.956	2.822	2.310	74383	NA	NM_153489_3_-1
Pank2	5.810	5.880	5.391	5.495	5.688	5.688	5.619	5.422	5.537	5.501	74450	PANK2	NM_153501_2_+1
Ankrd23	1.608	2.234	1.463	1.202	1.142	1.025	1.104	1.101	1.955	0.994	78321	ANKRD23	NM_153502_1_-1
Rnf13a1	3.134	2.519	2.383	2.340	1.599	1.742	1.695	1.644	1.449	0.898	69942	NA	NM_153503_X_+1
Rnf183	-3.668	-4.981	-0.869	-0.988	-4.970	-4.958	-3.598	-4.960	-4.981	-3.853	76072	RNF183	NM_153504_4_-1
Nckap1l	6.231	6.232	8.507	8.505	8.351	8.312	8.097	8.215	8.861	9.090	105855	NCKAP1L	NM_153505_15_+1
Cpne2	5.304	4.679	5.384	5.913	3.325	3.430	3.501	3.980	3.523	3.507	234577	CPNE2	NM_153507_8_+1
Clstn3	-4.981	-4.981	-4.965	-4.326	-3.270	-4.601	-4.938	-3.827	-2.598	0.356	232370	CLSTN3	NM_153508_6_-1
Pilra	4.409	3.983	2.601	3.028	3.727	4.284	6.735	6.976	7.152	7.054	231805	PILRA	NM_153510_5_-1
Il1f9	-3.349	-2.594	-3.103	-0.487	-2.339	0.945	-0.408	2.022	0.980	-0.568	215257	IL36G	NM_153511_2_+1
Kcng3	-4.981	-4.981	-4.336	-3.527	-0.549	-0.784	-1.901	-3.796	-4.190	-3.853	225030	KCNGB3	NM_153512_17_-1
BC028528	5.200	5.583	7.605	7.357	4.077	4.363	5.918	6.707	6.110	6.420	229600	C1orf54	NM_153513_3_-1
Rhobtb2	5.641	5.421	4.153	4.262	2.869	3.192	3.256	3.504	2.951	2.939	246710	RHOBTB2	NM_153514_14_-1
Ammeccr1l	4.541	4.484	5.471	5.487	4.716	4.930	4.848	5.033	5.073	5.490	225339	AMMECCR1L	NM_153515_18_+1
Bcl2l13	3.812	3.873	4.366	4.480	4.359	4.385	4.475	4.454	5.365	5.086	94044	BCL2L13	NM_153516_6_+1
Lrrc41	5.120	5.378	5.605	5.591	5.292	5.230	5.116	5.220	5.893	5.961	230654	LRRC41	NM_153521_4_+1
Tcstv3	-0.846	-0.874	-4.958	-4.958	-4.895	-4.976	-4.981	-4.981	-4.981	-4.981	236219	NA	NM_153523_13_+1
Tmem41b	4.713	3.905	4.753	4.071	4.715	4.396	4.604	3.842	4.209	4.169	233724	TMEM41B	NM_153525_7_-1
Insig1	6.478	7.287	4.331	4.656	3.812	4.638	4.269	5.734	5.389	6.648	231070	INSIG1	NM_153526_5_+1
Dnajb13	1.808	0.608	0.753	0.812	0.481	0.121	0.362	0.479	0.261	-0.035	69387	DNAJB13	NM_153527_7_-1
Gramd1c	2.121	2.327	2.079	2.106	1.409	1.648	-0.562	1.013	-0.039	-0.493	207798	NA	NM_153528_16_-1
Nrn1	-1.901	-4.981	-4.814	-0.962	-0.684	1.049	-3.750	-2.019	-4.981	-3.481	68404	NRN1	NM_153529_13_-1
Dis3l2	4.067	3.706	4.049	4.117	4.026	4.214	3.348	3.927	4.201	4.115	208718	DIS3L2	NM_153530_1_+1
Zfp280c	-0.697	-4.447	-1.651	-3.373	-0.779	-0.978	-2.497	-0.416	-1.575	-0.209	208968	ZNF280C	NM_153532_X_-1
Tns2	-3.843	-4.981	-4.327	-2.325	-1.088	-1.112	-1.011	-1.228	-1.046	-2.684	209039	TNS2	NM_153533_15_+1
Fam149a	-1.120	-2.239	6.993	7.083	1.529	2.175	1.591	2.909	-0.053	0.122	212326	FAM149A	NM_153535_8_-1
Phldb1	0.256	-1.295	0.352	0.440	0.097	-0.699	0.670	-0.224	-0.083	0.708	102693	PHLDB1	NM_153537_9_-1
Zcchc6	5.526	5.596	6.056	5.851	6.097	6.066	6.201	6.365	6.966	7.183	214290	ZCCHC6	NM_153538_13_-1
Pomgnt2	-2.901	-4.981	-2.125	-0.962	-3.210	-2.832	-2.744	-2.367	-4.981	-1.474	215494	POMGNT2	NM_153540_9_-1
Lrrc20	0.627	1.273	1.681	1.876	1.583	1.635	1.760	2.146	4.226	3.841	216011	LRRC20	NM_153542_10_+1
Aldh1l2	-4.981	-1.814	-3.065	-4.849	-2.037	-3.536	-3.338	-2.528	-4.981	-4.981	216188	ALDH1L2	NM_153543_10_-1
BC030867	-4.981	-4.981	-1.612	-0.021	0.685	-1.764	0.437	-0.573	-0.917	-2.797	217216	C17orf53	NM_153544_11_+1
Lrrc45	4.979	4.885	4.968	4.986	4.464	4.698	4.489	4.689	4.792	4.851	217366	LRRC45	NM_153545_11_+1
Mboat1	-4.981	-2.353	2.876	3.344	1.689	1.060	2.828	3.120	3.554	4.090	218121	MBOAT1	NM_153546_13_+1
Gnl3	5.630	5.536	5.106	5.270	4.762	4.912	4.789	5.207	2.845	2.660	30877	GNL3	NM_153547_14_-1
E430025E21Rik	3.993	4.134	4.952	5.004	4.176	4.208	4.316	4.657	5.506	5.745	223593	KIAA0196	NM_153548_15_-1
Dirc2	8.312	8.464	2.643	3.116	3.976	3.877	4.248	4.596	5.420	5.403	224132	DIRC2	NM_153550_16_-1
Dennd1c	5.378	5.440	5.653	5.758	6.747	6.858	6.021	5.878	5.766	5.564	70785	DENND1C	NM_153551_17_-1
Thoc1	5.369	5.627	5.349	5.271	5.287	5.465	5.449	5.562	5.165	5.319	225160	THOC1	NM_153552_18_+1
Aldh18a1	1.934	1.602	1.777	2.256	0.343	1.659	0.763	0.741	0.933	1.762	56454	ALDH18A1	NM_153554_19_-1
Dcaf8	6.239	6.026	6.198	6.216	6.521	6.505	6.276	6.074	6.587	6.521	98193	DCAF8	NM_153555_1_+1
Pms1	1.968	2.916	3.043	2.954	3.259	2.998	2.667	2.580	2.121	2.331	227099	PMS1	NM_153556_1_-1
BC029214	5.383	5.303	3.705	3.509	4.433	4.372	4.186	4.140	3.638	3.395	227622	C9orf142	NM_153557_2_-1
Qsox2	1.259	2.116	1.074	0.924	0.318	0.860	0.299	0.014	0.605	1.039	227638	QSOX2	NM_153559_2_-1
Fam102a	1.397	0.332	3.864	3.924	4.008	4.152	3.601	3.674	3.473	3.279	98952	FAM102A	NM_153560_2_+1
Nudt6	1.388	0.808	1.877	-0.279	1.441	-1.048	1.108	-1.438	1.286	-1.507	229228	NUDT6	NM_153561_3_-1
Rrnad1	3.948	3.910	3.786	3.731	4.095	4.088	3.698	3.749	3.643	3.481	229503	RRNAD1	NM_153562_3_-1
Strip1	4.417	4.807	4.802	4.858	4.965	5.040	4.944	4.839	5.366	5.312	229707	STRIP1	NM_153563_3_-1

Gbp5	1.263	1.502	4.127	5.522	3.336	3.974	2.892	3.819	2.636	3.305	229898	GBP5	NM_153564_3_+1
Yrdc	5.918	5.842	5.721	5.686	5.663	5.620	5.572	5.339	5.220	4.857	230734	YRDC	NM_153566_4_+1
Slain2	4.056	4.323	4.805	4.220	4.446	4.134	4.596	4.476	5.775	5.469	75991	SLAIN2	NM_153567_5_+1
Gak	4.963	4.630	6.085	5.943	6.079	5.823	6.186	6.081	7.254	7.178	231580	GAK	NM_153569_5_-1
Noc4l	5.206	5.246	4.847	5.052	4.777	4.773	4.916	4.984	4.575	4.424	100608	NOC4L	NM_153570_5_-1
Hscb	4.713	4.260	3.629	3.876	4.032	3.899	4.063	3.847	3.113	2.947	100900	HSCB	NM_153571_5_-1
Katnal1	2.599	2.455	0.875	0.973	1.489	1.915	0.741	1.362	0.885	1.291	231912	KATNAL1	NM_153572_5_-1
Fkbp14	-4.981	-2.681	-1.066	0.125	-4.859	-3.076	-4.835	-3.237	-4.981	-1.361	231997	FKBP14	NM_153573_6_-1
Fam13a	-2.178	-2.353	-3.694	-4.908	-4.467	-4.940	-4.125	-4.894	-2.989	-3.816	58909	NA	NM_153574_6_-1
Cxcl17	-4.981	-4.981	-4.639	-4.593	-3.417	-4.410	-4.047	-3.178	-3.022	-4.316	232983	CXCL17	NM_153576_7_-1
Syne4	-2.573	-2.883	-2.696	-2.225	-2.334	-3.125	-2.518	-3.411	-3.043	-2.360	233066	SYNE4	NM_153577_7_+1
Nipa1	-3.336	-0.741	0.418	2.127	1.185	2.041	1.204	2.484	-0.304	1.780	233280	NIPA1	NM_153578_7_-1
Sv2b	-4.166	-3.291	-4.980	-4.980	-4.971	-4.799	-4.945	-4.761	-4.981	-4.804	64176	SV2B	NM_153579_7_-1
Ino80e	5.635	5.578	5.042	5.074	5.356	5.284	5.063	4.869	4.761	4.346	233875	INO80E	NM_153580_7_-1
Cmtm4	-0.160	0.185	1.808	2.103	0.178	-1.304	0.389	0.394	-0.391	0.445	97487	CMTM4	NM_153582_8_-1
Atg4d	4.942	4.810	4.217	4.383	4.362	4.316	4.967	4.943	6.506	5.782	235040	ATG4D	NM_153583_9_+1
Fam214a	1.197	-0.758	1.940	2.431	3.057	3.431	2.164	0.262	2.665	2.193	235493	FAM214A	NM_153584_9_+1
Cnot10	4.769	4.875	4.723	4.693	4.679	4.802	4.520	5.014	4.933	4.866	78893	CNOT10	NM_153585_9_-1
Rbm41	2.826	2.423	3.376	2.773	2.741	3.044	2.671	2.708	3.345	3.610	237073	RBM41	NM_153586_X_-1
Rps6ka5	4.282	4.253	3.727	3.843	4.054	3.826	4.018	3.944	3.604	4.067	73086	RPS6KA5	NM_153587_12_-1
Mkl2	-4.904	-4.868	-2.961	-2.941	-3.689	-1.128	-2.801	-4.053	-4.691	-4.858	239719	MKL2	NM_153588_16_+1
Ano2	-4.981	-1.083	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	243634	ANO2	NM_153589_6_+1
Klre1	-0.156	0.627	-0.004	-0.181	0.719	0.847	0.633	-0.153	-3.189	-4.981	243655	NA	NM_153590_6_+1
Nars2	3.414	3.439	2.953	3.182	2.693	2.851	2.404	2.953	2.132	2.243	244141	NARS2	NM_153591_7_+1
Erlin2	4.131	4.563	6.204	6.338	5.399	5.532	5.343	5.674	5.644	5.947	244373	ERLIN2	NM_153592_8_+1
Pcmt2	4.695	4.847	4.516	4.420	4.349	4.589	4.754	5.046	5.273	5.813	245867	PCMT2	NM_153594_2_+1
Ttc41	1.306	1.776	-2.884	-4.235	-4.123	-3.792	-4.101	-3.316	-4.978	-4.588	103220	NA	NM_153595_10_+1
Tmem17	2.548	2.556	1.558	1.359	0.930	0.939	0.446	1.101	0.429	-0.275	103765	TMEM17	NM_153596_11_+1
Trpt1	2.983	3.006	0.781	0.930	2.049	2.100	1.199	0.796	-0.896	0.093	107328	TRPT1	NM_153597_19_+1
Cdk8	3.474	3.504	3.043	3.003	3.122	3.528	3.258	3.281	3.386	3.572	264064	CDK8	NM_153599_5_+1
Ttc26	-1.579	-0.817	-4.255	-3.187	-2.129	-3.608	-4.312	-4.827	-2.600	-1.331	264134	TTC26	NM_153600_6_+1
Cpt1c	-0.139	0.335	0.259	0.015	-0.973	-2.484	-0.978	-0.796	-2.717	-2.635	78070	CPT1C	NM_153679_7_-1
Snx17	6.926	6.920	6.932	7.005	6.719	6.619	6.812	6.834	7.171	6.927	266781	SNX17	NM_153680_5_+1
Dnmt3a	-0.619	2.043	1.025	0.161	4.859	5.515	3.989	2.862	-2.070	-1.399	13435	DNMT3A	NM_153743_12_+1
Prkag3	-3.090	-3.262	-4.276	-3.475	-4.120	-4.392	-4.140	-4.954	-2.563	-4.981	241113	PRKAG3	NM_153744_1_-1
Mill2	-2.539	-0.562	-4.962	-4.962	-4.967	-4.761	-4.962	-4.981	-4.981	-3.569	243864	MICB	NM_153760_7_+1
Mill2	-4.530	1.000	-4.942	-4.942	-4.981	-4.981	-4.975	-4.971	-4.981	-4.869	243864	MICB	NM_153761_7_+1
Rnf26	3.695	3.602	3.561	3.839	3.661	3.670	3.764	3.634	4.382	3.899	213211	RNF26	NM_153762_9_-1
Ipo9	5.789	5.876	4.539	4.759	5.192	5.396	4.832	5.397	5.358	5.646	226432	IPO9	NM_153774_1_-1
Ctu2	5.128	4.899	4.916	5.022	5.265	5.143	5.203	5.047	5.082	4.540	66965	CTU2	NM_153775_8_+1
Tmem121	-2.178	-2.895	-4.959	-3.764	-4.224	-3.595	-4.744	-3.422	-4.981	-3.853	69195	TMEM121	NM_153776_12_+1
Lrrc56	-4.420	-1.206	-2.285	-2.980	-4.880	-2.584	-2.664	-2.150	-4.904	-2.663	70552	LRRC56	NM_153777_7_+1
Atoh8	-2.573	-2.126	-4.413	-2.793	-2.337	-2.570	-4.013	-2.414	-4.981	-4.981	71093	ATOH8	NM_153778_6_-1
Aifm2	-2.362	-1.620	-2.894	-2.160	-2.717	-4.941	-4.514	-2.448	-4.960	-2.951	71361	AIFM2	NM_153779_10_+1
2610044015Rik8	3.986	2.871	2.695	1.965	2.967	1.775	2.864	1.992	2.269	2.006	72139	NA	NM_153780_8_-1
Pygb	3.865	4.203	5.187	5.213	5.262	4.999	4.873	4.861	5.288	5.127	110078	PYGB	NM_153781_2_+1
Fam20a	-1.987	-3.267	-4.992	-3.585	-4.157	-4.382	0.845	1.584	1.567	1.387	208659	FAM20A	NM_153782_11_-1
Paox	4.888	4.868	3.464	3.620	5.518	5.496	4.832	4.529	4.155	4.150	212503	PAOX	NM_153783_7_+1
Ccdc64b	-4.981	-4.981	-3.962	-4.580	-3.762	-4.925	-4.923	-2.661	-2.834	-4.981	212733	BICDL2	NM_153784_17_+1
Cdkl3	-0.721	0.354	0.460	3.499	-1.398	-1.877	-4.845	-3.943	-1.190	-4.072	213084	CDKL3	NM_153785_11_+1
Bclaf1	3.915	4.160	4.324	4.595	4.325	4.085	3.910	4.203	3.667	3.583	72567	BCLAF1	NM_153787_10_+1
Acap1	6.718	6.871	3.983	4.263	6.666	6.687	5.203	5.375	3.187	1.621	216859	ACAP1	NM_153788_11_-1
Myli1	3.051	2.295	4.106	5.329	4.192	4.807	4.613	5.300	4.029	4.814	218203	MYLI1	NM_153789_13_+1
Scarf2	-2.233	-4.981	-3.287	-3.590	-4.811	-3.607	-3.438	-3.472	-0.832	-1.686	224024	SCARF2	NM_153790_16_+1
Flywch1	1.980	2.207	2.691	2.160	2.542	2.204	2.701	1.909	3.170	2.348	224613	FLYWCH1	NM_153791_17_-1
Traf7	1.979	2.432	2.012	1.234	2.102	1.646	1.249	1.654	2.649	3.176	224619	TRAF7	NM_153792_17_-1
Rel2	1.817	0.509	1.674	1.028	0.803	0.366	-0.139	-0.577	-2.387	-1.939	225392	RELL2	NM_153793_18_+1
Fam210a	4.554	3.728	4.070	4.124	3.672	3.689	3.700	3.685	3.475	3.995	108654	FAM210A	NM_153794_18_-1
Fermt3	7.253	7.242	8.214	8.391	8.181	8.175	8.223	8.301	9.066	8.857	108101	FERMT3	NM_153795_19_-1
Peo1	3.154	3.382	2.955	3.026	2.842	2.961	2.426	2.594	2.835	2.606	226153	C10orf2	NM_153796_19_+1
Polr2b	5.269	5.211	5.274	5.410	5.660	5.620	5.567	5.847	6.149	6.129	231329	POLR2B	NM_153798_5_+1
Edc3	4.288	4.576	4.742	4.878	4.844	4.745	4.540	4.517	5.352	5.168	353190	EDC3	NM_153799_9_+1
Arhgap22	1.065	-2.353	6.678	6.489	4.968	4.806	4.338	3.724	-0.668	-0.387	239027	ARHGA22	NM_153800_14_+1
Zfp128	0.542	1.298	2.134	1.668	2.898	2.715	2.538	2.441	3.179	3.208	243833	ZNF8	NM_153802_7_+1
Plekhg3	1.768	2.195	2.858	2.397	4.128	3.855	3.940	3.765	5.587	5.424	263406	PLEKHG3	NM_153804_12_+1
Pkn3	1.945	2.559	2.325	2.263	1.084	1.295	1.563	1.196	1.306	1.435	263803	PKN3	NM_153805_2_+1
Dnttip2	6.020	6.032	5.810	5.918	6.013	6.034	6.031	5.978	5.760	5.896	99480	DNTTIP2	NM_153806_3_+1
Acsf2	3.060	2.865	2.601	2.994	3.023	3.748	2.493	3.399	2.163	3.020	264895	ACSF2	NM_153807_11_-1
Smc5	1.716	3.467	3.986	4.261	2.823	4.411	3.230	3.996	3.487	3.731	226026	SMC5	NM_153808_19_-1
Arhgap15	6.516	6.884	7.129	7.151	7.496	7.320	7.225	7.056	7.734	7.535	76117	ARHGA15	NM_153820_2_+1
Cpne1	3.666	2.350	4.165	4.226	4.234	4.155	4.780	3.508	5.049	4.318	266692	CPNE1	NM_170588_2_-1
Cpne1	5.120	4.917	6.593	5.556	6.212	5.267	5.874	5.291	7.059	6.274	266692	CPNE1	NM_170590_2_-1
Nupl1	3.823	3.941	4.973	5.182	4.699	4.427	4.514	4.579	5.144	5.106	71844	NUP58	NM_170591_14_-1
Ntmt1	5.201	5.138	4.597	4.596	4.449	4.294	4.409	4.188	3.858	3.668	66617	NTMT1	NM_170592_2_+1

Creg2	-2.164	-4.981	-3.227	-2.588	-2.906	-3.769	-1.265	0.115	1.083	0.796	263764	CREG2	NM_170597_1_-1
Rbm12	1.779	3.135	1.882	1.539	2.248	1.310	2.990	1.587	1.836	2.237	75710	RBM12	NM_170598_2_-1
Igsf11	-1.327	-4.981	-4.969	-4.716	-4.896	-4.157	-4.967	-4.039	-4.981	-4.981	207683	IGSF11	NM_170599_16_+1
Rps15a	8.356	8.269	8.726	8.484	8.628	8.492	8.784	8.405	7.337	7.107	267019	RPS15A	NM_170669_7_-1
Mycbpap	0.869	0.813	-3.439	-2.027	-3.225	-3.841	-4.247	-4.081	-4.981	-4.227	104601	MYCBPAP	NM_170671_11_-1
Cpne9	-4.981	-2.997	-2.240	-2.931	-3.150	-4.302	-4.257	-4.829	-2.919	-2.160	211232	CPNE9	NM_170673_6_+1
Abcc10	1.695	1.550	2.324	2.415	2.219	2.221	1.606	2.333	2.131	3.382	224814	ABCC10	NM_170680_17_-1
Cpne7	-4.981	-4.981	-4.940	-4.940	-3.342	-4.532	-3.400	-4.597	-2.989	-4.981	102278	CPNE7	NM_170684_8_+1
Cd40	-0.187	-4.981	1.457	1.970	2.323	1.857	1.535	2.209	1.604	1.744	21939	CD40	NM_170702_2_+1
Cd40	0.162	-2.701	4.064	3.747	4.473	3.931	4.121	3.947	3.328	3.410	21939	CD40	NM_170703_2_+1
Cd40	0.584	-1.125	3.106	2.975	2.705	2.689	2.624	2.517	1.919	1.997	21939	CD40	NM_170704_2_+1
Fam134a	4.331	4.553	4.704	4.590	4.444	4.550	4.683	5.298	5.915	5.763	227298	FAM134A	NM_170755_1_+1
Spata2	4.516	4.257	4.579	4.421	4.695	4.639	4.449	4.308	5.110	4.866	263876	SPATA2	NM_170756_2_-1
Ccdc186	4.663	4.528	4.334	3.791	4.402	4.485	4.053	3.926	3.738	3.893	213993	CCDC186	NM_170757_19_-1
Cd300a	7.467	7.620	7.099	6.985	8.571	8.933	8.970	9.351	9.596	9.797	217303	CD300A	NM_170758_11_+1
Zfp628	1.579	1.548	1.660	1.272	1.947	1.455	1.588	1.110	1.772	1.414	232816	ZNF628	NM_170759_7_+1
U2af14	6.110	6.125	5.209	5.205	5.550	5.660	5.551	5.407	4.581	4.484	233073	NA	NM_170760_7_+1
Elof1	6.070	5.892	5.491	5.194	5.492	5.347	5.698	5.512	5.294	5.002	66126	ELOF1	NM_170777_9_-1
Dpyd	-4.981	-4.981	-4.981	-4.981	-4.986	-4.629	-4.981	-4.981	-4.981	-4.981	99586	DPYD	NM_170778_3_+1
Wwvc1	-4.981	-4.981	-4.978	-4.410	-3.819	-4.944	-4.785	-3.193	-4.981	-4.981	211652	WWVC1	NM_170779_11_-1
Cntf	-4.981	-4.981	-3.969	-4.160	-4.834	-4.977	-4.324	-4.638	-3.062	-4.724	12803	CNTF	NM_170786_19_-1
Cldnd1	0.652	-1.628	-1.658	0.851	-3.158	-4.337	-0.754	-0.317	-2.455	-2.486	224250	CLDND1	NM_171826_16_+1
Iars	4.393	4.504	5.850	6.033	4.945	5.057	5.206	5.608	5.544	5.764	105148	IARS	NM_172015_13_+1
Tmem18	3.647	3.778	3.894	4.334	3.752	4.128	3.093	3.781	3.800	4.242	211986	NA	NM_172049_12_+1
Cd300e	1.698	-0.082	5.102	3.784	3.217	2.568	6.827	6.466	4.749	3.686	217306	CD300E	NM_172050_11_-1
Tmcc3	-1.470	1.690	-0.481	0.246	0.788	-0.832	0.792	0.710	0.725	-0.006	319880	TMCC3	NM_172051_10_+1
Txndc9	6.330	6.499	6.191	6.265	6.047	6.034	5.943	6.010	5.606	5.875	98258	TXNDC9	NM_172054_1_-1
Rpl32	9.825	9.750	10.466	10.349	10.108	9.985	10.343	10.220	9.205	9.089	19951	NA	NM_172086_6_-1
Pddc1	6.120	5.968	5.228	5.153	5.162	5.225	5.020	5.161	5.402	5.148	213350	PDDC1	NM_172116_7_-1
Entpd6	3.777	3.736	4.915	5.145	4.895	6.034	4.835	5.051	4.481	4.282	12497	ENTPD6	NM_172117_2_+1
Myl9	0.294	-0.181	0.547	0.526	0.222	0.148	0.944	1.002	1.303	1.983	98932	MYL9	NM_172118_2_+1
Vps41	5.790	5.895	6.625	6.322	6.101	6.147	6.123	6.249	6.434	6.579	218035	VPS41	NM_172120_13_+1
Zc3h3	2.039	1.568	2.681	2.468	2.555	2.428	2.760	2.745	4.279	3.761	223642	ZC3H3	NM_172121_15_-1
Crocc	-1.239	0.152	-2.327	-4.533	-0.267	-1.545	-2.720	-2.192	0.581	-2.322	230872	CROCC	NM_172122_4_-1
B3gat2	-0.165	-0.136	0.318	-0.690	-0.321	-0.289	-0.611	-0.574	0.300	0.657	280645	B3GAT2	NM_172124_1_+1
Adam1a	-0.607	-1.459	-1.131	-0.778	-0.699	-0.917	-1.582	-1.206	-0.515	-0.302	280668	NA	NM_172126_5_-1
Kdm4b	4.348	4.255	4.131	4.252	4.347	4.362	3.926	4.148	4.604	4.751	193796	KDM4B	NM_172132_17_+1
Adap2	3.522	2.880	4.014	3.978	3.519	3.371	3.938	3.989	3.353	3.333	216991	ADAP2	NM_172133_11_+1
Pdxk	4.318	4.312	5.310	5.495	6.396	6.385	5.960	5.874	5.561	5.844	216134	PDXK	NM_172134_10_-1
Mterf1a	-2.059	0.512	0.602	-0.625	0.265	-1.482	-0.892	-1.351	0.853	-2.588	545725	MTERF1	NM_172135_5_-1
Nfkbid	7.175	7.066	5.879	5.587	7.935	7.879	7.204	6.516	5.460	5.768	243910	NFKBID	NM_172142_7_+1
Ppp2r3a	-3.235	-2.744	-2.377	-2.976	-3.427	-4.213	-2.728	-1.772	-1.628	-1.526	235542	PPP2R3A	NM_172144_9_-1
Eva1b	2.935	2.599	3.025	3.038	3.941	3.530	3.413	2.852	1.271	1.731	230752	EVA1B	NM_172145_4_+1
Ppat	3.431	3.650	4.232	4.560	4.458	4.553	4.040	4.377	3.144	3.551	231327	PPAT	NM_172146_5_-1
Plb1	-1.636	-4.981	-1.890	-0.716	-2.645	-1.223	-3.790	-4.098	-4.981	-4.981	665270	PLB1	NM_172147_5_+1
B9d2	6.729	6.547	5.632	5.491	6.659	6.762	6.115	5.871	5.538	5.338	232987	B9D2	NM_172148_7_+1
Bnip1	5.531	5.325	4.518	4.687	4.371	4.437	3.641	4.120	3.053	3.111	224630	BNIP1	NM_172149_17_+1
Ift52	6.107	6.101	6.060	5.833	6.040	6.068	5.774	5.631	5.517	5.324	245866	IFT52	NM_172150_2_+1
Zdhhc8	2.812	2.715	2.376	2.464	2.810	2.537	2.079	2.093	2.430	2.892	27801	ZDHHC8	NM_172151_16_-1
Lcorl	-4.694	-4.451	0.210	1.002	-2.574	-2.952	-2.371	0.282	-3.778	0.337	209707	LCORL	NM_172153_5_-1
Lcor	2.716	2.336	2.548	2.195	3.118	2.717	2.384	1.546	2.127	1.650	212391	LCOR	NM_172154_19_+1
Irak2	4.529	4.860	5.205	5.034	4.968	4.721	5.215	5.435	6.121	5.738	108960	IRAK2	NM_172161_6_+1
Hinfp	2.893	2.841	3.696	3.579	3.138	2.845	2.662	2.681	3.098	3.661	102423	HINFP	NM_172162_9_-1
Nox1	-2.711	-0.988	-3.377	-4.142	-4.341	-4.519	-3.850	-4.634	-4.981	-3.209	237038	NOX1	NM_172203_X_-1
Sbsn	-1.981	-4.981	-1.767	-4.607	-0.696	-3.480	-1.726	-4.928	-1.288	-3.942	282619	SBSN	NM_172205_7_+1
Mrpl21	5.388	5.380	4.937	4.940	4.830	4.946	5.159	4.801	4.100	4.098	353242	MRPL21	NM_172252_19_+1
Twistnb	5.649	5.518	5.790	5.689	5.588	5.592	5.894	5.486	5.138	5.279	28071	TWISTNB	NM_172253_12_+1
Dph3	5.413	5.475	5.316	5.247	4.633	4.549	5.163	5.136	4.474	4.456	105638	DPH3	NM_172254_14_-1
Wdr11	4.111	4.155	5.691	5.496	5.708	5.910	4.978	4.911	5.314	5.711	207425	WDR11	NM_172255_7_+1
Dync2li1	3.838	4.193	2.809	3.019	-4.590	-2.629	-2.527	-0.111	1.941	2.355	213575	DYNC2L1	NM_172256_17_+1
Sidt2	5.446	5.341	4.959	4.883	5.498	5.557	5.478	6.203	7.768	7.777	214597	SIDT2	NM_172257_9_-1
Slc36a3	-0.709	-1.116	1.825	1.994	1.968	2.021	1.055	0.903	-1.227	-1.385	215332	SLC36A3	NM_172258_11_-1
Myl6b	-2.185	-4.981	-2.183	-3.250	-3.823	-4.373	-3.114	-4.018	-4.981	-3.690	216459	MYL6B	NM_172259_10_-1
Cep68	3.148	2.725	3.180	2.968	3.332	3.172	3.371	3.274	2.256	2.706	216543	CEP68	NM_172260_11_-1
Ppp1r9b	3.841	3.552	4.259	4.079	4.237	4.050	4.820	4.459	5.413	5.369	217124	PPP1R9B	NM_172261_11_+1
Kdm1b	5.958	5.537	4.800	4.704	4.729	4.322	4.240	3.729	4.141	4.288	218214	NA	NM_172262_13_+1
Pde8b	1.322	0.115	3.198	3.199	1.810	1.959	2.001	1.592	3.308	3.314	218461	PDE8B	NM_172263_13_-1
Chdh	4.465	3.973	-2.410	-3.914	-4.537	-3.085	-4.090	-1.836	-1.120	-2.273	218865	CHDH	NM_172264_14_+1
Eif2b5	4.922	5.083	5.351	5.480	5.275	5.218	5.309	5.485	5.546	5.351	224045	EIF2B5	NM_172265_16_+1
Lpgat1	4.561	4.893	4.353	4.155	4.034	3.866	3.967	3.929	3.858	4.665	226856	LPGAT1	NM_172266_1_+1
Phyh1	-4.981	-4.981	-1.810	-3.542	-1.128	-2.642	-0.769	0.419	-1.579	-2.988	227696	PHYH1	NM_172267_2_+1
Nup214	5.127	5.176	5.500	5.549	5.759	5.708	5.452	5.397	5.433	5.166	227720	NUP214	NM_172268_2_+1
Vps18	3.286	3.480	4.649	4.549	5.069	4.685	4.547	4.348	4.765	4.754	228545	VPS18	NM_172269_2_+1
Pars2	0.430	1.169	0.272	1.088	1.751	1.080	1.474	1.143	1.498	0.936	230577	PARS2	NM_172272_4_+1

Cc2d2a	-2.948	-4.981	0.076	1.121	0.878	-0.284	-0.698	-3.327	-4.981	-2.261	231214	CC2D2A	NM_172274_5_+1
Trafd1	2.224	1.701	5.663	5.640	4.304	3.175	4.545	4.413	5.961	5.515	231712	TRAFD1	NM_172275_5_-1
Sfswap	3.691	4.260	3.792	3.839	4.458	4.377	4.168	3.972	3.999	3.924	231769	SFSWAP	NM_172276_5_+1
Snx8	0.810	0.544	4.190	4.107	3.638	3.264	4.999	4.562	3.360	3.420	231834	SNX8	NM_172277_5_-1
Mark4	-0.376	0.159	0.293	-0.056	0.635	-0.150	0.839	0.526	2.582	2.063	232944	MARK4	NM_172279_7_-1
Emsy	2.883	3.157	3.797	3.330	4.190	3.853	3.597	3.691	4.503	4.490	233545	EMSY	NM_172280_7_-1
Rnf40	4.456	4.059	4.876	4.810	5.652	5.352	5.208	5.088	6.201	5.698	233900	RNF40	NM_172281_7_+1
Tmco3	3.290	3.565	3.947	3.971	3.048	3.525	2.889	3.693	3.560	3.946	234076	TMCO3	NM_172282_8_+1
Fuk	1.202	1.453	2.183	2.434	2.619	2.301	2.298	0.988	2.845	2.217	234730	FUK	NM_172283_8_-1
Ddx19b	3.616	3.984	4.106	4.170	3.802	3.848	3.583	3.727	3.619	3.659	234733	DDX19B	NM_172284_8_-1
Plcg2	6.430	6.580	7.277	7.293	7.565	7.540	7.906	7.874	8.852	8.830	234779	PLCG2	NM_172285_8_+1
6430548M08Rik	-1.180	-4.456	-2.566	-1.640	-0.743	-4.697	0.557	-0.042	1.828	0.349	234797	KIAA0513	NM_172286_8_+1
Spire2	-3.843	-4.981	-1.048	-1.514	-3.259	-4.314	-4.042	-3.042	-4.981	-4.981	234857	SPIRE2	NM_172287_8_+1
Nup133	3.504	3.452	3.212	3.273	3.911	3.806	3.924	4.193	4.235	4.147	234865	NUP133	NM_172288_8_-1
Slc36a4	1.634	1.470	0.983	1.273	1.409	1.346	1.369	1.579	3.223	3.515	234967	SLC36A4	NM_172289_9_+1
Foxred1	-0.170	-1.351	-0.267	-2.098	-1.275	0.375	0.378	-1.240	0.557	-0.939	235169	FOXRED1	NM_172291_9_-1
Pced1b	1.374	0.893	0.281	0.015	0.099	0.141	0.455	0.893	1.356	0.841	239647	PCED1B	NM_172293_15_+1
Sulf1	-4.167	-3.898	-4.874	-4.878	-4.924	-4.877	-4.803	-4.985	-4.981	-4.981	240725	SULF1	NM_172294_1_+1
Mab21l3	-1.365	-4.981	4.503	4.492	-4.962	-4.476	-2.554	-3.056	-4.981	-4.981	242125	MAB21L3	NM_172295_3_-1
Ccdc9	4.189	3.936	4.246	4.053	4.407	4.157	4.865	4.159	4.885	4.290	243846	CCDC9	NM_172297_7_-1
Tshz3	-0.769	0.009	-1.596	0.414	-0.098	1.703	-3.080	-2.760	-4.981	-4.981	243931	TSHZ3	NM_172298_7_+1
Ube2z	4.460	4.580	5.621	5.696	5.322	5.341	5.145	5.104	5.433	5.426	268470	UBE2Z	NM_172300_11_-1
Ccnb1	-0.235	1.630	4.138	5.053	4.849	4.495	4.262	4.539	2.317	2.669	268697	CCNB1	NM_172301_13_-1
Cpsf7	3.491	3.804	4.305	4.221	4.348	4.203	4.005	4.223	3.448	3.217	269061	CPSF7	NM_172302_19_+1
Jade1	4.274	4.293	1.892	2.512	3.550	3.471	3.477	2.416	2.028	2.432	269424	JADE1	NM_172303_3_+1
Tex10	4.884	4.917	5.162	5.005	5.063	5.003	5.105	5.232	5.341	5.235	269536	TEX10	NM_172304_4_-1
Mbtps2	3.871	3.596	3.006	2.819	2.456	2.537	2.709	2.278	2.486	2.714	270669	MBTPS2	NM_172307_X_-1
Mthfd1l	1.684	4.031	1.534	2.440	2.718	2.376	2.351	2.844	3.576	2.673	270685	MTHFD1L	NM_172308_10_+1
Arntl2	-4.131	-4.282	-4.972	-4.972	-4.771	-4.900	-4.937	-4.881	-4.173	-4.822	272322	ARNTL2	NM_172309_6_+1
Tarsl2	0.131	-0.146	2.720	2.845	2.072	1.848	1.553	2.043	2.096	2.186	272396	TARSL2	NM_172310_7_+1
Dnajc16	2.411	2.623	3.192	4.214	3.438	4.590	3.177	4.316	3.219	4.399	214063	DNAJC16	NM_172338_4_-1
Snapc4	2.610	2.085	2.580	2.555	3.079	3.201	2.897	2.863	3.304	3.124	227644	SNAPC4	NM_172339_2_-1
Slc16a13	3.460	3.593	3.082	2.992	2.880	3.102	2.957	3.061	2.952	2.846	69309	SLC16A13	NM_172371_11_-1
Wdr45	1.527	2.585	2.233	1.621	0.198	0.915	1.514	1.537	2.247	2.191	54636	WDR45	NM_172372_X_+1
Fam149b	2.954	1.108	0.133	-0.331	0.881	-2.714	-2.126	-1.034	1.062	-0.825	105428	FAM149B1	NM_172379_14_+1
Poglut1	4.155	4.554	6.035	6.304	4.321	4.138	4.487	4.713	4.187	4.650	224143	POGLUT1	NM_172380_16_-1
AI314180	4.543	4.636	5.308	5.152	4.907	4.811	4.587	4.959	5.413	5.311	230249	KIAA0368	NM_172381_4_-1
Kdm4a	1.437	1.786	2.514	3.150	2.948	3.388	-0.672	0.021	0.627	-2.593	230674	KDM4A	NM_172382_4_-1
Zfp536	-2.647	-4.981	-2.450	-2.901	-1.965	-2.343	-2.830	-2.754	-1.650	-3.510	243937	ZNF536	NM_172385_7_-1
Ahsa2	5.555	5.775	4.503	4.644	5.009	4.903	4.910	4.873	4.651	4.889	268390	NA	NM_172391_11_-1
Zfp759	1.949	0.928	1.591	1.365	1.715	1.512	1.194	1.339	1.480	1.930	268670	NA	NM_172392_13_+1
Aim1	1.107	0.784	6.202	6.118	5.846	5.654	5.635	6.056	6.573	6.878	11630	AIM1	NM_172393_10_-1
Nup88	5.359	5.518	6.194	6.111	5.907	5.626	5.585	5.399	5.436	5.526	19069	NUP88	NM_172394_11_-1
Cdc42se1	5.889	6.139	5.792	6.092	5.665	5.820	5.655	5.852	6.133	6.206	57912	CDC42SE1	NM_172395_3_+1
Smim7	6.924	6.920	6.317	6.278	6.198	6.261	6.426	6.514	6.665	6.558	66818	SMIM7	NM_172396_8_-1
Limd2	7.540	6.685	8.636	8.773	10.721	10.617	9.979	9.725	9.127	8.732	67803	LIMD2	NM_172397_11_-1
Akr1b10	3.173	3.586	4.827	4.938	3.487	3.671	3.930	3.902	3.429	3.431	67861	NA	NM_172398_6_+1
Ndnf	-2.573	-4.981	-2.234	-2.000	-0.524	-0.917	0.731	0.330	1.787	0.828	68169	NDNF	NM_172399_6_+1
Dnajc8	8.021	7.928	8.554	8.597	8.227	8.280	8.159	7.924	7.204	6.891	68598	DNAJC8	NM_172400_4_+1
Ldah	5.152	5.450	5.110	5.224	4.908	4.870	4.932	5.048	5.218	5.322	68832	LDAH	NM_172401_12_+1
Slc25a32	2.794	3.512	3.699	3.613	3.693	3.352	3.749	3.475	4.116	4.204	69906	SLC25A32	NM_172402_15_-1
2810021J22Rik	1.889	2.868	1.811	2.040	2.548	2.673	2.017	2.464	2.608	2.317	69944	NA	NM_172403_11_+1
Kyat1	2.120	2.376	1.273	1.361	1.371	1.457	1.296	1.820	1.453	1.285	70266	KYAT1	NM_172404_2_-1
Fam175a	4.577	4.540	3.020	3.147	3.713	3.447	3.395	3.372	2.661	2.369	70681	FAM175A	NM_172405_5_-1
Trak2	4.224	4.662	4.619	4.394	4.206	4.536	4.358	4.739	4.807	4.959	70827	TRAK2	NM_172406_1_-1
Cdkn2aip	4.188	4.228	3.896	3.782	3.758	4.101	4.024	4.388	4.630	4.698	70925	CDKN2AIP	NM_172407_8_-1
Fmnl2	6.177	6.417	6.737	6.553	2.944	2.964	3.337	3.559	-0.664	-0.114	71409	FMNL2	NM_172409_2_+1
Nup93	4.446	4.672	5.834	5.995	4.731	4.865	4.525	4.708	4.042	4.448	71805	NUP93	NM_172410_8_+1
Gpc2	-0.080	-0.034	-0.003	-0.378	1.496	1.632	0.902	0.219	1.287	1.084	71951	GPC2	NM_172412_5_-1
Rap2c	4.910	5.009	5.035	4.857	4.455	4.436	4.982	4.870	5.759	6.156	72065	RAP2C	NM_172413_X_-1
Zc2hc1c	-1.642	-0.676	-0.905	-1.409	-2.281	-3.333	-1.242	-3.314	0.325	-2.102	72350	ZC2HC1C	NM_172414_12_+1
Arhgef10l	-2.421	-1.626	-3.934	-4.253	-4.405	-4.781	-2.343	-2.921	-0.063	-0.190	72754	ARHGEF10L	NM_172415_4_-1
Ostm1	6.871	7.273	5.633	5.615	5.664	5.759	6.011	6.086	7.244	7.386	14628	OSTM1	NM_172416_10_+1
Perm1	-1.542	-0.554	1.784	1.675	-0.613	0.578	-0.541	-0.032	-0.323	-0.235	74183	NA	NM_172417_4_+1
Mamstr	-2.123	-2.681	-1.660	-0.939	-0.250	0.074	-2.225	-3.862	-3.373	-3.853	74490	MAMSTR	NM_172418_7_+1
Ppp1r1c	-4.981	-4.981	-3.738	-4.944	-4.975	-4.975	-4.981	-4.981	-4.981	-4.981	75276	PPP1R1C	NM_172420_2_+1
Asxl2	1.956	3.115	4.173	3.692	2.651	2.897	3.225	2.781	3.689	3.858	75302	ASXL2	NM_172421_12_+1
Fastkd2	4.354	3.796	4.232	4.348	4.263	4.020	3.840	4.131	3.586	3.160	75619	FASTKD2	NM_172422_1_+1
Med13l	4.931	4.905	4.866	4.793	5.310	5.293	5.585	5.018	4.993	5.212	76199	MED13L	NM_172424_5_+1
Ccdc134	5.196	5.257	4.304	4.402	4.609	4.273	4.228	4.457	3.922	3.958	76457	CCDC134	NM_172428_15_+1
Smdnc1	5.779	5.389	5.760	5.320	5.928	5.480	5.672	4.922	5.100	4.454	76479	SMNDC1	NM_172429_19_-1
Celf3	-4.981	-4.981	-4.950	-4.950	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	78784	CELF3	NM_172434_3_+1
P2ry10	7.135	7.082	6.144	5.619	6.361	6.240	5.403	5.169	-0.145	0.107	78826	P2RY10	NM_172435_X_+1
Slc25a12	7.030	7.799	5.658	5.479	5.073	5.314	4.972	5.476	6.154	5.927	78830	SLC25A12	NM_172436_2_-1

	Pus7l	2.209	2.579	2.613	2.720	2.419	2.508	2.364	2.231	2.737	2.716	78895	PUS7L	NM_172437_15_-1
	Thoc5	4.635	4.589	4.986	5.205	4.862	5.000	4.545	4.761	4.649	4.651	107829	THOC5	NM_172438_11_+1
	Inpp5j	-4.981	-4.981	0.173	0.684	-0.358	0.298	-0.259	-0.861	2.562	0.952	170835	INPP5J	NM_172439_11_-1
	Dtx4	3.341	4.189	3.630	3.860	1.276	-0.197	2.183	2.924	3.064	4.118	207521	DTX4	NM_172442_19_-1
	Tbc1d16	2.552	2.278	0.877	1.220	4.054	4.978	3.033	2.412	0.592	0.419	207592	TBC1D16	NM_172443_11_-1
	Thsd4	-4.981	-4.981	-4.981	-4.981	-4.460	-4.792	-4.981	-4.981	-4.981	-4.981	207596	THSD4	NM_172444_9_-1
	Wdr37	4.284	4.073	4.450	4.335	4.147	4.240	4.560	4.570	4.679	5.301	207615	WDR37	NM_172445_13_-1
	Rnf43	-2.454	-3.408	-0.430	-1.528	3.230	2.203	2.121	0.279	-0.436	-4.227	207742	RNF43	NM_172448_11_+1
	Bzrap1	-1.271	-4.981	4.026	2.832	3.077	1.154	1.932	-0.941	0.343	-0.699	207777	TSPOAP1	NM_172449_11_+1
4930539E08Rik		-1.217	-1.972	-3.688	-2.694	-4.438	-3.343	-4.852	-2.817	-3.204	-2.795	207819	C6orf222	NM_172450_17_-1
	Galnt6	0.352	-0.007	-0.418	-0.123	1.822	1.283	2.979	1.833	2.319	2.028	207839	GALNT6	NM_172451_15_-1
	Pif1	-4.981	-0.543	0.202	0.524	0.966	0.351	1.239	0.392	-0.379	-1.466	208084	PIF1	NM_172453_9_+1
	Exog	2.681	3.126	2.719	2.440	2.352	2.655	2.800	2.614	2.277	2.371	208194	EXOG	NM_172456_9_+1
	Mob3a	7.239	6.983	8.031	8.132	8.429	8.331	7.806	7.662	8.369	8.175	208228	MOB3A	NM_172457_10_-1
	Zfp871	5.066	4.813	5.654	4.757	6.125	5.490	5.877	4.869	5.771	5.472	208292	NA	NM_172458_17_-1
	Nphp3	1.797	1.351	0.860	0.286	-0.023	-0.319	-0.429	-0.048	0.054	-0.960	74025	NPHP3	NM_172460_9_+1
	Zfp11	-0.075	0.232	0.834	0.591	1.294	1.198	0.954	-0.172	1.275	2.239	22648	ZNF546	NM_172462_5_-1
	Sned1	-0.212	-1.790	1.431	0.368	-1.623	-2.547	-2.860	-2.444	-0.716	-4.981	208777	SNED1	NM_172463_1_+1
	Daam1	1.594	0.614	1.388	0.862	1.353	0.398	0.790	0.421	0.358	-0.252	208846	DAAM1	NM_172464_12_+1
	Zdhc9	4.556	4.732	5.464	5.082	4.109	4.133	4.859	5.403	6.665	6.901	208884	ZDHHC9	NM_172465_X_-1
	Zc3hav1l	0.094	0.756	-1.366	-0.810	-1.034	-0.920	-1.515	-2.073	-1.009	-2.037	209032	ZC3HAV1L	NM_172467_6_-1
	Snx30	5.838	5.269	4.534	4.586	5.449	5.627	5.435	5.162	5.628	5.385	209131	SNX30	NM_172468_4_+1
	Clic6	-4.981	-4.981	-4.937	-4.726	-4.362	-4.815	-4.961	-4.971	-4.981	-4.981	209195	CLIC6	NM_172469_16_+1
	Wdr35	-1.726	-0.710	-3.364	-3.977	-4.179	-3.035	-2.888	-2.673	-2.671	-3.255	74682	WDR35	NM_172470_12_+1
	Itih5	-0.566	-4.981	-3.031	-4.914	-2.519	-1.313	-2.020	0.703	-0.302	-1.658	209378	ITIH5	NM_172471_2_+1
	Tfe3	2.234	2.353	3.520	3.570	3.758	3.628	3.196	3.742	5.090	4.833	209446	TFE3	NM_172472_X_+1
	Hace1	2.066	2.717	3.046	2.928	3.060	3.305	3.115	3.295	3.693	4.010	209462	HACE1	NM_172473_10_+1
	Tyw3	2.972	2.628	3.309	3.118	2.947	2.647	2.356	2.450	1.810	2.246	209584	TYW3	NM_172474_3_-1
	Frm�4a	3.805	3.138	1.715	2.369	1.305	1.480	1.137	0.578	-2.491	-4.716	209630	FRMD4A	NM_172475_2_+1
	Dennd2a	-1.627	-2.136	-0.212	1.051	-2.561	-0.845	-2.815	-0.317	3.129	3.368	209773	DENND2A	NM_172477_6_-1
	Tbc1d25	1.919	2.180	1.537	1.169	2.240	2.551	1.694	1.051	1.658	2.109	209815	TBC1D25	NM_172478_X_-1
	Slc38a5	-4.981	-0.891	-4.074	2.571	-0.830	2.765	0.486	3.263	-0.764	0.654	209837	SLC38A5	NM_172479_X_+1
	Mtrr	2.882	3.083	1.956	2.779	2.930	3.275	2.014	3.034	2.506	2.863	210009	MTRR	NM_172480_13_-1
	Zfp719	3.000	3.688	1.565	1.889	2.774	2.886	2.181	2.436	2.971	3.506	210105	NA	NM_172482_7_+1
	Zfp180	1.939	0.369	-1.728	-1.661	-0.656	-0.757	-1.105	-1.005	-3.623	-4.317	210135	ZNF180	NM_172483_7_+1
	Nckap5	-4.981	-4.981	-4.166	-4.945	-4.981	-4.981	-4.313	-4.738	-4.981	-4.981	210356	NCKAP5	NM_172484_1_-1
	Zfp677	3.810	3.782	2.511	3.061	2.945	3.386	2.863	3.192	2.920	3.896	210503	NA	NM_172486_17_+1
	Prrt3	-0.983	-0.040	-3.233	-4.001	-3.858	-4.260	-3.492	-4.341	-3.747	-3.863	210673	PRRT3	NM_172487_6_-1
	Lacc1	5.450	5.589	7.025	7.228	5.290	5.808	5.822	6.266	4.785	5.222	210808	LACC1	NM_172488_14_-1
	Sepsecs	1.991	2.427	4.230	3.038	2.311	2.348	2.664	2.258	2.554	2.705	211006	SEPSSECS	NM_172490_5_-1
D130040H23Rik		1.993	1.363	2.159	2.409	2.964	2.953	1.931	1.576	-0.083	0.617	211135	NA	NM_172491_8_+1
	Lrtm2	-4.057	-4.461	-4.949	-4.976	-3.421	-3.526	-4.833	-4.983	-4.691	-4.981	211187	LRTM2	NM_172492_6_-1
	Diaph2	3.616	3.729	4.749	4.550	4.783	4.612	5.103	4.833	6.043	6.328	54004	NA	NM_172493_X_+1
	Ncoa7	1.554	2.595	4.136	3.923	2.539	2.693	2.809	2.672	3.536	3.437	211329	NCOA7	NM_172495_10_-1
	Efhb	-2.573	-4.981	-4.978	-4.157	-4.778	-4.908	-4.426	-2.755	-1.474	-2.750	211482	EFHB	NM_172497_17_-1
	Ptk2b	6.131	6.568	5.680	6.153	6.811	7.426	7.308	7.839	8.264	8.416	19229	PTK2B	NM_172498_14_-1
	Mfsd9	0.812	0.464	-0.020	0.617	-0.026	1.201	1.011	0.952	2.688	2.541	211798	MFSD9	NM_172499_1_-1
	Syne3	-4.618	-2.137	-3.874	-2.951	-1.959	-3.487	-0.733	-2.096	-1.216	-3.505	212073	SYNE3	NM_172500_12_-1
	Nhlrc3	2.483	2.295	2.621	2.589	1.976	2.155	2.423	3.048	3.544	3.309	212114	NHLRC3	NM_172501_3_-1
	Dcaf15	3.837	3.897	3.085	3.492	3.781	3.908	3.543	3.690	3.556	3.703	212123	DCAF15	NM_172502_8_-1
	Zswim4	4.248	4.544	2.902	3.226	3.262	3.431	3.248	3.348	4.830	4.314	212168	ZSWIM4	NM_172503_8_-1
A730008H23Rik		-2.764	-0.567	-0.009	0.330	0.866	-0.210	0.253	-0.303	2.822	1.735	212427	NA	NM_172505_1_-1
	Boc	-4.981	-4.981	-4.251	-4.953	-3.068	-4.052	-3.210	-2.946	-4.981	-0.031	117606	BOC	NM_172506_16_-1
	Sh3bgrl2	0.228	-1.520	-0.288	-1.454	0.237	-1.499	0.601	-0.582	0.760	1.305	212531	SH3BGR2	NM_172507_9_+1
	Dse	4.662	4.508	4.968	4.542	3.759	2.689	4.690	5.555	6.465	7.071	212898	DSE	NM_172508_10_-1
	Kctd7	-0.499	-0.773	1.941	2.186	1.231	1.332	0.154	1.387	2.684	2.602	212919	KCTD7	NM_172509_5_+1
	Mfsd4a	-2.165	-2.442	0.048	-0.073	0.298	-0.622	-0.027	0.222	1.431	2.123	213006	MFSD4A	NM_172510_1_-1
	Abhd10	4.517	4.050	3.477	3.383	3.641	3.330	3.906	3.283	2.493	3.292	213012	ABHD10	NM_172511_16_-1
	Gabpb2	3.228	3.701	3.497	2.906	4.007	3.253	3.823	2.901	4.432	3.557	213054	GABPB2	NM_172512_3_-1
	Fam126b	3.469	3.720	3.455	3.158	3.825	3.447	4.097	3.517	3.817	4.251	213056	FAM126B	NM_172513_1_-1
	Tmem71	3.953	4.030	1.960	1.254	2.848	2.816	4.535	4.417	6.828	6.619	213068	TMEM71	NM_172514_15_-1
	DstyK	2.682	1.843	3.368	2.901	4.344	4.326	4.965	3.930	5.910	5.588	213452	DSTYK	NM_172516_1_+1
	Rbbp5	4.301	4.509	4.876	4.908	5.013	5.116	4.895	4.841	5.377	5.335	213464	RBBP5	NM_172517_1_+1
	Fbxo42	4.976	5.255	4.655	4.686	5.240	5.184	5.080	4.611	5.373	4.991	213499	FBXO42	NM_172518_4_+1
	Dis3l	1.022	1.606	-0.739	-0.903	-2.599	-1.865	0.240	-1.924	0.408	1.631	213550	DIS3L	NM_172519_9_-1
	Nutm1	-4.981	-4.981	-4.777	-4.352	-4.853	-4.977	-4.968	-4.980	-4.981	-4.981	213765	NUTM1	NM_172521_2_-1
	Megf11	-2.151	-3.267	-2.104	-3.325	-3.225	-3.935	-3.051	-3.501	-4.394	-3.481	214058	MEGF11	NM_172522_9_+1
	Slc18a2	2.292	1.192	0.802	1.161	0.880	0.896	2.876	1.237	2.137	2.491	214084	SLC18A2	NM_172523_19_+1
	Arhgap29	2.486	3.559	-1.633	-0.502	-1.045	-0.900	0.136	-1.173	1.752	1.415	214137	ARHGAP29	NM_172525_3_+1
	Nudt15	1.788	2.192	3.634	4.323	2.739	2.929	2.642	2.796	2.325	2.639	214254	NUDT15	NM_172527_14_-1
	Lrrc1	1.539	1.548	1.172	0.419	-0.888	0.558	-3.407	-1.109	-1.771	-0.434	214345	LRRC1	NM_172528_9_-1
	Gnptg	6.147	6.049	4.579	4.551	4.857	4.673	4.556	4.661	4.481	4.235	214505	GNPTG	NM_172529_17_-1
	She	-1.340	-1.244	-2.615	-2.491	-1.662	-1.370	-0.891	-2.012	1.027	-0.700	214547	SHE	NM_172530_3_+1
	Aldh5a1	-0.246	0.847	-0.431	0.838	-1.248	1.183	-1.907	0.969	-0.178	1.006	214579	ALDH5A1	NM_172532_13_-1

Zfp609	1.635	1.432	2.015	1.847	2.605	2.311	2.378	1.964	2.738	2.522	214812	ZNF609	NM_172536_9_-1
Sema6d	-0.534	-4.773	-0.549	-0.164	-1.252	-2.446	-2.168	-0.852	-4.361	-4.820	214968	SEMA6D	NM_172537_2_+1
Vezt	1.050	-0.120	0.822	-0.147	0.856	0.601	0.543	0.734	0.121	0.457	215008	VEZT	NM_172538_10_-1
Astl	-4.981	-4.981	-4.737	-3.010	-4.308	-4.583	-4.978	-4.960	-4.394	-3.882	215095	ASTL	NM_172539_2_+1
Trmt2b	4.752	4.832	4.242	4.020	4.177	4.271	3.978	3.794	3.920	3.669	215201	TRMT2B	NM_172540_X_-1
Tmem120a	4.793	4.920	4.407	5.024	4.310	4.553	4.319	4.564	4.284	4.391	215210	TMEM120A	NM_172541_5_-1
Fam117a	6.208	5.986	4.349	4.377	3.806	3.980	4.432	4.587	4.835	4.657	215512	FAM117A	NM_172543_11_+1
Ehmt1	2.343	-0.395	2.885	3.868	2.541	2.927	2.598	3.530	4.828	5.021	77683	EHMT1	NM_172545_2_-1
Cnksr3	0.862	2.054	1.133	1.563	0.926	1.216	2.058	2.597	3.639	3.665	215748	CNKS3	NM_172546_10_-1
Cabin1	4.694	4.210	5.413	5.179	6.055	5.830	5.773	5.855	6.835	6.812	104248	CABIN1	NM_172549_10_-1
Ybey	1.495	1.924	2.039	2.185	2.129	2.066	1.770	1.455	2.184	1.798	216119	YBEY	NM_172550_10_-1
Polrmt	2.955	3.138	3.065	3.024	3.687	3.286	3.610	3.200	4.088	3.840	216151	POLRMT	NM_172551_10_-1
Tdg	3.381	2.860	3.722	3.549	3.450	3.076	3.262	3.009	3.899	3.693	21665	TDG	NM_172552_10_+1
Zdhhc17	4.226	4.191	4.026	3.976	4.351	4.202	3.984	3.965	4.035	4.368	320150	ZDHH17	NM_172554_10_-1
Papolg	3.632	3.858	4.208	4.118	5.086	4.872	4.893	4.341	4.730	5.121	216578	PAPOLG	NM_172555_11_-1
Rufy1	6.084	6.233	5.414	5.442	5.517	5.460	5.477	5.560	5.456	5.647	216724	RUFY1	NM_172557_11_-1
Gemin5	2.002	2.775	2.111	1.626	1.738	1.288	1.478	1.582	0.709	1.690	216766	GEMIN5	NM_172558_11_-1
Cntrob	2.878	2.864	2.812	2.852	3.207	3.459	2.613	2.454	2.074	1.857	216846	CNTROB	NM_172560_11_-1
Spag7	7.080	7.214	6.584	6.551	6.652	6.564	6.423	6.388	5.442	5.324	216873	SPAG7	NM_172561_11_-1
Tada2a	2.812	3.444	2.366	2.840	2.885	3.122	2.598	2.735	2.068	2.247	217031	TADA2A	NM_172562_11_-1
Hlf	-4.981	-1.212	-4.747	-4.133	-4.938	-4.876	-4.692	-4.868	-1.084	-4.981	217082	HLF	NM_172563_11_-1
Tns4	-0.728	-4.981	0.273	1.319	0.043	-1.345	3.248	3.963	5.129	5.140	217169	TNS4	NM_172564_11_-1
Klhl11	0.927	1.020	1.126	0.885	1.688	1.016	0.851	0.586	1.237	1.797	217194	KLHL11	NM_172565_11_-1
Rundc1	3.649	4.106	4.338	4.270	3.790	3.721	3.846	3.779	4.058	3.974	217201	RUND1	NM_172566_11_+1
Mettl2	3.684	3.686	4.018	4.160	4.019	4.132	3.960	3.961	3.457	3.467	52686	METTL2A	NM_172567_11_+1
Unk	4.007	3.953	2.399	3.651	3.645	3.378	3.258	2.859	3.702	3.906	217331	UNK	NM_172569_11_+1
Trim47	-1.205	-2.912	-0.890	-1.773	-0.918	-1.914	-0.091	0.260	0.425	0.979	217333	TRIM47	NM_172570_11_-1
Fbf1	1.991	2.186	2.892	3.061	2.569	2.805	3.055	2.549	2.883	2.906	217335	FBF1	NM_172571_11_-1
Rhbdf2	0.438	0.614	-2.365	-4.705	-4.728	-4.878	-4.212	-2.837	-1.399	-0.698	217344	RHBDF2	NM_172572_11_-1
Engase	2.047	1.719	3.168	3.121	1.865	1.520	2.698	2.857	3.308	3.169	217364	ENGASE	NM_172573_11_+1
Pqlc3	8.284	8.145	6.050	5.483	6.113	5.805	6.308	5.725	7.477	6.554	217430	PQLC3	NM_172574_12_-1
Zfp277	0.908	1.809	0.612	1.421	2.204	1.710	0.883	1.027	1.048	2.062	246196	ZNF277	NM_172575_12_-1
Slc25a21	-4.981	-1.185	-3.950	0.377	-2.114	0.398	-2.981	0.684	-4.978	-1.341	217593	SLC25A21	NM_172577_12_-1
Mis18bp1	-0.336	0.328	3.051	2.940	3.872	3.255	3.605	3.039	1.261	1.693	217653	MIS18BP1	NM_172578_12_-1
Sipa111	3.008	3.058	4.316	4.005	4.273	4.059	3.177	3.568	3.035	2.683	217692	SIP111	NM_172579_12_+1
Acot6	-1.902	-1.415	-0.278	-0.685	-1.858	-1.844	-3.343	-1.938	-4.981	-4.981	217700	NA	NM_172580_12_+1
Fam161b	-0.276	-0.045	-1.195	-1.360	-0.549	-1.845	-2.435	-3.123	-1.715	-1.251	217705	FAM161B	NM_172581_12_-1
Coq6	4.587	4.705	3.733	3.989	3.699	3.753	3.555	3.753	3.306	3.081	217707	COQ6	NM_172582_12_+1
Itpk1	3.915	4.439	4.532	4.761	4.507	4.615	4.835	4.930	5.315	5.047	217837	ITPK1	NM_172584_12_-1
Larp4b	4.785	4.962	6.071	5.902	5.902	5.787	5.816	5.699	6.295	6.521	217980	LARP4B	NM_172585_13_+1
Zfp322a	2.562	3.796	3.482	3.971	2.770	3.183	2.879	3.336	2.793	4.142	218100	ZNF322	NM_172586_13_-1
Cdc14b	-3.937	1.666	1.266	1.910	0.674	2.471	-1.219	1.326	1.129	0.989	218294	CDC14B	NM_172587_13_-1
Serinc5	6.286	6.325	2.803	3.315	3.617	3.713	3.487	4.120	5.333	5.552	218442	SERINC5	NM_172588_13_+1
Lhfp12	-2.013	-2.060	-1.794	-1.978	-3.588	-2.926	-4.469	-1.516	-0.901	-1.933	218454	LHFPL2	NM_172589_13_+1
Wdr41	3.463	3.745	5.356	5.542	5.347	5.672	4.945	5.473	5.735	5.969	218460	WDR41	NM_172590_13_+1
Fcho2	4.819	4.992	5.451	5.385	5.865	5.998	6.508	6.286	7.346	7.583	218503	FCHO2	NM_172591_13_-1
Srek1	5.240	5.297	5.917	5.731	5.457	5.463	5.263	5.243	4.781	4.920	218543	SREK1	NM_172592_13_-1
Mier3	4.842	4.270	4.566	4.418	4.673	4.402	4.404	4.242	4.262	4.571	218613	MIER3	NM_172593_13_+1
Dhx29	3.602	3.464	4.000	4.269	4.242	4.217	4.042	3.853	3.888	4.150	218629	DHX29	NM_172594_13_+1
Arl15	2.053	2.058	2.398	2.161	1.819	2.072	2.385	2.549	3.839	3.879	218639	ARL15	NM_172595_13_+1
Sec24c	6.074	5.896	6.539	6.469	6.409	6.312	6.362	6.464	7.449	7.406	218811	SEC24C	NM_172596_14_+1
Txndc16	4.694	4.708	5.686	5.842	4.083	4.157	4.470	4.608	5.022	5.252	70561	TXNDC16	NM_172597_14_-1
Wdhd1	1.619	1.181	3.382	3.257	3.902	3.286	3.521	3.335	2.878	2.102	218973	WDHD1	NM_172598_14_-1
Atg14	3.980	3.662	3.667	3.665	4.377	3.887	4.308	3.865	4.148	4.302	100504663	ATG14	NM_172599_14_-1
Tmem260	4.170	4.233	4.392	4.767	4.063	3.848	4.020	3.695	4.362	4.760	218989	TMEM260	NM_172600_14_+1
Rab2b	4.167	4.576	3.587	3.942	3.672	4.084	3.460	3.694	3.225	3.551	76338	RAB2B	NM_172601_14_-1
Phf11a	4.466	3.920	7.614	7.123	6.442	5.637	6.651	5.445	4.476	2.926	219131	PHF11	NM_172603_14_-1
Scara3	-4.981	-4.981	-4.490	-4.942	-4.451	-4.900	-4.966	-2.731	-4.981	-4.981	219151	SCARA3	NM_172604_14_-1
Tdrd3	3.647	4.264	3.567	3.882	3.101	3.699	3.058	3.695	3.597	4.241	219249	TDRD3	NM_172605_14_+1
March6	4.874	4.811	4.578	4.514	5.151	5.219	4.946	4.853	4.644	4.585	223455	MARCH6	NM_172606_15_-1
Naprt	0.002	-0.250	2.463	3.461	2.111	2.415	2.719	3.102	1.832	3.101	223646	NAPRT	NM_172607_15_-1
Tmem184b	4.730	4.194	4.969	4.837	5.189	5.807	4.637	4.822	6.723	6.368	223693	TMEM184B	NM_172608_15_-1
Tomm22	7.627	7.339	7.441	7.218	7.509	7.260	7.270	7.006	6.932	6.514	223696	TOMM22	NM_172609_15_+1
Gramd4	3.817	3.095	3.774	3.515	3.872	3.448	4.739	4.296	6.616	5.867	223752	GRAMD4	NM_172611_15_+1
Rnd1	-0.689	-0.534	2.978	3.293	2.501	2.852	1.771	2.148	1.382	2.062	223881	RND1	NM_172612_15_-1
Atp13a4	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-3.659	-4.955	-4.981	-0.438	224079	ATP13A4	NM_172613_16_-1
Tmem44	-3.090	-1.644	-4.742	-3.758	-1.827	-1.876	-2.938	-1.875	-3.043	-4.981	224090	TMEM44	NM_172614_16_-1
Rubcn	4.717	4.115	3.709	3.699	4.482	4.249	3.846	3.664	3.986	3.648	100502698	RUBCN	NM_172615_16_-1
C330027C09Rik	1.502	1.186	3.180	3.501	3.199	2.697	2.462	2.041	1.470	0.964	224171	KIAA1524	NM_172616_16_+1
Zfp523	3.886	3.682	2.481	2.141	2.461	2.724	2.230	2.445	2.063	1.486	224656	ZNF76	NM_172617_17_+1
Btdb9	0.456	-1.525	3.320	-3.877	2.937	-3.192	1.880	-4.711	1.566	-4.232	224671	BTBD9	NM_172618_17_-1
Adamts10	0.885	-0.145	1.612	0.191	1.738	0.263	1.913	3.062	3.843	4.174	224697	ADAMTS10	NM_172619_17_+1
Vps52	5.370	5.244	5.630	5.696	6.023	5.984	5.700	5.822	6.356	6.093	224705	VPS52	NM_172620_17_+1
Clic5	-1.562	-0.302	-3.397	-1.863	-2.156	-3.354	-2.661	-1.248	-0.727	-0.174	224796	CLIC5	NM_172621_17_+1

Trerf1	1.466	0.261	3.933	3.285	3.259	2.338	2.680	2.417	2.539	2.716	224829	TRERF1	NM_172622_17_+1
Trem14	3.863	1.895	7.940	8.198	5.497	5.521	7.236	7.932	6.958	8.007	224840	NA	NM_172623_17_+1
Dpp9	4.240	4.057	4.981	4.995	4.798	4.744	4.730	4.797	5.545	5.473	224897	DPP9	NM_172624_17_-1
Ino80c	5.451	5.551	5.496	5.634	5.734	5.842	5.481	5.371	5.888	5.639	225280	INO80C	NM_172625_18_-1
Rbm27	5.133	5.152	5.550	5.353	5.684	5.703	5.695	5.275	4.720	5.041	225432	RBM27	NM_172626_18_+1
Pggt1b	3.533	3.477	4.170	4.251	3.878	3.867	4.114	4.059	4.053	4.411	225467	PGGT1B	NM_172627_18_-1
Sh3tc2	-4.981	-3.267	-4.594	0.046	-4.458	-0.898	-2.777	0.069	-1.538	-1.360	225608	SH3TC2	NM_172628_18_+1
Mppe1	4.701	4.596	5.445	5.400	4.773	5.029	4.843	5.125	5.360	5.136	225651	MPPE1	NM_172630_18_-1
Ldlrad4	5.949	4.253	2.806	2.967	1.264	1.197	2.620	2.570	2.511	2.594	52662	LDLRAD4	NM_172631_18_+1
Mapk4	-1.268	1.147	-4.952	-2.900	-4.973	-4.745	-4.978	-4.510	-1.883	-2.116	225724	MAPK4	NM_172632_18_-1
Pat1	3.739	4.200	3.886	4.081	3.924	3.663	3.763	4.003	4.655	4.970	225929	PATL1	NM_172635_19_+1
Hectd2	-2.967	-4.981	-1.077	-1.963	1.490	0.501	0.684	-0.980	-1.122	-3.099	226098	HECTD2	NM_172637_19_+1
Dpcd	4.575	3.358	4.818	4.236	4.273	3.973	4.421	4.089	3.913	3.687	226162	DPD	NM_172639_19_+1
Plekhs1	-4.981	-4.981	-3.744	-3.101	-1.409	-0.181	-1.811	-2.722	-4.981	-4.342	226245	PLEKHS1	NM_172641_19_+1
Zbtb41	2.534	2.599	3.067	2.744	3.374	2.791	2.992	2.822	3.007	3.377	226470	ZBTB41	NM_172643_1_+1
Dars2	3.461	3.139	3.773	4.108	3.482	3.827	3.321	3.499	3.103	3.709	226539	DARS2	NM_172644_1_-1
Suco	5.028	4.832	5.360	5.307	5.983	6.025	5.381	5.024	4.553	4.688	226551	SUCO	NM_172645_1_-1
Dnm3	-2.015	-4.981	-3.694	-4.590	-2.593	-4.138	-1.132	-0.124	-3.373	-3.210	103967	DNM3	NM_172646_1_-1
F11r	0.248	1.513	1.994	2.556	3.406	4.351	4.466	3.339	3.219	1.168	16456	F11R	NM_172647_1_+1
Ifi205	2.813	0.378	9.871	9.906	1.176	5.670	4.800	8.012	6.194	6.869	226695	IFI16	NM_172648_1_-1
Kctd3	2.955	2.699	2.913	2.628	2.889	2.635	2.831	2.799	3.747	3.300	226823	KCTD3	NM_172650_1_-1
Kansl3	3.632	3.699	4.681	4.568	4.878	4.492	4.855	4.583	5.387	5.347	226976	KANSL3	NM_172652_1_-1
Slc39a10	3.438	4.140	3.873	4.337	3.905	3.593	4.087	4.490	4.603	5.509	227059	SLC39A10	NM_172653_1_-1
Hecw2	-4.108	-4.981	-2.354	-1.683	-2.527	-2.166	-3.409	-4.771	-4.981	-4.981	329152	HECW2	NM_172655_1_-1
Stradb	4.531	4.721	4.379	4.456	3.671	4.375	3.491	4.278	3.732	4.468	227154	STRADB	NM_172656_1_+1
Slco4c1	-4.981	-4.981	-4.978	-3.850	-4.959	-3.425	-3.809	-2.629	0.479	-4.981	227394	SLCO4C1	NM_172658_1_-1
Slc2a6	6.492	4.952	3.840	4.435	4.895	4.392	5.587	4.787	7.377	6.529	227659	SLC2A6	NM_172659_2_-1
Sput1	5.120	5.409	4.373	4.805	4.695	4.794	4.581	4.744	4.295	3.889	227695	SPOUT1	NM_172660_2_-1
Prrc2b	4.549	4.540	4.332	4.221	4.540	4.228	4.207	3.765	3.714	2.764	227723	PRRC2B	NM_172661_2_+1
Gtdc1	0.241	1.406	1.876	1.578	1.796	2.170	1.617	2.152	1.654	1.783	227835	GTDC1	NM_172662_2_-1
Epc2	3.829	4.241	2.856	2.949	3.516	3.471	3.396	3.378	3.682	3.553	227867	EPC2	NM_172663_2_+1
Tlk1	4.667	4.682	4.872	4.901	4.607	5.003	4.937	5.111	5.363	5.687	228012	TLK1	NM_172664_2_-1
Pdk1	3.719	1.846	4.678	3.681	3.951	3.048	4.153	3.351	4.040	3.142	228026	PDK1	NM_172665_2_+1
Agps	5.135	5.383	5.274	5.368	5.936	5.575	5.979	5.836	6.639	7.003	228061	AGPS	NM_172666_2_+1
Cwc22	0.625	2.229	2.158	2.445	1.582	1.287	0.955	1.424	1.935	1.634	80744	CWC22	NM_172667_2_-1
Lrp4	-0.283	-0.964	-0.675	-4.604	0.009	-3.288	-0.066	-2.155	-0.551	-1.180	228357	LRP4	NM_172668_2_+1
Ambra1	0.624	0.378	1.093	0.288	2.169	1.273	0.513	-0.174	2.915	3.129	228361	AMBRA1	NM_172669_2_+1
Large2	0.371	-1.088	-2.645	-2.960	-0.483	-0.364	-3.218	-4.400	-4.803	-4.981	228366	LARGE2	NM_172670_2_-1
Lgr4	-1.334	-1.471	-1.108	-0.759	-3.117	-1.557	-2.262	0.006	0.223	1.401	107515	LGR4	NM_172671_2_+1
Ganc	4.013	2.968	4.723	5.295	4.929	4.485	4.705	4.470	4.536	4.431	76051	GANC	NM_172672_2_+1
FrmD5	-1.807	0.135	1.790	2.766	4.652	4.054	2.196	2.297	-4.981	-0.995	228564	FRMD5	NM_172673_2_-1
Phf20	5.474	6.057	4.757	5.619	5.254	6.088	5.102	5.608	4.790	5.314	228829	PHF20	NM_172674_2_+1
Stx16	3.501	4.711	4.742	5.239	4.995	5.230	4.182	4.546	3.578	4.417	228960	STX16	NM_172675_2_+1
Samd10	3.315	3.139	4.172	4.258	3.284	3.354	3.412	3.349	3.445	2.965	229011	SAMD10	NM_172676_2_-1
Ythdf3	4.473	4.781	4.775	4.552	4.865	4.899	5.520	5.533	6.763	6.723	229096	YTHDF3	NM_172677_3_+1
Acad9	4.805	4.769	5.155	5.500	5.135	5.179	4.920	4.975	4.538	4.887	229211	ACAD9	NM_172678_3_+1
4932438A13Rik	5.267	5.177	5.657	5.132	6.137	5.816	5.840	5.608	5.502	5.986	229227	KIAA1109	NM_172679_3_+1
D930015E06Rik	5.191	5.213	7.252	7.240	9.216	9.170	8.040	7.350	6.452	6.551	229473	KIAA0922	NM_172681_3_-1
Fam160a1	-4.981	-3.315	-1.445	-1.472	-3.664	-1.465	-4.670	-3.450	-4.981	-4.981	229488	FAM160A1	NM_172682_3_-1
Pogz	3.379	2.645	3.562	2.968	3.089	3.109	3.566	3.236	3.446	3.454	229584	POGZ	NM_172683_3_+1
Rsb1	5.318	5.595	5.175	4.912	5.745	5.904	5.577	5.385	4.827	5.059	229675	RSB1	NM_172684_3_+1
Slc25a24	4.183	4.186	4.714	4.412	1.524	1.499	3.503	4.064	5.490	5.811	229731	SLC25A24	NM_172685_3_+1
Coq3	4.191	4.020	3.692	3.782	4.092	4.086	3.656	3.523	2.950	3.347	230027	COQ3	NM_172687_4_+1
Map3k7	4.566	3.567	4.944	4.047	4.933	4.719	4.722	4.392	5.791	5.467	26409	NA	NM_172688_4_+1
Ddx58	1.017	0.955	1.240	0.707	5.826	5.150	5.532	4.987	6.161	5.740	230073	DDX58	NM_172689_4_-1
Phf24	-3.563	-0.888	-0.024	-0.497	-0.587	-1.050	-1.248	-3.937	-3.750	-4.981	230085	PHF24	NM_172690_4_+1
Fam214b	1.663	1.179	2.294	1.446	1.015	1.641	2.285	2.370	4.068	3.892	230088	FAM214B	NM_172691_4_-1
Gba2	5.606	4.922	4.922	4.961	6.189	6.118	5.850	5.526	6.053	5.937	230101	GBA2	NM_172692_4_-1
Galnt12	5.751	6.168	5.116	5.612	5.507	5.846	4.396	4.216	0.945	2.133	230145	GALNT12	NM_172693_4_+1
Megf9	0.800	0.420	0.291	0.184	0.559	0.733	1.916	2.208	4.915	4.795	230316	MEGF9	NM_172694_4_-1
Plaa	5.578	5.491	5.897	6.026	5.743	5.631	5.779	5.734	5.856	6.064	18786	PLAA	NM_172695_4_-1
Patj	-0.086	-1.510	1.578	2.699	2.413	2.791	0.172	1.121	-1.928	-0.891	12695	PATJ	NM_172696_4_+1
Prpf38a	5.744	5.815	5.644	5.798	5.340	5.401	5.067	5.305	4.494	4.688	230596	PRPF38A	NM_172697_4_-1
Efcab14	4.761	5.041	5.602	5.674	5.889	6.032	5.345	5.038	4.560	4.648	230648	EFCA14	NM_172698_4_+1
Foxj3	4.314	3.403	4.126	3.652	4.162	3.902	4.278	3.918	3.740	3.901	230700	FOXJ3	NM_172699_4_+1
Zmpste24	5.532	5.794	5.483	5.719	5.159	5.292	4.845	5.495	5.458	5.384	230709	ZMPSTE24	NM_172700_4_-1
Oscp1	-0.336	-0.020	-1.239	-1.738	1.047	-0.243	-0.707	-1.924	-0.983	-4.316	230751	OSCP1	NM_172701_4_+1
Serinc2	-4.981	-4.981	-3.532	-2.737	-4.909	-4.165	-2.955	-2.064	-4.981	-4.981	230779	SERINC2	NM_172702_4_-1
Eif4g3	4.259	4.045	4.716	4.648	4.636	4.239	4.717	4.054	5.594	5.573	230861	EIF4G3	NM_172703_4_+1
Dnajc11	5.094	5.043	5.061	5.329	5.281	5.219	5.110	5.158	5.611	5.176	230935	DNAJC11	NM_172704_4_+1
Phf13	2.026	1.727	2.583	2.453	2.229	2.162	2.504	2.309	3.037	3.287	230936	PHF13	NM_172705_4_-1
9330182L06Rik	-0.685	-0.543	-4.952	-2.500	-4.944	-4.356	-4.410	-0.870	-1.165	0.662	231014	KIAA1324L	NM_172706_5_+1
Ppp1cb	6.026	6.198	6.836	6.951	6.560	6.482	7.120	7.034	7.564	8.078	19046	PPP1CB	NM_172707_5_+1
Sel1l3	-4.981	-4.981	-3.524	-3.439	2.476	3.296	-0.573	-1.162	-2.450	-4.981	231238	SEL1L3	NM_172710_5_-1

Guf1	4.198	4.443	4.359	4.506	4.429	4.467	4.016	4.256	3.798	3.883	231279	GUF1	NM_172711_5_+1
Uba6	2.868	3.372	4.712	4.622	4.320	4.018	3.925	4.168	3.745	4.457	231380	UBA6	NM_172712_5_-1
Sdad1	4.529	3.849	7.423	7.354	5.076	4.623	5.419	5.892	5.896	5.636	231452	SDAD1	NM_172713_5_-1
Lin54	-3.014	1.125	2.932	2.751	2.614	1.883	3.023	2.295	2.723	3.346	231506	LIN54	NM_172714_5_-1
Agpat3	3.073	1.977	-0.501	-0.255	-1.538	-0.281	-1.120	0.886	0.458	1.019	231510	GPAT3	NM_172715_5_+1
Pcgf3	2.620	2.751	2.945	3.182	2.864	2.816	2.937	3.016	3.981	4.068	69587	PCGF3	NM_172716_5_+1
Chfr	2.266	2.299	1.915	1.627	1.770	-1.243	2.729	1.779	3.496	2.505	231600	CHFR	NM_172717_5_+1
Gcn111	3.646	3.945	4.651	4.741	4.906	4.916	4.611	4.993	5.080	5.216	231659	GCN1	NM_172719_5_+1
Fbxw8	3.183	3.210	3.739	3.881	3.837	3.788	3.322	3.641	4.637	4.337	231672	FBXW8	NM_172721_5_-1
Naa25	3.885	3.945	5.297	5.238	4.363	4.208	4.560	4.569	5.101	4.810	231713	NAA25	NM_172722_5_+1
Adap1	2.249	1.076	5.039	5.125	7.485	7.219	7.468	7.142	7.884	7.864	231821	ADAP1	NM_172723_5_-1
Ap5z1	3.756	3.925	4.520	4.344	4.573	4.755	4.580	4.489	5.120	4.851	231855	AP5Z1	NM_172725_5_+1
E130309D02Rik	4.116	3.737	4.831	4.980	4.420	4.198	4.045	4.334	4.804	4.417	231868	C7orf26	NM_172726_5_-1
Fam221a	0.672	-2.479	-1.766	-3.568	-0.594	-4.924	-0.863	-4.868	-1.533	-4.737	231946	FAM221A	NM_172727_6_+1
Creb5	-4.981	-4.981	-4.722	-3.290	-3.235	-4.796	-0.830	-1.165	-0.884	-0.617	231991	CREB5	NM_172728_6_+1
Nod1	0.239	-0.772	3.369	1.379	5.944	4.969	5.348	4.208	6.116	5.143	107607	NOD1	NM_172729_6_-1
Ccdc174	5.016	5.075	4.375	4.292	4.725	4.685	4.624	4.196	4.244	3.984	232236	CCDC174	NM_172730_6_+1
Fgd5	-2.948	-4.981	-4.983	-1.878	-2.201	-0.291	-1.771	-3.044	-4.394	-4.981	232237	FGD5	NM_172731_6_+1
Clec9a	4.735	4.708	5.840	6.504	-0.475	-1.511	1.917	2.807	-2.512	-0.879	232414	CLEC9A	NM_172732_6_+1
Dera	5.606	5.561	5.319	5.467	5.607	5.671	5.262	5.399	5.267	5.230	232449	DERA	NM_172733_6_+1
Stk38l	5.289	5.491	3.531	2.937	3.971	3.541	3.883	2.597	2.964	1.214	232533	STK38L	NM_172734_6_+1
Zc3hc1	4.626	4.563	4.153	4.425	4.165	4.166	4.237	4.341	4.420	4.031	232679	ZC3HC1	NM_172735_6_-1
Leng8	4.670	4.600	5.962	5.762	6.505	6.513	6.478	6.269	7.520	7.470	232798	LENG8	NM_172736_7_+1
Shisa7	-2.091	-2.210	-4.861	-4.925	-4.981	-4.981	-4.957	-4.704	-4.981	-4.981	232813	SHISA7	NM_172737_7_-1
Zfp954	4.040	4.251	3.642	3.954	3.593	3.721	3.739	3.871	4.032	4.167	232853	NA	NM_172738_7_-1
Arhgap35	2.425	2.097	2.792	2.517	3.324	3.283	2.341	1.588	1.820	1.989	232906	ARHGAP35	NM_172739_7_-1
Zfp420	2.443	2.426	0.441	-0.063	1.264	1.583	-0.039	1.347	0.821	1.259	233058	ZNF420	NM_172740_7_+1
4931406P16Rik	3.772	3.880	4.165	4.105	3.883	3.887	3.589	3.806	4.440	4.680	233103	KIAA0355	NM_172741_7_-1
Mtmr10	2.395	1.888	3.676	3.456	1.814	2.105	3.282	3.480	5.443	5.489	233315	MTMR10	NM_172742_7_+1
Plekha7	0.451	1.375	-2.076	-1.969	-1.668	-1.788	-4.523	-3.501	-4.981	-4.906	233765	PLEKHA7	NM_172743_7_-1
Tufm	6.151	6.140	5.876	6.173	5.786	5.826	5.773	5.908	5.466	5.447	233870	TUFM	NM_172745_7_+1
Hirip3	1.110	1.843	2.505	2.311	3.021	2.824	2.540	2.104	0.662	1.450	233876	HIRIP3	NM_172746_7_+1
Kctd13	5.206	5.244	4.672	4.722	5.186	5.164	4.673	4.584	4.489	4.232	233877	KCTD13	NM_172747_7_+1
Fbxl19	0.901	1.044	0.640	0.368	0.791	0.885	0.552	0.517	-0.236	0.364	233902	FBXL19	NM_172748_7_+1
Zfp646	3.564	3.628	3.680	3.610	4.065	3.860	3.724	3.969	4.811	5.044	233905	ZNF646	NM_172749_7_+1
Arhgef10	-0.284	-0.397	-0.771	-2.635	-3.286	-2.304	-2.314	-0.973	-2.904	-2.442	234094	ARHGEF10	NM_172751_8_+1
Sorbs2	-4.981	-4.981	-4.930	-2.430	-4.683	-2.629	-3.593	-3.288	-4.981	-2.118	234214	SORBS2	NM_172752_8_+1
Csgalnact1	-4.981	-4.981	-2.143	-0.765	-3.232	-3.411	-2.334	-2.514	-4.394	-4.981	234356	CSGALNACT1	NM_172753_8_-1
Zfp868	4.016	4.326	3.929	3.706	3.979	3.982	3.804	4.049	3.627	4.170	234362	NA	NM_172754_8_-1
Sugp2	3.253	3.044	3.594	3.598	3.936	3.699	3.399	3.534	3.416	3.443	234373	SUGP2	NM_172755_8_+1
Ankle1	-1.529	-0.366	0.685	0.776	2.687	2.206	2.083	1.445	-0.083	-0.037	234396	ANKLE1	NM_172756_8_+1
Heatr3	3.590	3.698	4.081	3.993	3.882	4.143	3.933	3.632	4.001	4.151	234549	HEATR3	NM_172757_8_+1
Slc38a7	2.704	2.807	2.573	2.844	2.539	2.461	2.775	3.004	4.085	3.974	234595	SLC38A7	NM_172758_8_-1
Elmo3	-0.018	-0.141	0.210	1.763	0.116	0.906	-1.034	-0.608	-1.304	-1.302	234683	ELMO3	NM_172760_8_+1
Mthf5d	2.230	2.323	2.257	1.745	2.237	2.597	2.033	2.538	2.300	2.083	234814	MTHF5D	NM_172761_8_-1
Rbm34	5.441	5.564	5.009	4.979	4.923	4.988	4.966	4.681	4.186	4.106	52202	RBM34	NM_172762_8_-1
Zfp809	2.753	1.718	2.493	0.749	2.930	0.965	2.254	0.984	2.561	1.673	235047	NA	NM_172763_9_+1
Zbtb44	1.782	0.352	1.601	1.534	0.627	1.649	-0.049	-0.157	2.470	2.477	235132	ZBTB44	NM_172765_9_+1
Nfrkb	4.077	4.013	4.298	3.962	4.623	4.520	4.209	4.093	4.313	4.325	235134	NFRKB	NM_172766_9_+1
Vwa5a	4.585	4.762	6.158	6.095	5.095	5.414	5.601	6.081	7.041	7.920	67776	VWA5A	NM_172767_9_+1
Gramd1b	3.864	3.456	3.085	3.162	3.216	3.799	2.804	2.804	2.367	2.405	235283	GRAMD1B	NM_172768_9_-1
Sc5d	7.014	6.274	5.665	3.747	4.856	3.779	4.768	4.014	5.107	3.907	235293	SC5D	NM_172769_9_-1
Ttc12	-2.842	-3.267	-2.355	-1.206	-2.834	-2.535	-1.542	-0.976	0.301	0.591	235330	TTC12	NM_172770_9_-1
Dmxl2	-0.749	1.379	-2.043	-0.600	0.196	2.235	1.539	2.601	4.231	4.990	235380	DMXL2	NM_172771_9_-1
Fam63b	6.178	6.335	4.524	4.518	5.282	5.052	5.633	5.626	6.083	6.178	235461	FAM63B	NM_172772_9_-1
Slc17a5	3.151	3.555	2.733	2.808	2.720	3.005	2.905	4.039	4.665	5.058	235504	SLC17A5	NM_172773_9_-1
Atrip	4.231	3.808	3.653	3.427	4.129	3.761	4.165	3.646	3.958	3.397	235610	ATRIP	NM_172774_9_-1
Plxnb1	-2.686	-4.981	-3.957	-3.748	-5.010	-3.596	-4.938	-4.494	-4.981	-4.981	235611	PLXNB1	NM_172775_9_+1
Gbp9	4.421	4.284	6.330	6.092	6.896	6.465	6.806	6.549	6.111	5.731	236573	GBP9	NM_172777_5_-1
Maob	-4.981	-4.981	-4.977	-4.977	-4.885	-4.001	-3.117	-0.246	0.480	4.649	109731	MAOB	NM_172778_X_-1
Ints6l	4.701	5.022	4.080	3.776	5.152	5.286	5.241	5.225	6.352	6.509	236790	INTS6L	NM_172779_X_+1
Slc9a6	2.850	3.023	4.093	3.929	3.134	3.552	3.511	3.742	4.406	4.767	236794	SLC9A6	NM_172780_X_+1
Klhl4	-4.325	0.155	-4.384	-4.960	-4.878	-4.945	-4.970	-4.668	-4.981	-4.981	237010	KLHL4	NM_172781_X_+1
Nxt2	3.412	3.864	3.659	3.594	3.058	2.471	3.634	3.044	3.897	3.312	237082	NXT2	NM_172782_X_+1
Phka2	2.821	2.513	4.303	3.900	3.053	2.611	3.210	3.453	4.771	4.605	110094	PHKA2	NM_172783_X_+1
Lrp11	-0.433	-1.842	-0.620	-0.802	-1.093	-0.926	-1.628	-0.438	-1.640	-0.788	237253	LRP11	NM_172784_10_+1
Zc3h12d	3.823	1.902	5.404	5.093	5.166	4.797	4.273	3.827	3.994	3.787	237256	ZC3H12D	NM_172785_10_+1
L3mbtl3	4.259	4.430	2.340	1.931	2.381	2.280	2.788	2.267	3.213	3.231	237339	L3MBTL3	NM_172787_10_-1
Ankrd52	1.526	1.121	2.761	3.266	2.982	2.860	2.290	2.599	3.190	3.262	237615	ANKRD52	NM_172790_10_+1
Pla2g3	-4.981	-3.267	-4.940	-4.432	-4.883	-4.241	-4.229	-4.970	-4.394	-3.209	237625	PLA2G3	NM_172791_11_+1
Btnl9	-2.948	-4.981	-4.421	-4.842	-4.524	-4.145	-4.455	-1.568	-0.768	-3.853	237754	BTNL9	NM_172793_11_-1
Sarm1	-2.254	-0.371	1.346	0.748	-1.005	-0.682	-2.025	-2.753	-3.607	-3.322	237868	SARM1	NM_172795_11_-1
Slfm9	1.417	0.777	2.433	2.096	1.988	1.443	2.120	2.053	3.886	3.552	237886	SLFM9	NM_172796_11_-1
Mmp28	-3.041	-4.981	1.747	1.177	-3.472	-2.322	-0.171	0.213	0.264	0.354	118453	MMP28	NM_172797_11_-1

Dock4	0.587	0.288	2.674	3.104	4.657	4.233	3.958	3.533	4.272	4.179	238130	DOCK4	NM_172803_12_+_1
Btbd7	2.998	3.326	3.417	3.550	3.723	3.426	3.629	3.367	3.826	3.875	238386	BTBD7	NM_172806_12_-_1
Ppww1	2.631	2.879	2.414	1.980	2.936	2.801	2.538	2.221	1.920	2.129	238831	PPWD1	NM_172807_13_-_1
Sacs	-1.065	-0.312	-0.081	-0.300	-0.091	-1.297	-0.848	0.033	0.144	-0.314	50720	NA	NM_172809_14_+_1
Gucy1b2	-4.981	-4.981	-4.967	-4.944	-4.875	-4.976	-4.797	-4.903	-4.981	-4.981	239134	NA	NM_172810_14_-_1
Htr2a	-4.981	-4.981	-4.915	-3.451	-4.343	-4.761	-3.687	-4.082	-3.925	-3.233	15558	HTR2A	NM_172812_14_+_1
Enox1	-0.463	-1.183	-3.687	-4.803	-4.121	-4.194	-4.956	-4.938	-4.981	-3.193	239188	ENOX1	NM_172813_14_+_1
Lrp12	2.178	1.800	-0.984	0.159	0.309	0.354	0.710	1.209	2.187	2.467	239393	LRP12	NM_172814_15_-_1
Zfp647	-0.375	0.468	-2.153	-1.400	-0.877	-0.581	-1.010	-0.778	-0.857	-0.257	239546	ZNF647	NM_172817_15_-_1
Dip2b	-0.329	0.088	0.026	0.285	0.536	0.638	0.302	0.304	1.871	2.679	239667	DIP2B	NM_172819_15_+_1
Map3k13	-3.090	-4.981	-4.950	-3.278	-2.627	-4.196	-3.949	-4.139	-4.981	-3.855	71751	MAP3K13	NM_172821_16_+_1
Pigz	-1.126	-2.895	1.722	2.111	0.787	-0.024	1.442	1.480	0.952	1.176	239827	PIGZ	NM_172822_16_+_1
Lmln	0.443	0.794	0.191	0.655	1.057	1.715	0.698	0.565	1.324	1.453	239833	LMLN	NM_172823_16_+_1
Ccdc14	1.294	1.759	1.143	0.307	1.932	1.396	1.306	0.771	0.835	0.637	239839	CCDC14	NM_172824_16_+_1
Adgrg7	-4.981	-4.981	-4.972	-4.972	-4.923	-4.420	-4.935	-4.463	-3.531	-2.407	239853	ADGRG7	NM_172825_16_-_1
Lnpep	3.454	3.995	4.396	4.479	4.922	4.717	4.793	4.560	5.002	5.392	240028	LNPEP	NM_172827_17_-_1
Slc4a9	-4.981	-4.981	-1.209	-1.650	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	240215	SLC4A9	NM_172830_18_+_1
Pcyox1l	1.636	2.453	1.758	2.523	1.542	2.321	1.656	2.390	2.021	2.538	240334	PCYOX1L	NM_172832_18_-_1
Malt1	5.683	5.483	5.961	5.583	7.519	7.402	6.458	5.981	6.793	6.912	240354	MALT1	NM_172833_18_+_1
Peli3	-4.981	-2.600	-4.972	-4.972	-3.025	-1.122	-3.321	-3.849	-2.514	-1.977	240518	PELI3	NM_172835_19_-_1
9930021J03Rik	4.258	4.427	4.202	4.073	4.287	4.216	4.166	3.850	3.541	3.504	240613	KIAA2026	NM_172836_19_-_1
Ccnj	2.608	2.151	1.617	1.777	1.554	1.557	1.727	1.799	3.302	2.750	240665	CCNJ	NM_172839_19_+_1
Slco5a1	-1.009	-4.981	3.962	3.785	5.470	4.958	3.543	1.992	-4.981	-4.981	240726	SLCO5A1	NM_172841_1_-_1
Lax1	1.360	-1.073	-1.960	-1.464	-1.711	0.143	-1.378	2.668	-0.650	-3.151	240754	LAX1	NM_172842_1_-_1
Tor1aip2	2.960	2.881	4.467	3.080	3.413	2.995	3.075	2.976	4.566	4.674	240832	TOR1AIP2	NM_172843_1_+_1
Adamts4	-4.981	-4.981	-4.920	-4.920	-3.801	-4.571	-4.659	-4.584	-4.981	-4.981	240913	ADAMTS4	NM_172845_1_+_1
Ankmy1	-1.099	-1.263	-2.902	-4.619	-4.276	-4.720	-2.945	-2.445	-4.981	-3.098	241158	ANKMY1	NM_172850_1_-_1
Olflml2a	-0.861	-1.088	-1.961	-2.860	-3.522	-3.856	-4.938	-4.313	-4.190	-4.227	241327	OLFML2A	NM_172854_2_+_1
Cers6	4.060	4.824	3.179	3.980	5.507	6.039	4.917	5.444	6.747	7.147	241447	CERS6	NM_172856_2_+_1
Exd1	-3.668	0.122	-1.569	-2.293	-2.404	-0.653	-2.099	-2.406	-3.925	-2.152	241624	EXD1	NM_172857_2_-_1
Dzank1	-1.807	-4.981	-4.705	-4.547	-3.406	-3.386	-3.721	-2.654	-4.981	-3.617	241688	DZANK1	NM_172859_2_-_1
Cbfa2t2	3.180	3.701	3.238	2.972	3.112	2.330	3.283	3.493	3.887	3.706	12396	CBFA2T2	NM_172860_2_+_1
Slc7a14	0.000	1.067	1.386	-0.048	0.885	0.515	0.637	0.292	0.986	-0.298	241919	SLC7A14	NM_172861_3_-_1
Zfp697	-1.627	-4.981	-4.981	-4.981	-4.981	-4.981	-4.949	-4.965	-3.531	-2.283	242109	ZNF697	NM_172863_3_+_1
Manea	4.218	4.470	3.049	3.199	3.467	3.379	3.103	3.690	3.560	3.762	242362	MANEA	NM_172865_4_-_1
Rgp1	5.545	5.569	3.675	3.836	3.947	4.160	3.499	3.384	3.358	3.058	242406	RGP1	NM_172866_4_+_1
Palm2	-3.843	-4.981	-4.923	-3.300	-4.367	-4.352	-4.951	-4.890	-4.981	-4.981	242481	PALM2	NM_172868_4_+_1
Klhl9	5.406	5.136	4.555	4.470	4.265	4.024	4.523	4.300	5.948	5.659	242521	KLHL9	NM_172871_4_-_1
Azin2	-0.907	-0.061	-0.341	0.588	-0.550	0.125	0.598	0.800	1.832	1.184	242669	AZIN2	NM_172875_4_-_1
Gpatch3	3.403	3.652	3.358	3.309	3.646	3.447	3.547	3.424	4.021	3.540	242691	GPATCH3	NM_172876_4_+_1
Pramef8	4.061	3.858	4.605	4.186	4.343	4.213	4.042	4.066	4.265	4.683	242736	PRAMEF8	NM_172877_4_+_1
Lrrd1	-4.981	-3.315	-4.589	-4.833	-3.114	-3.955	-4.860	-4.964	-3.750	-4.981	242838	LRRD1	NM_172879_5_+_1
Wdfy3	1.448	0.214	5.123	5.370	3.828	3.554	4.751	4.913	6.154	6.713	72145	WDFY3	NM_172882_5_-_1
Mfsd7a	0.618	1.815	1.784	2.101	2.165	2.588	3.118	2.738	5.162	5.041	243197	MFSD7	NM_172883_5_-_1
2900026A02Rik	-2.075	-4.981	1.922	1.031	4.344	4.621	3.034	2.354	0.042	-0.515	243219	NA	NM_172884_5_-_1
Fry	0.153	1.575	-1.193	-0.625	0.647	0.982	2.753	2.407	5.247	5.006	320365	FRY	NM_172887_5_+_1
Styk1	-4.981	-4.981	-4.962	-4.962	-4.855	-4.974	-2.421	-4.977	-0.885	-4.981	243659	STYK1	NM_172891_6_-_1
Parp12	1.319	-0.494	6.336	5.947	4.775	4.291	5.226	5.113	6.938	6.382	243771	PARP12	NM_172893_6_-_1
Ppp6r1	6.342	6.728	6.514	6.828	6.824	7.067	6.708	7.021	7.462	7.732	243819	PPP6R1	NM_172894_7_-_1
Kirrel2	-4.981	-2.883	-4.962	-4.349	-4.791	-4.961	-4.943	-4.917	-4.981	-4.981	243911	KIRREL2	NM_172898_7_-_1
Siglecg	6.586	6.904	5.013	5.530	8.330	8.085	6.958	6.743	2.471	1.717	243958	SIGLEC10	NM_172900_7_+_1
Man2a2	6.494	5.945	3.583	3.308	4.173	4.367	4.348	4.012	5.933	5.080	140481	MAN2A2	NM_172903_7_-_1
Fsd2	0.895	-1.317	-0.912	-3.221	0.088	-4.923	-1.389	-4.930	-2.501	-4.981	244091	FSD2	NM_172904_7_-_1
Cd163l1	-4.981	-4.981	-4.433	-3.501	-4.963	-1.302	-4.634	-4.623	-4.981	-4.981	244233	NA	NM_172909_7_+_1
D8Ertdd82e	-0.781	0.806	-3.984	-0.712	-2.128	-0.235	0.148	2.320	1.170	2.255	244418	SGK223	NM_172911_8_+_1
Tox3	1.238	-4.981	-3.187	-4.338	-1.068	-4.599	-3.483	-4.983	-1.129	-4.981	244579	TOX3	NM_172913_8_-_1
Zfp317	4.441	4.396	3.361	3.493	3.634	3.846	3.511	3.590	3.611	3.799	244713	ZNF317	NM_172918_9_+_1
Zfp846	2.436	2.662	1.886	1.885	2.652	2.527	2.548	1.882	2.444	2.731	244721	ZNF846	NM_172919_9_+_1
Dpy19l1	6.297	6.199	7.932	7.526	7.032	7.048	7.185	7.248	7.424	7.739	244745	DPY19L1	NM_172920_9_-_1
Nxpe4	4.021	1.186	0.891	-0.048	4.230	-0.151	6.539	2.308	7.808	3.353	244853	NXPE4	NM_172921_9_+_1
Tmem266	1.732	1.869	-2.387	-3.019	-1.953	-0.112	-3.461	-2.630	-4.981	-4.981	244886	TMEM266	NM_172923_9_+_1
Peak1	2.225	1.972	4.856	4.721	5.538	5.217	4.565	3.913	3.542	3.687	244895	PEAK1	NM_172924_9_-_1
Klhl31	-4.981	-4.981	-4.912	-4.401	-4.867	-4.685	-4.948	-4.925	-3.043	-4.981	244923	KLHL31	NM_172925_9_+_1
Snx14	3.101	3.126	4.283	4.779	4.497	4.871	4.387	4.775	4.793	5.416	244962	SNX14	NM_172926_9_-_1
Tmem255a	-4.371	-4.114	-4.792	-4.847	-4.784	-4.935	-4.973	-4.339	-4.981	-4.727	245386	TMEM255A	NM_172930_X_-_1
Nlgn3	-4.981	-4.981	-4.125	-4.649	-3.808	-4.860	-3.267	-2.761	-4.981	-4.981	245537	NLGN3	NM_172932_X_+_1
Amdhd2	5.618	5.118	4.893	5.068	5.066	4.953	5.309	4.904	5.252	5.024	245847	AMDHD2	NM_172935_17_-_1
Shprh	-0.570	-4.297	-1.884	-2.869	-0.722	-0.248	-0.338	-1.088	-0.826	0.943	268281	SHPRH	NM_172937_10_+_1
Scml4	2.025	2.416	-0.501	-0.144	0.462	1.014	0.069	1.682	0.154	-0.732	268297	SCML4	NM_172938_10_+_1
Sowahc	4.859	4.044	6.229	5.891	5.412	4.828	6.886	6.739	7.167	7.466	268301	SOWAHC	NM_172939_10_+_1
Zkscan17	2.562	2.536	0.999	2.644	1.910	1.719	0.986	1.530	2.667	2.401	268417	ZNF496	NM_172941_11_-_1
Alkbh5	4.343	4.128	4.444	4.415	4.483	4.333	4.486	4.431	4.984	5.030	268420	ALKBH5	NM_172943_11_+_1
Itgae	-4.981	-1.972	3.406	3.119	-3.119	-3.854	-3.565	-1.263	-1.540	-1.677	16407	ITGAE	NM_172944_11_+_1
Ankrd13b	-3.349	-2.883	-0.873	-1.246	-2.174	-2.651	-1.239	-0.630	1.047	1.243	268445	ANKRD13B	NM_172945_11_-_1

Krt222	0.719	-0.824	-3.345	-2.434	-0.762	-1.727	-2.038	-0.435	-4.981	-4.981	268481	KRT222	NM_172946_11_-_1
Lsm12	5.637	5.459	5.670	5.798	5.425	5.507	5.273	5.276	4.544	4.654	268490	LSM12	NM_172947_11_-_1
Lpin1	3.055	3.277	4.989	3.824	3.075	2.805	3.667	2.735	4.333	3.084	14245	LPIN1	NM_172950_12_-_1
Sntg2	2.373	4.435	-4.943	-1.613	-4.948	-4.365	-4.972	-3.836	-4.981	-4.981	268534	SNTG2	NM_172951_12_-_1
Gphn	-4.769	-4.487	-1.253	-2.901	-2.965	-3.890	-4.745	-3.803	-4.842	-4.905	268566	GPHN	NM_172952_12_+_1
Serpina5	-4.981	-4.981	-4.981	-4.981	-4.329	2.465	-4.886	-1.769	-4.981	-4.981	268591	SERPINA5	NM_172953_12_+_1
Vcan	-4.981	-4.981	-4.981	-4.981	-4.971	-4.966	-4.598	-4.204	-0.318	1.290	13003	VCAN	NM_172955_13_-_1
Mtmr12	3.649	4.481	4.825	5.031	5.135	5.276	4.924	5.161	5.096	5.824	268783	MTMR12	NM_172958_15_+_1
Adck5	3.207	3.827	3.749	4.433	2.254	2.725	2.250	2.858	0.529	2.100	268822	ADCK5	NM_172960_15_+_1
Abat	-4.273	-4.981	-4.913	-4.835	-4.941	-3.116	-4.942	-4.962	-4.855	-4.686	268860	ABAT	NM_172961_16_+_1
Ddr1	3.550	4.104	0.611	-0.115	4.170	4.257	2.866	1.797	-3.714	-4.066	12305	DDR1	NM_172962_17_-_1
Arhgap28	-1.260	-0.256	4.280	4.589	4.115	5.157	2.528	2.878	-1.067	-0.570	268970	ARHGAP28	NM_172964_17_-_1
Sap130	4.050	3.686	3.735	3.610	4.100	3.874	3.787	3.466	3.613	3.591	269003	SAP130	NM_172965_18_+_1
4930503L19Rik	3.165	3.004	3.198	3.164	3.023	2.669	2.566	2.600	1.734	1.962	269033	C18orf54	NM_172967_18_-_1
Inpp4a	-2.318	-3.092	-2.319	-3.883	-4.256	-4.603	-3.057	-2.438	-2.315	-1.360	269180	INPP4A	NM_172971_1_+_1
Cops7b	3.659	4.114	3.999	4.228	4.082	4.009	4.002	3.926	3.931	3.857	26895	COPS7B	NM_172974_1_+_1
Gtf3c4	2.586	2.774	3.425	3.433	3.281	3.169	3.137	3.129	3.970	4.116	269252	GTF3C4	NM_172977_2_-_1
Slc28a2	2.562	-2.353	2.870	0.061	2.123	1.367	3.085	3.881	5.127	5.240	269346	SLC28A2	NM_172980_2_+_1
Nkain3	-4.981	-4.981	-4.082	-4.451	-3.771	-4.783	-4.954	-4.799	-4.981	-4.195	269513	NKAIN3	NM_172987_4_-_1
Fbxl4	4.491	4.691	3.498	3.453	3.661	3.893	3.074	3.364	3.793	3.675	269514	FBXL4	NM_172988_4_+_1
Lpar1	-4.981	-4.286	-3.515	-4.732	0.190	-0.597	-0.602	-0.810	-0.385	-4.480	14745	LPAR1	NM_172989_4_-_1
Pank4	2.714	3.590	2.818	2.819	2.836	2.695	2.747	3.301	2.919	3.198	269614	PANK4	NM_172990_4_+_1
Rbm48	4.608	4.284	3.477	3.539	3.984	4.071	3.963	3.833	3.661	3.485	269623	RBM48	NM_172991_5_-_1
Phtf2	2.819	3.540	3.691	4.028	4.686	4.496	4.427	4.387	3.339	4.210	68770	PHTF2	NM_172992_5_-_1
Zfp512	4.226	3.741	3.867	3.932	4.793	4.860	4.219	4.097	4.218	4.568	269639	ZNF512	NM_172993_5_+_1
Ppp2r2c	-3.668	-3.408	-4.955	-4.324	-2.365	-3.260	-4.967	-4.200	-4.981	-4.981	269643	PPP2R2C	NM_172994_5_+_1
Idua	-1.011	-3.764	-3.327	-4.794	-1.820	-4.951	-4.373	-3.079	-1.560	-1.549	15932	IDUA	NM_172997_5_+_1
Rnft2	-2.779	-2.449	-2.912	-3.790	-1.238	-3.684	-3.624	-4.725	-3.914	-4.981	269695	RNFT2	NM_172998_5_-_1
Kdm3a	3.182	1.530	3.475	3.479	3.508	2.912	3.412	3.272	4.220	3.884	104263	KDM3A	NM_173001_6_-_1
Zxdc	3.445	3.370	3.127	3.205	3.587	3.339	3.217	3.205	4.186	4.131	80292	ZXDC	NM_173002_6_+_1
Pon3	5.477	6.292	2.306	4.439	1.287	3.077	2.605	4.808	2.069	4.508	269823	PON3	NM_173006_6_-_1
Tspan12	-4.981	-4.981	-4.981	-4.981	-3.411	-4.647	-4.972	-4.861	-4.981	-3.210	269831	TSPAN12	NM_173007_6_-_1
Ssc5d	-2.178	-2.997	-2.821	-3.042	-1.624	-0.600	-2.807	-2.808	-4.981	-4.342	269855	SSC5D	NM_173008_7_+_1
Ube3a	2.084	1.656	3.579	2.734	3.776	3.026	3.325	2.145	4.146	4.451	22215	UBE3A	NM_173010_7_+_1
Idh2	7.408	7.293	6.627	6.912	7.180	7.409	6.435	6.737	6.289	6.660	269951	IDH2	NM_173011_7_-_1
Letm2	3.770	3.409	3.012	2.227	3.494	3.291	2.799	2.161	2.311	2.032	270035	LETM2	NM_173012_8_-_1
Map1s	4.108	4.270	5.085	5.100	5.007	4.700	4.894	4.698	5.563	5.333	270058	MAP1S	NM_173013_8_+_1
Lpcat2	2.002	0.387	4.022	6.322	6.489	7.419	6.529	6.764	6.688	6.591	270084	LPCAT2	NM_173014_8_+_1
Mon1b	3.285	3.441	3.096	3.182	3.768	3.429	3.724	3.204	4.805	4.644	270096	MON1B	NM_173015_8_+_1
Myo9a	4.935	4.701	6.809	6.554	5.018	5.113	4.702	4.915	4.474	4.837	270163	MYO9A	NM_173018_9_+_1
Pfkfb4	3.196	3.749	2.368	2.908	3.894	3.827	5.488	5.706	7.657	7.361	270198	PFKFB4	NM_173019_9_+_1
Phka1	0.702	0.595	-1.833	-1.413	-1.631	-2.589	-3.690	-2.200	-4.342	0.053	18679	PHKA1	NM_173021_X_-_1
BC048403	1.537	1.769	1.348	1.466	1.713	1.565	1.332	1.529	2.347	1.582	270802	C12orf66	NM_173022_10_+_1
Zbtb11	3.956	4.135	4.389	4.323	4.589	4.795	4.457	4.237	4.040	4.590	271377	ZBTB11	NM_173026_16_+_1
Ip6k3	-4.981	-4.981	-2.841	-2.303	-0.436	-2.344	2.572	2.586	4.270	4.158	271424	IP6K3	NM_173027_17_-_1
Vps13a	5.749	5.508	5.158	4.953	5.131	5.271	4.728	4.572	3.317	3.930	271564	VPS13A	NM_173028_19_-_1
Tstd2	3.598	3.713	4.148	4.321	4.042	4.040	4.231	4.326	4.766	5.076	272027	TSTD2	NM_173033_4_-_1
Zfp398	-4.981	-4.861	-2.361	-0.200	-2.579	-1.094	-4.297	-1.506	-0.904	-2.416	272347	ZNF398	NM_173034_6_+_1
Adgrg3	1.737	2.240	-2.406	0.229	-2.239	-0.399	0.671	1.027	2.011	-1.303	54672	ADGRG3	NM_173036_8_+_1
Tango6	1.964	0.621	2.560	2.819	1.430	1.363	1.926	1.990	2.838	2.632	272538	TANGO6	NM_173037_8_+_1
Tbcel	4.323	4.237	3.335	3.312	3.446	3.574	3.348	3.286	3.861	3.893	272589	TBCEL	NM_173038_9_-_1
Cbr3	-0.100	-1.693	5.944	6.332	3.229	4.537	3.495	4.062	2.850	4.080	109857	CBR3	NM_173047_16_+_1
Gga3	1.700	1.372	3.026	2.941	3.336	2.881	2.966	2.776	4.975	4.614	260302	GGA3	NM_173048_11_-_1
Serpib1c	-4.981	-4.981	-3.842	-1.901	-4.971	-3.590	-4.112	-4.671	-4.981	-4.981	380839	NA	NM_173051_13_-_1
Serpib1b	-1.681	-1.144	0.707	0.673	1.079	1.434	0.473	-2.617	-1.123	-2.151	282663	NA	NM_173052_13_+_1
Limk2	2.098	2.503	-2.361	0.098	0.640	0.938	-0.997	0.498	0.034	1.109	16886	LIMK2	NM_173053_11_-_1
Ep400	5.486	5.317	5.293	5.122	5.334	5.284	5.317	4.983	5.235	5.142	75560	EP400	NM_173066_5_-_1
Adgrb2	-4.981	-4.378	-4.974	-4.801	-4.976	-4.967	-4.980	-4.914	-4.981	-4.981	230775	ADGRB2	NM_173071_4_+_1
Plk4	0.719	1.022	-2.340	-4.117	-0.415	-2.190	-0.651	-3.362	-1.202	-4.284	20873	PLK4	NM_173169_3_+_1
Pmpca	5.417	5.723	6.009	6.131	5.793	5.772	5.734	5.814	5.901	5.818	66865	PMPCA	NM_173180_2_+_1
Zc2hc1a	3.167	4.072	3.229	3.951	3.445	4.171	3.079	3.729	3.038	3.793	67306	ZC2HC1A	NM_173181_3_+_1
Fndc3b	4.666	5.180	2.519	2.874	1.919	1.574	3.433	3.781	5.286	5.690	72007	FNDC3B	NM_173182_3_-_1
Rln3	-2.842	-2.437	-4.950	-4.354	-4.970	-4.500	-4.175	-3.384	-4.190	-4.981	212108	RLN3	NM_173184_8_-_1
Csnk1g1	3.936	4.166	4.185	4.064	4.518	4.605	4.086	4.418	4.454	4.726	214897	CSNK1G1	NM_173185_9_+_1
Tbc1d24	-3.677	-2.840	-1.310	-0.086	-1.427	-3.053	-2.739	-0.917	1.045	-0.883	224617	TBC1D24	NM_173186_17_-_1
2310035C23Rik	4.849	5.012	5.304	5.070	4.770	4.536	4.647	5.005	5.273	5.018	227446	KIAA1468	NM_173187_1_+_1
Mcp1	2.394	3.032	3.409	3.738	3.315	3.738	3.265	3.167	2.814	3.063	244329	MCPH1	NM_173189_8_+_1
Prune	2.738	2.538	2.212	2.238	2.621	2.307	2.275	2.237	3.400	3.222	229589	NA	NM_173347_3_-_1
Osbp19	4.509	5.252	5.355	6.027	4.354	4.888	5.258	5.837	6.684	7.198	100273	OSBPL9	NM_173350_4_-_1
Eif5	8.494	8.608	8.328	8.399	8.314	8.463	8.391	8.507	8.296	8.327	217869	EIF5	NM_173363_12_+_1
Zfp445	5.550	5.194	5.614	5.565	6.021	6.197	5.825	5.761	5.836	6.237	235682	ZNF445	NM_173364_9_-_1
Gpr20	-1.063	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	239530	GPR20	NM_173365_15_-_1
Chd6	5.628	5.782	5.151	4.872	5.861	5.868	5.325	5.312	4.382	4.087	71389	CHD6	NM_173368_2_-_1
Cyld	4.860	4.173	5.711	5.283	5.926	5.763	5.869	5.442	5.831	5.836	74256	CYLD	NM_173369_8_+_1

Cds1	5.426	5.566	2.350	1.156	1.427	0.678	2.883	3.010	4.273	4.057	74596	CDS1	NM_173370_5_+1
H6pd	2.752	1.832	3.353	3.457	2.148	2.459	2.851	2.783	5.597	5.216	100198	H6PD	NM_173371_4_-1
Grm6	-4.981	-2.895	-4.913	-3.937	-4.985	-4.645	-1.207	-1.909	-4.981	-4.981	108072	GRM6	NM_173372_11_+1
Srsf1	5.501	5.535	6.137	6.274	6.110	5.830	5.903	5.558	5.471	6.177	110809	SRSF1	NM_173374_11_+1
RbmX2	4.575	4.605	3.735	3.516	4.064	3.966	4.118	3.695	2.480	1.939	209003	RBMX2	NM_173376_X_+1
Trp53bp2	2.525	2.605	3.806	3.798	3.707	3.808	3.609	3.585	4.549	4.445	209456	TP53BP2	NM_173378_1_+1
P3h2	-2.355	-1.073	6.048	6.254	-3.538	-3.827	-1.401	1.190	-2.598	-4.981	210530	P3H2	NM_173379_16_-1
6720489N17Rik	2.615	2.383	2.266	2.439	3.378	2.747	3.283	2.983	1.377	2.486	211378	NA	NM_173381_13_-1
Proser1	3.981	3.916	4.082	3.811	4.012	3.956	3.887	3.869	3.936	4.112	212127	PROSER1	NM_173382_3_+1
Dnd1	0.627	0.613	0.472	1.119	0.852	1.025	0.511	1.224	0.506	0.665	213236	DND1	NM_173383_18_-1
Sox30	-1.142	-2.883	-1.369	-3.565	-4.647	-4.193	-4.406	-4.529	-4.981	-4.981	214105	SOX30	NM_173384_11_+1
Mb21d1	0.710	0.999	4.405	4.261	3.977	3.224	4.328	3.596	4.139	3.580	214763	MB21D1	NM_173386_9_-1
Zfp879	-2.524	-3.882	-4.936	-3.530	-4.950	-4.110	-4.949	-4.716	-4.981	-2.948	214779	ZNF879	NM_173387_11_-1
Slc43a2	1.270	1.231	-1.505	1.089	1.971	0.986	2.271	2.289	4.195	4.252	215113	SLC43A2	NM_173388_11_+1
Nhsl1	-4.765	-4.679	-4.962	-1.047	-1.175	-2.276	-3.164	-4.647	-4.981	-4.944	215819	NHSL1	NM_173390_10_+1
Zfyve16	4.502	4.860	4.589	4.532	4.323	4.315	4.353	4.249	4.019	4.501	218441	ZFYVE16	NM_173392_13_-1
Xkr6	-4.981	-4.981	-4.966	-4.875	-4.604	-3.928	-4.954	-4.703	-4.981	-4.981	219149	XKR6	NM_173393_14_+1
Ticam2	1.778	1.473	3.157	3.053	6.406	6.357	5.888	5.810	6.619	6.748	225471	TICAM2	NM_173394_18_-1
Fam132b	-0.212	-1.005	-0.829	-0.694	-0.635	-1.560	-1.161	-2.537	-1.266	-1.701	227358	ERFE	NM_173395_1_+1
Tgif2	2.844	2.122	2.244	1.612	4.035	3.865	3.158	2.206	-0.209	-0.685	228839	TGIF2	NM_173396_2_+1
Fitm2	1.057	0.957	1.010	0.905	0.543	0.502	0.236	1.041	0.919	0.934	228859	FITM2	NM_173397_2_-1
Gpr171	9.481	9.846	7.661	7.908	3.058	4.343	3.038	5.781	1.065	1.840	229323	GPR171	NM_173398_3_-1
Zbtb5	2.951	2.174	1.884	1.613	2.729	2.412	2.611	2.399	3.815	3.338	230119	ZBTB5	NM_173399_4_-1
Haus6	2.355	2.657	3.130	3.061	3.414	2.981	3.065	2.582	2.922	2.588	230376	HAUS6	NM_173400_4_-1
Fbxo44	-1.241	-2.177	-0.088	-3.939	-1.637	-3.005	-2.362	-3.153	-1.179	-4.974	230903	FBXO44	NM_173401_4_-1
Rgs12	1.537	1.233	3.582	2.487	5.297	5.189	3.706	3.231	-0.317	1.690	71729	RGSI2	NM_173402_5_+1
Amz1	1.590	1.981	5.226	5.570	5.909	6.268	6.105	5.939	5.532	5.785	231842	AMZ1	NM_173405_5_+1
Jazf1	0.193	0.435	3.182	3.457	1.582	1.843	1.951	1.010	2.547	1.758	231986	JAZF1	NM_173406_6_-1
Dcun1d3	0.798	0.836	0.307	0.326	-0.625	0.054	-1.708	-0.422	0.913	2.027	233805	DCUN1D3	NM_173408_7_-1
Rab8b	5.599	5.506	7.765	7.832	7.331	7.251	7.323	7.370	8.101	8.555	235442	RAB8B	NM_173413_9_-1
Nyx	-4.981	-4.981	-4.197	-4.406	-4.973	-4.973	-4.449	-4.501	-1.840	-1.468	236690	NYX	NM_173415_X_+1
BC068281	-1.329	-4.981	-1.553	-2.492	-0.177	0.023	-1.227	-0.101	0.748	0.361	238037	WDPC	NM_173416_12_+1
Dleu7	-3.668	-4.981	-3.043	-4.978	-2.772	-2.400	-3.914	-4.408	-4.981	-4.981	239133	DLEU7	NM_173419_14_-1
Erich5	-4.981	-3.286	-4.969	-3.536	-4.889	-3.176	-4.726	-4.675	-4.981	-4.981	239368	ERICHS	NM_173421_15_+1
Fem1c	4.735	4.987	5.745	5.715	6.931	6.902	6.260	6.036	6.123	5.786	240263	FEM1C	NM_173423_18_-1
Zbtb37	2.826	3.135	2.833	2.706	2.786	2.940	2.029	1.840	1.338	1.596	240869	ZBTB37	NM_173424_1_-1
Fam124b	-0.345	-1.744	-2.881	-2.704	-2.882	-3.967	-4.252	-2.660	-4.981	-4.981	241128	FAM124B	NM_173425_1_-1
Fam110b	0.604	1.337	-0.244	0.602	-1.444	-0.842	-1.217	0.433	0.199	1.205	242297	FAM110B	NM_173426_4_+1
Sspo	-4.981	-3.267	2.252	3.725	4.039	3.281	2.790	1.014	-1.591	-4.316	243369	SSPO	NM_173428_6_+1
Zfp775	3.061	2.611	2.152	1.683	2.267	2.196	2.412	2.156	2.971	1.872	243372	ZNF775	NM_173429_6_+1
Fkpr	3.535	3.838	4.321	4.302	3.789	3.829	3.844	3.858	4.387	3.982	243853	FKPR	NM_173430_7_-1
Rpgrip1l	1.476	1.536	0.386	0.841	0.726	0.605	0.698	0.756	-0.277	0.701	244585	RPGRIPL	NM_173431_8_-1
Pskh1	4.191	4.248	4.210	4.047	4.073	4.288	3.865	3.996	4.553	4.416	244631	PSKH1	NM_173432_8_+1
Kdm4d	-3.843	-2.681	-3.779	-2.951	-2.203	-1.941	-3.757	-3.130	-4.981	-4.981	244694	KDM4D	NM_173433_9_-1
9930111J21Rik2	0.107	3.123	2.909	2.679	3.619	2.958	3.093	2.906	3.276	3.220	245240	NA	NM_173434_11_-1
9930111J21Rik2	2.979	2.034	3.161	3.273	3.283	2.680	2.537	2.560	3.081	3.006	245240	NA	NM_173434_dup1_11_-2
Nav1	1.257	-1.174	6.692	6.659	8.056	8.112	7.342	6.695	6.341	6.475	215690	NAV1	NM_173437_1_-1
Fbxo45	3.066	3.372	4.462	4.575	4.934	4.303	4.376	3.791	4.080	4.295	268882	FBXO45	NM_173439_16_-1
Nrip1	3.617	3.482	4.110	3.998	5.064	5.305	4.810	4.942	5.179	5.023	268903	NRIPL	NM_173440_16_-1
Iws1	5.291	5.336	5.424	5.087	5.471	5.228	5.134	4.998	4.755	4.761	73473	IWS1	NM_173441_18_+1
Gcnt1	1.899	1.907	3.993	-1.335	5.539	2.145	4.887	2.064	4.976	4.322	14537	GCNT1	NM_173442_19_-1
Vcpip1	5.443	5.346	5.814	5.775	5.581	5.640	5.812	5.754	6.270	6.477	70675	VCPIP1	NM_173443_1_-1
Nbeal1	3.055	2.596	4.113	3.432	3.417	3.192	3.640	3.152	3.311	3.668	269198	NBEAL1	NM_173444_1_+1
Rccd1	3.526	3.713	2.680	3.091	3.548	3.997	2.822	2.969	0.632	1.052	269955	RCCD1	NM_173445_7_-1
Pp2d1	-1.910	-1.334	-0.990	-2.318	-1.452	-3.917	-1.198	-1.795	-1.137	-0.880	110332	PP2D1	NM_173449_17_-1
Rpusd2	2.199	2.428	1.005	1.904	1.338	1.206	0.919	1.733	0.442	1.013	271842	RPUSD2	NM_173450_2_+1
Tmem11	5.887	5.517	5.273	5.033	5.105	4.842	5.190	4.749	4.564	4.067	216821	TMEM11	NM_173453_11_-1
Med8	-1.037	-1.432	-0.748	-2.294	-1.689	-4.316	-2.718	-4.003	-0.442	-3.335	80509	MED8	NM_173719_4_+1
Hmgcl1	0.213	0.927	-4.955	-4.319	-4.939	-4.206	-4.880	-4.532	-4.981	-4.981	208982	HMGCL1	NM_173731_9_+1
Nemp1	0.473	1.043	-0.180	0.431	-0.158	-0.623	0.483	-0.480	0.611	-0.865	210035	NEMP1	NM_173732_10_+1
Suox	3.603	3.300	4.255	4.045	4.481	4.694	3.839	3.550	2.556	2.523	211389	SUOX	NM_173733_10_-1
Tmem87a	2.624	4.767	3.022	4.710	2.004	4.220	2.520	4.695	1.915	4.745	211499	TMEM87A	NM_173734_2_-1
Cipc	3.248	3.559	3.809	3.247	4.433	4.267	3.821	3.507	3.853	3.794	217732	CIPC	NM_173735_12_+1
Hmces	3.665	4.241	3.843	3.896	2.805	2.997	3.078	3.694	2.355	2.360	232210	HMCES	NM_173737_6_+1
Zfp940	1.024	0.250	0.281	-0.562	1.288	0.879	0.688	0.176	1.111	0.565	233057	NA	NM_173738_7_-1
Galnt18	-4.981	-4.981	-4.960	-4.552	-4.934	-2.693	-4.943	-4.784	-4.981	-2.909	233733	GALNT18	NM_173739_7_-1
Maoa	1.799	3.073	-0.136	1.763	0.410	0.625	0.170	1.579	0.014	2.548	17161	MAOA	NM_173740_X_+1
Wdr24	4.073	3.923	4.171	4.123	4.141	4.124	3.954	4.147	4.355	4.241	268933	WDR24	NM_173741_17_+1
Rnasek	8.678	9.001	7.563	7.750	7.420	7.946	7.775	7.958	7.229	7.288	52898	RNASEK	NM_173742_11_-1
Apol9b	-4.981	-4.981	-4.933	-4.933	-3.224	-4.889	-4.465	-4.061	-4.028	-3.075	71898	NA	NM_173743_15_+1
Tdrp	-3.843	-4.981	-4.941	-0.710	-3.393	-1.113	-3.342	0.374	-2.150	-3.853	72148	TDRP	NM_173744_8_-1
Dusp18	3.122	2.306	0.886	0.572	0.908	-0.467	-0.203	-0.196	2.605	2.428	75219	DUSP18	NM_173745_11_+1
Triqk	1.567	2.616	0.232	2.632	0.326	1.841	-0.666	-0.026	-3.282	-4.504	208820	TRIQK	NM_173746_4_+1
Gpkow	4.350	5.004	5.109	5.248	4.815	5.116	5.189	5.276	5.932	6.239	209416	GPKOW	NM_173747_X_+1

Nudcd3	5.943	6.042	5.272	5.650	5.605	5.995	5.552	5.880	5.713	6.018	209586	NUDCD3	NM_173748_11_-1
Pamr1	0.582	0.149	-4.958	-4.532	-3.622	-3.687	-3.795	-3.063	-4.981	-4.981	210622	PAMR1	NM_173749_2_+1
Arl14ep	1.017	2.526	0.822	-0.023	0.352	-0.543	0.352	-1.686	1.112	2.112	212772	ARL14EP	NM_173750_2_-1
Ilvbl	5.438	5.575	5.009	5.226	4.650	4.895	4.810	5.064	4.848	4.894	216136	ILVBL	NM_173751_10_+1
Lgalsl	0.521	0.991	1.737	2.708	0.168	1.372	0.153	1.207	0.853	2.031	216551	LGALS	NM_173752_11_-1
Fnip1	4.837	4.878	4.467	4.160	4.765	4.909	4.724	4.133	4.372	4.915	216742	FNIP1	NM_173753_11_+1
Usp43	-4.981	-4.981	-4.984	-4.244	-4.981	-4.981	-4.972	-4.833	-4.981	-4.981	216835	USP43	NM_173754_11_-1
Ube2o	2.418	2.700	3.049	3.222	2.846	3.516	2.576	3.351	3.291	3.684	217342	UBE2O	NM_173755_11_-1
Lin52	4.045	4.381	3.703	3.722	3.708	3.835	3.770	3.746	3.660	3.493	217708	LIN52	NM_173756_12_+1
Mrps27	4.137	4.114	5.418	5.362	4.414	4.367	4.604	4.499	4.146	3.690	218506	MRPS27	NM_173757_13_+1
Vwa8	0.160	1.428	2.253	2.662	1.742	1.642	1.853	1.557	2.707	2.281	219189	VWA8	NM_173758_14_+1
Ppip5k2	4.107	4.423	5.057	4.913	4.546	4.737	4.747	5.003	5.435	5.879	227399	PPIP5K2	NM_173760_1_-1
Ythdf1	5.434	5.326	5.760	5.581	5.757	5.509	5.870	5.820	6.570	6.402	228994	YTHDF1	NM_173761_2_-1
Cenpe	-0.032	0.976	3.921	3.812	4.726	4.315	4.050	3.056	1.748	1.286	229841	CENPE	NM_173762_3_+1
Kyat3	1.595	-0.382	-0.516	1.880	-1.605	-0.150	-0.072	0.314	0.777	-0.777	229905	KYAT3	NM_173763_3_+1
Tapt1	5.738	5.408	4.189	4.459	3.710	4.048	3.865	4.531	4.647	4.694	231225	TAPT1	NM_173764_5_-1
Aasdh	3.348	3.580	3.055	3.258	3.282	3.436	2.660	2.999	2.290	2.609	231326	AASDH	NM_173765_5_-1
Fam69c	-4.981	-4.981	-4.981	-4.981	-4.281	2.024	-4.927	-4.343	-4.981	-4.981	240479	FAM69C	NM_173770_18_+1
4933406M09Rik	-4.981	-4.981	-3.742	-4.350	-4.981	-4.981	-4.059	-2.862	-2.177	-0.317	240755	NA	NM_173771_1_+1
Cfap100	-3.843	-3.315	-4.449	-4.980	-4.688	-4.829	-4.967	-4.871	-4.190	-3.882	243538	CFAP100	NM_173775_6_-1
Mam12	3.051	3.398	-1.624	-0.591	-1.198	-1.222	0.612	0.742	1.288	1.441	270118	NA	NM_173776_9_+1
Olfm2	-1.451	-1.113	-3.411	-3.336	-2.741	-3.563	-3.414	-2.900	-1.844	-3.233	244723	OLFM2	NM_173777_9_-1
Sh2d7	-1.128	-0.446	-4.092	-4.736	-3.770	-4.345	-2.349	-3.532	-2.090	-2.588	244885	SH2D7	NM_173778_9_+1
Sowahd	-3.843	-4.981	-4.971	-4.406	-4.325	-4.967	-4.554	-4.438	-4.981	-4.981	245381	SOWAHD	NM_173779_X_+1
Klf8	1.476	1.804	2.690	2.458	2.310	1.856	2.035	1.268	1.424	2.542	245671	KLF8	NM_173780_X_+1
Rab6b	4.694	4.176	1.734	-1.924	2.626	0.454	1.768	-1.649	1.068	-2.993	270192	RAB6B	NM_173781_9_+1
Ubt2d	1.598	1.643	4.150	4.092	1.403	1.348	1.699	1.618	1.838	2.342	327900	UBTD2	NM_173784_11_+1
Iba57	2.700	2.300	2.348	2.593	2.032	2.004	1.913	1.842	2.904	2.847	216792	IBA57	NM_173785_11_-1
Apol9a	-4.981	-4.981	-4.834	-4.973	-4.968	-4.968	-4.911	-4.866	-4.981	-4.981	223672	NA	NM_173786_15_-1
Npr2	0.066	1.799	-1.697	-0.890	-2.577	-0.126	-2.362	-0.681	-4.981	-4.981	230103	NPR2	NM_173788_4_+1
Fam83a	-4.981	-2.282	-2.695	-4.196	-3.709	-3.472	-3.267	-3.214	-0.386	-1.508	239463	FAM83A	NM_173862_15_+1
Crtc3	4.092	3.130	3.317	2.545	4.900	4.246	4.618	3.659	4.332	3.592	70461	CRTC3	NM_173863_7_-1
Slc41a1	2.599	2.917	4.074	4.119	4.621	4.607	4.108	4.251	4.500	4.376	98396	SLC41A1	NM_173865_1_+1
Gpt2	0.262	0.234	2.213	2.488	-0.103	0.640	1.040	1.701	1.780	2.493	108682	GPT2	NM_173866_8_+1
Rcc2	6.500	6.449	6.374	6.370	6.682	6.647	6.824	6.700	6.543	6.184	108911	RCC2	NM_173867_4_+1
St18	-1.849	-4.981	-3.627	-3.036	-1.649	-2.024	-3.084	-3.512	-4.981	-4.981	240690	ST18	NM_173868_1_+1
Stfa211	-4.981	-4.981	-0.714	0.583	-4.746	-1.393	-2.595	-0.334	-2.093	-2.982	268885	NA	NM_173869_16_+1
Mgat4a	4.856	5.116	3.349	1.667	4.947	4.197	3.708	3.486	-1.427	1.769	269181	MGAT4A	NM_173870_1_-1
Cln3	3.522	4.264	4.125	3.992	4.053	4.204	3.794	2.982	1.895	3.659	12725	CLCN3	NM_173873_8_-1
Cln3	4.029	3.221	3.237	3.314	2.677	2.756	1.957	2.985	3.121	2.453	12725	CLCN3	NM_173874_8_-1
Cln3	-2.387	-0.459	-1.342	-0.145	-4.009	-2.124	-3.169	-2.077	-0.336	-4.261	12725	CLCN3	NM_173876_8_-1
Glyctk	-3.412	-2.946	-2.344	-3.173	-4.425	-2.662	-1.934	-2.907	-3.931	-0.705	235582	GLYCTK	NM_174846_9_-1
C2cd2	2.185	1.770	2.526	2.640	2.390	2.235	2.945	3.079	3.970	3.926	207781	C2CD2	NM_174847_16_-1
Crybg3	3.821	3.838	3.552	3.161	3.311	2.931	3.776	3.440	4.311	4.411	224273	CRYBG3	NM_174848_16_-1
Aagl5	-4.981	-4.981	-2.642	-3.626	-1.412	-2.222	-3.641	-3.248	-2.607	-3.684	231093	AGBL5	NM_174849_5_+1
Micall2	0.332	-1.097	1.749	1.273	-1.492	-1.163	1.037	-0.276	1.636	0.693	231830	MICALL2	NM_174850_5_-1
Ifnlr1	-4.981	-4.981	2.648	2.989	-1.040	-1.117	0.638	1.219	0.826	-0.251	242700	IFNLR1	NM_174851_4_+1
Phf12	4.496	4.537	4.768	4.485	5.394	5.388	4.975	4.538	4.569	4.453	268448	PHF12	NM_174852_11_+1
Disc1	0.394	0.419	-1.072	-0.987	0.517	-0.586	0.419	-0.074	1.669	0.372	244667	DISC1	NM_174853_8_+1
Disc1	1.498	0.846	2.623	1.763	2.430	1.747	1.751	0.967	0.850	1.040	244667	DISC1	NM_174854_8_+1
Mamdc2	-4.981	-1.244	-4.807	-2.409	-4.946	-4.414	-2.457	0.325	-1.848	-2.750	71738	MAMDC2	NM_174857_19_-1
Klk15	-3.189	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	317652	KLK15	NM_174865_7_+1
Klk14	-1.792	-1.579	-3.957	-2.162	-4.853	-4.263	-4.942	-4.073	-4.190	-2.487	317653	KLK14	NM_174866_7_+1
Miga1	2.005	0.801	2.427	2.033	0.028	2.268	0.982	1.740	0.703	1.235	215708	MIGA1	NM_174868_3_-1
Slc26a1	-1.818	-4.981	-3.762	-0.536	-1.503	-0.320	-1.353	0.414	-1.473	-0.591	231583	SLC26A1	NM_174870_5_-1
Atg4b	5.057	5.104	4.931	5.154	4.970	5.165	4.929	5.281	5.032	5.125	66615	ATG4B	NM_174874_1_+1
Atg4a	3.086	3.311	3.155	3.034	3.038	2.997	3.042	3.021	3.000	3.078	666468	ATG4A	NM_174875_3_-1
Impg2	-3.668	-4.981	-3.402	-3.674	-4.312	-3.110	-3.913	-1.839	-2.598	-4.981	224224	IMPG2	NM_174876_16_+1
Gimap9	4.747	5.463	0.051	1.047	-0.155	3.045	0.904	3.015	0.014	0.905	317758	NA	NM_174960_6_+1
Gpbar1	-2.925	-4.981	-3.863	-4.766	-2.772	-5.019	-2.779	-4.995	-4.981	-4.981	227289	GPBAR1	NM_174985_1_+1
Coa6	5.260	5.398	4.393	4.443	4.424	4.511	4.553	4.154	3.569	3.588	67892	NA	NM_174987_8_+1
Cdh22	2.818	1.339	-3.840	-1.446	-0.884	-1.160	-2.716	-1.392	-2.370	-2.562	104010	CDH22	NM_174988_2_-1
Ticam1	2.798	2.241	4.056	3.861	3.173	3.030	3.689	3.561	3.954	3.963	106759	TICAM1	NM_174989_17_-1
Gimap4	2.569	0.621	-0.253	2.067	0.910	3.567	2.485	4.726	0.012	0.156	107526	GIMAP4	NM_174990_6_+1
Adgrb1	-4.981	-4.981	-4.981	-4.981	-4.975	-4.888	-4.973	-4.735	-4.981	-4.981	107831	ADGRB1	NM_174991_15_+1
Smagp	-0.366	-4.856	2.507	2.830	2.128	1.758	1.678	1.538	0.641	1.007	207818	SMAGP	NM_174992_15_-1
Mgst2	5.693	5.839	-0.819	-0.245	-0.796	0.608	-0.430	2.252	1.755	-0.558	211666	MGST2	NM_174995_3_+1
Fam168b	5.955	6.031	6.199	6.313	6.231	6.340	6.412	6.026	6.282	6.185	214469	FAM168B	NM_174997_1_-1
Hbq1a	-2.483	-2.349	-4.892	-2.340	-3.727	-3.072	-4.483	-4.559	-4.394	-3.094	216635	NA	NM_175000_11_+1
Mrpl22	5.797	5.760	5.301	5.239	4.884	4.819	5.061	4.889	4.542	4.298	216767	MRPL22	NM_175001_11_+1
Mmg2	5.395	5.152	4.005	4.114	3.624	3.777	4.158	4.304	3.446	4.022	216829	NA	NM_175002_11_+1
Arhgap44	-3.863	-3.075	-4.115	-4.699	-4.899	-4.893	-4.560	-4.808	-3.668	-4.636	216831	ARHGAP44	NM_175003_11_-1
Pthr2	3.936	3.941	2.565	2.465	2.707	2.002	2.780	2.042	1.935	1.440	217057	PTRH2	NM_175004_11_+1
Eny2	6.398	6.347	5.722	5.874	5.380	5.548	5.856	5.700	4.573	4.797	223527	ENY2	NM_175009_15_+1

Pgm5	-4.981	-4.981	-4.980	-4.602	-4.944	-1.407	-4.973	-3.378	-4.981	-4.981	226041	PGM5	NM_175013_19_-1
Atp5g3	8.623	8.427	8.525	8.526	7.903	8.026	8.014	8.121	7.199	7.132	228033	ATP5G3	NM_175015_2_-1
Alkbh2	4.062	3.970	2.730	2.634	2.650	2.565	2.425	2.274	1.208	1.237	231642	ALKBH2	NM_175016_5_-1
Samd4b	3.363	3.124	4.021	3.707	4.099	3.817	3.990	4.149	4.925	4.854	233033	SAMD4B	NM_175021_7_-1
Prr12	2.178	2.065	1.737	1.634	2.397	1.995	2.053	1.534	1.642	1.535	233210	PRR12	NM_175022_7_-1
Rbbp6	5.797	6.005	3.589	3.229	3.694	3.416	3.189	3.285	2.650	3.044	19647	RBBP6	NM_175023_7_+1
Nrn1l	-4.021	-3.630	-4.421	-4.712	-4.054	-4.636	-4.480	-4.675	-4.981	-4.131	234700	NRN1L	NM_175024_8_+1
Atp2c1	4.778	4.777	6.030	5.497	4.993	4.634	5.432	5.668	6.917	7.402	235574	ATP2C1	NM_175025_9_-1
Ifi209	7.054	6.402	7.395	6.471	7.393	5.797	7.633	6.507	8.675	7.091	236312	IFI16	NM_175026_1_+1
Fancb	-0.917	-1.951	-1.688	-4.205	-4.955	-2.636	-3.641	-4.005	-2.129	-4.526	237211	FANCB	NM_175027_X_+1
Adnp2	2.418	2.556	3.021	2.847	2.868	2.751	2.844	2.980	3.595	3.778	240442	ADNP2	NM_175028_18_-1
Atg4c	0.343	-0.547	1.519	1.012	1.999	0.946	2.630	1.709	3.446	3.067	242557	ATG4C	NM_175029_4_+1
Tctex1d4	-0.956	0.287	-1.059	-0.848	-1.668	-1.151	-0.321	-0.963	0.231	-1.322	242646	TCTEX1D4	NM_175030_4_+1
Stk36	-0.900	-3.267	-2.585	-4.375	-3.602	-2.633	-3.401	-3.489	-2.009	-2.993	269209	STK36	NM_175031_1_+1
Slc24a5	-4.981	-2.172	-2.602	0.339	-2.242	-1.018	-1.337	-0.656	-1.907	-0.942	317750	SLC24A5	NM_175034_2_+1
Gimap5	3.994	3.481	-1.064	0.176	-1.428	0.686	0.979	2.572	-2.936	-2.746	317757	GIMAP1-GIMAP5	NM_175035_6_+1
Leprt	7.594	7.747	8.107	8.108	7.227	7.828	7.542	7.744	7.317	7.309	230514	LEPRT	NM_175036_4_+1
Bcor	-3.326	-0.629	-1.472	-3.069	-0.712	-4.692	-4.523	-4.730	-3.992	-4.106	71458	BCOR	NM_175044_X_-1
Bcor	-0.651	-3.628	-1.625	-0.157	-0.013	-3.203	0.760	-0.326	0.556	-1.212	71458	BCOR	NM_175045_X_-1
Bcor	-3.708	-3.818	-3.197	-4.791	-4.650	-4.941	-4.462	-3.349	-4.401	-4.568	71458	BCOR	NM_175046_X_-1
Gimap4	-0.396	-4.981	-3.743	-2.821	-2.420	-1.938	-0.418	0.268	-3.174	-4.925	107526	GIMAP4	NM_175048_6_+1
Hmgn3	6.496	5.937	4.893	4.870	4.500	4.263	3.553	3.008	0.578	0.982	94353	NA	NM_175074_9_-1
Mdfic	3.126	3.351	4.881	4.553	4.506	4.335	4.297	4.152	3.820	4.103	16543	MDFIC	NM_175088_6_+1
Nek1	3.716	3.878	1.826	2.724	1.954	2.832	1.530	2.627	-0.685	2.967	18004	NEK1	NM_175089_8_+1
Slc31a1	5.482	5.693	5.955	5.911	5.147	5.208	5.552	5.975	6.225	6.658	20529	SLC31A1	NM_175090_4_+1
Tnks	2.721	3.143	4.165	4.150	3.596	4.211	3.556	3.993	4.871	4.860	21951	TNKS	NM_175091_8_-1
Rhof	4.071	4.364	4.093	4.631	5.742	5.858	5.003	4.965	3.768	2.581	23912	RHOF	NM_175092_5_-1
Trib3	-4.981	-1.980	-3.597	0.232	-3.001	0.195	-1.577	0.618	-0.036	1.785	228775	TRIB3	NM_175093_2_-1
Pdhx	4.969	5.059	4.678	4.938	4.993	5.159	4.867	4.893	4.477	4.654	27402	PDHX	NM_175094_2_-1
Commd2	6.723	6.743	5.716	5.576	5.596	5.615	5.537	5.553	5.054	5.234	52245	COMMD2	NM_175095_3_-1
Stbd1	-1.431	-1.991	4.794	4.888	0.202	-0.970	2.240	3.035	1.896	2.834	52331	STBD1	NM_175096_5_+1
Ccdc126	3.466	3.790	1.339	2.137	1.294	2.206	1.266	2.130	2.215	3.396	57895	CCDC126	NM_175098_6_+1
Repin1	-1.765	-1.143	-1.365	-0.675	-1.159	-0.482	-0.075	-0.234	0.889	0.785	58887	REPIN1	NM_175099_6_+1
Emc3	7.612	7.589	6.103	6.275	6.153	6.202	6.147	6.441	6.462	6.411	66087	EMC3	NM_175101_6_-1
Sf3b5	7.190	7.201	6.510	6.366	6.474	6.593	6.745	6.567	6.149	5.594	66125	SF3B5	NM_175102_10_+1
Bola2	4.693	4.561	5.285	5.348	4.933	4.911	5.542	5.429	4.773	4.445	66162	NA	NM_175103_7_+1
Fam53c	3.857	3.721	3.955	3.842	4.142	4.140	4.494	4.391	5.827	5.495	66306	FAM53C	NM_175104_18_+1
Aqp11	-2.355	-4.981	-1.567	-3.227	-1.741	-2.254	-2.891	-0.457	-1.008	-3.758	66333	AQP11	NM_175105_7_-1
Tmem177	3.159	2.600	2.417	2.453	2.784	2.491	1.724	2.350	1.834	1.665	66343	TMEM177	NM_175106_1_-1
2310022A10Rik	2.887	2.640	1.718	1.887	3.030	2.637	2.664	2.729	5.313	4.535	66367	C19orf47	NM_175107_7_+1
Rps19bp1	5.105	5.278	4.443	4.304	4.122	4.144	4.489	4.361	3.526	3.364	66538	RPS19BP1	NM_175109_15_-1
Hspbap1	4.336	4.201	2.843	2.538	3.449	3.530	3.533	2.951	3.924	3.459	66667	HSPBAP1	NM_175111_16_+1
Rae1	6.669	6.824	6.370	6.545	6.308	6.410	6.018	6.279	6.116	5.867	66679	RAE1	NM_175112_2_+1
Trmt6	5.369	5.229	4.712	4.998	5.058	5.124	4.896	4.601	4.437	4.240	66926	TRMT6	NM_175113_2_-1
Trak1	3.510	3.582	3.574	2.971	3.769	3.522	3.833	3.542	4.661	4.620	67095	TRAK1	NM_175114_9_+1
Ikzf5	4.144	3.913	4.054	3.986	4.028	4.061	4.076	3.988	4.565	4.951	67143	IKZF5	NM_175115_7_-1
Lpar6	5.195	6.454	7.508	7.901	5.101	6.106	6.373	7.450	7.245	8.156	67168	LPAR6	NM_175116_14_+1
Dusp28	5.101	4.957	2.883	2.303	2.661	1.985	3.007	2.044	2.740	2.328	67446	DUSP28	NM_175118_1_+1
Slc38a2	5.975	6.123	6.882	6.785	8.105	8.020	8.251	7.861	7.131	7.519	67760	SLC38A2	NM_175121_15_-1
Rab39b	-1.938	-0.369	-1.389	-1.514	-0.810	-1.270	-2.540	-1.385	-2.605	-4.981	67790	RAB39B	NM_175122_X_-1
1110051M20Rik	4.140	4.269	2.004	1.888	3.644	3.570	2.795	2.420	1.959	1.280	228356	C11orf49	NM_175123_2_-1
Lrrc28	1.130	3.177	2.119	1.543	1.819	1.401	0.961	1.711	1.689	1.984	67867	LRRC28	NM_175124_7_-1
Zcchc3	3.056	1.586	1.884	1.561	2.769	2.481	2.050	1.388	0.883	-0.684	67917	ZCCHC3	NM_175126_2_-1
Fbxo28	4.305	4.957	4.835	4.928	4.846	4.974	5.066	5.144	5.921	6.026	67948	FBXO28	NM_175127_1_-1
4930430F08Rik	2.575	3.538	1.829	3.805	1.971	2.558	2.471	2.351	2.009	2.402	68281	C12orf29	NM_175128_10_-1
Trpm4	0.055	-0.282	0.290	0.765	0.814	0.343	1.286	1.695	2.471	2.554	68667	TRPM4	NM_175130_7_-1
Synpo2l	-3.612	-3.516	-2.213	-3.620	-4.803	-4.909	-4.511	-4.740	-2.281	-3.798	68760	SYNPO2L	NM_175132_14_-1
Gucd1	3.605	3.126	4.877	5.045	5.493	5.483	5.697	5.691	6.496	6.613	68778	GUCD1	NM_175133_10_-1
Ankrd46	4.609	5.015	4.426	4.604	4.166	4.422	4.155	4.617	4.722	4.694	68839	ANKRD46	NM_175134_15_-1
Eif2b3	0.893	0.900	0.858	0.100	0.867	0.669	0.585	0.112	-0.701	-0.071	108067	EIF2B3	NM_175135_4_+1
Rnf122	7.577	8.195	4.273	4.198	4.471	5.151	3.973	4.613	1.727	2.844	68867	RNF122	NM_175136_8_+1
Vars2	2.659	2.714	2.438	2.582	3.062	2.868	2.776	2.726	3.195	2.884	68915	VARS2	NM_175137_17_-1
1810030O07Rik	5.898	6.027	5.862	5.904	5.712	5.746	5.775	5.967	5.949	6.167	69155	CXorf38	NM_175141_X_-1
Zfp428	0.460	1.280	-1.494	-1.262	-0.699	-0.496	-1.458	-1.259	-1.855	-2.013	232969	ZNF428	NM_175142_7_+1
Qrich1	4.936	5.383	5.468	5.434	5.765	5.509	5.287	5.575	6.074	6.139	69232	QRICH1	NM_175143_9_+1
Tmem127	4.624	4.536	5.466	5.416	5.604	5.656	5.635	5.464	6.288	6.289	69470	TMEM127	NM_175145_2_+1
Tsr2	4.765	4.722	3.807	3.952	3.794	3.925	3.426	3.458	2.289	2.474	69499	TSR2	NM_175146_X_-1
2310022B05Rik	4.165	4.457	2.334	2.845	1.538	3.359	1.948	2.483	3.004	3.277	69551	C1orf198	NM_175149_8_-1
Txndc15	6.751	6.943	8.317	8.302	5.557	5.912	5.824	6.366	5.668	5.897	69672	TXNDC15	NM_175150_13_+1
Tatdn1	3.839	4.075	3.159	3.216	2.770	3.055	2.887	2.758	2.195	2.250	69694	TATDN1	NM_175151_15_-1
Thap3	4.313	4.667	3.639	3.732	3.858	3.756	3.859	3.577	3.190	3.367	69876	THAP3	NM_175152_4_-1
Vwa9	0.181	-0.242	2.828	1.788	0.593	1.385	1.745	2.101	2.285	1.819	69882	VWA9	NM_175153_9_+1
Galk2	-0.342	0.682	-1.409	-0.679	-1.150	-1.318	-2.813	-2.228	-0.907	-4.907	69976	GALK2	NM_175154_2_+1
Sash1	-1.278	-1.402	2.233	2.278	4.703	6.028	3.482	3.293	1.700	1.740	70097	SASH1	NM_175155_10_-1

Utp20	2.544	2.339	3.226	3.132	3.373	3.056	3.098	3.469	3.245	3.701	70683	UTP20	NM_175158_10_-1
Zdhhc1	1.867	2.685	1.707	1.257	0.477	1.520	1.342	1.871	2.290	2.400	70796	ZDHHC1	NM_175160_8_-1
Stox2	4.722	5.271	-0.089	0.054	-4.376	-3.818	-0.102	0.639	3.256	3.351	71069	STOX2	NM_175162_8_-1
Zfp689	2.267	2.403	2.044	1.813	2.333	2.071	2.051	1.850	2.356	1.393	71131	ZNF689	NM_175163_7_-1
Arhgap26	2.407	1.400	5.369	5.108	5.291	5.112	5.623	5.773	7.544	7.595	71302	ARHGAP26	NM_175164_18_+1
Ptk7	-4.981	-4.981	-4.137	-3.962	-3.375	-4.865	-3.804	-3.938	-4.981	-4.981	71461	PTK7	NM_175168_17_-1
Pogk	-3.900	-3.480	1.608	1.507	0.391	0.243	2.363	1.070	2.383	1.466	71592	POGK	NM_175170_1_-1
Mast4	4.116	4.467	4.254	4.306	3.418	3.995	2.118	2.754	1.138	1.373	328329	MAST4	NM_175171_13_-1
Shtn1	0.199	1.493	2.996	0.405	2.495	0.101	1.277	0.334	-1.552	-3.977	71653	SHTN1	NM_175172_19_-1
Klh5	4.528	4.305	6.135	5.891	6.123	5.935	6.376	5.950	6.463	6.603	71778	KLHL5	NM_175174_5_+1
Plekfh2	5.784	5.733	6.496	6.337	5.918	5.745	6.310	6.770	7.794	7.966	71801	PLEKHF2	NM_175175_4_-1
Bdh1	-3.848	-4.166	-4.517	-4.787	-3.432	-4.911	-4.719	-4.838	-4.968	-4.479	71911	BDH1	NM_175177_16_+1
Amer1	1.913	1.679	2.573	2.450	2.388	2.406	2.460	2.660	2.935	3.190	72345	AMER1	NM_175179_X_-1
Wdr44	3.310	4.032	4.683	4.378	4.616	4.611	3.939	4.235	4.319	4.606	72404	WDR44	NM_175180_X_+1
Prr5l	2.719	0.473	5.348	4.933	4.182	3.607	5.457	4.565	5.628	4.870	72446	PRR5L	NM_175181_2_-1
Atxn7l2	-0.219	-0.986	-2.372	-2.455	-1.228	-1.520	-1.469	-3.794	-1.255	-0.115	72522	ATXN7L2	NM_175183_3_-1
Mvb12b	2.420	1.998	2.839	1.899	2.641	0.799	2.448	1.005	1.668	-0.289	72543	MVB12B	NM_175184_2_-1
Hsd1l	5.576	5.581	5.274	5.174	5.646	5.679	5.482	5.589	6.098	5.967	72552	HSDL1	NM_175185_8_-1
Tmem161b	3.580	3.633	4.379	4.050	3.281	3.250	3.350	3.283	3.465	3.546	72745	TMEM161B	NM_175187_13_+1
March1	3.117	3.187	5.354	5.534	4.237	4.875	4.488	4.673	4.954	5.195	72925	MARCH1	NM_175188_8_+1
Swi5	8.211	8.029	7.516	7.419	7.278	7.351	7.027	6.977	5.855	5.681	72931	SWI5	NM_175190_2_-1
Gpr22	-0.215	-0.688	-0.250	-0.725	-0.537	-0.652	-0.587	-1.120	0.141	0.239	73010	GPR22	NM_175191_12_-1
Golim4	4.670	4.865	5.392	5.224	4.355	4.982	4.076	4.504	4.498	4.795	73124	GOLIM4	NM_175193_3_-1
Slc25a16	3.797	4.082	4.096	3.793	4.096	3.967	4.129	3.963	5.231	5.055	73132	SLC25A16	NM_175194_10_+1
Sppl2b	4.171	4.278	3.908	4.064	4.075	4.317	3.911	4.338	5.018	4.845	73218	SPPL2B	NM_175195_10_+1
Prox2	0.491	1.156	-1.142	-2.518	-0.639	-0.686	-2.137	-1.044	0.799	-0.036	73422	PROX2	NM_175198_12_-1
Hspa12a	-2.739	-1.716	-4.359	-4.804	-3.185	-1.063	-4.619	-0.637	-4.981	1.778	73442	HSPA12A	NM_175199_19_-1
Rnf38	3.565	2.307	2.247	1.736	2.872	2.632	1.699	2.395	3.239	4.597	73469	RNF38	NM_175201_4_-1
Psmb11	-4.981	-3.211	-2.263	-3.914	-3.043	-4.198	-2.875	-4.624	-2.925	-3.601	73902	PSMB11	NM_175204_14_+1
Fbxl22	1.551	1.769	1.141	0.028	1.048	1.195	1.265	-0.154	1.107	1.359	74165	NA	NM_175206_9_-1
Ankrd9	4.462	5.076	1.479	1.415	1.944	1.969	1.665	1.424	1.818	1.777	74251	ANKRD9	NM_175207_12_-1
Ralgps1	1.558	2.063	-2.268	-2.523	-0.079	-1.670	-2.606	-1.830	-4.023	0.449	241308	RALGPS1	NM_175211_2_-1
Tmem65	3.637	3.946	3.429	3.730	2.944	2.422	3.661	4.010	5.430	5.725	74868	TMEM65	NM_175212_15_-1
Mei4	2.634	0.909	-2.301	-3.816	-2.395	-3.367	-3.307	-4.939	-3.925	-3.816	75033	MEI4	NM_175213_9_+1
Lysmd4	1.995	1.670	1.686	1.293	1.581	1.696	1.321	1.210	1.974	1.506	75099	LYSMD4	NM_175215_7_+1
C130026i21Rik	1.548	4.442	-0.441	3.483	0.270	2.768	-0.979	2.657	0.090	3.465	620078	NA	NM_175219_1_-1
Dnal1	-3.668	-2.340	-3.732	-2.538	-1.511	-0.851	-2.210	-3.138	-2.839	-4.342	75563	DNAL1	NM_175223_4_-1
Metap1	5.232	5.390	5.471	5.627	4.865	4.918	4.754	4.827	4.350	4.447	75624	METAP1	NM_175224_3_-1
Tasp1	0.927	0.347	0.613	0.499	0.272	-0.565	0.520	-0.658	-0.551	-1.124	75812	TASP1	NM_175225_2_-1
Rnf139	6.195	6.161	6.061	6.002	5.332	5.515	5.676	5.785	6.006	6.197	75841	RNF139	NM_175226_15_+1
Srrm2	7.613	7.723	8.611	8.457	9.016	9.100	8.408	8.389	7.829	7.830	75956	NA	NM_175229_17_+1
Whsc1	1.495	1.274	1.728	0.281	2.532	1.714	2.233	1.565	2.029	0.338	107823	WHSC1	NM_175231_5_+1
Faxc	-4.981	-0.465	-4.981	-4.981	-4.981	-4.981	-4.971	-4.804	-4.981	-4.981	76132	FAXC	NM_175234_4_+1
Adhfe1	-3.291	-4.981	-1.857	-4.950	-1.882	-4.659	-1.893	-4.556	-3.516	-4.519	76187	ADHFE1	NM_175236_1_+1
Rif1	4.894	4.704	5.517	5.387	5.774	5.604	5.358	5.196	4.402	4.593	51869	RIF1	NM_175238_2_+1
Fam187b	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.948	-4.965	-4.981	-4.981	76415	NA	NM_175240_7_+1
1700028K03Rik	-0.080	-0.440	-1.396	-1.837	-1.811	-1.368	-2.088	-2.162	-2.880	-2.199	76421	C1orf146	NM_175241_5_+1
Ppp1r18	1.228	-0.178	2.392	2.709	4.254	4.179	4.254	4.178	4.500	4.930	76448	PPP1R18	NM_175242_17_+1
Hectd3	4.220	4.237	4.344	4.457	4.741	4.817	4.546	4.978	5.721	5.896	76608	HECTD3	NM_175244_4_+1
Mzt1	5.955	6.241	5.958	5.865	5.551	5.591	5.459	5.611	4.782	5.382	76789	MZT1	NM_175245_14_-1
Snip1	4.738	4.454	4.889	4.797	4.733	4.471	4.325	4.200	4.582	4.225	76793	SNIP1	NM_175246_4_+1
Zfp28	3.418	3.541	1.558	1.740	1.844	2.014	1.925	1.996	1.700	2.073	22690	ZFP28	NM_175247_7_+1
Arid2	4.562	4.562	5.765	5.933	5.016	4.889	5.230	5.175	5.403	5.501	77044	ARID2	NM_175251_15_+1
Zfp934	-1.558	-2.327	-2.590	-3.883	-4.857	-4.188	-2.957	-4.241	-1.809	-3.789	77117	NA	NM_175252_13_-1
Sec24a	2.908	2.402	2.711	2.924	2.365	2.122	2.396	2.933	2.783	2.827	77371	SEC24A	NM_175255_11_-1
Heg1	2.841	2.620	3.306	3.494	0.874	1.899	2.417	3.233	3.024	3.557	77446	HEG1	NM_175256_16_+1
Rapgef6	5.036	4.360	5.833	5.366	5.672	5.230	5.359	5.150	5.803	5.927	192786	RAPGEF6	NM_175258_11_+1
Shisa4	-3.563	-4.981	-4.981	-4.981	-4.981	-4.981	-4.171	-4.233	-4.981	-4.981	77552	SHISA4	NM_175259_1_-1
Myh10	2.500	2.324	0.125	1.101	-0.131	0.888	-0.733	0.883	0.136	0.413	77579	MYH10	NM_175260_11_+1
Notum	-4.981	-4.981	-2.934	-1.388	-4.895	-4.976	-4.816	-4.975	-4.981	-4.981	77583	NOTUM	NM_175263_11_-1
Bora	1.655	1.319	2.100	2.541	2.730	2.916	2.323	2.497	1.737	2.040	77744	BORA	NM_175265_14_+1
Epm2aip1	4.498	5.167	4.236	4.560	4.113	4.698	3.789	4.444	3.923	4.885	77781	EPM2AIP1	NM_175266_9_+1
Fam53b	3.538	2.462	3.479	3.813	3.956	4.223	3.404	4.019	5.109	4.796	77938	FAM53B	NM_175268_7_-1
Lpar4	-4.981	-4.981	-4.930	-4.930	-4.092	-4.360	-1.615	-2.866	-3.043	-0.789	78134	LPAR4	NM_175271_X_+1
Nav2	3.003	1.441	0.240	-1.082	0.774	0.596	-1.825	-0.114	-3.734	0.704	78286	NAV2	NM_175272_7_+1
Fam219b	1.199	2.681	2.261	2.555	2.317	0.983	2.301	1.718	2.877	1.802	78323	FAM219B	NM_175273_9_+1
Ttyh3	3.405	2.771	4.887	4.963	5.974	5.777	5.235	4.888	5.122	5.336	78339	TTYH3	NM_175274_5_-1
CntlN	2.357	2.384	3.419	3.076	4.147	3.853	3.676	3.440	2.213	2.498	338349	CNTLN	NM_175275_4_+1
Bola3	5.801	5.774	4.548	4.870	5.303	5.552	5.173	4.951	2.734	2.552	78653	BOLA3	NM_175277_6_+1
Srd5a1	0.000	-0.395	-0.436	-1.992	-0.823	-1.711	-0.788	-0.238	0.671	-0.027	78925	SRD5A1	NM_175283_13_-1
Fzd10	-4.981	-1.739	-4.952	-4.952	-4.320	-4.309	-4.970	-4.976	-2.333	-1.419	93897	FZD10	NM_175284_5_+1
Tmem62	3.009	2.960	2.726	2.966	2.309	2.394	2.462	2.583	2.821	2.897	96957	TMEM62	NM_175285_2_+1
Tprn	2.903	2.953	3.816	3.817	3.335	3.394	3.133	3.268	4.260	3.896	97031	TPRN	NM_175286_2_+1
A430005L14Rik	6.246	6.100	5.169	5.313	5.306	5.247	5.185	5.174	4.679	4.485	97159	C1orf174	NM_175287_4_+1

Dock10	2.904	1.860	3.901	3.857	5.374	4.235	4.911	4.224	6.392	6.214	210293	DOCK10	NM_175291_1_-1
D630023F18Rik	-4.981	-4.981	-4.698	-4.966	-4.893	-4.788	-4.931	-4.952	-3.340	-4.189	98303	C2orf80	NM_175293_1_-1
Nucks1	5.380	5.337	5.686	5.785	6.004	5.921	5.920	5.593	4.460	4.527	98415	NUCKS1	NM_175294_1_+1
Anape2	5.576	5.679	6.148	6.249	6.012	5.943	6.132	6.308	6.657	6.588	99152	ANAPC2	NM_175300_2_+1
Lrrc19	-4.981	-2.895	-3.507	-4.713	-4.166	-2.551	-4.072	-4.681	-4.981	-2.609	100061	LRRC19	NM_175305_4_-1
Phactr4	2.255	2.175	1.962	2.667	2.355	2.584	2.790	2.762	2.638	2.492	100169	PHACTR4	NM_175306_4_-1
Fam46b	-4.981	-4.981	-2.744	-2.072	-4.978	-4.814	-4.976	-4.904	-4.981	-4.981	100342	FAM46B	NM_175307_4_+1
Mob3c	5.056	4.904	4.087	4.120	4.203	4.170	3.989	4.306	4.097	4.364	100465	MOB3C	NM_175308_4_+1
Pds5b	4.211	4.238	4.395	4.128	4.575	4.449	4.500	4.436	4.023	4.412	100710	PDS5B	NM_175310_5_+1
Zfp513	3.296	3.925	3.824	4.178	3.866	3.926	3.582	2.901	2.867	3.339	101023	ZNF513	NM_175311_5_-1
Bmt2	5.776	5.828	5.827	5.613	5.591	5.844	5.595	5.719	5.906	6.909	101148	BMT2	NM_175312_6_-1
Eogt	1.746	2.238	3.655	3.956	2.689	3.286	2.371	3.002	2.816	3.194	101351	EOGT	NM_175313_6_-1
Ceacam15	1.167	-4.981	-4.981	-4.981	1.273	-4.512	-3.612	-4.903	-4.981	-4.981	101434	NA	NM_175315_7_-1
Slco2b1	-0.359	-0.836	-1.910	-1.400	-1.541	-1.687	-0.629	-1.002	-4.596	-1.982	101488	SLCO2B1	NM_175316_7_-1
Efl1	3.093	3.477	3.768	2.420	3.099	3.334	3.332	2.985	3.261	2.858	101592	EFL1	NM_175317_7_+1
Spty2d1	5.899	5.524	5.573	5.202	5.050	4.849	5.332	5.238	5.870	5.842	101685	SPTY2D1	NM_175318_7_-1
Acad11	2.596	3.372	2.228	2.724	3.092	3.304	2.550	2.536	2.843	3.117	102632	ACAD11	NM_175324_9_+1
Bbs4	3.157	3.308	2.195	2.161	2.466	2.649	1.976	2.055	2.239	2.363	102774	BBS4	NM_175325_9_-1
D330045A20Rik	-4.981	-4.981	-2.201	-0.440	-0.858	-0.815	-1.705	-1.840	-4.981	-2.993	102871	CXorf57	NM_175326_X_+1
Chchd10	4.792	4.811	1.429	3.090	1.054	3.648	2.709	4.887	1.199	1.584	103172	CHCHD10	NM_175329_10_+1
Nt5dc3	0.756	1.646	1.708	1.473	1.246	1.691	1.573	0.718	1.507	1.804	103466	NT5DC3	NM_175331_10_+1
E130012A19Rik	0.295	0.966	1.821	1.740	1.680	1.575	1.194	1.389	-1.160	-1.223	103551	C17orf96	NM_175332_11_-1
Slc25a41	-3.668	-3.267	-4.062	-4.197	-4.895	-3.132	-4.974	-4.420	-4.981	-3.758	103775	SLC25A41	NM_175333_17_-1
Maml1	3.023	2.912	2.351	2.306	3.322	3.044	3.500	2.857	3.630	3.701	103806	MAML1	NM_175334_11_-1
Gtf2a1	2.031	2.327	1.750	1.030	2.659	1.733	1.988	1.638	2.160	1.557	83602	GTF2A1	NM_175335_12_-1
Tecpr2	-3.530	-3.022	-2.092	-3.876	-4.292	-4.570	-2.026	-2.560	-3.535	-0.554	104859	TECPR2	NM_175336_12_+1
Mlh3	3.167	1.990	3.157	3.297	2.898	3.569	2.192	3.159	2.809	3.326	217716	MLH3	NM_175337_12_-1
Nhlrc1	-0.353	0.616	0.469	0.967	1.346	1.995	0.911	0.719	-0.860	0.224	105193	NHLRC1	NM_175340_13_-1
Mbnl2	-1.974	1.827	1.860	2.095	0.940	1.513	2.435	2.540	2.604	2.945	105559	MBNL2	NM_175341_14_+1
Chdh	3.681	3.832	-4.468	-3.041	-4.957	-4.946	-4.824	-4.829	-4.548	-4.733	218865	CHDH	NM_175343_14_+1
Ano6	3.918	3.779	6.016	6.078	4.323	4.620	5.101	5.523	6.864	6.954	105722	ANO6	NM_175344_15_+1
Srl	4.252	4.629	1.014	0.972	0.475	-0.615	-1.395	-0.999	-0.102	0.840	106393	SRL	NM_175347_16_-1
Ldhal6b	-4.981	-4.981	-4.570	-2.863	-4.419	-4.818	-4.869	-4.022	-3.022	-3.853	106557	LDHAL6B	NM_175349_17_-1
Catsperd	-4.981	-4.981	-0.971	-1.404	-3.073	-2.245	-4.954	-2.290	-4.981	-4.981	106757	CATSPERD	NM_175350_17_+1
Unc119b	4.275	4.513	7.352	7.081	4.249	3.979	4.810	5.699	6.182	6.101	106840	UNC119B	NM_175352_5_-1
Exoc6	5.685	5.491	5.986	6.135	6.525	6.805	6.100	6.188	6.480	6.408	107371	EXOC6	NM_175353_19_+1
Pi4kb	2.975	3.564	3.829	4.432	3.765	4.366	3.180	4.026	3.920	4.641	107650	PI4KB	NM_175356_3_+1
Crbn	4.995	4.461	4.622	4.282	4.752	4.497	4.824	4.741	4.959	5.132	58799	CRBN	NM_175357_6_-1
Zdhhc15	1.944	2.674	0.054	-0.155	1.413	0.878	1.065	0.488	-0.452	-1.398	108672	ZDHHC15	NM_175358_X_-1
Obfc1	4.982	5.106	4.952	4.520	4.418	4.217	4.553	4.735	5.200	5.238	108689	OBFC1	NM_175360_19_-1
Card11	6.726	6.870	5.136	5.587	6.246	6.793	5.342	4.974	1.335	-0.334	108723	CARD11	NM_175362_5_-1
Pphln1	3.965	3.802	5.149	4.920	4.739	4.405	4.442	4.231	4.910	4.403	223828	PPHLN1	NM_175363_15_+1
Lyrn2	5.346	5.001	5.252	5.146	4.886	4.917	5.179	4.939	4.433	4.252	108755	LYRM2	NM_175364_4_+1
Mex3b	-0.104	-0.854	1.405	1.235	-0.994	-2.284	0.266	-0.878	-0.505	-1.375	108797	MEX3B	NM_175366_7_+1
Ston2	1.644	2.459	1.218	0.351	4.522	3.888	2.847	1.157	0.906	-0.547	108800	STON2	NM_175367_12_-1
Ccdc122	4.871	4.866	4.869	4.766	4.882	5.120	4.609	3.718	2.256	1.685	108811	CCDC122	NM_175369_14_+1
Als2cr12	0.980	0.787	-0.935	-1.381	-1.155	-1.486	0.736	-0.326	-1.877	-0.182	108812	ALS2CR12	NM_175370_1_-1
Rdh13	-3.461	1.783	0.397	0.487	0.365	1.081	-0.348	0.231	1.655	2.133	108841	RDH13	NM_175372_7_-1
Mtrf1l	4.097	3.971	3.331	3.273	3.369	3.167	3.225	2.974	2.672	2.777	108853	MTRF1L	NM_175374_10_-1
Ankhd1	5.336	5.507	6.184	6.038	6.170	6.144	6.060	6.056	5.968	6.318	108857	ANKHD1 ANKHD1	NM_175375_18_+1
Gpd1l	5.439	5.621	5.288	5.985	5.874	7.539	5.504	5.842	5.719	5.616	333433	GPD1L	NM_175380_9_-1
270081015Rik	-0.351	-2.239	-0.846	-1.108	0.392	-0.585	-1.051	-1.309	-1.403	-0.010	108899	C11orf95	NM_175381_19_+1
Fam72a	-0.340	0.025	1.649	1.699	1.054	0.214	0.574	-0.135	0.539	0.614	108900	FAM72A	NM_175382_1_+1
B4gat1	4.991	4.992	3.599	3.594	3.726	3.499	3.644	3.952	4.477	4.114	108902	B4GAT1	NM_175383_19_+1
Cdca2	-1.467	-0.052	1.237	1.438	2.401	0.963	1.590	1.058	0.654	-0.688	108912	CDCA2	NM_175384_14_-1
Lhfp	-0.488	-2.437	-1.245	0.571	-3.799	-0.108	-2.420	-0.132	-2.265	-2.572	108927	LHFP	NM_175386_3_+1
Rbfox2	-4.981	-4.981	-4.939	-4.364	-4.962	-4.900	-3.271	-3.693	-4.981	-4.962	93686	RBFOX2	NM_175387_15_-1
Rnf169	3.362	3.621	4.357	3.495	4.064	3.654	4.480	3.806	4.781	4.665	108937	RNF169	NM_175388_7_-1
Trmt10a	1.941	2.815	2.613	3.052	2.837	3.515	2.537	2.390	0.827	1.453	108943	TRMT10A	NM_175389_3_+1
Apol7c	3.118	-3.636	10.554	3.418	7.874	-2.382	7.208	-3.001	-1.711	-4.981	108956	NA	NM_175391_15_-1
Miga2	-3.999	-3.804	-3.139	-4.535	-4.627	-4.889	-4.410	-4.774	-4.245	-4.720	108958	MIGA2	NM_175392_2_+1
4930555G01Rik	-4.981	-4.981	-4.982	-4.047	-3.816	-0.635	-4.956	-4.308	-4.981	-4.981	108978	NA	NM_175393_14_+1
Wtap	5.471	5.661	5.168	5.615	4.871	5.269	5.085	5.280	4.838	5.592	60532	WTAP	NM_175394_17_-1
Sp110	4.989	3.470	2.217	2.155	2.421	2.345	2.598	2.200	1.743	1.970	109032	SP110	NM_175397_1_-1
Fam212b	-4.444	-3.394	-3.421	-2.851	-3.607	-2.106	-3.639	-3.394	-4.568	-4.664	109050	FAM212B	NM_175398_3_+1
Exosc4	6.424	6.144	5.558	5.484	5.374	5.237	5.610	5.364	4.993	4.762	109075	EXOSC4	NM_175399_15_+1
Sephs1	4.512	4.704	4.997	5.190	5.061	4.971	4.911	4.960	5.063	5.249	109079	SEPHS1	NM_175400_2_+1
Fbxw17	3.495	3.779	4.435	4.056	3.227	3.717	3.200	3.247	3.427	2.886	109082	NA	NM_175401_13_+1
Rbm15b	3.332	3.447	2.371	2.425	2.327	2.257	2.404	2.249	3.347	3.058	109095	RBM15B	NM_175402_9_-1
Mlec	6.575	6.222	7.788	7.860	6.069	5.714	5.957	6.521	6.399	6.673	109154	MLEC	NM_175403_5_-1
Tmem139	-4.981	-4.981	-1.683	-3.083	-4.473	-4.337	-4.006	-4.963	-4.190	-3.480	109218	TMEM139	NM_175408_6_+1
Fam118b	2.265	2.265	1.964	2.010	1.878	2.154	2.525	2.450	3.000	3.383	109229	FAM118B	NM_175411_9_-1
Lrrc39	1.290	1.140	1.114	0.785	0.763	0.629	0.397	0.405	0.440	0.889	109245	LRRC39	NM_175413_3_+1
Tspan9	0.405	-0.299	3.672	4.043	5.288	5.324	4.059	3.404	0.509	1.327	109246	TSPAN9	NM_175414_6_-1

Adtrp	2.270	2.547	-2.408	-3.011	-0.935	-0.778	-0.922	-1.167	-0.366	-1.885	109254	ADTRP	NM_175417_13_-1
Mybpc1	-4.981	-4.981	-4.383	-4.331	-4.834	-4.963	-3.218	-3.538	-4.981	-4.981	109272	MYBPC1	NM_175418_10_-1
Actr5	4.064	4.094	3.949	3.883	3.949	3.968	4.033	4.134	4.024	3.937	109275	ACTR5	NM_175419_2_+1
Plekhh2	0.348	1.462	2.324	2.229	0.888	1.465	0.728	0.924	1.411	1.561	226971	PLEKHH2	NM_175421_1_+1
Orai1	4.876	5.085	6.143	6.185	5.455	5.324	6.354	6.418	7.123	6.842	109305	ORAI1	NM_175423_5_+1
Zbtb21	3.008	2.288	-0.428	0.388	2.154	2.279	1.731	2.055	2.221	2.145	114565	ZBTB21	NM_175428_16_-1
Kctd12b	-0.857	-0.880	0.211	-0.879	1.016	1.334	2.781	3.362	4.354	5.359	207474	NA	NM_175429_X_-1
Ccdc40	0.718	1.169	-0.298	0.643	-0.611	-0.476	0.063	-0.915	-2.106	-1.760	207607	CCDC40	NM_175430_11_+1
Fam228b	-0.708	-0.386	-1.121	-1.326	-1.629	-0.590	-1.583	-1.971	-4.981	-3.165	207921	FAM228B	NM_175431_12_-1
Tmem132c	-4.981	-4.981	-3.346	-2.791	3.293	1.098	0.270	-2.380	-4.981	-4.227	208213	TMEM132C	NM_175432_5_+1
Zfp710	3.242	3.003	4.309	4.800	4.974	5.137	4.244	5.340	6.049	6.243	209225	ZNF710	NM_175433_7_+1
Zfp526	-0.505	0.441	-0.306	0.198	0.146	-0.232	0.203	-0.323	0.821	0.338	210172	ZNF526	NM_175436_7_+1
Gsap	4.513	3.895	7.164	7.450	6.785	7.263	6.961	7.118	6.907	7.054	212167	GSAP	NM_175437_5_+1
Aldh4a1	2.416	2.982	2.941	3.273	2.866	3.310	2.916	3.317	3.866	4.160	212647	ALDH4A1	NM_175438_4_+1
Mars2	2.373	2.198	2.638	2.692	2.147	1.799	2.014	2.790	3.273	2.833	212679	MARS2	NM_175439_1_+1
Prss27	-2.842	-4.981	-3.043	-4.682	-4.631	-4.786	-4.141	-4.743	-2.946	-4.316	213171	PRSS27	NM_175440_17_+1
Mylk3	-4.981	-4.841	-4.948	-4.952	-4.969	-4.980	-4.980	-4.978	-4.961	-4.975	213435	MYLK3	NM_175441_8_-1
A63003H20Rik	3.202	1.311	0.645	1.828	2.615	2.403	2.382	2.498	3.879	3.625	213438	NA	NM_175442_X_+1
Etnk2	-4.981	-4.981	-4.935	-4.935	-4.904	-4.813	-4.959	-4.404	-4.981	-2.609	214253	ETNK2	NM_175443_1_+1
Rassf2	3.270	3.074	4.904	5.094	5.956	5.715	5.626	5.472	6.188	6.542	215653	RASSF2	NM_175445_2_-1
Zmat1	2.823	3.571	2.035	2.216	3.243	3.294	2.432	2.529	1.678	1.796	215693	ZMAT1	NM_175446_X_-1
Fam26f	3.935	3.331	5.059	4.949	4.693	4.082	6.080	6.402	5.136	5.770	215900	FAM26F	NM_175449_10_-1
Wdr18	6.117	5.853	5.495	5.531	5.257	5.394	5.394	5.736	5.038	4.791	216156	WDR18	NM_175450_10_+1
Ckap4	1.699	3.413	2.201	1.840	1.277	1.905	3.309	5.032	6.258	6.066	216197	CKAP4	NM_175451_10_-1
Hid1	3.623	3.912	-0.438	-0.176	-3.062	-1.647	-0.480	2.081	-1.940	-0.757	217310	HID1	NM_175454_11_-1
Ankrd34b	-3.189	-4.981	-4.695	-4.327	-5.001	-5.001	-3.872	-4.961	-3.823	-3.233	218440	ANKRD34B	NM_175455_13_+1
Mroh1	4.846	4.673	4.505	4.908	3.976	4.415	4.205	4.719	5.415	5.581	223658	MROH1	NM_175457_15_+1
Glis3	-3.444	-3.082	-4.866	-4.694	-3.104	-4.705	-3.177	-2.761	-0.907	-0.055	226075	GLIS3	NM_175459_19_-1
Fam78b	-4.981	-4.981	-4.981	-3.654	-4.717	-4.764	-1.655	-4.052	-4.212	-0.127	226610	FAM78B	NM_175461_1_+1
Kcnt1	-4.981	-4.981	-4.978	-4.921	-4.870	-4.885	-4.969	-4.689	-4.981	-4.981	227632	KCNT1	NM_175462_2_+1
Pkp4	1.429	1.618	2.293	1.501	-0.121	-1.325	1.589	0.750	1.025	1.171	227937	PKP4	NM_175464_2_+1
Sestd1	-0.140	-0.019	3.629	3.848	3.044	2.634	3.425	3.840	5.390	5.128	228071	SESTD1	NM_175465_2_-1
Zfp770	1.272	1.589	2.774	3.182	4.088	4.510	3.666	3.432	2.458	3.332	228491	ZNF770	NM_175466_2_-1
Cyb5r1	2.612	2.584	1.683	1.407	0.804	0.844	0.866	0.668	1.322	1.051	230582	CYB5R1	NM_175471_4_+1
Zcchc11	4.708	4.343	5.509	5.242	5.859	5.940	5.664	5.426	4.319	4.319	230594	ZCCHC11	NM_175472_4_+1
Fras1	-4.981	-4.981	-4.983	-4.983	-2.201	-3.306	-3.329	-4.780	-4.981	-4.981	231470	FRAS1	NM_175473_5_+1
Fam109a	0.731	1.270	1.939	1.516	1.599	1.646	1.887	2.001	3.396	3.346	231717	FAM109A	NM_175474_5_+1
Cyp26b1	-4.981	-3.074	-4.035	-4.700	-4.981	-4.976	-4.981	-4.981	-4.483	-4.981	232174	CYP26B1	NM_175475_6_-1
Arhgap25	4.799	4.807	2.320	1.083	3.976	4.144	3.698	3.198	3.062	3.043	232201	ARHGAP25	NM_175476_6_-1
Zfp574	2.518	2.735	2.304	1.679	2.720	2.856	2.326	1.833	3.723	2.653	232976	ZNF574	NM_175477_7_+1
Zfp612	-1.340	0.920	-3.543	1.011	-3.913	1.627	-3.929	0.285	-4.981	-4.981	234725	ZNF23	NM_175480_8_+1
Usp28	3.067	2.892	2.613	2.163	2.601	2.628	2.633	3.818	2.470	4.434	235323	USP28	NM_175482_9_+1
Snx33	1.307	0.603	0.569	1.031	0.967	0.832	1.374	1.449	3.045	2.658	235406	SNX33	NM_175483_9_-1
643057L13Rik	-4.981	-4.981	-1.532	-3.098	-4.217	-4.376	-4.147	-4.966	-4.981	-4.981	235599	C3orf18	NM_175486_9_+1
Ccdc38	-0.212	3.587	-1.353	-0.605	-2.031	0.861	-0.932	-0.871	-1.945	-1.876	237465	CCDC38	NM_175488_10_+1
Osbpl8	4.198	3.356	4.049	3.762	4.871	4.445	4.944	4.624	4.137	4.361	237542	OSBPL8	NM_175489_10_+1
Smcr8	-0.788	-0.644	0.580	-1.132	-0.291	-1.645	-1.343	-2.514	0.011	-0.526	237782	SMCR8	NM_175491_11_+1
Gpr68	-0.318	-4.725	2.810	2.181	3.027	2.429	3.426	3.028	-4.798	0.664	238377	GPR68	NM_175493_12_-1
Zfp367	3.387	2.235	5.631	3.880	3.625	1.990	3.355	1.637	2.720	0.597	238673	ZNF367	NM_175494_13_-1
Gpr150	-0.852	-4.981	-4.729	-4.774	-2.321	-4.939	-3.804	-2.846	-0.425	-0.673	238725	GPR150	NM_175495_13_-1
Tmem74	-4.981	-4.981	-4.494	-4.960	-0.026	-2.745	-4.833	-4.313	-4.190	-4.227	239408	TMEM74	NM_175502_15_-1
Aard	-4.981	-4.981	-4.931	-4.931	-1.207	-2.152	-4.453	-4.976	-4.981	-4.981	239435	AARD	NM_175503_15_+1
Slc35g1	0.418	-0.356	1.710	2.282	-0.568	0.249	-0.412	1.563	-1.643	1.677	240660	SLC35G1	NM_175507_19_+1
Fam78a	2.432	1.757	1.960	1.842	2.190	2.183	2.864	2.842	3.726	3.688	241303	FAM78A	NM_175511_2_-1
Dhrs9	-4.981	-4.981	-0.147	-1.045	-0.331	-3.454	-1.507	0.199	-2.351	-1.995	241452	DHRS9	NM_175512_2_+1
Fam171b	-1.037	1.154	-4.728	-4.054	-4.284	-4.980	-4.961	-4.496	-4.981	-2.159	241520	FAM171B	NM_175514_2_+1
Intu	2.640	3.703	0.835	0.687	1.035	1.727	1.136	0.827	0.566	0.681	380614	INTU	NM_175515_3_+1
Tmem245	1.946	1.880	2.785	2.508	2.779	2.830	1.947	2.495	2.599	3.294	242474	TMEM245	NM_175518_4_-1
Hcar1	-4.981	-4.981	-0.594	2.087	-4.968	-4.968	-4.967	-4.974	-4.981	-4.981	243270	HCAR1	NM_175520_5_-1
Nyap1	-4.981	-4.981	-4.577	-4.186	-3.887	-4.777	-3.961	-4.856	-0.742	-0.625	243300	NYAP1	NM_175521_5_-1
Ppm1k	4.273	4.167	5.205	4.690	4.802	4.323	4.439	3.949	3.593	3.058	243382	PPM1K	NM_175523_6_-1
Clec1a	0.653	1.700	3.031	2.743	-0.823	-1.212	0.773	0.094	0.199	-1.394	243653	CLEC1A	NM_175526_6_-1
E330009J07Rik	-1.171	-0.334	-0.535	-0.289	0.941	0.093	0.877	0.444	1.518	1.236	243780	KIAA1147	NM_175528_6_-1
Leng9	3.567	3.477	2.611	2.542	3.187	3.814	4.093	3.885	4.249	4.268	243813	LENG9	NM_175529_7_-1
Fbxo46	2.484	2.961	2.936	3.528	2.703	3.202	2.399	3.079	3.241	3.544	243867	FBXO46	NM_175530_7_+1
Nlrp10	0.723	2.039	-0.502	2.047	4.021	3.771	2.863	2.559	1.146	2.906	244202	NLRP10	NM_175532_7_-1
Mrgpre	1.131	0.088	-0.491	-0.332	-1.867	-1.249	-0.763	-0.088	-1.639	-2.007	244238	MGRPRE	NM_175534_7_-1
Arhgap20	-4.981	-4.981	-4.880	-4.521	-4.650	-2.288	-4.971	-3.881	-4.394	-4.981	244867	ARHGAP20	NM_175535_9_+1
Zbtb38	3.545	3.317	3.403	3.672	3.365	3.454	2.823	3.307	3.225	3.384	245007	ZBTB38	NM_175537_9_-1
Nim1k	2.682	2.926	-1.887	-2.834	-2.759	-2.571	-1.615	-0.343	1.792	1.372	245269	NIM1K	NM_175538_13_-1
Dcaf12l2	-4.981	-4.981	-4.981	-4.981	-2.904	-2.091	-4.971	-4.805	-4.981	-4.981	245403	DCAF12L2	NM_175539_X_-1
Rttm	2.059	1.525	1.488	1.532	2.634	2.359	2.253	1.385	2.771	2.610	246102	RTTM	NM_175542_18_+1
Rab11fip4	-0.501	-1.910	3.244	2.918	2.382	2.055	2.198	1.658	1.542	1.375	268451	RAB11FIP4	NM_175543_11_+1
Wdfy2	1.301	0.175	3.236	3.107	3.769	3.675	3.166	3.207	4.319	4.358	268752	WDFY2	NM_175546_14_+1

Nlrc3	-2.925	-4.981	-3.991	-4.894	-4.182	-3.227	-3.738	-1.457	-3.022	-2.295	268857	NLRC3	NM_175547_16_-1
Robo2	2.550	3.328	-3.281	-3.190	-4.971	-4.971	-4.983	-4.977	-4.394	-2.064	268902	ROBO2	NM_175549_16_-1
Ap4e1	3.116	3.244	3.444	3.338	3.258	3.550	3.469	3.288	3.947	4.128	108011	AP4E1	NM_175550_2_+1
Dido1	3.384	3.735	4.223	4.083	4.481	4.283	3.978	3.631	4.131	4.145	23856	DIDO1	NM_175551_2_-1
Wdr3	4.556	4.528	5.520	5.560	5.118	5.180	5.658	5.875	6.967	6.910	269470	WDR3	NM_175552_3_-1
Clspn	0.998	1.650	2.157	1.907	3.081	2.496	2.323	1.509	-0.181	-1.135	269582	CLSPN	NM_175554_4_+1
Zfp384	3.090	3.171	4.683	4.694	4.556	4.411	4.477	4.365	4.726	4.936	269800	ZNF384	NM_175557_6_+1
Zfp446	1.666	1.781	1.174	1.277	0.850	0.781	0.392	0.779	0.860	0.191	269870	ZNF446	NM_175558_7_+1
Zfp747	1.631	1.454	2.576	2.366	2.341	1.747	2.479	2.625	3.162	3.364	269997	NA	NM_175560_7_-1
Pcnx2	-4.981	-2.275	-4.961	-4.587	-4.250	-4.873	-4.711	-4.363	-2.989	-1.705	270109	PCNX2	NM_175561_8_-1
Rab39	1.923	2.549	5.363	5.254	3.005	2.669	3.298	3.694	2.582	3.546	270160	RAB39A	NM_175562_9_-1
Prr11	-1.820	-0.173	1.291	1.288	1.729	1.064	1.088	0.662	-0.276	-0.661	270906	PRR11	NM_175563_11_-1
Cdv3	3.784	2.316	2.227	1.356	-0.366	-2.498	0.768	1.833	-1.958	0.684	321022	CDV3	NM_175565_9_-1
Hopx	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.103	-4.864	-3.216	-3.235	74318	HOPX	NM_175606_5_-1
Oscar	-4.981	-4.981	-4.981	-4.981	-4.941	-4.830	-4.970	-4.924	-4.981	-4.430	232790	OSCAR	NM_175632_7_-1
Wnk4	-2.443	-4.981	-2.837	-3.568	-3.198	-3.387	-2.724	-2.599	-1.647	-1.604	69847	WNK4	NM_175638_11_+1
Wdr43	6.029	5.935	6.419	6.422	6.089	5.942	6.002	5.992	5.494	5.399	72515	WDR43	NM_175639_17_+1
Ltbp4	-4.499	-4.981	-4.919	-4.981	-4.904	-4.976	-4.947	-4.964	-4.981	-4.981	108075	LTBP4	NM_175641_7_-1
Adams2	-2.273	-4.981	-3.492	-2.586	-4.359	-4.999	-4.519	-4.464	-1.753	-2.328	216725	ADAMTS2	NM_175643_11_+1
Xylt1	0.714	0.344	-0.920	-1.792	-1.637	-0.858	2.022	2.354	4.693	4.388	233781	XYLT1	NM_175645_7_+1
Txn14b	2.284	2.335	1.392	1.308	1.710	1.611	1.683	1.704	2.844	2.336	234723	TXNL4B	NM_175646_8_+1
Trim30b	3.864	3.887	4.582	4.448	4.976	4.737	4.178	3.947	3.609	3.601	244183	NA	NM_175648_7_-1
Tnfrsf26	-1.104	-1.075	0.113	1.140	-0.266	0.291	1.364	1.814	1.824	1.788	244237	NA	NM_175649_7_-1
Hist4h4	1.308	1.103	-0.489	1.700	0.249	2.123	0.824	2.076	0.527	1.541	320332	HIST1H4B	NM_175652_6_-1
Hist1h3c	-4.981	-4.981	-0.534	-2.375	-0.298	-3.163	-0.859	-3.345	-3.765	-4.981	319148	HIST2H3D	NM_175653_13_-1
Hist1h4d	3.601	0.472	4.492	1.236	5.047	1.242	4.655	0.962	3.772	0.542	319156	HIST1H4A	NM_175654_13_+1
Hist1h4f	-4.981	-4.981	-1.482	-4.896	-0.998	-4.297	-1.364	-3.985	-3.549	-4.155	319157	HIST1H4J	NM_175655_13_-1
Hist1h4i	1.295	0.126	1.728	1.034	1.865	0.887	2.002	0.449	1.622	0.349	319158	HIST4H4	NM_175656_13_-1
Hist1h4n	-0.948	-0.221	-4.681	0.124	-4.902	1.165	-4.916	1.104	-4.978	-0.214	319161	HIST1H4L	NM_175657_13_+1
Hist1h4h	-0.948	1.072	-3.696	1.434	-1.607	0.919	-3.631	1.118	-4.978	1.098	319161	HIST1H4L	NM_175657_dup1_13_-1
Hist1h2ah	-4.981	-4.981	-3.333	-2.484	-1.559	-1.989	-1.314	-3.393	-2.655	-2.534	319168	HIST1H2AH	NM_175659_13_-1
Hist1h2ab	-1.632	-1.953	1.214	1.166	2.178	1.876	1.488	0.033	-0.121	-1.757	319172	HIST1H2AD	NM_175660_13_+1
Hist1h2af	-4.981	-4.981	-3.731	-3.138	-3.173	-3.119	-3.665	-4.161	-4.981	-4.981	319173	HIST1H2AJ	NM_175661_13_+1
Hist2h2ac	1.403	1.858	2.087	2.368	2.330	2.222	2.349	2.152	1.792	0.894	319176	HIST2H2AC	NM_175662_3_-1
Hist1h2ba	-4.981	-4.981	-4.840	-4.458	-4.934	-3.435	-4.954	-2.680	-4.981	-4.117	319177	HIST1H2BA	NM_175663_13_-1
Hist1h2bb	-0.951	-4.981	0.370	-2.006	1.330	-0.345	0.860	-1.598	-0.275	-2.582	319178	HIST1H2BB	NM_175664_13_+1
Hist1h2bk	-2.292	-0.295	-0.078	1.215	1.448	1.571	0.712	1.033	0.011	0.591	319184	HIST1H2BK	NM_175665_13_+1
Hist2h2bb	-0.327	1.403	-0.142	0.747	0.581	1.654	0.360	1.808	0.429	0.655	319189	HIST2H2BF	NM_175666_3_+1
Gpr4	3.745	-0.546	7.067	5.883	5.565	4.782	2.633	2.615	-2.416	-2.126	319197	GPR4	NM_175668_7_+1
Gpr82	-3.668	-4.981	4.351	4.550	4.684	5.618	3.385	2.671	0.438	0.603	319200	GPR82	NM_175669_X_+1
Slc35f6	3.432	3.080	4.378	4.623	3.595	3.580	4.361	4.511	6.001	5.878	74919	SLC35F6	NM_175675_5_+1
Trim12c	1.867	3.353	-0.510	2.954	1.402	3.655	1.775	3.046	1.718	3.073	319236	TRIM5	NM_175677_7_-1
Bricd5	-0.904	-1.102	-4.962	-4.540	-4.781	-4.701	-4.740	-4.137	-3.488	-3.929	319259	BRICD5	NM_175682_17_+1
Dclre1c	1.502	2.148	-0.432	0.329	0.111	-3.194	0.591	0.628	1.670	2.662	227525	DCLRE1C	NM_175683_2_+1
Fchsd1	2.813	2.931	2.809	2.755	2.252	2.365	2.375	1.819	1.779	2.191	319262	FCSD1	NM_175684_18_-1
A230050P20Rik	-1.000	0.078	1.911	1.356	2.964	2.736	2.107	1.632	0.575	0.514	319278	C19orf66	NM_175687_9_+1
A530099J19Rik	0.145	-0.143	9.369	9.278	-2.021	0.482	1.939	5.346	-0.465	-0.572	319293	NA	NM_175688_13_-1
Shhg11	-3.522	-4.981	-2.015	-3.605	-2.790	-3.570	-4.329	-3.780	-2.435	-2.716	319317	NA	NM_175692_2_+1
Pianp	-4.792	-0.158	2.388	1.758	-4.787	-0.629	-4.292	-0.796	-4.885	-0.920	319352	PIANP	NM_175696_6_+1
Hoxc5	-4.981	-4.981	-4.981	-4.981	-2.778	-4.938	-4.879	-4.822	-4.981	-4.981	15424	HOXC5	NM_175730_15_+1
Acer1	-4.981	-4.803	-4.685	-4.987	-4.886	-4.920	-4.426	-4.573	-4.229	-3.573	171168	ACER1	NM_175731_17_-1
Nup153	4.813	5.094	5.735	5.467	5.795	5.713	5.536	5.472	5.605	5.418	218210	NUP153	NM_175749_13_-1
Plxna4	-2.842	-1.910	-1.159	-0.036	-0.988	-0.094	-1.278	-2.381	-1.985	-1.271	243743	PLXNA4	NM_175750_6_-1
Zfp608	4.285	4.502	1.576	2.301	3.042	2.951	3.364	3.546	3.045	3.759	269023	ZNF608	NM_175751_18_-1
Chn1	-4.981	-4.981	-4.981	-4.981	-4.600	-4.766	-4.981	-4.981	-4.981	-4.981	108699	CHN1	NM_175752_2_-1
Taf7	5.976	5.548	5.501	5.255	5.998	5.806	5.813	4.876	4.991	4.112	24074	TAFF7	NM_175770_18_-1
Cdv3	4.778	5.134	5.521	4.853	4.939	4.673	5.026	4.787	4.919	4.577	321022	CDV3	NM_175833_9_-1
Sptbn1	4.793	4.374	5.418	5.264	3.081	3.378	5.134	5.544	6.247	6.588	20742	SPTBN1	NM_175836_11_-1
Gimap1	1.981	0.725	-3.933	-0.836	-3.157	-1.939	-1.149	0.123	-0.634	-2.034	16205	GIMAP1	NM_175860_6_+1
Rapgef5	-4.981	-4.981	-1.348	-0.191	-1.256	1.578	-0.609	-0.185	-0.938	-0.335	217944	RAPGEF5	NM_175930_12_+1
Pex5	4.146	3.918	3.876	3.658	3.330	3.595	3.790	3.908	5.147	5.000	19305	PEX5	NM_175933_6_-1
G6pc3	4.863	5.082	5.269	5.234	4.858	5.036	4.832	4.673	4.413	4.025	68401	G6PC3	NM_175935_11_+1
Cpeb2	0.361	1.905	3.066	2.957	1.637	1.125	2.158	2.417	2.085	2.469	231207	CPEB2	NM_175937_5_+1
Btn2a2	-4.420	-4.981	-4.935	-4.261	-1.574	0.408	-4.218	-4.550	-4.981	-4.981	238555	BTN2A2	NM_175938_13_-1
Cpq	4.733	4.949	6.610	6.760	2.670	3.100	3.846	4.964	4.024	4.512	54381	CPQ	NM_176073_15_+1
Hps6	1.879	1.032	2.767	2.751	2.598	2.575	2.590	2.338	2.587	2.699	20170	HPS6	NM_176785_19_+1
Izumo1r	-4.981	-4.981	-4.825	-3.998	-4.887	-4.967	-4.879	-2.524	-4.981	-4.316	64931	IZUMO1R	NM_176807_9_-1
Mcf2	2.679	2.335	2.951	2.238	2.455	1.113	2.406	1.474	3.305	2.519	193813	MCF2D	NM_176808_17_-1
C030006K11Rik	0.358	-0.489	0.515	0.081	1.064	0.483	0.504	-0.321	0.326	-1.487	223665	C8orf82	NM_176828_15_-1
4931440F15Rik	-0.073	-1.507	-1.211	-0.379	-0.649	-2.508	-0.917	-2.388	-0.910	-1.785	216622	NA	NM_176829_11_-1
P3h4	-1.532	-4.981	-1.083	-0.398	-3.380	-3.771	-4.655	-2.659	-4.981	-4.981	66180	P3H4	NM_176830_11_-1
Ppcdc	6.070	6.249	5.694	5.504	5.831	5.952	5.592	5.570	4.459	4.226	66812	PPCDC	NM_176831_9_-1
Spire1	-0.809	-2.009	1.308	2.173	3.447	3.331	3.420	2.756	1.355	2.619	68166	SPIRE1	NM_176832_18_-1
Ppm1f	3.691	3.625	3.454	3.099	3.179	2.916	3.489	2.812	3.531	2.775	68606	PPM1F	NM_176833_16_+1

Rnf208	-4.981	-2.883	-4.130	-3.613	-4.970	-2.673	-4.956	-4.704	-4.981	-3.797	68846	RNF208	NM_176834_2_+1
Dnajc22	-2.483	-4.981	0.676	0.792	3.594	4.251	1.226	-1.085	-4.981	-4.981	72778	DNAJC22	NM_176835_15_+1
Fam76b	5.811	5.893	5.152	5.010	5.246	5.380	5.569	5.395	5.606	5.745	72826	FAM76B	NM_176836_9_+1
Arhgap18	4.312	4.755	7.304	7.170	5.351	5.264	5.167	5.432	4.971	5.322	73910	ARHGAP18	NM_176837_10_+1
Esrp2	-2.483	-3.315	-3.851	-3.556	-4.057	-3.470	-4.091	-4.219	-3.153	-4.342	77411	ESRP2	NM_176838_8_-1
Abcc5	0.830	1.343	-0.313	0.777	0.879	1.399	2.187	1.979	2.923	3.038	27416	ABCC5	NM_176839_16_-1
Osbpl11	4.460	4.499	3.900	4.149	4.579	5.180	4.579	4.949	5.749	6.122	106326	OSBPL11	NM_176840_16_+1
Ccdc88a	6.543	7.069	7.228	7.125	7.329	7.375	7.769	7.749	6.762	7.556	108686	CCDC88A	NM_176841_11_+1
Tprkb	4.400	4.898	4.710	4.723	4.386	4.421	4.403	4.348	3.801	3.914	69786	TPRKB	NM_176842_6_+1
Ints5	3.416	3.144	4.083	4.117	3.830	3.731	3.832	4.048	4.805	4.622	109077	INTS5	NM_176843_19_+1
Ddhd1	2.048	2.308	4.133	4.464	5.216	5.368	4.621	4.663	4.952	5.854	114874	DDHD1	NM_176845_14_-1
Fbxo2	-3.349	-2.275	-2.138	-2.767	-3.922	-4.270	-3.946	-2.868	-4.981	-3.480	230904	FBXO2	NM_176848_4_+1
Arglu1	5.539	5.444	5.461	5.110	5.837	5.750	5.553	5.121	4.842	4.623	234023	ARGLU1	NM_176849_8_-1
Bptf	5.898	5.913	5.318	5.064	5.471	5.570	5.443	5.089	4.390	4.266	207165	BPTF	NM_176850_11_-1
Ubash3b	1.984	3.239	4.804	5.468	3.001	4.039	3.771	4.349	5.557	4.721	72828	UBASH3B	NM_176860_9_-1
Mink1	-1.442	0.453	1.573	2.106	2.770	2.678	2.132	2.146	-1.669	1.822	50932	MINK1	NM_176893_11_+1
Ubald2	4.994	4.082	4.786	4.180	4.847	4.204	5.043	4.040	5.141	4.191	319370	UBALD2	NM_176902_11_+1
CSar2	-4.981	-4.321	-4.724	-4.488	-1.064	0.970	-3.637	-0.107	0.569	0.493	319430	CSAR2	NM_176912_7_-1
Dpep2	-4.790	-4.727	-1.906	-2.338	-2.983	-3.947	-0.485	-2.085	0.705	-1.406	319446	DPEP2	NM_176913_8_-1
Mettl4	3.775	4.422	3.089	3.061	2.948	3.015	2.446	2.469	1.954	2.842	76781	METTL4	NM_176917_17_-1
Ppm1h	2.121	0.651	2.134	0.886	0.440	-0.255	1.177	-0.138	3.088	1.314	319468	PPM1H	NM_176919_10_+1
Itga11	-4.981	-4.981	-3.778	-4.840	-4.955	-4.848	-4.970	-4.976	-4.981	-4.981	319480	ITGA11	NM_176922_9_+1
Wdr59	-2.223	-2.107	-2.237	-1.083	-4.391	-4.112	-2.232	-2.658	-4.156	-2.011	319481	WDR59	NM_176923_8_-1
Brwd1	4.030	4.733	4.416	4.340	4.177	3.951	3.760	3.663	2.815	3.478	93871	BRWD1	NM_176928_16_-1
Nrcam	-4.981	-4.349	-4.643	-4.944	-4.975	-4.941	-4.955	-4.970	-4.466	-4.786	319504	NRCAM	NM_176930_12_+1
Dusp4	-3.843	-1.231	-2.353	-1.810	-1.310	-1.700	-1.330	-0.853	-2.340	-0.827	319520	DUSP4	NM_176933_8_+1
Xkr5	-4.981	-4.981	-2.368	-4.927	-2.918	-2.880	-3.385	-4.442	0.771	-4.939	319581	XKR5	NM_176951_8_-1
6430573F11Rik	-4.981	-4.981	-4.981	-4.981	-4.954	-4.507	-3.806	-4.971	-4.981	-2.572	319582	KIAA1456	NM_176952_8_+1
Lig4	0.999	0.848	0.757	1.163	1.579	1.351	0.876	0.605	1.758	1.716	319583	LIG4	NM_176953_8_-1
Celf5	-4.981	-4.981	-4.976	-4.769	-4.682	-4.350	-4.974	-4.978	-4.981	-3.855	319586	CEL5	NM_176954_10_-1
Nckap5	-4.981	-4.981	-1.511	-2.591	-4.965	-4.690	-4.923	-4.979	-4.981	-4.981	210356	NCKAP5	NM_176957_1_-1
Hif1an	3.640	3.554	4.462	4.581	4.378	3.920	4.248	4.163	5.028	4.736	319594	HIF1AN	NM_176958_19_+1
Zfp944	4.830	4.400	5.031	4.762	4.255	4.047	4.569	4.295	4.552	5.051	319615	NA	NM_176962_17_-1
Galm	-1.871	-1.693	2.514	2.816	2.857	3.399	3.075	2.909	3.265	3.565	319625	GALM	NM_176963_17_+1
Efcab5	-2.842	-4.981	-4.251	-3.120	-2.663	-3.553	-3.256	-3.112	-0.124	-1.548	319634	EFCAB5	NM_176965_11_-1
Fsd1l	-1.529	-0.986	-1.800	-1.284	-2.757	-1.472	-2.243	-2.701	-4.981	-2.061	319636	FSD1L	NM_176966_4_+1
Nt5dc1	4.659	4.689	3.830	3.892	4.810	4.765	4.562	4.210	4.763	4.366	319638	NT5DC1	NM_176968_10_-1
Rab9b	-4.981	-4.981	-4.366	-4.979	-4.627	-4.822	-4.667	-4.980	-4.981	-4.981	319642	RAB9B	NM_176971_X_-1
Usp37	3.339	3.657	4.256	3.676	4.542	4.138	4.207	3.683	3.376	3.815	319651	USP37	NM_176972_1_-1
Podxl2	-1.049	0.074	-3.107	-2.759	-3.346	-4.418	-3.284	-4.249	-4.981	-3.797	319655	PODXL2	NM_176973_6_-1
Cep295	3.297	3.530	4.031	3.533	4.422	4.528	4.260	3.832	3.356	3.104	319675	CEP295	NM_176976_9_-1
Topbp1	4.267	4.008	5.215	4.957	5.750	5.202	5.461	4.932	5.015	4.664	235559	TOPBP1	NM_176979_9_+1
Fbxo48	2.011	2.107	1.888	0.946	1.543	0.656	0.804	-0.330	-1.363	-0.567	319701	FBXO48	NM_176982_11_+1
Simc1	1.567	1.280	1.075	1.248	2.807	2.605	2.040	1.711	1.851	1.838	319719	SIMC1	NM_176987_13_+1
Smo	-4.981	-0.232	-1.312	1.491	-1.555	-0.059	0.009	1.085	1.523	0.925	319757	SMO	NM_176996_6_+1
C130050O18Rik	2.235	1.288	2.681	2.823	2.929	3.266	5.018	5.237	6.546	6.418	319772	NA	NM_177000_5_+1
9130023H24Rik	1.944	1.857	2.072	2.485	1.968	1.629	1.497	1.756	1.447	2.498	100043133	NA	NM_177001_7_-1
Tigar	2.795	2.843	2.550	3.386	3.077	3.098	2.386	2.437	2.672	2.434	319801	TIGAR	NM_177003_6_-1
Gltd1d1	-2.443	-0.826	-2.813	-1.846	-0.848	-0.110	-1.612	-2.639	-0.958	-2.976	319804	GLTD1D1	NM_177005_5_+1
Tmem229a	-4.981	-4.981	-4.730	-4.877	-4.087	-4.812	-4.203	-4.088	-3.373	-1.220	319832	TMEM229A	NM_177013_6_-1
Cobl1l	1.175	2.649	-0.242	-2.285	-2.943	-0.748	-3.508	-1.955	-1.875	-2.592	319876	COBL1L	NM_177025_2_-1
Tmcc3	2.163	1.733	3.410	2.238	2.836	2.848	2.977	2.535	3.777	3.515	319880	TMCC3	NM_177026_10_+1
Dock6	0.821	-0.029	1.751	2.192	0.787	1.291	0.888	1.438	0.894	1.392	319899	DOCK6	NM_177030_9_-1
Apba1	4.116	4.348	3.272	2.849	1.997	1.868	3.199	3.146	4.368	4.482	319924	APBA1	NM_177034_19_+1
Ceacam19	-3.349	-4.981	0.350	-3.807	0.816	-3.759	1.255	-3.852	4.008	-1.760	319930	CEACAM19	NM_177036_7_-1
Trappc8	4.623	5.113	5.276	5.152	5.133	5.314	4.986	5.204	5.774	5.958	75964	TRAPPC8	NM_177038_18_-1
Flad1	5.770	5.614	5.225	5.427	5.552	5.661	5.496	5.514	5.227	5.149	319945	FLAD1	NM_177041_3_-1
Cc2d1b	4.126	4.119	4.850	4.966	4.942	4.949	4.664	4.552	5.159	4.792	319965	CC2D1B	NM_177045_4_+1
Auts2	-0.971	-2.681	-4.687	-4.221	-3.530	-3.213	-4.224	-3.159	-3.189	-3.167	319974	AUTS2	NM_177047_5_-1
Casc4	0.181	1.344	-4.287	-4.128	-4.078	-4.825	-4.561	-4.747	-4.485	-4.809	319996	CASC4	NM_177054_2_+1
A630001G21Rik	4.259	2.664	3.980	2.804	4.057	3.487	4.595	3.932	4.363	3.807	319997	NA	NM_177055_1_-1
Tmem198	-3.668	-4.981	-0.449	-0.918	-1.767	-2.579	-2.936	-2.296	-4.190	-4.981	319998	TMEM198	NM_177056_1_+1
Fstl4	-3.563	-3.408	-4.971	-4.782	-4.975	-4.846	-3.325	-3.577	-4.190	-4.981	320027	FSTL4	NM_177059_11_+1
Olfml2b	-4.981	-4.981	-2.557	-3.455	-4.952	-3.950	-4.230	-3.987	2.093	-1.631	320078	OLFML2B	NM_177068_1_+1
Relt	4.737	4.520	4.570	5.211	7.001	6.875	6.657	6.466	7.185	7.106	320100	RELT	NM_177073_7_-1
Slc38a11	-1.049	-4.981	-4.981	-4.981	-4.972	-4.872	-4.981	-4.981	-4.981	-4.981	320106	SLC38A11	NM_177074_2_-1
Fndc9	-0.703	-0.385	-0.125	-0.959	-1.554	-1.360	-1.107	-2.551	-0.932	-1.588	320116	FNDC9	NM_177075_11_+1
Fbxl13	5.831	6.548	-0.844	-1.188	-4.315	-2.511	-4.958	-2.021	-4.981	-4.981	320118	FBXL13	NM_177076_5_-1
Exoc6b	2.624	3.420	3.953	3.756	3.379	3.535	3.572	3.675	4.295	4.578	75914	EXOC6B	NM_177077_6_-1
Grk3	3.747	2.847	6.291	6.910	7.510	8.288	7.490	7.632	6.442	7.110	320129	GRK3	NM_177078_5_-1
Ptpn7	2.359	3.014	4.794	5.049	0.516	1.922	3.111	4.425	5.087	4.637	320139	PTPN7	NM_177081_1_+1
B430306N03Rik	3.779	-1.198	2.299	3.106	2.324	1.354	3.651	4.714	6.126	6.608	320148	NA	NM_177083_17_+1
Slc9a4	-4.981	-4.981	-0.661	-0.273	-3.090	-3.597	-2.350	-1.468	-0.403	0.115	110895	SLC9A4	NM_177084_1_+1
Zmat4	-4.981	-4.981	-0.968	-2.774	-3.980	-3.981	-3.506	-3.468	-4.981	-4.981	320158	ZMAT4	NM_177086_8_+1

Cep95	3.312	3.135	3.251	3.028	3.514	3.614	3.231	3.115	2.844	3.039	320162	CEP95	NM_177088_11_+1
Tacc1	5.362	5.123	5.287	4.949	5.791	5.473	5.104	5.009	5.671	5.404	320165	TACC1	NM_177089_8_-1
Fndc7	-0.116	-3.723	7.028	7.254	3.434	3.493	3.603	3.447	-1.223	-1.068	320181	FNDc7	NM_177091_3_-1
Msrb3	-3.349	-4.981	-1.701	-2.024	-2.863	-2.738	-2.897	-1.780	-2.119	-3.098	320183	MSRB3	NM_177092_10_-1
Lrrc58	5.222	5.268	5.847	5.627	5.501	5.439	5.515	5.524	6.018	6.120	320184	LRRc58	NM_177093_16_+1
Etfbkmt	1.360	1.920	1.068	0.151	0.801	1.341	0.918	1.520	2.614	2.155	320204	ETFBKMT	NM_177101_6_+1
Tmem91	-2.268	-4.981	-4.384	-4.128	-1.761	-1.372	-3.573	-4.939	-3.571	-4.981	320208	TMEM91	NM_177102_7_-1
Senp5	3.606	3.945	4.275	4.297	4.150	4.293	4.292	4.099	4.413	4.628	320213	SENP5	NM_177103_16_-1
Ccdc66	3.419	3.754	3.023	3.430	3.789	4.224	2.992	3.267	1.797	2.605	320234	CCDC66	NM_177111_14_-1
March3	-0.980	0.299	-1.340	-0.142	-0.460	0.054	-0.321	0.307	-1.502	0.598	320253	MARCH3	NM_177115_18_-1
Dlec1	-2.647	-4.981	-2.506	-2.566	-3.554	-3.027	-3.781	-3.676	-2.746	-3.853	320256	DLEC1	NM_177117_9_+1
Spef2	0.769	-0.465	-3.697	-4.906	-2.336	-0.962	-4.914	-4.213	-3.211	-2.770	320277	SPEF2	NM_177123_15_-1
Tnrc6b	2.506	2.600	1.480	1.548	2.892	2.242	2.483	2.416	3.367	2.762	213988	TNRC6B	NM_177124_15_+1
Iqcb1	4.117	4.314	3.534	3.816	3.159	3.090	2.411	2.867	0.805	0.511	320299	IQCB1	NM_177128_16_+1
Cntn2	-4.981	-1.940	-3.301	-4.093	-3.124	-4.443	-2.917	-4.444	-2.939	-2.537	21367	CNTN2	NM_177129_1_-1
Glt28d2	-4.981	-4.981	-3.582	-3.014	-3.830	-3.229	-4.807	-4.704	-4.981	-4.981	320302	NA	NM_177130_3_-1
Gnal	-2.824	-2.324	-2.928	-3.432	-3.866	-4.435	-3.317	-4.142	-2.790	-3.094	14680	GNAL	NM_177137_18_+1
Tmem251	6.774	6.625	5.833	5.721	5.528	5.593	5.572	5.709	4.948	5.079	320351	TMEM251	NM_177140_12_+1
Cenpt	2.262	2.157	2.801	2.856	2.661	2.808	2.237	3.065	1.592	2.145	320394	CENPT	NM_177150_8_-1
Vps13b	5.174	4.862	5.538	5.393	5.552	5.096	5.527	4.955	5.761	5.367	666173	VPS13B	NM_177151_15_+1
Lrig3	-1.534	-0.881	-2.472	-1.128	-1.829	-1.819	-1.388	-1.431	0.190	1.176	320398	LRIG3	NM_177152_10_+1
Klri2	2.305	4.908	3.065	2.428	5.615	6.848	4.889	3.583	0.227	-0.285	320407	NA	NM_177155_6_-1
Gchfr	-0.499	3.673	-2.592	0.269	-1.621	1.066	-2.493	0.327	-2.066	-1.533	320415	GCHFR	NM_177157_2_+1
Rinl	4.567	4.223	5.812	5.967	5.833	5.988	5.426	5.333	5.070	4.900	320435	RINL	NM_177158_7_+1
Ppm1e	3.398	4.323	-0.733	-0.289	-2.149	-1.701	-0.600	-1.241	-2.246	-1.979	320472	PPM1E	NM_177167_11_-1
Heatrs5a	1.907	2.227	4.015	3.534	4.197	3.417	5.110	4.673	5.418	4.942	320487	HEATR5A	NM_177171_12_-1
A830018L16Rik	-4.981	-4.981	-4.960	-4.960	-4.908	-3.067	-4.977	-4.979	-4.981	-4.981	320492	C8orf34	NM_177173_1_+1
Tmem215	-4.981	-4.981	-4.977	-4.977	-4.978	-4.978	-4.945	-4.905	-4.981	-4.981	320500	TMEM215	NM_177175_4_+1
Lmbrd2	0.886	1.884	1.513	1.340	1.330	1.368	0.758	1.290	0.158	2.040	320506	LMBRD2	NM_177178_15_+1
Vps13c	3.293	3.191	3.398	3.422	3.428	3.480	4.014	4.363	5.128	5.401	320528	VPS13C	NM_177184_9_+1
Ubn2	5.700	5.799	6.207	6.010	5.805	5.705	5.510	5.446	5.515	5.623	320538	UBN2	NM_177185_6_+1
Slc35e2	4.694	4.633	4.069	4.003	4.271	4.187	3.914	3.725	3.097	3.063	320541	SLC35E2B	NM_177186_4_+1
Tcp11l1	0.614	-0.386	2.532	1.796	3.017	1.348	2.858	2.144	2.699	2.698	320554	TCP11L1	NM_177190_2_-1
Sycp2	-2.842	-3.267	-3.470	-2.508	-4.528	-3.575	-3.379	-4.286	-3.750	-3.855	320558	SYCP2	NM_177191_2_-1
Dennd5b	3.909	4.067	5.085	4.972	5.212	5.492	5.074	5.120	3.437	3.445	320560	DENND5B	NM_177192_6_-1
Atp8b5	-4.981	-4.981	-4.610	-4.964	-4.651	-4.413	-2.986	-3.136	-4.981	-4.227	320571	NA	NM_177195_4_+1
Idi2	-4.981	-4.981	-2.162	-3.158	-3.453	-4.530	-2.545	-4.879	-4.981	-3.758	320581	NA	NM_177197_13_+1
Svopl	-2.573	-4.981	-3.812	-4.670	-2.397	-3.371	-3.016	-3.299	-3.738	-4.175	320590	SVOPL	NM_177200_6_-1
Phf8	0.623	-1.126	-0.202	-1.928	0.578	-1.082	0.775	0.391	1.697	1.585	320595	PHF8	NM_177201_X_+1
Ccdc169	-4.587	-4.981	-4.869	-4.949	-4.922	-4.954	-4.981	-4.980	-4.981	-4.981	320604	CCDC169	NM_177203_3_+1
Strip2	-2.795	-3.120	5.033	5.316	2.221	0.717	1.305	0.937	-1.591	-0.340	320609	STRIP2	NM_177204_6_+1
9430015G10Rik	0.090	2.218	1.551	-0.445	1.975	1.684	1.792	0.731	0.626	-0.056	230996	C1orf159	NM_177205_4_+1
Dopey1	2.931	3.068	4.656	4.098	4.301	4.356	4.148	4.046	4.416	4.576	320615	DOPEY1	NM_177208_9_+1
Snrnp200	5.561	5.468	6.126	6.198	6.470	6.296	6.400	6.322	6.595	6.625	320632	SNRNP200	NM_177214_2_+1
Ocrl	1.268	1.692	1.561	1.747	1.204	1.465	2.707	2.901	4.294	4.462	320634	OCRL	NM_177215_X_+1
Cyb5r2	-2.729	-4.981	-3.742	-4.010	-4.310	-4.742	-4.966	-4.920	-4.981	-3.969	320635	CYB5R2	NM_177216_7_-1
Cep250	2.918	1.631	2.460	0.757	1.735	1.857	1.838	1.331	3.186	1.457	16328	CEP250	NM_177217_2_+1
Casc1	-2.573	-3.219	-2.488	-2.994	-3.099	-3.510	-4.289	-4.796	-4.394	-4.981	320662	CASC1	NM_177222_6_-1
Chd9	6.124	6.279	6.122	6.068	6.816	7.278	6.019	5.986	5.221	5.649	109151	CHD9	NM_177224_8_+1
Zfp629	1.711	2.502	2.869	2.870	3.019	3.027	2.675	2.130	2.442	2.499	320683	ZNF629	NM_177226_7_-1
Ncor1	5.954	6.115	6.100	6.008	6.400	6.441	5.807	5.776	5.487	5.297	20185	NCOR1	NM_177229_11_-1
Ccdc158	-4.981	-4.981	-1.609	-2.273	-2.093	-3.442	-1.323	-2.854	-2.390	-2.271	320696	CCDC158	NM_177230_5_-1
Arrb1	-0.769	0.314	1.919	2.723	0.094	0.471	2.123	2.649	2.349	3.842	109689	ARRB1	NM_177231_7_+1
Bend6	-1.136	-2.585	-3.833	-2.002	-2.240	-0.498	-2.024	-0.327	-4.821	-0.025	320705	BEND6	NM_177235_1_-1
Mysm1	5.311	5.450	5.512	5.283	5.823	5.774	5.374	5.304	5.050	5.071	320713	MYSM1	NM_177239_4_-1
Trappc11	4.031	4.275	5.055	4.909	4.783	4.898	4.796	4.918	5.579	5.586	320714	TRAPPC11	NM_177240_8_-1
Pptc7	5.805	5.537	5.975	5.420	5.563	5.410	5.682	5.252	6.176	5.586	320717	PPTC7	NM_177242_5_+1
Slc26a9	-1.003	-0.507	-4.794	-4.934	-4.981	-4.981	-4.968	-4.975	-4.981	-4.981	320718	SLC26A9	NM_177243_1_+1
Fastkd1	3.080	2.727	2.287	0.647	1.770	0.240	1.739	0.733	2.189	0.696	320720	FASTKD1	NM_177244_2_-1
Usp47	1.661	0.875	2.414	2.273	0.764	2.269	1.947	2.133	2.014	2.892	74996	USP47	NM_177249_7_+1
Lingo4	-4.981	-4.981	-4.981	-4.981	-2.922	-0.017	-2.329	-1.822	-3.242	-4.981	320747	LINGO4	NM_177250_3_+1
Cstf3	2.825	3.643	2.932	2.846	2.758	3.025	2.782	2.705	1.349	2.386	228410	CSTF3	NM_177253_2_+1
Prdx6b	-4.981	-4.981	-3.838	-4.339	-4.913	-4.913	-4.678	-4.969	-4.981	-4.981	320769	NA	NM_177256_2_+1
Tmem154	5.642	4.253	3.156	3.551	2.763	4.286	3.557	4.094	5.739	5.347	320782	TMEM154	NM_177260_3_+1
Kndc1	-4.981	-4.981	-3.743	-0.630	0.766	-0.194	-1.699	-3.720	-4.981	-4.981	76484	KNDC1	NM_177261_7_+1
Pkn1	5.074	5.252	5.459	5.583	6.137	6.488	6.020	6.039	6.734	6.895	320795	PKN1	NM_177262_8_-1
Zhx3	2.715	3.108	1.006	1.743	1.536	1.309	0.856	1.024	0.873	1.407	320799	ZHX3	NM_177263_2_-1
Iffitm10	0.014	-2.895	-3.683	-3.382	-3.563	-3.418	-2.711	-1.968	-2.065	-4.227	320802	NA	NM_177265_7_-1
Gfm2	2.804	2.956	3.414	3.645	3.407	3.790	3.338	3.506	2.996	3.279	320806	GFM2	NM_177266_13_+1
Dcaf5	4.228	4.290	4.556	4.282	4.659	4.811	4.438	4.452	5.299	5.151	320808	DCAF5	NM_177267_12_-1
Ankrd16	3.849	4.317	4.277	4.405	4.353	4.453	4.342	4.304	4.606	4.674	320816	ANKRD16	NM_177268_2_+1
Cdkl2	-4.981	-1.249	-1.881	-2.057	-2.522	-1.146	-3.842	-4.786	-1.307	-0.668	53886	CDKL2	NM_177270_5_-1
Samd5	-4.981	-4.981	-1.465	-2.552	-4.981	-4.981	-4.964	-4.552	-4.981	-4.981	320825	SAMD5	NM_177271_10_-1
Negr1	-3.668	-1.786	-4.697	-4.965	-3.165	-2.895	-2.872	-4.435	-2.409	-4.981	320840	NEGR1	NM_177274_3_+1

Amigo3	2.070	1.049	1.883	1.578	1.567	0.850	0.795	0.232	1.887	1.853	320844	AMIGO3	NM_177275_9_+1
L3mbtl4	-4.981	-4.981	-4.938	-3.809	0.071	5.351	-3.280	-0.226	-4.981	-4.981	320858	L3MBTL4	NM_177278_17_+1
Spata33	-3.668	-4.981	-4.327	-4.952	-4.738	-4.961	-4.976	-4.900	-4.981	-3.853	320869	SPATA33	NM_177279_8_+1
Mical2	-2.625	-4.981	2.275	2.418	2.402	1.904	1.194	0.844	0.729	1.855	320878	MICAL2	NM_177282_7_+1
Nrxn1	-4.981	-2.787	-4.962	-4.008	-1.797	-1.268	-4.981	-4.981	-4.981	-4.981	18189	NRXN1	NM_177284_17_-1
Cbfa2t3	3.748	3.951	4.735	4.878	5.046	4.844	5.371	4.722	4.039	4.308	12398	CBFA2T3	NM_177289_8_-1
Itgb8	-4.981	-4.981	-4.809	-3.459	-4.684	-3.457	-4.377	-3.190	-4.981	-4.981	320910	ITGB8	NM_177290_12_-1
Mtap7d3	1.266	2.468	-1.725	-1.898	0.825	1.367	0.409	1.528	1.789	2.044	320923	MAP7D3	NM_177293_X_-1
Rpap1	-2.041	2.138	0.284	0.726	-0.090	0.966	-1.032	2.526	0.648	2.294	68925	RPAP1	NM_177294_2_-1
Tnpo3	4.710	4.712	5.974	5.785	5.603	5.349	5.589	5.614	5.935	6.071	320938	TNPO3	NM_177296_6_-1
Pisd	5.177	5.110	6.201	6.228	5.163	5.256	6.136	6.316	7.480	7.335	320951	PISD	NM_177298_5_-1
Hnrnp1	6.262	6.030	6.367	6.362	6.836	6.636	6.489	6.434	6.802	6.647	15388	HNRNP1	NM_177301_7_+1
Enpp6	-4.981	-4.981	-4.975	-4.862	-4.559	-3.409	-4.527	-2.902	-3.242	-4.981	320981	ENPP6	NM_177304_8_+1
Arl4c	1.536	0.509	3.671	2.894	6.108	5.418	5.771	5.056	4.862	5.162	320982	ARL4C	NM_177305_1_-1
Cyp4f39	-4.981	-4.981	-4.877	-4.877	-3.484	-4.836	-4.949	-4.965	-4.981	-4.981	320997	CYP4F22	NM_177307_17_+1
Xpnp3	1.707	2.198	1.997	1.181	2.244	1.713	1.807	2.074	2.819	2.725	321003	NA	NM_177310_15_+1
Serac1	2.320	0.492	0.851	-1.005	-0.787	-0.233	-0.564	-0.757	0.738	1.359	321007	SERAC1	NM_177311_17_-1
6330408A02Rik	0.120	0.842	-0.829	0.211	-0.537	-0.129	-1.448	-0.589	0.594	0.931	321008	C19orf68	NM_177312_7_-1
Zfp653	2.738	3.298	2.817	2.668	2.848	2.961	2.710	2.868	3.464	3.281	319601	ZNF653	NM_177318_9_-1
Zfyve27	2.955	2.329	2.874	2.415	2.825	3.325	2.479	2.579	3.275	2.911	319740	ZFYVE27	NM_177319_19_+1
Pik3r5	4.986	4.945	6.312	6.066	6.846	6.815	6.475	6.374	7.290	7.174	320207	PIK3R5	NM_177320_11_+1
Agtr1a	-4.981	-0.697	-2.945	-0.791	-4.961	-0.562	-2.407	-0.300	-4.981	-3.855	11607	AGTR1	NM_177322_13_+1
Rint1	3.715	3.456	2.945	3.028	2.888	3.449	2.790	3.231	2.824	3.330	72772	RINT1	NM_177323_5_+1
Sbf2	2.245	1.815	3.850	3.627	4.042	3.411	3.570	3.367	2.251	3.280	319934	SBF2	NM_177324_7_-1
Tsr1	4.440	4.505	5.154	5.267	4.590	4.503	4.282	4.538	3.495	3.292	104662	TSR1	NM_177325_11_+1
Pak2	5.898	6.134	7.048	6.953	7.216	7.205	7.253	7.025	7.252	7.562	224105	PAK2	NM_177326_16_-1
Wwp1	2.764	3.249	2.798	2.749	2.824	2.846	2.210	2.694	4.114	3.940	107568	WWP1	NM_177327_4_-1
Gen1	-0.268	0.712	-0.358	-0.224	0.581	0.221	0.631	0.150	-0.302	0.065	209334	GEN1	NM_177331_12_-1
Exoc3	5.835	6.193	5.961	6.098	6.511	6.713	6.220	6.238	6.095	6.484	211446	EXOC3	NM_177333_13_-1
D930020B18Rik	-4.981	-4.981	-4.932	-3.563	-0.925	-0.239	-3.440	-2.338	-4.981	-4.981	216393	C12orf56	NM_177335_10_+1
Arl11	4.762	4.941	3.022	3.384	3.573	3.729	4.935	4.894	5.590	5.447	219144	ARL11	NM_177337_14_+1
Hmbox1	2.522	2.674	3.200	2.944	2.957	3.227	2.455	2.288	2.952	2.876	219150	HMBOX1	NM_177338_14_-1
Synpo	-3.121	-0.896	2.467	0.246	-3.474	-4.804	-3.870	-2.364	-4.190	-4.966	104027	SYNPO	NM_177340_18_-1
Trpm3	-4.981	-4.981	-4.981	-4.981	-3.651	-4.821	-4.981	-4.981	-2.659	-4.981	226025	TRPM3	NM_177341_19_+1
Taf5	3.882	3.299	3.344	2.977	3.366	3.198	3.456	3.480	4.130	3.885	226182	TAFF5	NM_177342_19_+1
Camk1d	4.673	5.875	7.396	6.235	5.535	5.568	5.812	5.922	6.710	6.182	227541	CAMK1D	NM_177343_2_-1
Tmem203	5.289	4.943	4.122	3.914	3.967	3.986	4.324	4.085	4.036	3.836	227615	TMEM203	NM_177344_2_+1
Mapkap1	5.390	5.539	5.869	5.922	5.705	5.611	5.700	5.713	5.452	5.203	227743	MAPKAP1	NM_177345_2_+1
Gpr149	-2.842	-4.981	-4.507	-2.985	-4.871	-4.007	-4.246	-0.597	-2.834	-2.239	229357	GPR149	NM_177346_3_-1
Hykk	-1.062	-0.381	-2.526	-1.784	-0.516	-0.823	-2.698	-2.061	-2.167	-3.027	235386	HYKK	NM_177351_9_+1
Gk5	-0.962	0.791	-0.164	-1.061	-0.400	-0.946	-1.539	-0.815	-0.373	0.561	235533	GK5	NM_177352_9_+1
Slc9a7	3.654	3.767	5.092	4.856	3.948	3.894	3.386	3.953	2.939	3.230	236727	SLC9A7	NM_177353_X_-1
Vash1	-0.328	-1.055	-4.981	-4.981	-2.941	-4.981	-3.427	-4.972	-4.981	-2.954	238328	VASH1	NM_177354_12_+1
Lamp3	-0.772	-4.981	-4.970	-4.970	-4.966	-3.002	-4.972	-2.778	-4.981	-4.981	239739	LAMP3	NM_177356_16_-1
Kalrn	-3.349	-3.408	-3.250	-0.740	-2.540	-2.546	-2.119	-2.746	-1.032	-1.448	545156	KALRN	NM_177357_16_-1
Zfp945	3.787	3.797	2.927	3.356	2.477	3.041	2.529	3.197	2.615	1.956	240041	NA	NM_177358_17_-1
Zfp799	3.302	3.306	2.935	3.274	3.137	3.968	2.579	3.406	2.675	3.336	240064	ZNF799	NM_177359_17_-1
Zfp771	4.660	4.478	4.198	4.215	3.470	3.487	3.563	3.673	3.602	3.217	244216	ZNF771	NM_177362_7_+1
Tarm1	-4.981	-4.981	-2.507	-3.389	1.772	1.871	3.720	3.021	3.233	2.860	245126	TARM1	NM_177363_7_-1
Sh3pxd2b	-1.987	-2.137	5.178	4.574	-1.420	-2.032	2.279	2.498	2.909	2.787	268396	SH3PXD2B	NM_177364_11_+1
Gpr157	3.011	1.959	4.838	5.398	3.913	3.291	2.648	2.248	4.046	1.556	269604	GPR157	NM_177366_4_+1
Gemin4	2.044	1.535	1.956	1.977	2.116	1.933	2.167	1.976	2.385	1.991	276919	GEMIN4	NM_177367_11_-1
Tmtc2	0.763	0.470	1.451	0.917	1.200	1.126	0.283	-0.424	-3.925	-2.001	278279	TMT2C	NM_177368_10_-1
Rhbdd3	3.113	1.777	1.957	1.841	0.442	0.179	1.039	-0.944	0.849	1.600	279766	RHBDD3	NM_177370_11_+1
Tnfsf15	-4.981	-4.981	0.026	-0.173	0.823	0.515	1.560	0.940	-1.232	0.074	326623	TNFSF15	NM_177371_4_-1
Dna2	-1.164	-2.616	5.645	5.180	6.145	5.919	6.292	6.067	7.153	7.007	327762	DNA2	NM_177372_10_+1
Trmt61a	1.156	0.081	1.844	1.389	1.345	0.360	2.365	0.521	2.378	1.305	328162	TRMT61A	NM_177374_12_+1
Rab26	-3.090	-0.605	1.282	4.076	1.885	2.596	-0.283	-0.475	-4.981	-4.981	328778	RAB26	NM_177375_17_-1
Myo3b	-2.071	-4.981	-2.296	-3.905	-2.871	-2.027	-3.611	-4.292	-4.190	-4.981	329421	MYO3B	NM_177376_2_+1
Fam166b	-4.981	-4.981	-4.956	-4.545	-4.972	-4.806	-4.979	-4.977	-4.981	-4.981	329831	FAM166B	NM_177377_4_-1
Rnf150	-2.483	-2.600	4.294	3.288	3.513	4.891	3.520	3.818	1.815	0.998	330812	RNF150	NM_177378_8_+1
Arhgap32	-0.634	-0.148	-3.198	-2.373	-3.470	-4.411	-2.649	-1.760	-4.532	-4.487	330914	ARHGAP32	NM_177379_9_+1
Cog3	4.184	4.363	4.734	4.459	4.540	4.582	4.417	4.671	5.098	5.233	338337	COG3	NM_177381_14_-1
Cyp2r1	2.067	1.109	1.856	0.014	1.656	-0.382	1.894	0.258	1.493	-1.171	244209	CYP2R1	NM_177382_7_-1
Gpr21	-2.413	-3.267	-2.293	-3.979	-1.861	-2.104	-2.585	-3.071	-2.614	-1.263	338346	GPR21	NM_177383_2_+1
Ttc16	-4.774	-4.499	-4.938	-4.938	-4.956	-4.979	-4.981	-4.980	-4.981	-4.895	338348	TTC16	NM_177384_2_-1
Cntln	-0.939	-2.740	0.029	0.758	0.639	1.019	0.487	-0.914	-2.417	-1.240	338349	CNTLN	NM_177385_4_+1
Sfmbt2	-4.981	-3.176	-4.951	-3.510	-1.984	-0.393	-2.664	-2.758	-4.254	-0.835	353282	SFMBT2	NM_177386_2_+1
Ust	1.708	0.642	4.023	3.779	2.630	0.703	2.922	3.160	0.870	1.402	338362	UST	NM_177387_10_-1
Slc41a2	6.820	7.107	3.560	3.658	-1.091	0.979	-1.455	1.096	-0.315	0.094	338365	SLC41A2	NM_177388_10_-1
Mia3	5.908	5.894	6.090	6.215	6.036	6.098	5.976	5.952	6.454	6.613	338366	MIA3	NM_177389_1_-1
Myo1d	-4.981	-2.997	-3.319	1.705	-4.333	0.221	0.508	1.599	-0.949	-0.212	338367	MYO1D	NM_177390_11_-1
Fam109b	0.603	-0.145	1.531	1.484	1.078	1.558	2.527	2.253	3.146	2.419	338368	FAM109B	NM_177391_15_+1
Tmem220	-4.689	-4.398	-4.379	-3.462	-4.659	-4.900	-4.585	-4.868	-4.755	-4.844	338369	TMEM220	NM_177392_11_+1

Endov	1.285	2.298	1.016	1.126	0.352	0.965	1.806	0.534	0.550	2.201	338371	ENDO	NM_177394_11_+_1
Map3k9	-3.401	-3.054	-0.716	-2.207	-1.207	-3.773	-4.206	-3.367	-2.407	-0.390	338372	MAP3K9	NM_177395_12_-_1
Ifnl3	-4.981	-4.981	-4.953	-4.953	-4.973	-4.973	-4.981	-4.981	-4.981	-4.981	338374	IFNL3	NM_177396_7_+_1
Atp6v1g3	-4.981	-1.086	-4.969	-3.705	-4.182	-4.822	-4.521	-4.816	-3.738	-4.981	338375	ATP6V1G3	NM_177397_1_+_1
Camk2a	-4.981	-4.852	-4.884	-4.966	-4.979	-4.979	-4.887	-4.968	-4.981	-4.968	12322	CAMK2A	NM_177407_18_+_1
Tram2	1.864	2.217	0.922	1.853	0.076	1.606	0.574	2.240	1.081	2.458	170829	TRAM2	NM_177409_1_-_1
Bcl2	1.834	2.600	2.529	2.997	3.312	3.397	4.167	4.277	4.363	3.241	12043	BCL2	NM_177410_1_-_1
Rab5b	3.838	3.556	4.620	4.290	5.039	4.661	4.897	3.845	5.941	5.110	19344	RAB5B	NM_177411_10_-_1
Tmcc1	2.647	2.713	3.421	2.878	3.267	3.083	4.794	4.848	7.117	7.011	330401	TMCC1	NM_177412_6_-_1
Psat1	3.962	3.318	3.948	4.137	3.543	3.037	3.322	3.561	2.953	2.353	107272	PSAT1	NM_177420_19_-_1
Ofd1	3.436	3.671	3.878	3.904	3.934	3.859	3.431	3.320	2.957	3.018	237222	OFD1	NM_177429_X_-_1
Dars	6.823	6.656	7.030	7.145	6.578	6.565	6.467	6.639	6.134	6.003	226414	DARS	NM_177445_1_-_1
Mogat2	-4.981	-4.981	-4.981	-4.981	-4.967	-3.186	-4.726	-1.971	1.309	-4.981	233549	MOGAT2	NM_177448_7_-_1
Lrrc29	1.632	0.827	0.451	0.703	0.679	0.538	1.025	0.799	1.711	1.354	234684	LRRC29	NM_177449_8_-_1
Cndp1	-4.981	-4.981	-4.981	-4.981	-4.980	-4.969	-4.951	-4.930	-3.750	-2.102	338403	CNDP1	NM_177450_18_-_1
Parp16	1.884	2.540	-1.020	0.253	-1.734	-0.299	0.318	1.062	1.334	0.821	214424	PARP16	NM_177460_9_+_1
Mical1	3.454	3.340	4.203	4.250	3.974	3.832	3.392	3.479	3.368	3.185	27008	MICALL1	NM_177461_15_+_1
Zmym6	-2.451	-2.204	0.973	0.366	0.285	1.522	1.088	-0.184	2.247	1.510	100177	ZMYM6	NM_177462_4_+_1
R3hcc1l	4.205	4.340	5.081	4.758	5.100	4.722	4.908	4.857	5.187	5.371	52013	R3HCC1L	NM_177464_19_+_1
Umodl1	-4.981	-4.981	-4.487	-4.984	-3.821	-4.989	-4.971	-3.416	-2.501	-4.981	52020	UMODL1	NM_177465_17_+_1
Rab11fip5	3.031	2.862	1.900	1.579	0.881	0.335	2.196	2.096	3.922	3.769	52055	RAB11FIP5	NM_177466_6_-_1
Acaa2	5.576	6.180	5.166	5.620	5.094	5.757	5.807	6.468	6.977	7.016	52538	ACAA2	NM_177470_18_+_1
Ccdc69	5.783	5.672	6.302	5.448	5.987	5.807	5.807	5.713	4.744	4.832	52570	NA	NM_177471_11_-_1
Slx4	2.394	1.947	2.693	2.442	2.884	2.575	2.594	2.571	2.714	2.901	52864	SLX4	NM_177472_16_-_1
Tmem191c	3.635	3.717	1.852	1.338	1.356	1.605	1.911	1.402	1.157	0.936	224019	NA	NM_177473_16_+_1
Pum3	5.803	6.036	6.211	6.242	5.666	5.844	5.591	5.797	5.351	5.220	52874	PUM3	NM_177474_19_-_1
Zfp280b	2.072	2.356	3.121	3.077	4.039	4.360	3.287	3.973	3.228	3.145	64453	ZNF280B	NM_177475_10_+_1
Vangl1	-2.178	1.138	-4.955	-0.868	-4.558	0.952	-3.187	-0.091	-4.981	-2.609	229658	VANGL1	NM_177545_3_-_1
Pcyt1b	-4.981	-4.981	-2.414	-1.380	0.833	2.425	-0.094	-0.325	-1.559	-1.284	236899	PCYT1B	NM_177546_X_+_1
Sgk3	2.619	5.331	4.226	5.944	3.571	5.866	3.646	6.171	5.169	7.681	170755	C8orf44-SGK3 SGK	NM_177547_1_+_1
Usp46	2.977	3.026	2.794	2.868	1.663	2.373	2.447	2.869	2.825	2.868	69727	USP46	NM_177561_5_-_1
Clec16a	0.089	0.113	-2.168	-2.952	-2.848	-3.046	-3.341	-3.843	-1.021	-1.681	74374	CLEC16A	NM_177562_16_+_1
Dhrs11	4.099	4.121	3.439	4.120	3.031	3.970	3.130	4.117	3.551	3.620	192970	DHRS11	NM_177564_11_-_1
Zfp3	3.772	2.805	3.100	3.154	3.237	3.463	2.458	2.468	2.190	1.854	193043	ZFP3	NM_177565_11_+_1
Arhgef15	-2.784	-4.981	-1.861	-3.410	-2.963	-3.673	-3.160	-4.220	-3.925	-4.316	442801	ARHGEF15	NM_177566_11_-_1
BC049762	-1.853	-1.131	-1.681	-2.686	-4.424	-4.499	-4.777	-3.800	-3.471	-2.733	193286	NA	NM_177567_11_-_1
Plcb2	5.782	4.941	6.485	6.511	6.321	6.420	5.637	5.661	4.715	4.476	18796	PLCB2	NM_177568_2_-_1
Slfnl1	-4.981	-4.981	-4.982	-4.056	-4.868	-4.186	-4.597	-4.887	-4.981	-3.498	194219	SLFNL1	NM_177570_4_+_1
Rimk1a	-4.981	-4.981	-1.999	-1.678	-4.219	-4.176	-4.964	-2.042	-4.981	-4.981	194237	RIMK1A	NM_177572_4_-_1
9930104L06Rik	3.061	3.126	3.062	2.667	3.463	3.366	3.499	2.818	3.226	2.555	194268	C1orf109	NM_177573_4_+_1
Vps37d	-0.809	-4.981	-3.494	-3.170	-4.404	-4.030	-4.192	-3.739	-3.925	-4.342	194309	VPS37D	NM_177574_5_-_1
Skint3	-4.981	-4.981	0.949	-4.799	4.736	-4.869	6.679	-4.746	5.113	-4.981	195564	NA	NM_177578_4_+_1
Baiap2l2	-4.981	-4.981	-4.981	-4.981	-4.532	-4.636	-4.981	-4.460	-4.981	-4.981	207495	BAIAP2L2	NM_177580_15_-_1
Mlxip	4.885	4.909	4.956	4.746	4.750	4.687	4.212	4.559	4.794	4.222	208104	MLXIP	NM_177582_5_+_1
Aph1b	2.769	3.285	4.581	4.491	3.245	3.029	3.744	3.782	4.594	4.732	208117	APH1B	NM_177583_9_-_1
Btla	5.051	6.132	7.848	8.356	5.173	6.639	4.712	4.929	4.455	1.811	208154	BTLA	NM_177584_16_+_1
Eif5a2	3.108	2.771	2.647	1.852	3.038	2.246	2.929	2.712	3.020	3.102	208691	EIF5A2	NM_177586_3_+_1
Aqp12	-4.174	-4.981	-4.415	-4.446	-3.785	-4.721	-3.323	-4.417	-2.848	-4.177	208760	AQP12A AQP12B	NM_177587_1_+_1
Thns1l	2.994	3.243	2.400	2.249	2.846	2.956	1.782	1.981	2.001	2.545	208967	THNS1L	NM_177588_2_+_1
Ulk4	-0.677	-4.981	-0.769	-2.755	-0.721	-1.965	-1.174	-2.717	-3.531	-3.209	209012	ULK4	NM_177589_9_-_1
Tmem164	3.273	3.447	4.038	3.892	4.600	4.537	5.487	5.400	7.073	7.165	209497	TMEM164	NM_177592_X_+_1
Gm4763	-4.981	-4.981	-4.924	-4.924	-4.976	-4.932	-4.864	-3.779	-3.582	1.619	210155	NA	NM_177593_7_-_1
Mtmr9	2.943	2.597	3.313	3.391	3.242	3.140	3.233	3.148	3.949	4.075	210376	MTMR9	NM_177594_14_-_1
Zfp947	1.652	1.706	-0.827	-1.737	-1.197	-2.020	0.555	-0.105	1.739	2.276	210853	NA	NM_177596_17_-_1
Ccdc73	-2.863	-3.158	-2.832	-3.582	-2.580	-3.801	-2.691	-4.608	-2.727	-2.512	211936	CCDC73	NM_177600_2_+_1
Tmem60	6.471	6.377	5.198	4.930	5.074	5.247	5.248	5.119	4.569	4.582	212090	TMEM60	NM_177601_5_+_1
Wdr25	2.029	2.248	1.114	1.489	1.229	1.356	1.142	1.127	1.472	1.460	212198	WDR25	NM_177602_12_+_1
Frat2	1.971	1.555	1.967	2.126	2.664	3.195	3.412	3.640	5.038	4.153	212398	FRAT2	NM_177603_19_-_1
AA986860	-1.798	-0.922	-2.850	-2.866	-2.943	-1.262	-1.723	-1.978	-1.153	0.068	212439	C1orf116	NM_177604_1_+_1
Plekhh2	1.480	1.413	-4.696	-3.716	-4.981	-4.981	-4.968	-4.949	-3.738	-3.165	213556	PLEKHH2	NM_177606_17_+_1
4933430117Rik	-1.185	-1.905	-1.380	-0.207	-3.089	-3.469	-2.089	-2.682	-4.981	-3.498	214106	C9orf43	NM_177607_4_+_1
Secisbp2l	5.967	6.165	6.045	6.129	5.835	5.819	5.581	5.695	5.856	5.827	70354	SECISBP2L	NM_177608_2_-_1
Psd4	4.658	4.629	5.477	5.603	5.913	5.723	5.721	5.605	5.712	5.976	215632	PSD4	NM_177611_2_+_1
Cdc34	5.403	5.212	5.243	5.286	5.299	5.195	5.332	5.193	5.337	4.818	216150	CDC34	NM_177613_10_+_1
Os9	6.130	5.583	5.648	5.307	5.761	5.290	5.961	4.944	6.256	5.081	216440	OS9	NM_177614_10_-_1
Slc26a10	-2.925	-4.981	-2.946	-3.533	-1.084	-2.851	-2.022	-3.151	-0.837	-1.378	216441	NA	NM_177615_10_-_1
Ccdc157	-3.387	-2.983	-4.174	-4.561	-4.555	-4.885	-4.221	-4.633	-3.783	-4.120	216516	CCDC157	NM_177616_11_-_1
Kat7	-0.687	-1.396	-3.791	-2.639	-3.141	-4.957	-3.703	-4.827	0.404	-1.306	217127	KAT7	NM_177619_11_-_1
Rin3	-2.944	0.963	5.258	5.344	4.845	5.479	6.127	6.243	5.506	6.026	217835	RIN3	NM_177620_12_+_1
Zfp595	2.496	2.229	2.274	1.938	2.655	2.140	2.475	1.387	2.091	2.527	218314	ZNF595	NM_177622_13_-_1
Ttc5	3.127	2.984	3.985	2.675	3.671	3.360	3.131	2.985	3.370	3.090	219022	TTC5	NM_177625_14_-_1
Fam167a	-3.563	-4.981	-0.450	-0.123	0.528	1.923	-1.931	-0.678	-4.394	-2.480	219148	FAM167A	NM_177628_14_+_1
Ldoc1l	3.768	4.237	3.013	2.986	1.366	2.564	1.735	2.354	2.394	2.351	223732	LDOC1L	NM_177630_15_-_1
BC048502	-4.981	-4.981	-4.981	-4.981	-4.276	-2.288	-4.936	-4.906	-4.981	-4.981	223927	NA	NM_177631_15_-_1

Fam43a	6.308	2.190	1.961	2.187	4.929	3.899	4.594	4.273	5.207	4.752	224093	FAM43A	NM_177632_16_+1
Ubxn7	3.643	4.146	4.005	4.260	4.313	4.548	3.834	4.201	4.025	4.810	224111	UBXN7	NM_177633_16_+1
Crb3	-0.590	-0.393	-0.574	0.140	-2.776	-2.582	-2.094	-1.210	-3.750	-4.316	224912	NA	NM_177638_17_+1
Dlgap1	-4.981	-4.981	-4.971	-4.976	-4.971	-4.971	-4.981	-4.981	-4.882	-4.981	224997	DLGAP1	NM_177639_17_+1
D030056L22Rik	4.875	4.970	4.139	4.035	4.035	3.847	4.024	3.785	3.238	3.215	225995	C9orf40	NM_177640_19_+1
Zfp281	4.063	3.874	4.024	4.295	3.954	4.038	4.025	4.169	4.375	4.206	226442	ZNF281	NM_177643_1_+1
Rasal2	1.732	2.916	2.998	3.355	5.375	5.044	3.860	3.062	0.122	3.013	226525	RASAL2	NM_177644_1_-1
Kansl1l	3.882	4.499	2.298	2.504	2.404	3.062	2.819	2.437	2.570	2.879	68691	KANSL1L	NM_177645_1_-1
Dgkd	5.768	6.306	4.145	4.118	5.740	5.886	5.766	6.077	6.633	6.797	227333	DGKD	NM_177646_1_+1
Cdnf	0.053	-0.435	-1.837	-1.170	-1.659	-1.329	-1.421	-1.601	-3.153	-1.216	227526	CDNF	NM_177647_2_+1
Dolk	4.100	3.840	3.774	3.797	3.397	3.389	3.331	3.865	4.301	4.176	227697	DOLK	NM_177648_2_-1
Ryr3	-1.081	-2.681	-2.732	-0.035	7.347	8.886	1.919	3.362	-2.724	-2.026	20192	RYR3	NM_177652_2_-1
F830045P16Rik	-4.981	-4.981	-4.675	-4.966	-1.073	1.456	-2.597	-2.077	-4.981	-3.386	228592	NA	NM_177653_2_-1
6820408C15Rik	-1.054	-2.768	-4.206	-3.674	-3.993	-4.335	-3.793	-4.590	-3.754	-4.981	228778	C20orf96	NM_177656_2_+1
Zbtb10	4.863	6.006	2.295	2.452	3.270	3.648	2.495	2.442	-2.957	0.288	229055	ZBTB10	NM_177660_3_+1
Ctso	8.134	8.076	5.654	5.976	6.711	7.039	6.242	6.483	5.497	6.247	229445	CTSO	NM_177662_3_+1
Isg20l2	3.747	3.940	4.254	4.263	4.146	4.143	4.379	4.213	4.678	4.612	229504	ISG20L2	NM_177663_3_+1
Plppr4	-2.686	-1.745	-0.520	1.702	-4.380	-0.606	-1.739	-0.233	-1.977	1.994	229791	PLPPR4	NM_177664_3_-1
Tmem69	4.292	4.552	4.755	4.387	4.695	5.037	4.608	4.467	3.831	3.715	230657	TMEM69	NM_177670_4_-1
Tmem201	0.472	1.228	-0.494	-0.229	0.355	0.766	0.054	0.211	-1.476	-1.183	230917	TMEM201	NM_177672_4_-1
Cep104	2.350	2.792	2.278	2.125	2.341	2.219	1.741	1.663	3.319	3.340	230967	CEP104	NM_177673_4_+1
Cfap74	-1.326	-4.981	-0.982	-4.919	-0.686	-4.710	-1.987	-4.918	-0.373	-3.498	544678	CFAP74	NM_177674_4_+1
Ablim2	-4.981	-4.232	-4.772	-4.815	-4.898	-4.956	-3.836	-4.875	-4.593	-2.761	231148	ABLIM2	NM_177678_5_+1
Ythdc1	5.885	6.021	5.771	5.683	6.092	6.150	6.063	5.805	5.283	5.708	231386	YTHDC1	NM_177680_5_+1
Zfp12	0.851	-1.209	-3.033	0.136	0.629	0.918	1.650	-1.156	0.154	0.374	231866	ZNF12	NM_177681_5_+1
Ccz1	6.565	6.622	6.441	6.540	6.479	6.579	6.452	6.422	6.206	6.332	231874	CCZ1 CCZ1B	NM_177682_5_-1
Vgll4	5.932	5.025	4.287	4.475	4.063	3.789	4.425	4.467	4.402	4.090	232334	VGLL4	NM_177683_6_-1
Zfp637	5.104	5.466	3.992	3.984	4.023	4.059	3.897	4.050	3.578	3.648	232337	ZNF32	NM_177684_6_+1
Clec12a	10.185	9.929	8.315	7.427	4.566	2.803	7.861	7.271	8.905	7.486	232413	CLEC12A	NM_177686_6_+1
Crebl2	1.634	1.484	2.811	1.936	3.508	3.013	2.915	2.774	2.770	2.798	232430	CREBL2	NM_177687_6_+1
H2afj	7.823	7.384	6.424	7.404	6.796	7.629	7.507	7.855	7.531	7.651	232440	H2AFJ	NM_177688_6_+1
Ppm1n	-0.200	-1.340	-1.988	-0.820	-0.009	-1.352	-0.413	-0.090	-2.377	-2.750	232941	PPM1N	NM_177691_7_-1
Bloc1s3	3.208	3.031	3.677	3.432	3.395	3.050	3.711	3.345	4.664	4.240	232946	BLOC1S3	NM_177692_7_-1
Tmc3	0.460	0.045	-0.486	-1.210	-0.553	-0.679	-0.953	-0.355	-2.358	-1.521	233424	TMC3	NM_177695_7_+1
Vwa3a	-4.981	-4.981	-0.475	-1.438	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	233813	VWA3A	NM_177697_7_+1
Psd3	1.257	1.264	0.391	-0.833	-2.301	-1.569	-1.191	-0.196	-1.791	-1.368	234353	PSD3	NM_177698_8_-1
Fhod1	1.922	2.992	2.677	2.985	3.497	3.627	3.797	3.580	2.735	3.076	234686	NA	NM_177699_8_-1
Atmin	3.957	3.461	5.210	5.450	4.262	4.337	4.817	4.830	5.813	5.617	234776	ATMIN	NM_177700_8_+1
Gm4922	-4.981	-4.981	-4.968	-4.968	-4.960	-4.960	-4.747	-4.806	-4.981	-4.981	237300	NA	NM_177706_10_-1
Stac3	-2.268	-2.365	-2.412	-2.716	-1.596	-3.105	-2.733	-3.821	-2.946	-3.797	237611	STAC3	NM_177707_10_+1
Rtn4rl1	4.814	4.631	2.316	1.590	3.467	3.439	1.657	1.453	-0.059	-1.102	237847	RTN4RL1	NM_177708_11_+1
Ssh2	3.695	3.216	3.980	3.227	4.840	5.052	5.915	5.611	7.519	7.774	237860	SSH2	NM_177710_11_+1
Zfp874a	2.004	2.428	2.721	2.314	1.554	1.532	2.508	2.697	3.604	3.285	238692	NA	NM_177712_13_-1
Gapt	8.435	9.163	1.085	1.340	4.230	4.357	4.198	4.505	5.778	5.846	238875	GAPT	NM_177713_13_-1
Kctd12	8.520	8.916	7.633	7.206	6.049	6.210	7.237	7.301	6.742	7.757	239217	KCTD12	NM_177715_14_-1
Ccdc184	-0.323	-4.981	-3.622	-2.195	-3.099	-1.602	-2.193	-2.937	-4.981	-4.981	239650	CCDC184	NM_177716_15_+1
Mb21d2	-3.843	-2.600	-4.826	-3.675	-4.984	-3.363	-4.891	-2.950	-4.981	-1.160	239796	MB21D2	NM_177718_16_-1
Ranbp6	3.451	3.228	3.375	3.459	3.390	3.495	3.365	3.396	4.035	4.397	240614	RANBP6	NM_177721_19_-1
Mcmcdc2	-4.981	-2.068	-1.992	-2.282	-1.765	-3.184	-2.714	-3.939	-0.571	-1.339	240697	MCMDC2	NM_177722_1_+1
Vsig8	-4.981	-4.981	-4.972	-4.968	-4.955	-4.604	-4.895	-4.972	-4.978	-4.981	240916	VSIG8	NM_177723_1_+1
Lrrc8a	4.248	3.812	3.029	3.041	2.913	2.930	3.455	3.408	3.320	3.173	241296	LRRC8A	NM_177725_2_+1
Tgm6	-4.860	-4.981	-4.713	-2.586	-4.595	-4.150	-4.889	-4.960	-4.981	-4.967	241636	TGM6	NM_177726_2_+1
Lsm14b	1.320	0.973	2.072	1.116	1.628	1.062	2.042	1.286	2.450	2.402	241846	LSM14B	NM_177727_2_+1
Impad1	4.768	4.491	4.561	4.363	4.753	4.715	4.540	4.617	4.925	5.106	242291	IMPAD1	NM_177730_4_-1
Slc35d1	0.012	1.202	1.830	1.896	1.647	1.997	1.856	2.143	2.670	3.016	242585	SLC35D1	NM_177732_4_-1
E2f2	-4.981	-2.060	-0.246	0.643	3.023	2.546	3.974	1.291	6.739	4.243	242705	E2F2	NM_177733_4_+1
Lrrc61	-0.375	0.357	2.495	1.551	2.340	1.221	2.416	1.441	2.030	1.735	243371	LRRC61	NM_177736_6_+1
Zfp507	2.095	1.144	-3.197	-0.849	-1.012	0.444	-0.341	1.432	-0.490	-0.972	668501	ZNF507	NM_177739_7_-1
Ppp1r3b	1.000	2.301	-1.672	0.925	-0.585	1.136	1.267	1.953	3.092	3.845	244416	PPP1R3B	NM_177741_8_+1
Fam198a	-4.981	-4.981	-4.975	-2.060	-3.427	-1.972	-4.976	-3.677	-4.981	-2.481	245050	FAM198A	NM_177743_9_+1
Awat2	-1.961	-4.981	-3.238	-4.255	-2.112	-4.190	-4.011	-4.935	-4.981	-4.981	245532	AWAT2	NM_177746_X_-1
Eme1	-0.304	-0.955	1.201	1.179	2.010	1.079	1.444	0.670	0.699	0.158	268465	EME1	NM_177752_11_-1
Colgalt2	-2.842	-4.981	-3.742	-4.183	-4.964	-4.515	-2.498	-2.104	-4.981	-4.981	269132	COLGALT2	NM_177756_1_+1
Zscan20	2.277	0.851	1.992	1.863	1.929	1.899	1.394	0.825	1.181	1.068	269585	ZSCAN20	NM_177758_4_-1
Aak1	3.126	3.096	1.739	0.887	2.286	1.476	1.907	-0.337	2.445	0.702	269774	AAK1	NM_177762_6_+1
Lhfp14	-1.743	-0.760	0.635	-0.529	-1.446	-2.470	-2.123	-4.028	-3.531	-4.981	269788	LHFP14	NM_177763_6_-1
Vmn2r57	-4.981	-4.981	-4.285	-4.969	-4.063	-4.955	-4.981	-4.981	-3.109	-4.981	269902	NA	NM_177764_7_-1
Ttl13	-0.874	-1.949	-4.828	-4.856	-4.680	-4.258	-3.793	-3.485	-3.750	-2.461	269954	NA	NM_177765_7_+1
Slc35e1	4.039	4.076	5.408	5.196	5.111	4.931	5.434	5.394	6.826	6.469	270066	SLC35E1	NM_177766_8_-1
Ogfod1	2.924	3.142	3.223	3.370	3.120	3.083	2.707	2.736	2.711	3.069	270086	OGFOD1	NM_177767_8_+1
Klhl18	3.485	3.727	4.681	4.453	5.282	5.545	4.752	4.218	4.507	4.595	270201	KLHL18	NM_177771_9_-1
Bpifc	-3.563	-4.981	-4.456	-4.211	-3.165	-2.377	-4.113	-1.987	-2.450	-4.981	270757	BPIFC	NM_177772_10_-1
Srsf12	-4.981	-4.981	-4.989	-4.989	-3.227	-4.108	-4.560	-4.885	-4.981	-2.647	272009	NA	NM_177774_4_+1
Esyt3	-3.563	-0.874	3.221	1.356	-0.282	1.136	-0.235	-2.458	-2.434	-3.816	272636	ESYT3	NM_177775_9_-1

Smtnl2	-4.981	-3.267	-1.529	-1.878	-2.645	-4.614	-4.518	-3.654	-3.502	-2.690	276829	SMTNL2	NM_177776_11_-1
D11Wsu47e	3.479	3.398	3.418	3.251	3.588	3.601	3.205	3.046	3.106	3.221	276852	C17orf80	NM_177777_11_+1
Arm7c	3.135	3.756	4.806	4.556	4.341	4.574	4.810	4.676	5.017	4.872	276905	ARMC7	NM_177778_11_+1
Dock5	-1.068	-1.663	6.896	6.757	6.153	6.618	5.857	5.707	5.635	5.490	68813	DOCK5	NM_177780_14_-1
Trpa1	0.733	2.834	-4.981	-4.981	-4.981	-4.981	-4.965	-4.953	-4.981	-2.349	277328	TRPA1	NM_177781_1_-1
Prex1	4.797	4.790	6.810	6.866	7.665	7.530	7.530	7.519	8.368	8.571	277360	PREX1	NM_177782_2_-1
Ubr3	3.089	3.450	3.380	3.288	3.540	3.463	3.529	3.268	3.300	3.963	68795	UBR3	NM_177783_2_+1
Klhl23	-2.686	-2.349	1.580	1.502	0.638	0.506	0.300	0.671	1.219	0.678	277396	KLHL23 PHOSPHO	NM_177784_2_+1
Depdc5	-0.896	-0.511	-0.823	-0.608	1.481	0.133	0.934	0.244	1.815	2.231	277854	DEPDC5	NM_177786_5_+1
Exoc3l	-1.334	0.057	-1.813	-1.239	-1.746	-2.218	-1.752	-1.178	-0.936	-1.812	277978	EXOC3L1	NM_177788_8_-1
Vsig4	1.853	-4.981	-3.069	-4.976	-2.489	-4.966	-3.230	-4.894	-2.605	-4.981	278180	VSIG4	NM_177789_X_-1
Zfp385c	0.853	0.555	-1.825	-3.537	-2.094	-3.148	-0.443	0.375	0.966	1.409	278304	LOC100507656	NM_177790_11_-1
Kctd19	-4.981	-4.981	-4.502	-4.452	-4.841	-4.978	-4.744	-4.881	-4.981	-4.981	279499	KCTD19	NM_177791_8_-1
Tmem26	1.235	-1.756	-0.514	0.092	0.988	0.113	3.593	3.843	3.406	3.060	327766	TMEM26	NM_177794_10_+1
Frs2	3.321	3.387	3.549	3.700	3.708	3.715	3.924	3.522	4.473	4.647	327826	FRS2	NM_177798_10_-1
Spata32	-4.981	-4.981	-4.516	-4.981	-4.978	-4.978	-4.947	-4.964	-4.981	-4.981	328019	SPATA32	NM_177801_11_-1
Fam179b	4.731	5.011	4.792	4.725	4.794	4.938	4.252	4.256	4.727	4.676	328108	FAM179B	NM_177805_12_+1
Prpf39	5.983	6.022	5.883	5.828	6.055	6.206	5.904	5.875	5.386	5.711	328110	PRPF39	NM_177806_12_+1
Zfp459	0.605	1.288	1.899	0.094	0.895	0.209	0.480	-0.352	-1.318	-0.212	328274	NA	NM_177811_13_-1
Rft1	4.073	3.733	3.509	3.530	3.778	3.736	3.786	3.771	4.753	4.076	328370	RFT1	NM_177815_14_+1
Sh2d4b	-4.981	-3.267	-3.824	-4.157	-3.597	-4.698	-4.504	-4.532	-3.322	-2.429	328381	SH2D4B	NM_177816_14_-1
Apol10b	-1.529	-4.981	4.684	2.368	2.157	-4.447	1.182	-3.339	-3.109	-4.981	328561	NA	NM_177820_15_-1
Ep300	5.070	5.056	5.727	5.674	6.240	6.157	6.152	6.124	6.706	6.892	328572	EP300	NM_177821_15_+1
Ubash3a	0.284	-1.296	-1.214	-1.631	-2.448	-0.896	-0.906	0.686	0.230	-2.629	328795	UBASH3A	NM_177823_17_+1
9830107B12Rik	-0.161	0.862	-4.903	-1.036	-4.128	-4.857	-2.454	-0.589	-0.278	1.071	328829	NA	NM_177824_17_-1
Arhgef37	-4.981	-4.981	-4.957	-4.046	-4.880	-4.957	0.063	0.292	6.935	5.549	328967	ARHGEF37	NM_177828_18_-1
Spink10	-1.504	-1.140	-1.770	-3.420	-2.330	-2.936	-2.639	-3.146	-1.952	-2.371	328971	NA	NM_177829_18_+1
Zfp236	5.000	5.051	4.577	4.545	5.015	5.036	4.855	4.866	4.503	4.533	329002	ZNF236	NM_177832_18_-1
Lcmt2	3.948	4.140	3.838	3.500	3.777	3.385	3.605	3.625	3.602	3.078	329504	LCMT2	NM_177846_2_-1
Dido1	-0.581	0.892	1.239	-0.591	1.227	1.307	0.464	0.081	1.148	0.698	23856	DIDO1	NM_177852_2_-1
Med12l	1.497	1.444	0.791	0.455	-2.433	-1.296	-0.673	-0.178	-0.108	0.253	329650	MED12L	NM_177855_3_+1
E130311K13Rik	4.018	4.106	2.917	2.336	3.098	3.226	2.596	2.245	1.495	1.533	329659	C3orf33	NM_177856_3_-1
Dennd2c	-0.115	-0.355	2.230	2.207	0.538	1.472	1.424	2.029	2.318	2.767	329727	DENND2C	NM_177857_3_+1
Tmem67	2.852	2.868	3.228	3.178	1.285	1.142	1.620	2.187	3.155	3.451	329795	TMEM67	NM_177861_4_-1
Spata21	-4.981	-4.981	-4.508	-4.821	-4.842	-4.898	-4.852	-4.817	-4.190	-4.227	329972	SPATA21	NM_177867_4_+1
Fhad1	-1.922	-3.267	2.954	2.642	2.020	1.115	0.901	-0.598	-3.088	-2.601	329977	FHAD1	NM_177868_4_-1
Fam185a	2.565	2.608	2.022	2.734	1.242	1.946	1.135	1.559	1.068	0.469	330050	FAM185A	NM_177869_5_+1
Slc5a6	-3.921	-3.224	-4.089	-4.555	-2.631	-4.925	-3.941	-4.778	-1.858	-4.757	330064	SLC5A6	NM_177870_5_-1
Adamts3	-4.981	-4.981	-1.330	-2.404	-1.456	-1.137	-2.592	-3.169	-1.702	-0.886	330119	ADAMTS3	NM_177872_5_-1
Hfm1	0.501	-0.240	-2.111	-3.608	-2.602	-3.568	-4.972	-3.885	-4.981	-4.981	330149	HFM1	NM_177873_5_-1
Vps37b	4.410	4.591	3.921	3.875	3.647	2.961	4.995	5.329	6.373	6.039	330192	VPS37B	NM_177876_5_-1
Mblac1	1.499	3.133	2.165	3.350	1.943	3.312	2.080	2.812	2.276	2.249	330216	MBLAC1	NM_177878_5_+1
Sdk1	-4.981	-0.910	-4.771	-4.934	-1.503	-1.375	-4.077	-4.648	-4.981	-4.981	330222	SDK1	NM_177879_5_+1
Zfp786	-4.981	-4.981	-4.910	-2.258	-4.816	-4.933	-4.962	-4.868	-4.981	-4.981	330301	ZNF786	NM_177882_6_-1
Fam188b	-4.981	-2.106	-3.066	-4.520	-4.482	-3.698	-2.997	-4.749	-1.657	-4.865	330323	FAM188B	NM_177883_6_+1
Gcfc2	1.793	2.725	2.043	2.300	2.241	2.368	1.704	2.199	2.338	2.095	330361	GFCF2	NM_177884_6_+1
Tmem150b	-4.981	-4.981	2.838	1.949	3.512	2.905	3.339	2.194	2.427	1.524	330460	TMEM150B	NM_177887_7_-1
Zfp78	-0.394	-2.514	-2.884	-2.004	-1.854	-1.706	-4.175	-2.955	-4.637	-4.924	330463	ZNF471	NM_177888_7_+1
Zfp82	2.941	2.288	2.267	0.997	1.547	1.485	1.579	0.579	0.227	0.606	330502	ZFP82	NM_177889_7_-1
Fan1	2.790	2.674	1.643	1.564	2.637	2.505	1.998	1.920	1.397	0.779	330554	FAN1	NM_177893_7_-1
Saxo2	-2.164	-0.606	-4.178	-4.979	-4.954	-3.909	-4.967	-4.594	-4.981	-4.981	330577	SAXO2	NM_177894_7_-1
B4galnt4	-3.090	-4.981	-2.453	-3.493	-3.067	-4.869	-3.720	-2.883	-0.517	-3.191	330671	B4GALNT4	NM_177897_7_+1
Nek5	-3.668	-4.981	-3.641	-4.245	-4.618	-4.979	-4.753	-4.886	-3.750	-2.988	330721	NEK5	NM_177898_8_-1
Zfp866	4.129	4.281	4.433	4.298	4.768	4.558	4.453	4.183	4.528	4.329	330788	NA	NM_177899_8_-1
Piwil4	-2.215	-1.535	-1.293	-1.631	-0.231	-0.767	-0.710	-1.891	-2.712	-3.855	330890	PIWIL4	NM_177905_9_-1
Slc9a9	6.300	6.663	7.172	7.057	5.704	5.943	5.079	5.416	5.510	5.868	331004	SLC9A9	NM_177909_9_+1
Gmppb	5.556	5.716	5.130	5.324	4.904	4.953	4.578	4.747	4.314	4.395	331026	GMPPB	NM_177910_9_+1
Tgm4	0.727	1.501	1.708	1.465	1.143	0.618	1.737	1.826	2.388	2.382	331046	TGM4	NM_177911_9_+1
Dgkk	-2.948	-3.408	-0.683	1.043	-2.655	-3.657	-4.915	-2.407	-4.981	-4.981	331374	DGKK	NM_177914_X_+1
Tceal5	-4.981	-4.981	-4.949	-4.949	-4.892	-3.130	-4.880	-4.918	-4.981	-4.981	331532	TCEAL5	NM_177919_X_-1
Hap1	-2.075	-3.267	0.881	1.368	4.082	3.814	4.045	2.848	-2.287	-1.562	15114	HAP1	NM_177981_11_-1
Gmpr2	5.868	6.067	6.691	6.570	5.638	5.471	5.712	6.028	5.751	5.847	105446	GMPR2	NM_177992_14_+1
Hbp1	3.085	3.309	2.855	2.322	2.346	1.618	1.645	1.968	2.399	2.187	73389	HBP1	NM_177993_12_-1
R3hdm4	8.652	8.603	6.721	6.862	6.845	6.784	6.690	6.741	7.263	6.831	109284	R3HDM4	NM_177994_10_-1
Lrrtm2	1.512	0.910	1.658	1.253	1.151	0.290	1.142	-1.027	0.040	0.583	107065	LRRTM2	NM_178005_18_-1
Pigk	-4.774	-4.611	-3.551	-4.950	-4.918	-3.938	-4.798	-3.972	-4.730	-2.284	329777	PIGK	NM_178016_3_+1
Hmgxb4	2.983	3.188	3.376	3.472	3.740	3.533	3.624	3.399	3.801	3.673	70823	HMGXB4	NM_178017_8_+1
Hyal3	-1.155	-1.057	-1.165	-1.592	-1.109	-2.179	-0.877	-2.174	-1.197	-1.611	109685	HYAL3	NM_178020_9_+1
Vps26b	5.113	5.233	5.245	5.052	5.421	5.113	5.248	5.315	6.099	6.032	69091	VPS26B	NM_178027_9_-1
Setd1a	3.161	3.127	2.848	2.901	3.218	3.269	3.022	2.840	2.564	2.497	233904	SETD1A	NM_178029_7_+1
Fads6	-3.349	-4.981	-2.933	-1.956	-0.240	-0.863	-0.809	-2.452	-1.175	-3.236	328035	FADS6	NM_178035_11_-1
Eif5	1.841	1.750	0.964	2.141	1.478	0.629	1.819	1.518	1.591	1.909	217869	EIF5	NM_178041_12_+1
Rassf4	7.363	7.545	7.570	7.744	8.604	8.539	8.538	8.509	9.780	9.819	213391	RASSF4	NM_178045_6_-1
Prom2	-4.981	-4.981	-1.687	-2.970	-1.027	-2.821	-2.021	-4.182	-4.504	-4.981	192212	PROM2	NM_178047_2_-1

Ati2	-4.884	-4.382	-4.964	-4.947	-4.041	-4.886	-3.402	-4.913	-4.749	-4.784	56298	ATL2	NM_178050_17_-1
Mterf4	4.701	4.753	3.772	3.634	3.516	3.567	2.933	3.168	3.181	2.813	69821	MTERF4	NM_178051_1_-1
Dnajb2	0.443	-0.372	-2.879	-0.087	-3.151	-4.864	-1.336	-2.483	-4.857	-4.968	56812	DNAJB2	NM_178055_1_+1
Tm2d3	4.543	4.269	3.461	3.609	2.808	2.521	3.060	2.835	2.342	2.496	68634	TM2D3	NM_178056_7_+1
Aifm2	-4.854	-2.956	-1.302	-0.099	-3.012	-1.210	-0.758	0.587	1.606	1.555	71361	AIFM2	NM_178058_10_+1
Etl4	-4.981	-4.297	-4.720	-4.809	-4.974	-4.924	-4.980	-4.944	-4.809	-4.800	208618	KIAA1217	NM_178059_2_+1
Thra	-0.223	0.452	-0.888	-0.157	-1.447	-1.610	0.701	0.249	1.957	1.880	21833	THRA	NM_178060_11_+1
Mob3b	4.999	4.509	4.605	3.751	4.277	3.742	4.914	4.101	5.992	4.810	214944	MOB3B	NM_178061_4_-1
Are1	3.713	3.904	4.784	4.766	4.823	4.880	4.699	5.033	5.591	5.585	68497	AREL1	NM_178065_12_-1
Tmem198b	1.420	1.328	2.182	1.936	1.731	0.910	1.480	2.458	2.773	3.213	73827	NA	NM_178066_10_-1
Lsg1	5.245	5.183	5.254	5.276	5.287	5.165	5.125	5.141	5.068	4.738	224092	LSG1	NM_178069_16_-1
Vps33b	4.149	4.466	4.097	4.293	4.035	4.078	3.909	4.303	4.506	4.140	233405	VPS33B	NM_178070_7_+1
Nme7	0.604	-3.007	-1.980	-3.348	-1.629	-3.139	-0.836	-3.847	-2.894	-2.710	171567	NME7	NM_178071_1_+1
Mcf2l	-4.545	-3.739	-4.612	-4.815	-4.954	-4.890	-4.757	-4.733	-3.861	-4.394	17207	MCF2L	NM_178076_8_+1
Cnot1	4.951	5.206	6.242	6.037	6.079	5.901	5.965	6.024	6.370	6.658	234594	CNOT1	NM_178078_8_-1
Pde4dip	5.427	5.632	5.581	5.947	6.583	6.693	6.033	5.942	5.052	5.822	83679	PDE4DIP	NM_178080_3_-1
Mfsd6	-4.981	-1.281	0.395	0.119	0.823	0.495	-1.048	-1.684	0.927	1.340	98682	MFSD6	NM_178081_1_-1
Insig2	4.565	5.035	5.178	4.612	4.004	3.809	4.006	3.878	4.072	4.021	72999	INSIG2	NM_178082_1_-1
Zak	-4.981	-4.981	0.288	-0.444	-1.881	-3.796	-0.459	-1.790	-2.494	-1.900	65964	ZAK	NM_178084_2_+1
Erc1	-4.981	-1.579	0.452	0.358	-2.335	-0.718	-1.678	-2.462	-1.587	-1.823	111173	ERC1	NM_178085_6_-1
Pml	4.909	5.218	4.405	4.946	2.596	3.570	3.313	4.400	4.243	3.681	18854	PML	NM_178087_9_-1
Hnrnpul1	2.155	1.810	1.749	0.822	1.130	0.837	0.863	0.283	0.312	0.635	232989	HNRNPUL1	NM_178089_7_-1
4930486L24Rik	-2.948	-4.981	0.096	0.655	-3.108	-4.804	-2.795	-3.027	-2.989	-2.562	214639	NA	NM_178098_13_-1
Trim62	2.037	1.611	2.691	1.998	1.949	1.901	2.625	2.054	3.529	3.299	67525	TRIM62	NM_178110_4_+1
Trp53inp2	2.308	2.753	2.597	2.766	3.164	3.393	3.221	3.424	4.001	4.497	68728	TP53INP2	NM_178111_2_+1
Ints8	3.712	4.208	4.814	4.704	4.319	4.203	3.910	4.276	4.743	5.319	72656	INTS8	NM_178112_4_-1
Ncapd3	3.926	4.128	4.005	3.669	4.922	4.725	4.580	4.323	4.358	4.156	78658	NCAPD3	NM_178113_9_+1
Amigo2	-4.981	-4.788	-4.820	-3.615	-4.868	-2.647	-3.847	-1.616	-4.954	-4.972	105827	AMIGO2	NM_178114_15_-1
Edrf1	3.776	4.061	3.809	3.765	3.904	3.986	3.486	3.652	3.986	4.063	214764	EDRF1	NM_178115_7_+1
Camta2	-0.169	-0.621	0.991	0.547	0.677	0.233	1.528	0.079	2.209	1.981	216874	CAMTA2	NM_178116_11_-1
Dixdc1	-0.449	1.297	-1.882	-1.331	-2.175	-2.269	-3.516	-2.709	-4.394	-3.480	330938	DIXDC1	NM_178118_9_-1
Agap1	-3.026	-3.043	2.102	1.765	2.601	1.933	0.450	1.925	1.743	3.203	347722	AGAP1	NM_178119_1_+1
3830406C13Rik	4.910	4.717	4.805	4.946	4.176	4.465	4.346	4.543	3.395	4.227	218734	C3orf14	NM_178141_14_+1
Lcorl	2.497	2.993	3.225	3.380	2.068	1.987	2.546	2.997	2.856	3.607	209707	LCORL	NM_178142_5_-1
Prkaa2	-1.276	-1.236	-4.981	-4.981	-4.977	-4.977	-4.958	-4.101	-4.981	-4.981	108079	PRKAA2	NM_178143_4_-1
Pik3ip1	6.531	5.566	5.583	4.649	5.543	4.475	4.853	3.951	2.561	1.309	216505	PIK3IP1	NM_178149_11_+1
Agfg2	3.211	2.838	3.550	3.497	3.383	3.173	3.596	3.349	4.473	4.038	231801	AGFG2	NM_178162_5_-1
Ptbp3	6.210	6.581	7.437	7.219	7.481	7.582	7.543	7.448	7.878	8.305	230257	PTBP3	NM_178164_4_-1
Fcrl1	-0.085	-2.217	5.051	4.901	6.127	5.795	5.902	4.801	2.761	1.718	229499	FCRL1	NM_178165_3_+1
Hist1h2ai	-1.208	-0.154	-0.389	-0.373	0.915	0.278	0.839	-0.217	0.113	-1.187	319191	HIST1H2AE	NM_178182_13_+1
Hist1h2ak	-0.639	-1.368	-0.751	-0.807	0.340	-0.593	-0.185	-1.216	-0.677	-0.779	319169	HIST1H2AA	NM_178183_13_-1
Hist1h2an	-1.023	-4.981	-0.921	-1.352	0.447	-0.318	-0.127	-0.986	-2.246	-1.292	319170	HIST1H2AG	NM_178184_13_-1
Hist1h2ap	-4.118	-4.104	-3.726	-2.097	-1.992	-1.459	-0.859	-1.018	0.466	-0.660	319171	NA	NM_178185_13_+1
Hist1h2ap	-4.115	-4.118	-3.928	-2.578	-2.053	-1.700	-1.146	-1.266	0.430	-0.316	319171	NA	NM_178185_dup1_13_-1
Hist1h2ag	-3.292	0.102	0.692	1.716	1.863	2.421	1.385	0.824	-0.605	-0.369	319167	HIST1H2AB	NM_178186_13_-1
Hist1h2ae	0.881	-0.077	3.107	1.752	4.879	2.482	3.880	0.150	1.584	-0.693	319166	HIST1H2AL	NM_178187_13_-1
Hist1h2ad	-2.339	-0.497	-0.034	1.630	0.856	2.205	-0.014	0.802	0.101	-1.125	319165	HIST1H2AM	NM_178188_13_+1
Hist1h2ac	0.774	0.582	0.952	0.500	2.015	1.087	1.101	-0.204	1.322	1.014	319164	HIST1H2AK	NM_178189_13_-1
Hist1h4a	-0.704	-0.741	-1.453	-1.435	-1.672	-0.955	-1.713	-2.146	-1.272	-1.649	326619	HIST2H4B	NM_178192_13_-1
Hist1h4b	-1.015	-1.475	0.429	-1.675	0.705	-1.827	0.736	-1.979	-0.470	-1.600	326620	HIST2H4A	NM_178193_13_+1
Hist1h2be	-0.716	-1.798	-1.429	-0.757	-1.168	-0.467	-1.261	-4.493	-3.743	-2.218	319179	HIST1H2BF	NM_178194_13_-1
Hist1h2bf	-1.915	-4.981	-1.507	-3.435	-1.021	-4.450	-1.669	-4.090	-2.041	-3.988	319180	HIST1H2BG	NM_178195_13_-1
Hist1h2bg	1.119	0.445	2.336	1.502	2.973	1.796	2.210	0.720	2.338	0.614	319181	HIST1H2BC	NM_178196_13_+1
Hist1h2bh	-0.969	-0.832	-0.742	-0.487	-0.183	-0.107	-1.207	-1.673	-2.042	-2.452	319182	NA	NM_178197_13_-1
Hist1h2bj	-1.132	-1.468	0.287	-0.476	1.729	-0.268	1.497	-0.443	0.824	-1.393	319183	HIST1H2BL	NM_178198_13_+1
Hist1h2bl	-3.399	-0.690	-2.458	-0.342	-1.388	0.500	-0.675	-0.378	-1.154	-0.909	319185	HIST1H2BE	NM_178199_13_-1
Hist1h2bm	-4.981	-4.981	-1.061	-2.100	-0.764	-1.934	-1.018	-2.542	-1.986	-2.319	319186	HIST1H2BN	NM_178200_13_+1
Hist1h2bn	-4.981	-1.548	-1.873	-0.883	-0.911	-0.361	-1.383	-1.376	-2.012	-1.018	319187	HIST1H2BM	NM_178201_13_+1
Hist1h2bp	-4.981	-4.981	-1.874	-2.611	-2.787	-3.220	-3.986	-3.122	-4.981	-4.981	319188	HIST1H2BO	NM_178202_13_+1
Hist1h3b	-4.981	-1.344	-2.098	-1.495	-0.883	-0.928	-1.217	-1.691	-3.766	-4.981	319150	HIST1H3H	NM_178203_13_+1
Hist1h3d	-1.978	-1.768	-0.025	0.420	-0.027	0.483	0.348	-0.699	-0.810	-0.111	319149	HIST1H3A	NM_178204_13_+1
Hist1h3e	0.530	-0.429	0.991	0.814	1.112	1.425	0.776	0.318	1.162	-0.239	319151	HIST1H3I	NM_178205_13_-1
Hist1h3h	-2.558	-2.398	-2.188	-0.485	-2.693	-1.443	-1.234	-1.021	-1.909	-3.102	319152	HIST1H3E	NM_178206_13_+1
Hist1h3i	-1.560	-2.022	-0.204	0.209	0.029	0.359	0.567	-0.333	-0.331	-0.095	319153	HIST1H3F	NM_178207_13_-1
Hist1h4c	1.470	1.258	2.034	1.091	2.971	1.578	3.147	1.940	2.795	1.704	319155	HIST1H4F	NM_178208_13_-1
Hist1h4j	-3.286	-4.981	-4.177	-3.267	-3.318	-4.629	-3.495	-4.380	-3.445	-2.968	319159	HIST1H4K	NM_178210_13_+1
Hist1h4k	-2.168	-1.749	-1.062	-1.635	-2.445	-2.877	-2.464	-2.628	-2.431	-2.594	319160	HIST1H4H	NM_178211_13_-1
Hist2h2aa2	-4.029	-0.879	-2.483	-4.594	-2.749	-2.089	-1.765	-4.860	-4.381	-4.703	319192	HIST2H2AA3 HIST2NM	NM_178212_3_-1
Hist2h2aa2	-4.025	-3.760	-4.443	-4.736	-3.494	-4.868	-3.078	-4.882	-4.350	-4.707	319192	HIST2H2AA3 HIST2NM	NM_178212_dup1_3_+1
Hist2h2ab	-2.538	-1.114	-1.009	-1.206	-1.538	-1.547	-1.359	-2.720	-1.551	-2.338	621893	HIST2H2AB	NM_178213_3_+1
Hist2h2be	4.631	3.389	2.845	1.911	2.564	2.146	2.597	1.794	2.793	2.364	319190	HIST1H2BJ	NM_178214_3_+1
Hist2h3b	-0.319	0.732	-0.395	-0.624	0.866	0.247	1.284	-0.148	0.751	-0.026	319154	HIST1H3B	NM_178215_3_+1
Hist2h3c1	-4.137	-3.298	-4.020	-4.523	-4.648	-4.794	-3.955	-4.585	-4.538	-4.292	15077	HIST1H3C	NM_178216_3_-1
Hist2h3c1	-4.137	-3.298	-4.052	-4.365	-4.640	-4.841	-3.955	-4.585	-4.538	-4.292	15077	HIST1H3C	NM_178216_dup1_3_+1

Hist3h2a	5.415	3.676	4.399	3.024	3.842	2.353	3.805	2.570	3.585	2.370	319162	HIST3H2A	NM_178218_11_+_1
Arrb1	0.052	1.163	4.437	4.714	2.764	3.462	4.620	4.859	6.077	6.413	109689	ARRB1	NM_178220_7_+_1
Scn3b	-4.981	-4.981	-4.981	-4.979	-4.967	-4.932	-4.963	-4.964	-4.029	-4.981	235281	SCN3B	NM_178227_9_+_1
Tnrc18	1.444	1.524	2.752	2.353	3.341	2.797	3.174	3.383	4.075	4.219	231861	TNRC18	NM_178242_5_+_1
Smg5	4.277	4.001	4.718	4.572	4.806	4.453	4.394	4.312	4.408	4.199	229512	SMG5	NM_178246_3_+_1
Arhgap33	-3.409	-3.050	-4.436	-4.192	-4.323	-1.862	-3.535	-4.707	-4.492	-4.531	233071	ARHGAP33	NM_178252_7_+_1
Klhdc1	2.677	3.126	2.058	2.378	2.028	2.977	1.827	2.331	1.755	2.456	271005	KLHDC1	NM_178253_12_+_1
Tcfl5	-3.349	-4.981	-4.912	-4.912	-4.982	-4.270	-4.482	-4.988	-4.394	-4.981	277353	TCFL5	NM_178254_2_+_1
Reps2	-4.981	-4.981	-4.934	-2.478	-4.512	-3.048	-3.324	-2.283	-2.401	-1.204	194590	REPS2	NM_178256_X_+_1
Il22ra2	-4.981	-4.981	-1.617	-0.858	-2.322	-4.232	-4.261	-2.636	-0.663	0.102	237310	IL22RA2	NM_178258_10_+_1
Abca13	-1.884	-4.981	0.395	1.732	-1.759	-0.058	-3.003	-1.392	1.154	-1.689	268379	ABCA13	NM_178259_11_+_1
Ankrd27	3.265	3.040	1.898	2.510	2.838	2.581	2.095	1.675	1.022	1.483	245886	ANKRD27	NM_178263_7_+_1
Zfp827	-3.371	0.848	-4.938	-1.672	-3.325	-2.292	-3.892	-1.760	-4.553	-2.547	622675	ZNF827	NM_178267_8_+_1
Cenpm	-3.319	-4.981	-2.317	-2.901	-2.924	-2.960	-3.463	-3.471	-3.740	-1.612	66570	CENPM	NM_178269_15_+_1
Hmgxb3	2.257	0.464	2.482	2.379	2.592	2.082	2.274	2.044	3.719	4.278	106894	HMGXB3	NM_178277_18_+_1
Pxk	-0.610	-0.439	-0.352	-1.145	0.269	-0.117	0.418	0.291	0.841	0.240	218699	PXK	NM_178279_14_+_1
Trim39	3.898	3.562	3.065	3.108	3.805	3.939	3.517	3.496	3.820	4.066	79263	TRIM39	NM_178281_17_+_1
Asb13	4.961	4.946	4.418	3.883	3.494	3.458	3.989	4.152	4.583	4.654	142688	ASB13	NM_178283_13_+_1
Brip1	-0.549	-1.236	2.275	1.760	3.184	1.801	2.395	1.185	1.198	1.022	237911	BRIP1	NM_178309_11_+_1
Tbce	4.810	4.787	4.761	4.762	4.543	4.571	4.603	4.293	4.415	3.990	70430	TBCE	NM_178337_13_+_1
Cdc23	4.805	4.935	4.838	5.266	5.068	5.340	4.964	5.272	4.931	5.348	52563	CDC23	NM_178347_18_+_1
Klf11	4.266	4.742	2.427	2.879	2.754	2.910	3.840	4.153	5.653	5.625	194655	KLF11	NM_178357_12_+_1
Lhfp11	2.819	1.014	-4.981	-4.981	-4.769	-4.970	-4.960	-4.942	-4.981	-4.981	237091	LHFP11	NM_178358_X_+_1
Sorbs1	-4.981	-1.363	-3.526	-2.400	-4.697	-2.581	-3.489	-4.045	-4.981	-1.558	20411	SORBS1	NM_178362_19_+_1
Ylpm1	4.184	3.901	4.236	4.150	4.586	4.479	4.417	3.931	3.934	3.747	56531	YLPM1	NM_178363_12_+_1
Zfp369	0.805	0.716	0.993	1.177	1.140	1.027	0.617	1.583	0.807	2.250	170936	ZNF274	NM_178364_13_+_1
Pacsin1	0.784	2.750	-3.396	-4.539	-3.825	-3.500	-4.925	-4.856	-4.981	-4.418	23969	PACSIN1	NM_178365_17_+_1
Dhx33	3.360	3.125	4.428	4.317	3.930	3.846	4.099	4.098	4.193	4.374	216877	DHX33	NM_178367_11_+_1
Prss34	-4.981	-4.981	-4.896	-1.906	-4.960	-4.960	5.289	-4.514	-4.981	-4.981	328780	NA	NM_178372_17_+_1
Snupn	4.202	4.276	3.874	4.127	4.154	4.110	4.318	4.202	2.703	2.647	66069	SNUPN	NM_178374_9_+_1
Zswim3	1.944	1.233	1.319	1.035	2.619	2.820	1.981	1.738	2.103	2.579	67538	ZSWIM3	NM_178375_2_+_1
Rraga	6.159	6.301	6.914	6.936	6.015	6.057	5.789	6.095	5.400	5.745	68441	RRAGA	NM_178376_4_+_1
Commd10	5.494	5.346	6.057	6.112	5.640	5.727	5.186	5.207	5.026	4.957	69456	COMMD10	NM_178377_18_+_1
Iqcg	1.825	0.338	-1.928	-1.744	-4.549	-2.044	-3.472	-2.549	-4.981	-3.720	69707	IQCG	NM_178378_16_+_1
Cox10	4.455	4.345	3.817	3.932	4.084	3.888	3.998	3.849	3.556	3.386	70383	COX10	NM_178379_11_+_1
Dhx38	3.916	3.736	4.753	4.861	4.606	4.397	4.809	4.758	5.899	5.678	64340	DHX38	NM_178380_8_+_1
Flrt3	-4.981	-4.981	-4.963	-1.247	-0.417	-3.733	-2.848	-4.347	-4.981	-3.210	71436	FLRT3	NM_178382_2_+_1
Zfp74	3.374	3.727	2.714	3.102	2.381	3.307	2.267	2.601	2.600	2.640	72723	ZNF569	NM_178384_7_+_1
Tbcc	5.605	5.597	5.072	5.288	4.631	4.753	4.675	4.708	4.405	4.425	72726	TBCC	NM_178385_17_+_1
Slc25a31	-1.039	-4.981	-3.789	-4.938	-4.191	-3.892	-4.966	-2.789	-4.981	-1.515	73333	SLC25A31	NM_178386_3_+_1
Tmem202	-1.812	-1.084	-2.165	-1.567	-2.721	-1.992	-1.250	-0.885	-1.168	-0.609	73893	TMEM202	NM_178388_9_+_1
Gale	5.581	5.701	4.606	4.812	4.211	4.195	3.723	3.792	3.224	2.881	74246	GALE	NM_178389_4_+_1
Fam53a	5.059	4.897	4.942	4.938	5.228	5.206	5.209	5.027	5.297	5.042	74504	FAM53A	NM_178390_5_+_1
Setmar	2.517	2.673	1.937	1.475	1.808	1.987	2.124	1.778	2.237	2.578	74729	NA	NM_178391_6_+_1
Snapc1	4.213	3.334	4.775	3.415	3.908	3.235	3.884	3.101	3.089	2.988	75627	SNAPC1	NM_178392_12_+_1
Jakmip1	4.825	4.998	-1.021	-0.309	-0.526	0.124	0.629	1.436	-1.543	-2.064	76071	JAKMIP1	NM_178394_5_+_1
Zdhc2	0.723	1.750	2.887	3.907	0.034	0.947	-0.366	1.979	-1.742	1.030	70546	ZDHC2	NM_178395_8_+_1
Car12	-3.837	-3.788	-4.118	-3.591	-4.512	-4.509	-3.862	-4.193	-4.447	-4.981	76459	CA12	NM_178396_9_+_1
Faf2	5.333	5.587	5.595	5.674	5.714	5.742	5.393	5.547	5.458	5.549	76577	FAF2	NM_178397_13_+_1
Wipi2	4.362	4.573	4.411	4.677	4.464	4.577	4.466	4.784	5.775	5.527	74781	WIP12	NM_178398_5_+_1
3110035E14Rik	-4.981	-4.981	-4.944	-3.884	-4.979	-4.946	-4.800	-4.133	-4.394	-3.816	76982	C8orf46	NM_178399_1_+_1
Ramp1	2.113	1.519	1.412	-0.112	-0.475	-0.890	-0.384	-1.271	-0.887	-2.432	51801	RAMP1	NM_178401_1_+_1
Pus7	2.575	2.398	2.353	2.933	2.183	2.218	2.365	2.857	2.172	2.253	78697	PUS7	NM_178403_5_+_1
Zc3h6	3.479	3.466	2.602	2.502	3.061	2.966	2.916	2.360	2.418	1.834	78751	ZC3H6	NM_178404_2_+_1
Atp1a2	-1.723	-4.981	-3.804	-4.770	-4.010	-4.736	-4.191	-4.343	-4.050	-4.981	98660	ATP1A2	NM_178405_1_+_1
Gpr153	-4.981	-4.981	-3.897	-4.745	-3.412	-2.877	-3.424	-4.876	-0.788	-3.758	100129	GPR153	NM_178406_4_+_1
Arap2	3.631	3.499	4.336	4.049	7.789	7.348	5.806	4.757	1.790	0.993	212285	ARAP2	NM_178407_5_+_1
Arrdc1	2.818	2.389	2.283	2.667	2.348	1.764	2.177	2.009	2.988	2.817	215705	ARRDC1	NM_178408_2_+_1
Marveld2	-0.601	-4.981	-2.111	-4.740	-1.037	-2.895	-1.742	-1.820	-1.549	-2.265	218518	MARVELD2	NM_178410_13_+_1
Thns12	1.227	-0.325	-3.646	-3.062	-4.581	-3.413	-4.590	-4.952	-4.098	-4.981	232078	THNS12	NM_178413_6_+_1
Bbs9	2.166	1.822	1.240	1.248	3.687	3.763	2.105	1.492	1.549	2.195	319845	BBS9	NM_178415_9_+_1
Zfp867	0.996	1.611	1.107	1.079	0.891	0.286	0.492	0.523	0.498	0.959	237775	ZNF627	NM_178417_11_+_1
NlrX1	0.249	-3.050	-3.846	-1.639	0.411	1.135	-0.557	-1.562	1.947	1.842	270151	NLRX1	NM_178420_9_+_1
Nanos1	-1.627	-2.997	0.091	0.136	-0.327	0.284	-0.807	-0.585	-0.258	-0.899	332397	NANOS1	NM_178421_19_+_1
Myo1g	5.591	5.535	7.859	7.877	8.220	7.767	8.547	8.309	9.273	9.063	246177	MYO1G	NM_178440_11_+_1
Egfl7	-4.950	-4.769	-4.883	-4.559	-4.970	-4.322	-4.944	-2.761	-4.865	-4.968	353156	EGFL7	NM_178444_2_+_1
Rbm47	0.345	-0.443	2.782	3.093	2.268	1.416	1.589	-0.661	0.500	1.210	245945	RBM47	NM_178446_5_+_1
Zfp2	-3.757	-3.721	-4.960	-4.901	-4.938	-4.970	-4.670	-4.848	-4.839	-4.657	22678	ZFP2	NM_178447_11_+_1
Cpsf4	-4.214	-3.871	-4.762	-4.873	-4.926	-2.647	-1.653	-4.874	-1.875	-1.028	54188	CPSF4	NM_178576_5_+_1
Tmem205	4.427	4.021	3.548	3.275	2.102	2.032	3.160	2.440	3.731	2.883	235043	TMEM205	NM_178577_9_+_1
Tnfrsf21	1.044	0.227	6.723	6.813	4.771	4.661	6.455	7.109	8.667	8.951	94185	TNFRSF21	NM_178589_17_+_1
Ikbkg	2.577	1.193	1.758	3.060	2.570	1.680	1.222	2.575	2.313	2.412	16151	IKBKG	NM_178590_X_+_1
Nrg1	-4.981	-0.838	-4.431	-2.771	-3.153	-2.836	-3.597	-0.285	1.471	3.771	211323	NA	NM_178591_8_+_1
Abhd16a	6.196	6.196	5.715	5.884	5.495	5.634	5.526	5.711	5.869	5.682	193742	ABHD16A	NM_178592_17_+_1

Rcsd1	6.498	6.298	5.878	6.107	5.999	5.325	6.090	6.129	6.971	6.856	226594	RCSD1	NM_178593_1_-1
Pthr1	1.853	2.276	0.900	1.187	0.010	0.558	0.512	0.749	-0.300	-0.373	329384	PTRH1	NM_178595_2_+1
Camk2g	-2.421	-3.239	-3.876	-4.195	-4.239	-4.828	-3.998	-4.321	-2.127	-4.376	12325	CAMK2G	NM_178597_14_-1
Tagln2	10.472	10.773	8.321	8.194	7.990	7.700	8.282	8.698	9.046	8.582	21346	TAGLN2	NM_178598_1_+1
Comm18	6.476	6.395	7.838	7.914	7.254	7.454	7.103	7.158	6.855	6.924	27784	COMM18	NM_178599_5_-1
Vkorc1	6.116	6.376	4.432	4.550	4.282	4.606	4.790	5.083	3.616	3.816	27973	VKORC1	NM_178600_7_-1
Imp4	6.369	6.080	6.058	6.283	6.143	6.049	5.972	6.154	5.767	5.822	27993	IMP4	NM_178601_1_+1
Polr2m	7.007	7.203	7.089	7.202	6.897	6.877	6.839	6.934	6.675	6.670	28015	POLR2M	NM_178602_9_-1
Mrpl50	4.319	4.580	5.132	5.128	4.490	4.587	4.682	4.647	4.222	4.185	28028	MRPL50	NM_178603_4_-1
Txn14a	1.297	2.150	2.480	2.477	2.137	1.461	1.111	2.139	1.739	1.827	27366	TXNL4A	NM_178604_18_+1
Nop16	5.903	6.486	5.742	6.825	6.121	7.209	6.078	6.666	4.361	5.085	28126	NOP16	NM_178605_13_-1
Reep3	5.603	5.458	5.835	5.662	6.324	6.280	6.697	6.150	6.499	6.648	28193	REEP3	NM_178606_10_-1
Rnf24	-0.125	0.617	1.359	0.959	0.326	-0.161	-0.410	-0.304	1.079	1.476	51902	RNF24	NM_178607_2_-1
Reep1	-4.981	0.293	-3.670	-3.366	-2.597	-2.161	-2.796	-3.046	-3.351	-2.965	52250	REEP1	NM_178608_6_+1
E2f7	-3.563	-3.267	0.849	-0.253	1.926	0.582	0.628	-0.318	0.382	-0.629	52679	E2F7	NM_178609_10_+1
Krr1	5.171	5.195	5.470	5.574	5.758	5.784	5.499	5.279	5.180	5.182	52705	KRR1	NM_178610_10_+1
Lair1	7.261	7.194	1.178	0.961	4.199	4.175	4.114	3.382	3.270	2.914	52855	LAIR1	NM_178611_7_-1
Cnpy4	4.049	4.997	2.903	3.617	3.719	3.899	3.823	4.003	3.779	4.028	66455	CNPY4	NM_178612_5_+1
Gskip	5.485	5.514	5.165	5.359	5.114	5.050	4.993	5.164	5.151	5.287	66787	GSKIP	NM_178613_12_+1
Samm50	6.701	6.594	6.385	6.572	6.272	6.248	6.278	6.409	6.394	6.091	68653	SAMM50	NM_178614_15_+1
Rgmb	3.537	3.780	3.347	3.766	3.511	4.142	2.832	3.205	3.095	4.008	68799	RGMB	NM_178615_17_-1
Psm11	6.615	6.821	6.598	6.931	6.299	6.420	6.347	6.625	6.016	5.944	69077	PSMD11	NM_178616_11_+1
Necab1	-4.981	-4.981	-2.701	-3.038	-4.978	-4.978	-4.981	-4.981	-4.981	-4.981	69352	NECAB1	NM_178617_4_-1
Fam83g	-4.981	-4.981	-1.558	-1.365	-2.429	-2.308	-3.887	-4.920	-4.981	-4.981	69640	FAM83G	NM_178618_11_+1
1810026J23Rik	5.141	4.728	4.291	4.778	4.464	4.292	4.664	4.479	5.540	5.279	69773	C19orf52	NM_178619_9_+1
Mfsd11	4.681	4.716	5.427	5.128	5.380	5.237	5.249	5.227	4.951	5.319	69900	MFSD11	NM_178620_11_+1
Suds3	5.234	5.126	5.030	5.355	5.533	5.217	5.389	5.117	5.422	5.438	71954	SUDS3	NM_178622_5_-1
Urgcp	2.185	3.406	0.905	2.246	2.818	2.461	2.294	1.206	3.268	3.870	72046	URGCP	NM_178623_11_-1
Fbxl2	-0.590	0.621	-1.427	-2.158	-1.631	-0.640	-1.456	0.177	2.386	3.387	72179	FBXL2	NM_178624_9_-1
Tmem209	4.857	4.999	4.676	4.644	4.999	4.845	4.859	4.914	4.852	4.915	72649	TMEM209	NM_178625_6_-1
Cdc42se2	7.547	7.503	8.189	8.053	8.017	7.657	7.899	8.007	7.898	7.973	72729	CDC42SE2	NM_178626_11_-1
Poldip3	5.946	5.896	6.393	6.424	6.589	6.363	6.458	6.354	7.103	6.948	73826	POLDIP3	NM_178627_15_-1
Atl1	0.350	0.658	2.042	1.463	-0.825	-0.284	-0.567	-0.647	-0.826	-1.787	73991	ATL1	NM_178628_12_+1
Ispd	2.177	1.892	1.041	0.990	-1.869	-1.127	-1.552	-2.033	-4.847	-2.828	75847	ISPD	NM_178629_12_+1
Agbl3	0.502	-0.028	-2.077	-1.696	-2.638	-4.072	-4.042	-4.127	-3.080	-3.417	76223	AGBL3	NM_178630_6_+1
Ints7	4.934	4.572	4.800	4.169	4.827	4.044	4.175	3.953	4.534	4.132	77065	INTS7	NM_178632_1_+1
Klhl2	3.407	3.791	3.467	3.615	3.533	3.688	3.991	3.930	4.901	4.845	77113	KLHL2	NM_178633_8_-1
Csrnp3	-4.447	-4.981	-4.913	-4.744	-4.979	-4.981	-4.752	-4.955	-4.981	-4.795	77771	CSRNP3	NM_178634_2_+1
Uvr1g	7.664	7.659	7.172	7.138	8.216	8.394	7.659	7.138	7.098	6.869	78610	UVRAG	NM_178635_7_-1
Kat5	3.717	3.602	2.963	3.028	3.216	3.299	3.493	3.568	3.903	3.455	81601	KATS	NM_178637_19_-1
Tmem108	-0.451	3.793	-3.327	-3.030	-3.327	-0.724	-1.448	-0.024	-2.614	-2.003	81907	TMEM108	NM_178638_9_-1
Sfxn5	-1.571	-1.055	-0.834	-0.464	-0.136	0.291	0.015	-0.034	1.558	0.971	94282	SFXN5	NM_178639_6_-1
B3galnt2	3.284	4.213	5.095	5.084	3.720	3.897	4.408	4.784	5.076	5.500	97884	B3GALNT2	NM_178640_13_+1
Inpp5f	5.136	5.320	4.221	4.417	5.146	5.387	5.414	5.919	6.234	7.272	101490	INPP5F	NM_178641_7_+1
Faap24	3.590	3.683	3.159	3.240	3.010	3.124	3.046	3.386	3.253	2.988	101831	FAAP24	NM_178643_7_-1
Oaf	3.653	1.375	1.800	0.587	1.757	0.767	1.723	1.412	1.893	0.954	102644	OAF	NM_178644_9_-1
Blmh	6.494	6.500	5.913	6.047	5.607	5.535	5.289	5.726	5.788	5.696	104184	BLMH	NM_178645_11_+1
Tigd5	-0.939	-0.682	0.271	-0.358	-0.594	-1.375	-1.062	-0.281	1.106	1.360	105734	TIGD5	NM_178646_15_+1
Cggbp1	6.453	6.464	6.973	6.945	6.766	6.778	7.086	6.926	7.219	7.632	106143	CGGBP1	NM_178647_16_+1
Ubxn8	4.299	3.658	3.821	3.789	3.836	3.615	4.456	3.693	5.459	4.116	108159	UBXN8	NM_178648_8_-1
Tbc1d10c	7.222	7.211	6.664	6.837	7.610	7.642	6.681	6.692	4.473	3.626	108995	TBC1D10C	NM_178650_19_-1
Slc30a9	5.124	5.489	4.996	5.079	4.925	5.412	5.062	5.022	5.139	5.056	109108	SLC30A9	NM_178651_5_+1
Supt3	5.049	4.860	5.259	5.222	5.102	4.949	4.395	3.926	2.342	2.491	109115	SUPT3H	NM_178652_17_+1
Sccpdh	3.108	3.370	2.702	3.082	2.597	2.922	2.150	2.316	1.106	1.783	109232	SCCPDH	NM_178653_1_+1
Pkn2	5.108	5.020	5.105	5.077	5.427	5.424	5.327	5.192	5.100	5.222	109333	PKN2	NM_178654_3_-1
Ank2	-3.090	-4.981	-4.197	-4.716	-3.573	-4.470	-3.992	-1.750	-3.531	-0.835	109676	NA	NM_178655_3_-1
Fam65b	4.839	4.888	1.541	3.241	4.337	5.218	4.028	4.918	5.138	4.747	193385	FAM65B	NM_178658_13_+1
Jmjd4	1.910	2.394	0.797	1.914	1.774	1.606	1.408	1.748	1.118	0.968	194952	JMJD4	NM_178659_11_+1
Creb3l2	3.684	3.374	2.162	2.362	1.363	1.348	1.503	2.263	2.947	2.988	208647	CREB3L2	NM_178661_6_-1
Atcay	-4.981	-4.981	-1.964	-2.546	-2.242	-2.145	-4.351	-2.409	-4.981	-4.981	16467	ATCAY	NM_178662_10_-1
B3gntl1	3.051	3.326	3.341	2.960	3.761	3.510	3.470	3.035	3.249	3.238	210004	B3GNTL1	NM_178664_11_-1
Lpp	4.408	4.338	4.630	4.483	6.190	6.381	5.614	5.174	4.056	4.866	210126	LPP	NM_178665_16_+1
Themis	-4.981	-4.981	-4.263	-1.026	-3.590	-0.819	-2.562	1.375	-3.976	-4.981	210757	THEMIS	NM_178666_10_+1
Tfdp2	-0.166	-3.662	-0.129	0.757	-0.756	0.451	-0.586	0.856	-0.117	0.037	211586	TFDP2	NM_178667_9_+1
Pde12	4.702	4.448	4.536	4.535	4.487	4.509	4.649	4.404	4.654	4.442	211948	PDE12	NM_178668_14_-1
8030462N17Rik	1.988	2.965	2.591	2.992	3.197	3.271	2.523	3.003	2.322	4.360	212163	C18orf25	NM_178670_18_-1
Scfd2	1.807	2.104	1.576	0.877	1.600	1.376	1.370	1.706	1.941	2.320	212986	SCFD2	NM_178672_5_-1
Fbxl21	-0.727	-0.645	-1.880	-2.250	-0.736	-1.029	-1.771	-3.448	-3.109	-3.449	213311	FBXL21	NM_178674_13_+1
Entpd3	-2.842	-4.981	-4.064	-2.765	-4.884	-3.007	-4.976	-3.318	-4.981	-3.853	215446	ENTPD3	NM_178676_9_+1
Sec22c	0.467	1.747	-0.378	0.281	-2.161	-2.986	-0.518	-0.022	0.322	0.642	215474	SEC22C	NM_178677_9_-1
Zfp365	-2.164	-4.981	-0.164	-1.969	1.998	1.472	-0.301	-0.687	-3.738	-4.981	216049	ZNF365	NM_178679_10_-1
Unc45b	-4.981	-4.981	-3.175	-4.930	-2.781	-2.642	-2.942	-4.441	-4.981	-4.981	217012	UNC45B	NM_178680_11_+1
Susd6	3.927	4.224	5.137	5.141	5.761	5.687	5.592	5.878	6.199	6.578	217684	SUSD6	NM_178682_12_+1
Depdc1b	-4.981	-0.597	-0.396	0.774	0.259	0.414	0.278	0.586	1.072	0.692	218581	DEPDC1B	NM_178683_13_+1

Mapk1ip1l	5.202	4.918	6.081	5.753	5.300	5.145	5.525	5.431	6.025	6.202	218975	MAPK1IP1L	NM_178684_14_+_1
Cep120	4.368	4.221	4.937	4.661	5.240	5.271	4.860	4.612	5.147	4.728	225523	CEP120	NM_178686_18_-_1
Cd226	-1.306	-4.858	1.070	1.537	-1.670	-0.139	1.013	2.774	-0.618	1.270	225825	CD226	NM_178687_18_+_1
Ablim1	-4.915	-4.694	-4.812	-4.952	-4.957	-4.975	-4.837	-4.959	-4.963	-4.942	226251	ABLIM1	NM_178688_19_-_1
Eno4	-4.981	-4.981	-1.424	-1.166	-3.393	-3.387	-1.997	-3.661	-4.981	-2.743	226265	ENO4	NM_178689_19_+_1
Rab3gap1	4.703	4.806	4.410	4.364	4.576	4.417	4.407	4.392	4.351	4.457	226407	RAB3GAP1	NM_178690_1_+_1
Yod1	2.067	2.054	2.379	2.242	2.202	1.935	2.108	2.183	2.762	2.721	226418	YOD1	NM_178691_1_+_1
C130074G19Rik	-4.981	-4.981	-4.980	-4.980	-4.850	-2.806	-4.197	-4.309	-4.981	-4.981	226777	C1orf115	NM_178692_1_-_1
Coq4	3.883	3.922	2.983	3.121	2.767	3.250	2.172	2.837	1.813	1.687	227683	COQ4	NM_178693_2_+_1
Zer1	-0.144	-1.143	-0.263	-2.799	-4.453	-4.703	-1.510	-0.335	-0.620	-4.622	227693	ZER1	NM_178694_2_-_1
Prrg4	3.002	1.810	-0.547	-1.584	-1.376	-1.336	-2.113	-2.878	-4.981	-4.981	228413	PRRG4	NM_178695_2_-_1
Slc25a44	2.935	2.705	3.038	3.250	2.197	3.214	2.566	3.052	4.904	4.624	229517	SLC25A44	NM_178696_3_-_1
Pigv	4.256	4.781	3.788	3.974	3.785	4.014	3.119	3.895	3.725	4.338	230801	PIGV	NM_178698_4_-_1
Fndc10	0.436	0.854	0.487	0.353	2.351	1.818	1.366	0.785	0.850	0.485	230991	FNDIC10	NM_178699_4_+_1
Grsf1	2.997	3.652	4.159	4.310	4.278	4.222	4.078	4.112	5.268	4.949	231413	GRSF1	NM_178700_5_-_1
Lrrc8d	3.401	2.803	2.358	2.290	1.857	2.263	2.989	2.785	4.779	5.231	231549	LRRC8D	NM_178701_5_+_1
Radi1	-2.722	-0.493	-4.677	-1.764	0.991	2.786	-3.676	-3.666	-4.981	-4.981	231858	RADIL	NM_178702_5_-_1
Slc6a1	-4.981	-4.981	-4.486	-4.927	-1.631	0.559	-2.597	-3.899	-4.981	-4.981	232333	SLC6A1	NM_178703_6_+_1
Dpy19l3	2.627	3.391	1.059	3.376	1.095	2.177	0.408	1.768	1.563	1.817	233115	DPY19L3	NM_178704_7_-_1
Luzp2	-4.981	-4.981	-4.981	-4.981	-3.824	-4.421	-4.913	-4.185	-4.981	-4.981	233271	LUZP2	NM_178705_7_+_1
Siglech	12.650	13.334	5.216	4.870	1.729	3.717	0.122	3.798	-1.029	0.040	233274	NA	NM_178706_7_+_1
Zfp592	4.981	4.978	4.979	4.671	5.572	5.322	5.315	5.123	6.089	5.921	233410	ZNF592	NM_178707_7_+_1
Pcid2	4.767	4.823	4.548	4.633	4.696	4.593	4.600	4.657	4.863	4.609	234069	PCID2	NM_178708_8_-_1
Rnf214	3.793	3.872	4.113	4.177	4.458	4.339	4.129	3.963	4.331	4.172	235315	RNF214	NM_178709_9_-_1
Sik2	1.873	1.561	2.845	2.978	2.869	2.638	2.926	2.743	3.569	3.843	235344	SIK2	NM_178710_9_-_1
Plscr4	-0.994	0.333	-4.789	-2.501	-3.332	-2.768	-1.541	-0.949	-1.093	-1.479	235527	PLSCR4	NM_178711_9_+_1
Adgrg2	-4.226	-4.981	-4.845	-4.783	-4.975	-4.979	-4.947	-4.955	-4.778	-4.981	237175	ADGRG2	NM_178712_X_+_1
Tnpo1	3.568	3.374	5.051	4.660	4.579	4.529	3.985	4.667	5.019	5.255	238799	TNPO1	NM_178716_13_-_1
Mief1	3.460	2.527	3.878	3.616	3.864	3.243	3.913	3.418	4.740	4.591	239555	MIEF1	NM_178719_15_+_1
Zfp438	1.902	2.011	1.641	1.513	1.440	1.522	0.481	0.992	0.365	1.174	240186	ZNF438	NM_178722_18_-_1
Harbi1	3.225	3.215	3.185	3.109	3.079	3.362	2.846	2.818	3.159	2.834	241547	HARBI1	NM_178724_2_+_1
Lrrc4c	-3.636	-4.120	-0.779	-4.469	-1.364	-4.794	-4.341	-4.930	-4.981	-4.981	241568	LRRC4C	NM_178725_2_+_1
Ppm1l	2.700	3.041	-0.032	0.654	0.539	1.268	-0.223	1.235	0.891	1.740	242083	PPM1L	NM_178726_3_+_1
D630039A03Rik	-4.981	-4.981	-4.344	-4.278	-4.643	-4.761	-4.974	-4.978	-3.925	-4.981	242484	C9orf152	NM_178727_4_-_1
Napepld	-0.135	-0.064	1.503	1.909	1.910	2.273	0.606	0.262	0.628	0.450	242864	NAPEPLD	NM_178728_5_-_1
Fbxl5	4.206	4.780	4.167	3.789	3.327	3.353	3.148	3.301	4.273	3.642	242960	FBXL5	NM_178729_5_-_1
Zfp324	2.319	2.132	2.489	2.425	2.677	2.466	1.351	1.540	2.204	2.139	243834	ZNF324	NM_178732_7_+_1
Zfp14	1.556	1.170	0.759	0.726	0.971	0.508	1.101	-0.251	1.545	0.419	243906	ZFP14	NM_178733_7_-_1
Zfp473	-2.317	-2.521	-3.901	-2.326	-2.825	-3.899	-2.525	-3.637	-2.310	-4.894	243963	ZNF473	NM_178734_7_-_1
Elmod2	3.999	4.228	2.850	3.122	2.891	3.004	3.062	3.173	4.426	4.631	244548	ELMOD2	NM_178736_8_-_1
Prss35	-2.559	-2.087	-3.251	-4.584	-3.701	-4.579	-4.159	-4.096	-3.433	-3.882	244954	PRSS35	NM_178738_9_+_1
Dcaf12l1	-4.981	-4.981	-3.050	-3.280	-4.947	-3.799	-4.980	-4.979	-4.981	-4.981	245404	NA	NM_178739_X_-_1
Klhl8	2.242	1.658	2.033	2.210	3.284	2.644	2.975	2.324	2.195	2.143	246293	KLHL8	NM_178741_5_-_1
Slc26a11	2.087	0.643	2.910	3.029	3.181	3.694	3.668	3.510	3.971	4.026	268512	SLC26A11	NM_178743_11_+_1
Zbtb1	4.078	4.325	4.725	4.601	4.874	4.757	4.898	4.838	5.133	5.379	268564	ZBTB1	NM_178744_12_+_1
Tmem229b	6.381	6.741	3.737	4.308	3.553	3.863	3.553	4.029	4.474	3.887	268567	TMEM229B	NM_178745_12_-_1
Slc38a9	5.474	5.777	5.041	4.695	5.315	5.451	5.190	5.064	5.338	5.310	268706	SLC38A9	NM_178746_13_+_1
Gulo	-4.981	-2.587	-4.981	-4.981	-3.976	-2.093	-4.952	-4.967	-4.981	-4.981	268756	NA	NM_178747_14_-_1
Ss18l1	0.985	0.945	2.284	1.970	1.829	2.083	1.851	1.907	3.964	3.702	269397	SS18L1	NM_178750_2_+_1
Orai2	6.095	5.993	5.370	5.431	5.840	5.971	6.027	5.893	6.566	6.429	269717	ORAI2	NM_178751_5_-_1
Gdpgp1	2.856	2.224	2.672	2.532	2.602	2.594	2.146	2.237	2.991	2.728	269952	GDPGP1	NM_178752_7_+_1
Arhgap6	4.221	4.395	2.966	3.299	6.338	7.224	4.376	3.773	2.812	3.042	11856	ARHGAP6	NM_178754_X_+_1
Agbl2	-4.981	-2.681	-0.846	0.076	-3.581	-1.709	-4.936	-3.199	-4.981	-4.981	271813	AGBL2	NM_178755_2_+_1
Irf2bp1	3.830	3.735	3.825	3.991	3.842	3.903	3.827	3.872	4.272	4.252	272359	IRF2BP1	NM_178757_7_+_1
Timd4	2.475	-0.167	1.655	1.627	1.254	0.052	0.553	3.139	-0.103	-0.822	276891	TIMD4	NM_178759_11_+_1
Gpr107	5.176	5.340	5.164	5.259	5.322	5.462	5.288	5.392	5.632	5.732	277463	GPR107	NM_178760_2_+_1
Zfp672	0.426	-1.463	0.065	-0.426	-1.060	-0.536	0.289	-0.586	0.272	0.630	319475	ZNF672	NM_178761_11_-_1
Pced1a	3.035	3.160	1.616	2.171	2.053	2.673	1.765	2.129	1.829	2.798	319513	PCED1A	NM_178762_2_-_1
Zfp750	-0.584	-1.150	-0.780	-1.698	-0.794	-1.828	-1.982	-2.793	-1.523	-1.703	319530	ZNF750	NM_178763_11_-_1
Fam168a	4.119	4.587	5.578	6.345	4.730	5.471	4.800	5.356	4.829	5.476	319604	FAM168A	NM_178764_7_+_1
Slc25a40	1.591	2.868	1.805	3.031	2.352	3.484	2.258	2.676	2.320	2.482	319653	SLC25A40	NM_178766_5_+_1
Agmo	1.316	2.200	2.170	1.693	1.469	1.879	0.819	0.655	-0.775	0.896	319660	AGMO	NM_178767_12_+_1
Tmem72	-4.981	-4.981	-4.958	-2.945	-4.938	-2.856	-4.969	-4.976	-4.981	-4.227	319776	TMEM72	NM_178768_6_-_1
Klhl26	2.802	2.978	1.256	2.480	1.273	1.779	1.615	1.918	2.998	2.536	234378	KLHL26	NM_178771_8_-_1
Nceh1	7.433	7.853	4.151	4.282	4.593	4.462	4.851	5.280	5.953	6.389	320024	NCEH1	NM_178772_3_+_1
Prr18	-4.981	-1.810	-2.759	-2.719	-4.906	-4.119	-4.544	-3.653	-4.320	-1.119	320111	PRR18	NM_178774_17_+_1
Rps6kc1	2.208	1.780	4.128	4.088	3.863	3.883	3.812	3.919	4.283	4.346	320119	RPS6KC1	NM_178775_1_-_1
BC049715	-1.860	-2.587	-2.172	-3.373	-0.783	-2.737	-1.092	-4.345	-0.887	-4.342	320135	C12orf60	NM_178776_6_+_1
Nhlh2	-4.981	-4.981	-4.976	-4.882	-4.940	-4.778	-4.161	-4.601	-4.981	-4.981	18072	NHLH2	NM_178777_3_+_1
Scal	3.294	3.589	3.501	3.650	3.193	3.102	2.848	2.593	1.971	2.199	320271	SCAI	NM_178778_2_-_1
Rnf152	-3.774	-4.110	-3.933	-4.272	-4.924	-4.871	-4.740	-4.847	-4.981	-4.981	320311	RNF152	NM_178779_1_-_1
Bcorl1	-2.388	-0.514	-0.636	-0.285	-1.403	-1.466	-0.019	-0.492	1.172	0.900	320376	BCORL1	NM_178782_X_+_1
Rasal3	5.818	6.005	4.589	4.866	5.980	6.238	5.240	5.726	5.204	5.243	320484	RASAL3	NM_178785_17_-_1
Iffo1	-0.957	1.160	-1.933	-4.579	-1.251	-1.288	0.920	-3.078	0.473	-2.529	320678	IFFO1	NM_178787_6_+_1

Dctd	-0.922	-0.728	-0.282	-1.473	-0.290	-1.068	-0.588	-1.512	-4.815	-4.981	320685	DCTD	NM_178788_8_+1
Abi3bp	-4.981	-4.981	-4.981	-4.974	-4.906	-3.672	-4.887	-3.803	-4.981	-4.948	320712	NA	NM_178790_16_+1
Vstm4	1.222	-2.239	-0.379	-0.058	0.744	-0.775	0.079	1.039	-1.263	-4.316	320736	VSTM4	NM_178791_14_+1
Zrsr2	5.302	5.387	4.641	4.710	4.845	4.873	4.596	4.462	3.546	3.619	22184	ZRSR2	NM_178794_X_-1
Ppip5k1	2.426	3.004	3.114	3.596	3.051	3.360	2.717	3.248	2.665	3.468	327655	PPIP5K1	NM_178795_2_-1
A530064D06Rik	5.929	5.917	1.749	3.711	3.826	3.466	3.037	3.266	5.402	4.459	328830	NA	NM_178796_17_-1
Far2	2.405	2.725	1.936	1.327	1.833	1.369	2.175	1.433	1.786	2.022	330450	FAR2	NM_178797_6_+1
Slc7a6	5.685	5.533	4.371	4.535	3.997	4.193	4.393	4.157	3.679	3.572	330836	SLC7A6	NM_178798_8_+1
Acad12	0.996	0.041	-0.227	0.668	-0.239	0.365	0.376	0.895	1.270	0.881	338350	NA	NM_178799_5_-1
Tmem241	-1.109	-4.059	0.161	-1.943	0.031	0.063	-0.846	-0.620	-0.576	0.302	338363	TMEM241	NM_178801_18_-1
Trim65	2.631	2.687	1.897	1.822	2.180	2.260	2.374	2.248	3.354	3.113	338364	TRIM65	NM_178802_11_-1
Aebp2	2.993	2.764	4.466	4.568	5.661	5.666	4.653	4.066	1.973	3.255	11569	AEBP2	NM_178803_6_+1
Trappc12	2.309	3.371	3.935	3.815	4.103	3.936	3.688	3.889	3.751	4.058	217449	TRAPPC12	NM_178811_12_-1
Epsti1	2.890	2.293	4.095	4.299	2.801	2.287	2.287	1.784	1.419	1.419	108670	EPSTI1	NM_178825_14_+1
Zfp277	5.766	5.581	5.467	5.275	5.444	5.418	5.355	5.224	5.185	5.207	246196	ZNF277	NM_178845_12_-1
Sirt5	3.471	3.444	2.054	2.032	2.278	2.615	1.477	1.078	0.369	0.278	68346	SIRT5	NM_178848_13_+1
Vps39	5.243	5.055	5.183	5.204	5.415	5.253	5.385	4.830	5.449	4.750	269338	VPS39	NM_178851_2_-1
Cnot6l	4.641	4.347	3.459	4.242	4.395	4.663	4.685	4.507	4.759	5.328	231464	CNOT6L	NM_178854_5_-1
Gins2	2.795	2.192	3.729	3.834	3.896	3.463	3.533	3.421	1.376	1.048	272551	GINS2	NM_178856_8_-1
Ttll1	2.831	3.313	0.425	1.608	2.075	1.646	1.350	2.385	2.491	2.377	319953	TLL1	NM_178869_15_-1
Hs3st3a1	2.021	1.417	-4.979	-4.950	-4.947	-4.484	-4.767	-4.800	-4.981	-4.981	15478	HS3ST3A1	NM_178870_11_+1
Trim36	-4.813	-4.645	-4.319	-4.648	-4.067	-4.924	-4.662	-3.512	-4.456	-4.596	28105	TRIM36	NM_178872_18_-1
Adck2	4.813	4.960	4.687	4.650	4.995	5.041	4.825	4.869	5.079	5.088	57869	ADCK2	NM_178873_6_+1
Tmcc2	-4.981	1.792	1.465	3.201	3.099	3.787	2.917	2.704	2.277	2.203	68875	TMCC2	NM_178874_1_-1
Zfp935	4.235	3.973	4.063	3.616	3.861	3.719	3.410	3.440	3.061	3.754	71508	NA	NM_178875_13_-1
Ints3	2.224	2.001	1.343	2.559	2.007	2.078	1.779	0.158	1.511	3.184	229543	INTS3	NM_178876_3_-1
Hadha	4.969	4.924	5.304	5.385	5.346	5.269	5.380	5.426	5.278	5.349	97212	HADHA	NM_178878_5_-1
B3gnt9	3.008	3.168	-3.111	-4.965	-3.369	-4.280	-2.147	-0.833	-1.980	-2.699	97440	B3GNT9	NM_178879_8_-1
Son	8.637	8.812	8.341	8.236	8.709	8.837	8.715	8.550	7.898	7.895	20658	SON	NM_178880_16_+1
D2hgdh	3.387	2.854	3.485	2.851	3.845	3.340	3.726	3.087	3.873	3.777	98314	D2HGDH	NM_178882_1_+1
Gorab	3.136	3.097	2.830	3.083	3.227	3.048	3.289	3.100	3.520	3.759	98376	GORAB	NM_178883_1_-1
Al182371	-2.216	-4.981	-2.754	-3.210	-2.564	-3.620	-1.597	-3.881	-4.981	-4.771	98870	NA	NM_178885_2_-1
Ldlrad3	4.899	4.232	2.443	2.222	0.724	-0.409	4.861	5.101	8.096	7.787	241576	LDLRAD3	NM_178886_2_-1
Garnl3	2.039	2.865	-1.210	-0.608	-1.475	-3.555	-1.197	-1.342	-1.410	-2.574	99326	GARNL3	NM_178888_2_-1
Abt2	1.499	0.870	0.978	1.079	0.653	1.274	1.562	1.762	3.269	2.485	99382	ABT2	NM_178890_2_+1
Prmt6	3.749	4.242	3.893	4.122	2.976	3.308	2.681	3.180	2.926	2.716	99890	PRMT6	NM_178891_3_-1
Tiparp	5.164	5.206	5.725	5.505	5.979	5.947	5.844	5.842	6.337	6.194	99929	TIPARP	NM_178892_3_+1
Coro2a	-0.800	-3.454	-1.050	-2.395	-0.277	-0.545	-1.442	-1.956	-0.743	-4.557	107684	CORO2A	NM_178893_4_-1
AA792892	-4.981	-4.981	-4.634	-4.384	-4.316	-4.502	-3.801	-4.537	-4.981	-3.435	100554	NA	NM_178894_5_+1
Dcun1d4	3.732	2.929	2.534	1.306	2.090	1.882	2.298	1.322	2.467	1.891	100737	DCUN1D4	NM_178896_5_+1
Tyw1	-0.555	0.734	-0.267	-0.464	-0.672	-0.285	-1.041	-0.527	0.990	1.069	100929	TYW1	NM_178897_5_+1
Zfp956	3.933	3.547	3.580	3.255	4.045	3.786	3.462	3.144	2.761	2.588	101197	NA	NM_178898_6_+1
Hepacam2	-1.014	-1.991	7.489	7.511	-1.655	1.640	1.166	4.880	-1.218	1.750	101202	HEPACAM2	NM_178899_6_-1
Prkd2	2.523	2.541	2.706	2.721	4.148	4.471	3.249	3.455	2.342	2.071	101540	PRKD2	NM_178900_7_+1
Al467606	7.729	7.269	6.597	5.824	5.951	5.622	6.189	6.224	7.539	6.826	101602	C16orf54	NM_178901_7_+1
Mapkapk3	3.450	3.724	5.147	4.017	5.283	4.663	6.391	5.864	7.473	6.699	102626	MAPKAPK3	NM_178907_9_-1
Fam26e	-4.981	-4.981	-4.963	-4.963	-4.884	-4.523	-4.905	-4.555	-4.981	-2.993	103511	FAM26E	NM_178908_10_-1
Wdr92	4.806	4.794	4.880	4.055	4.481	4.398	4.622	3.981	4.202	4.014	103784	WDR92	NM_178909_11_+1
Pld4	10.919	10.989	9.339	9.565	9.976	9.864	9.785	9.965	10.677	10.795	104759	PLD4	NM_178911_12_+1
Fancm	0.794	1.562	1.508	2.119	2.353	2.384	1.642	1.991	1.520	1.853	104806	FANCM	NM_178912_12_+1
Spata7	2.647	1.663	0.472	0.792	-0.279	0.187	-0.626	0.038	-0.801	-0.223	104871	SPATA7	NM_178914_12_+1
Rfesd	5.168	4.573	3.729	2.991	3.826	3.319	3.651	3.259	3.204	3.072	218341	RFESD	NM_178916_13_-1
Utp15	4.052	4.277	4.629	4.594	4.681	4.434	4.385	4.652	4.773	4.334	105372	UTP15	NM_178918_13_-1
Lmf2	5.028	4.865	5.034	5.084	4.961	5.062	4.727	4.779	4.516	4.900	105847	LMF2	NM_178919_15_-1
Mal2	-4.981	-4.981	-4.981	-4.981	-3.245	0.888	-3.298	-2.493	-3.750	-4.981	105853	MAL2	NM_178920_15_+1
Hic2	0.401	1.213	1.063	0.933	1.309	0.701	1.206	1.132	1.626	1.564	58180	HIC2	NM_178922_16_+1
Scaf4	3.710	3.514	4.450	4.293	4.346	4.141	4.430	3.981	4.873	4.486	224432	SCAF4	NM_178923_16_-1
Upk1b	-1.623	-4.981	-2.393	-3.173	-4.962	-3.033	-2.728	-3.131	-4.981	-4.981	22268	UPK1B	NM_178924_16_-1
Nsun3	2.954	2.913	2.324	2.187	2.421	1.987	2.124	2.378	3.083	2.935	106338	NSUN3	NM_178925_16_-1
Vmac	3.048	1.835	0.441	0.668	-0.522	0.962	0.326	-0.061	0.171	1.534	106639	VMAC	NM_178926_17_-1
Afap1l1	-4.981	-4.981	-4.961	-4.587	-4.739	-3.995	-1.583	-2.942	-0.728	-1.270	106877	AFAP1L1	NM_178928_18_-1
Kazald1	-0.381	-0.559	-0.898	-1.331	-4.069	-3.362	-2.088	-3.194	-1.903	-1.774	107250	KAZALD1	NM_178929_19_+1
Gbf1	4.883	4.879	5.342	5.457	5.553	5.561	5.017	5.118	5.231	5.368	107338	GBF1	NM_178930_19_+1
Tnfrsf14	1.666	3.594	1.843	3.993	1.543	3.614	0.059	3.513	1.065	4.080	230979	TNFRSF14	NM_178931_4_-1
Aoc2	-1.373	-0.638	0.096	0.078	-0.341	-0.562	0.076	-1.200	-0.023	-0.124	237940	AOC2	NM_178932_11_+1
Slc2a12	-4.981	-4.981	-4.931	-4.931	-4.843	-4.877	-4.896	-4.779	-3.088	-4.981	353169	SLC2A12	NM_178934_10_+1
Txlng	3.581	3.374	2.978	2.742	3.182	3.010	3.524	3.502	3.491	3.978	353170	TXLNG	NM_178935_X_-1
Tmem56	-1.626	-0.442	-2.913	-0.619	-4.861	-0.426	-2.231	0.557	-4.981	-0.457	99887	TMEM56	NM_178936_3_-1
Pdrg1	6.779	6.858	6.348	6.118	6.396	6.125	5.988	5.745	4.752	4.981	68559	PDRG1	NM_178939_2_-1
Il17rc	-2.639	-0.629	-4.268	-1.011	-2.286	-4.131	-3.286	-0.880	-3.589	-0.559	171095	IL17RC	NM_178942_6_+1
Atad3a	4.402	4.433	4.834	4.988	4.665	4.651	4.485	4.740	4.265	3.965	108888	ATAD3A	NM_179203_4_-1
Reep4	5.205	5.396	4.567	4.873	5.028	4.961	4.896	4.937	4.809	4.643	72549	REEP4	NM_180588_14_+1
Mfap3	5.530	5.708	6.061	6.178	5.718	6.164	5.829	6.302	6.430	6.557	216760	MFAP3	NM_180599_11_+1
Ube2q2	6.179	6.203	5.472	5.501	4.644	5.051	4.928	5.342	5.600	6.108	109161	UBE2Q2	NM_180600_9_+1

Trappc9	4.069	4.109	4.930	5.002	4.672	4.556	4.563	4.172	4.811	4.922	76510	TRAPPC9	NM_180662_15_-_1
Gars	5.193	5.494	6.399	6.302	5.764	5.663	5.995	6.060	6.543	5.986	353172	GARS	NM_180678_6_+_1
Ndrgr3	-1.174	0.165	0.335	1.169	-0.431	0.239	-0.068	0.629	0.574	-0.208	29812	NDRG3	NM_180956_2_-_1
Terb1	-4.981	-4.981	-4.070	-2.041	-3.948	-4.593	-4.557	-2.206	-4.981	-3.498	320022	TERB1	NM_180958_8_-_1
Nnat	-2.533	-1.704	-3.581	-4.282	-4.746	-4.511	-3.737	-4.494	-4.981	-4.452	18111	NNAT	NM_180960_2_+_1
Cyhr1	0.358	-1.619	-2.128	-2.148	-2.931	-2.946	-4.786	-1.582	-2.853	-1.442	54151	CYHR1	NM_180962_15_-_1
Foxn2	3.784	3.788	5.487	5.709	5.480	5.504	5.702	5.739	6.292	7.023	14236	FOXN2	NM_180974_17_+_1
Adgrl1	-0.152	0.047	-0.062	0.179	2.480	2.347	0.778	0.311	-1.107	-1.367	330814	ADGRL1	NM_181039_8_+_1
Atpaf1	5.567	5.525	4.273	4.500	4.614	4.674	4.160	4.190	3.489	3.686	230649	ATPAF1	NM_181040_4_+_1
Caln1	-4.981	-4.981	-4.981	-4.981	-4.933	-4.029	-4.968	-4.975	-4.981	-4.981	140904	CALN1	NM_181045_5_+_1
Ncmap	-4.981	-4.799	-4.980	-4.974	-4.551	-4.553	-4.894	-3.659	-2.288	-4.973	230822	NCMAP	NM_181047_4_-_1
A13001015Rik	2.771	2.455	2.076	2.826	2.023	1.353	1.746	2.117	2.150	2.386	319266	C1orf74	NM_181048_1_+_1
Zbtb20	3.721	3.622	2.613	2.398	2.962	2.931	2.803	2.770	2.855	2.696	56490	ZBTB20	NM_181058_16_+_1
Cenpk	-4.780	-4.572	-3.654	-3.607	-1.498	-3.264	-2.975	-3.346	-2.740	-4.981	60411	CENPK	NM_181061_13_+_1
Brat1	3.300	2.846	2.895	3.434	3.691	3.664	3.185	2.575	3.994	3.643	231841	BRAT1	NM_181066_5_+_1
Rab18	7.258	7.478	6.746	6.875	6.409	6.598	6.729	6.884	6.873	7.305	19330	RAB18	NM_181070_18_+_1
Tanc2	2.527	2.819	1.831	1.626	1.229	1.170	0.345	0.727	-1.440	-0.723	77097	TANC2	NM_181071_11_+_1
Myo1e	-0.909	-1.925	-0.867	1.959	4.417	4.985	4.687	5.058	-0.581	1.183	71602	MYO1E	NM_181072_9_+_1
Plekhh1	0.095	-2.155	-1.440	-1.274	-4.025	-4.783	-2.991	-3.633	-0.425	-2.511	211945	PLEKHH1	NM_181073_12_+_1
Lingo1	-3.843	-3.267	-4.969	-4.746	-2.429	-1.664	-4.964	-3.448	-4.981	-4.981	235402	LINGO1	NM_181074_9_-_1
2610524H06Rik	5.364	4.626	4.843	4.426	3.761	3.776	3.923	4.024	3.238	2.925	330173	NA	NM_181075_5_-_1
Zfp120	4.157	4.184	4.128	3.706	4.597	3.568	4.866	3.993	4.376	4.343	104348	NA	NM_181266_2_-_1
Zfp869	0.005	2.656	2.250	2.938	3.748	4.117	3.665	3.311	1.791	2.702	66869	ZNF91	NM_181274_8_-_1
Col14a1	-0.476	-4.981	-0.077	-0.545	1.163	-0.426	-0.017	-0.001	-3.109	-1.131	12818	COL14A1	NM_181277_15_+_1
B230219D22Rik	5.454	4.830	6.452	6.192	5.499	5.432	5.866	5.838	5.992	6.540	78521	C5orf24	NM_181278_13_+_1
Bre	-4.981	-4.864	-4.970	-4.978	-3.336	-3.272	-4.981	-4.981	-4.868	-4.981	107976	BRE	NM_181279_5_+_1
Bre	-4.816	-4.686	-4.006	-4.053	-2.398	-4.964	-4.948	-4.965	-1.861	-4.960	107976	BRE	NM_181280_5_+_1
Bre	-4.702	-4.434	-4.784	-4.881	-4.964	-3.976	-4.778	-4.969	-4.748	-4.886	107976	BRE	NM_181281_5_+_1
Bre	-4.500	-4.100	-4.778	-3.374	-4.941	-4.967	-4.853	-4.968	-4.662	-4.867	107976	BRE	NM_181282_5_+_1
Car5b	0.410	-0.200	-1.818	-1.462	-2.188	-2.477	-0.791	1.006	-0.212	1.489	56078	CASB	NM_181315_X_-_1
Bbs9	2.932	3.020	4.273	4.921	6.568	7.376	5.265	4.903	2.540	1.886	319845	BBS9	NM_181316_9_+_1
Rasgef1b	1.297	-0.078	5.210	5.045	6.960	7.108	5.530	5.321	2.576	3.317	320292	RASGEF1B	NM_181318_5_-_1
Tmc6	-0.485	-0.444	-0.154	-0.447	-0.781	-0.522	-0.278	-0.715	2.625	1.659	217353	TMC6	NM_181321_11_-_1
Ctcf	7.127	7.159	6.312	6.348	6.893	6.851	6.678	6.560	6.096	6.163	13018	CTCF	NM_181322_8_+_1
Cwh43	-4.981	-4.981	-3.475	-4.088	-4.981	-4.981	-4.939	-4.910	-4.981	-4.981	231293	CWH43	NM_181323_5_+_1
Ddx6	4.717	4.560	5.011	4.924	5.381	5.394	4.776	4.543	4.134	4.318	13209	DDX6	NM_181324_9_+_1
Slc25a15	3.212	2.639	2.675	2.653	1.391	1.194	2.280	2.281	3.199	3.278	18408	SLC25A15	NM_181325_8_-_1
Slc25a29	3.114	3.383	2.279	2.596	2.526	2.660	1.829	1.218	0.255	0.233	214663	SLC25A29	NM_181328_12_-_1
C1rl	-3.349	-0.240	-3.995	-2.440	-2.683	-2.108	-0.078	1.244	4.326	4.567	232371	C1RL	NM_181344_6_+_1
Npm2	-4.981	-4.981	-3.777	-2.903	-4.683	-4.980	-3.528	-3.916	-4.190	-4.227	328440	NPM2	NM_181345_14_-_1
Dennd1b	-1.510	-2.803	-0.211	-2.649	-0.778	-3.770	-1.957	-0.294	-0.969	1.209	329260	DENND1B	NM_181347_1_+_1
Prune2	-1.712	-1.594	-1.860	-3.775	-0.001	-3.841	-0.836	-4.806	0.464	-0.838	353211	PRUNE2	NM_181348_19_+_1
Mustn1	-2.483	-4.981	-1.346	-2.654	-0.349	-2.642	-0.259	-2.737	0.069	-2.404	66175	MUSTN1	NM_181390_14_+_1
Chchd7	5.095	4.965	3.667	3.791	3.674	3.736	4.094	3.904	3.591	3.536	66433	CHCHD7	NM_181391_4_+_1
Gtf2h5	6.498	6.310	6.140	6.022	5.844	5.791	6.044	5.791	5.179	5.093	66467	GTF2H5	NM_181392_17_+_1
Anapc13	6.214	5.677	6.332	5.948	6.469	5.911	6.484	5.724	5.225	4.616	69010	ANAPC13	NM_181394_9_+_1
Pxdn	-4.981	-4.981	-1.903	-4.016	-1.726	-4.023	-4.938	-2.334	-4.981	-3.855	69675	PXDN	NM_181395_12_+_1
Rftn1	7.539	7.883	5.300	6.088	4.051	4.041	5.793	6.966	7.139	7.733	76438	RFTN1	NM_181397_17_-_1
Usp6nl	-3.473	-3.539	0.023	-1.850	-4.776	-3.762	0.944	-1.237	-1.271	0.683	98910	USP6NL	NM_181399_2_+_1
Wdr47	2.179	2.745	2.177	1.884	2.786	3.166	2.651	2.732	3.362	3.432	99512	WDR47	NM_181400_3_+_1
Tmem64	3.946	4.362	5.388	5.493	5.802	6.030	5.256	4.764	3.367	3.700	100201	TMEM64	NM_181401_4_+_1
Parp11	3.675	3.600	3.846	4.191	3.719	4.197	3.591	3.957	3.974	4.488	101187	PARP11	NM_181402_6_+_1
Vps37c	4.097	4.059	5.878	5.847	4.876	4.845	4.895	5.173	5.667	5.381	107305	VPS37C	NM_181403_19_+_1
Rnpepl1	5.252	5.636	5.165	5.214	4.941	4.879	5.124	5.379	6.199	6.215	108657	RNPEPL1	NM_181405_1_+_1
Rars2	5.451	5.428	4.977	5.042	4.789	4.731	4.504	4.743	4.103	4.243	109093	RARS2	NM_181406_4_+_1
Me3	-2.178	-0.051	-4.821	-4.973	-4.761	-4.707	-4.974	-4.978	-4.981	-4.981	109264	ME3	NM_181407_7_+_1
Mtmr11	2.509	1.493	0.039	-0.652	0.131	-0.532	-0.382	-1.217	-0.681	0.534	194126	MTMR11	NM_181409_3_+_1
Gtf2h3	4.941	5.074	4.650	4.840	4.568	4.591	4.144	4.407	3.466	3.755	209357	GTF2H3	NM_181410_5_+_1
Aftph	4.975	4.792	6.169	6.072	5.987	6.047	5.910	5.878	5.880	6.141	216549	AFTPH	NM_181411_11_-_1
Zbed4	3.666	3.597	3.344	3.096	3.521	3.151	3.654	3.489	3.907	4.161	223773	NA	NM_181412_15_+_1
Anks1	2.728	2.783	3.920	3.421	3.498	3.378	3.633	3.314	4.571	4.557	224650	ANKS1A	NM_181413_17_+_1
Pik3c3	4.745	4.963	4.868	5.017	4.764	4.886	4.795	5.120	5.357	5.416	225326	PIK3C3	NM_181414_18_+_1
Atrnl1	2.773	3.184	1.078	0.687	3.529	3.007	3.744	3.638	5.896	6.327	226255	ATRNL1	NM_181415_19_+_1
Arhgap11a	3.918	4.293	5.069	4.909	5.280	5.360	5.324	5.038	5.430	5.942	228482	ARHGAP11A	NM_181416_2_-_1
Csrp2bp	3.864	3.988	3.960	3.903	4.363	4.123	3.932	4.363	4.816	4.751	228714	KAT14	NM_181417_2_+_1
Ushbp1	-0.551	-4.981	-2.585	-2.923	-3.717	-4.685	-3.811	-1.975	-2.029	-2.438	234395	USHBP1	NM_181418_8_-_1
Zfp599	3.689	2.649	2.246	2.286	2.584	2.211	0.870	1.049	-2.177	0.111	235048	NA	NM_181419_9_-_1
Fn3krp	0.785	0.500	-0.120	0.376	-0.101	0.361	-0.755	-0.386	-0.015	-1.231	238024	FN3KRP	NM_181420_11_+_1
Gm15800	4.421	4.727	4.936	4.702	4.766	4.957	3.754	3.988	3.939	3.626	269700	HECTD4	NM_181421_5_+_1
Supv3l1	3.702	3.736	3.658	3.824	3.869	4.029	3.822	3.791	4.112	3.771	338359	SUPV3L1	NM_181423_10_-_1
Mtg2	4.095	4.470	3.634	3.909	3.761	3.994	3.487	3.939	2.666	3.076	52856	MTG2	NM_181424_2_+_1
Gprc5a	-1.217	-0.682	-0.246	-1.832	-0.240	-2.511	0.365	-0.265	1.337	0.692	232431	GPRC5A	NM_181444_6_+_1
Fam89b	5.403	5.558	5.739	5.662	5.206	5.198	6.065	6.026	6.767	6.687	17826	FAM89B	NM_181452_19_-_1
Ltv1	5.549	5.525	5.498	5.545	5.379	5.496	5.641	5.691	5.937	5.444	353258	LTV1	NM_181470_10_-_1

Taz	6.045	6.032	5.389	5.781	5.625	6.182	5.536	5.790	5.549	5.171	66826	TAZ	NM_181516_X_+1
Ipo7	2.241	2.058	4.688	4.321	4.806	4.298	5.241	4.705	5.055	6.117	233726	IPO7	NM_181517_7_+1
Syt15	-0.744	-0.769	-1.641	-3.642	-2.398	-2.879	-1.062	-3.301	-2.377	-2.308	319508	SYT15	NM_181529_14_+1
Tm6sf2	-4.981	-2.473	-3.277	-4.199	-2.909	-3.953	-3.799	-4.220	-4.981	-4.981	107770	TM6SF2	NM_181540_8_+1
Caprin2	0.272	1.064	0.918	-0.381	1.270	0.783	0.030	0.246	-0.077	-1.079	232560	CAPRIN2	NM_181541_6_-1
Pkd1l3	-3.494	-3.012	-2.820	-4.441	-4.444	-4.361	-3.461	-2.148	-2.540	-3.695	244646	PKD1L3	NM_181544_8_+1
Slfm8	5.349	5.294	3.743	3.661	5.257	4.606	5.288	4.912	6.636	6.155	276950	SLFM13	NM_181545_11_-1
Syt14	-4.981	-2.131	-4.521	-3.583	-4.105	-3.620	-4.770	-4.355	-4.981	-4.472	329324	SYT14	NM_181546_1_-1
Nostrin	2.563	1.492	5.145	5.285	5.462	5.705	5.109	4.522	3.734	3.613	329416	NOSTRIN	NM_181547_2_+1
Nprl3	5.239	5.012	3.930	4.033	4.316	4.600	3.953	4.025	3.742	3.631	17168	NPRL3	NM_181569_11_-1
Ccdc85a	-4.981	-4.981	-4.947	-4.930	-4.961	-4.944	-4.955	-3.918	-4.194	-4.773	216613	CCDC85A	NM_181577_11_-1
Eif5a	9.971	9.831	9.557	9.809	9.344	9.355	9.232	9.568	9.309	9.054	276770	EIF5A	NM_181582_11_-1
Gab3	4.970	4.971	2.300	2.811	3.086	3.310	3.490	3.385	4.009	3.682	210710	GAB3	NM_181584_X_-1
Pik3r3	-0.354	-0.186	0.807	1.549	1.758	2.295	0.329	-1.474	0.293	0.421	18710	PIK3R3	NM_181585_4_+1
Sirt6	2.499	2.650	2.136	2.118	2.334	2.091	1.515	1.636	2.124	2.052	50721	SIRT6	NM_181586_10_-1
Cmb1	1.636	0.485	0.442	1.173	1.380	0.935	0.695	1.408	-0.769	-1.559	69574	CMBL	NM_181588_15_+1
Ckap2l	-0.082	-1.243	3.298	3.812	3.870	3.568	3.611	3.091	2.341	2.026	70466	CKAP2L	NM_181589_2_-1
Shq1	2.677	2.962	2.627	2.744	2.327	2.301	2.566	2.736	2.589	2.606	72171	SHQ1	NM_181590_6_-1
Nme8	-4.981	-4.981	-4.952	-4.952	-4.946	-4.946	-4.941	-4.915	-4.981	-4.981	73412	NME8	NM_181591_13_-1
Itpkc	2.314	1.868	2.594	2.113	2.666	1.982	2.513	2.119	2.730	3.084	233011	ITPKC	NM_181593_7_-1
Edc4	3.226	1.915	2.689	2.462	2.847	2.783	3.027	1.889	3.489	3.449	234699	EDC4	NM_181594_8_+1
Ppp1r9a	-1.853	-3.315	-3.167	-0.991	1.843	3.209	-0.727	0.883	-1.460	1.893	243725	PPP1R9A	NM_181595_6_+1
Retnlg	-3.349	-0.610	-2.475	0.629	-1.648	3.109	1.096	4.377	3.056	-0.543	245195	NA	NM_181596_16_+1
Gpatch11	5.588	6.004	4.833	5.095	4.848	5.061	4.891	4.850	4.298	4.632	53951	GPATCH11	NM_181649_17_+1
Prdm4	1.666	1.293	2.330	2.159	2.381	2.450	2.024	1.901	3.177	2.793	72843	PRDM4	NM_181650_10_-1
Plppr3	1.558	0.473	-4.513	-4.861	-2.560	-3.903	-4.296	-3.325	2.278	2.306	216152	PLPPR3	NM_181681_10_-1
Dsg1b	-4.981	-4.981	-4.976	-4.882	-4.953	-2.779	-4.943	-4.917	-4.981	-4.981	225256	DSG1	NM_181682_18_+1
Art3	-4.981	-4.981	0.399	-0.499	0.180	0.982	-0.397	-0.767	-4.981	-3.233	109979	ART3	NM_181728_5_+1
Record_removed	-2.268	-4.981	-3.126	-3.921	-3.415	-4.362	-4.653	-4.415	-3.750	-2.708	Record_remove	NA	NM_181729_7_-1
Polr1d	6.177	5.777	6.186	5.769	5.344	4.987	5.694	5.320	5.535	5.146	20018	POLR1D	NM_181730_5_+1
Cabyr	-1.984	-1.459	-3.230	-4.961	-4.327	-4.962	-2.926	-4.419	-1.973	-2.426	71132	CABYR	NM_181731_18_+1
Aida	4.091	3.883	3.944	3.997	3.505	3.021	3.462	3.679	4.420	4.588	108909	AIDA	NM_181732_1_+1
Ttpal	3.389	3.451	2.020	2.982	2.672	3.479	2.185	2.968	4.106	4.490	76080	TTPAL	NM_181734_2_+1
Ffar4	2.152	2.646	5.859	5.895	4.524	4.366	4.751	3.838	0.865	0.992	107221	FFAR4	NM_181748_19_+1
R3hdm1	5.420	5.529	5.324	5.381	5.516	5.960	5.235	4.996	4.656	4.839	226412	R3HDM1	NM_181750_1_+1
Gpr135	-4.981	-1.029	-1.842	-1.876	-4.501	-4.259	-4.900	-4.499	-2.792	-4.227	238252	GPR135	NM_181752_12_-1
Opn5	-4.981	-4.981	-4.981	-4.981	-4.719	-4.708	-4.981	-4.981	-4.981	-4.981	353344	OPN5	NM_181753_17_-1
Gpr141	1.874	0.052	5.313	4.695	6.712	7.064	7.189	7.226	8.727	9.021	353346	GPR141	NM_181754_13_-1
Gstp2	1.371	0.264	0.910	-1.095	0.609	-0.285	0.859	0.818	1.595	1.124	14869	GSTP1	NM_181796_19_-1
Cep128	5.026	6.093	4.083	4.242	3.928	3.709	3.520	3.904	3.868	3.722	75216	CEP128	NM_181815_12_-1
Tmc4	0.892	1.169	1.685	1.485	1.776	1.330	1.354	0.377	0.714	0.161	353499	TMC4	NM_181820_7_-1
Hcfc1r1	6.065	5.839	5.273	5.057	5.453	5.175	5.787	5.116	5.094	4.602	353502	HCFC1R1	NM_181821_17_+1
Optn	1.799	1.481	2.018	2.597	1.482	2.059	0.907	1.697	0.899	0.759	71648	OPTN	NM_181848_2_-1
Trim66	-2.939	-3.172	-4.844	-3.387	-5.001	-4.872	-4.977	-4.258	-1.820	-4.981	330627	TRIM66	NM_181853_7_-1
Champ1	3.046	3.110	4.204	4.111	3.932	3.775	3.895	3.975	4.180	4.253	101994	CHAMP1	NM_181854_8_+1
Tmc8	1.644	3.563	-0.044	2.403	1.333	3.117	1.553	3.161	3.667	2.970	217356	TMC8	NM_181856_11_+1
Poln	-3.861	-4.981	-4.513	-4.676	-4.475	-4.833	-4.071	-4.740	-3.722	-4.751	272158	NA	NM_181857_5_-1
Cd59b	-1.937	0.060	-3.900	-3.199	-4.787	-3.336	-4.973	-2.163	-4.981	-4.981	333883	CD59	NM_181858_2_+1
Mkl2	-0.799	-0.745	-0.097	0.229	0.085	0.091	-1.728	-1.250	-4.956	-1.839	239719	MKL2	NM_181860_16_+1
Rerg	-4.981	-4.981	-4.959	-4.959	-4.976	-4.862	-4.981	-4.981	-4.981	-4.981	232441	RERL2	NM_181888_6_-1
Hnrnpa2b1	6.808	6.214	5.852	5.058	4.726	3.391	5.120	3.336	5.178	3.897	53379	HNRNPA2B1	NM_182650_6_-1
Ggn	-4.981	-4.981	-1.583	-2.367	-0.201	-0.398	-1.208	-2.912	-0.690	-0.692	243897	GGN	NM_182694_7_+1
Ggn	-4.981	-4.981	-4.286	-4.612	-4.156	-4.687	-4.588	-4.975	-4.981	-3.232	243897	GGN	NM_182696_7_+1
Myo15	-4.981	-4.981	-0.461	-2.797	0.769	0.384	0.768	-0.300	-0.297	-2.750	17910	MYO15A	NM_182698_11_+1
Nfasc	-4.981	-4.378	-4.962	-4.601	-3.880	-3.979	-4.139	-4.439	-4.879	-1.681	269116	NFASC	NM_182716_1_-1
Klhl25	1.190	2.540	0.737	0.975	0.882	1.279	0.119	0.970	0.553	1.657	207952	KLHL25	NM_182782_7_+1
Fam167b	-4.981	-4.981	-4.898	-4.252	-3.624	-3.600	-3.338	-1.348	-3.531	-4.981	230766	FAM167B	NM_182783_4_-1
Gpt	2.240	2.164	1.405	1.107	0.734	0.947	0.599	0.135	0.308	0.272	76282	GPT	NM_182805_15_+1
Gpr18	7.836	7.285	5.872	5.852	7.281	7.393	7.148	7.053	6.035	5.887	110168	GPR18	NM_182806_14_-1
Fam19a2	-4.981	-4.981	-4.971	-4.971	-4.972	-4.972	-4.909	-4.680	-4.981	-4.981	268354	FAM19A2	NM_182807_10_+1
Ntrk3	-4.981	-4.981	-4.981	-4.981	-4.926	-4.037	-3.850	-2.217	-4.981	-4.981	18213	NTRK3	NM_182809_7_-1
Tppp	1.758	2.346	-1.844	-1.306	-2.082	-1.211	-1.274	-0.800	0.707	-0.064	72948	TPPP	NM_182839_13_+1
Tmem150c	-4.981	-4.981	1.687	1.743	3.600	3.748	1.290	-0.258	-4.981	-4.981	231503	TMEM150C	NM_182841_5_-1
Spred3	-2.842	-4.981	-0.473	-0.546	1.363	1.018	0.393	-0.739	-1.244	-0.747	101809	SPRED3	NM_182927_7_-1
Adm2	-4.981	-4.981	-3.872	-2.672	-2.557	-2.457	-4.585	-4.697	-4.981	-4.981	223780	ADM2	NM_182928_15_+1
Rims3	-3.563	-2.137	-3.000	-3.599	-1.266	-3.396	-1.940	-1.052	-1.383	0.040	242662	RIMS3	NM_182929_4_+1
Plekha6	-4.356	-3.655	-4.389	-4.854	-4.866	-4.957	-4.920	-3.243	-0.963	-4.680	240753	NA	NM_182930_1_+1
Ppp4r2	5.330	5.182	5.456	5.402	5.300	5.374	5.353	4.887	4.959	5.180	232314	PPP4R2	NM_182939_6_+1
Slc17a8	-4.981	-4.981	-0.120	-4.921	-3.222	-4.370	-3.741	-4.985	-4.981	-4.981	216227	SLC17A8	NM_182959_10_-1
Ssrp1	4.742	4.653	5.260	5.141	4.665	4.886	5.010	4.983	5.112	4.946	20833	SSRP1	NM_182990_2_+1
Slc17a7	-4.981	-4.981	-4.850	-2.635	-4.721	-4.977	-4.952	-2.755	-4.981	-2.713	72961	SLC17A7	NM_182993_7_+1
Arl5a	5.775	5.557	6.857	6.117	6.461	5.981	6.842	6.401	6.604	7.146	75423	ARL5A	NM_182994_2_-1
Ccp110	1.987	2.447	1.832	2.062	2.671	2.696	2.103	2.099	1.510	2.154	101565	CCP110	NM_182995_7_+1
Zfp692	2.680	2.695	2.854	2.811	3.287	3.120	3.183	3.560	3.654	3.500	103836	ZNF692	NM_182996_11_+1

Prkab2	2.702	2.371	4.728	4.112	2.730	1.929	3.748	3.862	5.269	5.235	108097	PRKAB2	NM_182997_3_+1
Rnf20	4.332	5.041	4.925	4.890	4.805	5.053	4.779	4.704	4.204	4.471	109331	RNF20	NM_182999_4_+1
Asic3	-4.981	-4.981	-4.966	-4.969	-4.949	-4.642	-4.979	-4.981	-4.951	-4.981	171209	ASIC3	NM_183000_5_+1
Zfp184	-1.511	-0.518	0.325	-0.260	0.529	0.177	-0.601	-1.994	-4.981	-1.891	193452	ZNF184	NM_183014_13_+1
Cdc42bpb	1.797	1.801	3.058	3.057	2.303	2.558	2.111	2.245	3.544	3.649	217866	CDC42BPB	NM_183016_12_-1
Ttl12	4.043	3.822	2.965	3.556	2.549	2.925	2.396	3.593	1.726	2.656	223723	TTL12	NM_183017_15_-1
Arhgef4	2.591	2.978	2.147	2.007	2.282	2.276	1.741	1.177	2.378	2.150	226970	ARHGEF4	NM_183019_1_+1
Atxn2l	4.635	4.891	5.680	5.538	5.793	5.813	5.291	5.507	5.807	5.822	233871	ATXN2L	NM_183020_7_-1
Thada	3.098	2.934	3.282	3.098	4.172	4.001	3.492	3.468	3.078	3.159	240174	THADA	NM_183021_17_-1
Raver2	-1.550	0.454	-0.644	-1.332	-1.266	-2.157	-1.353	-0.415	-0.263	-0.840	242570	RAVER2	NM_183024_4_+1
A430033K04Rik	2.566	2.007	1.557	1.259	2.548	2.246	2.024	0.792	1.498	1.139	243308	NA	NM_183025_5_+1
Ap1s3	1.801	1.267	3.652	3.792	2.637	3.180	2.367	2.102	-0.180	-0.948	252903	AP1S3	NM_183027_1_-1
Pcmtd1	5.668	5.775	5.158	5.199	5.007	5.178	5.039	5.211	4.660	5.408	319263	PCMTD1	NM_183028_1_+1
Igf2bp2	-0.707	-2.437	-4.253	-2.874	-4.668	-4.410	-3.343	-4.347	-1.737	-2.384	319765	IGF2BP2	NM_183029_16_-1
Gpr183	8.552	8.868	5.917	6.031	8.809	9.130	7.823	7.677	6.158	6.435	321019	GPR183	NM_183031_14_-1
Zfp516	0.966	1.493	4.887	4.378	4.597	4.524	4.386	3.676	4.784	4.580	329003	ZNF516	NM_183033_18_+1
Plekhh1	3.476	3.495	4.408	4.315	4.322	4.269	4.419	4.546	5.884	5.613	353047	PLEKHH1	NM_183034_11_-1
Trim46	-4.733	-4.730	-4.924	-4.909	-4.944	-4.956	-4.941	-4.974	-4.792	-2.091	360213	TRIM46	NM_183037_3_-1
Defb40	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-1.645	-4.088	-4.981	-4.981	360217	NA	NM_183039_8_-1
Kif20b	1.291	1.677	3.329	3.314	3.933	3.498	3.531	2.724	0.856	1.129	240641	KIF20B	NM_183046_19_+1
Mrps10	-0.839	-0.907	0.556	-1.037	0.020	-0.047	-0.149	-0.174	-0.211	-0.376	64657	MRP510	NM_183086_17_+1
Fam189a1	-4.981	-1.656	-2.722	-3.687	-3.609	-4.247	-4.162	-4.926	-4.981	-4.981	70638	FAM189A1	NM_183087_7_-1
Zbed5	-0.018	0.526	-0.071	0.071	-0.713	-0.583	-0.358	-0.050	-0.946	-0.843	71970	ZBED5	NM_183088_5_+1
Dsccl	0.561	-0.975	2.216	2.255	2.711	2.252	2.461	2.078	0.096	-0.799	72107	DSCC1	NM_183089_15_-1
Tonsl	-0.427	1.517	1.515	1.626	2.816	2.229	1.730	2.082	1.065	1.419	72749	TONSL	NM_183091_15_-1
Xlr4c	3.440	3.711	2.244	3.208	3.365	4.131	2.539	3.347	1.237	2.473	72891	NA	NM_183094_X_-1
1700067K01Rik	-3.028	-3.408	-4.232	-4.977	-4.199	-4.486	-3.818	-4.978	-2.905	-3.233	73453	C19orf67	NM_183097_8_+1
Ttc17	4.025	3.781	4.285	4.095	4.779	4.716	4.512	4.494	5.294	5.303	74569	TTC17	NM_183106_2_-1
170002915Rik	-3.843	-3.315	-3.643	-3.948	-1.323	-2.220	-2.573	-3.020	-3.823	-3.209	75641	C11orf94	NM_183112_2_+1
Ccdc125	-0.462	-0.516	-0.767	-1.549	1.484	1.174	2.989	3.304	6.018	5.850	76041	CCDC125	NM_183115_13_+1
Slc18b1	1.640	1.578	-2.316	-1.756	-3.284	-0.088	-2.599	-1.950	-1.636	-4.054	76306	SLC18B1	NM_183116_10_+1
Zfp972	0.611	-1.736	0.765	-1.108	0.498	-1.103	0.087	-1.184	-0.754	-2.566	78703	NA	NM_183135_2_-1
Tepsin	3.309	3.441	3.855	3.525	3.788	4.037	3.654	3.957	4.137	4.265	78777	TEPSIN	NM_183137_11_-1
Tet3	4.932	4.963	5.488	5.378	5.389	5.295	5.274	5.286	5.519	5.554	194388	TET3	NM_183138_6_-1
Plid6	-4.946	-4.836	-2.846	-2.948	-4.980	-4.395	-4.854	-4.927	-4.981	-4.967	194908	NA	NM_183139_11_-1
Zfp691	1.103	4.140	-4.952	-0.322	-2.569	-1.081	-3.976	0.476	-1.836	0.594	195522	ZNF691	NM_183140_4_-1
Alg11	-3.882	-1.042	-3.611	-0.781	-1.270	-4.955	-0.797	-3.566	1.364	0.348	207958	ALG11	NM_183142_8_+1
Inpp5a	-3.197	0.252	-2.197	-1.252	-1.221	-1.389	0.874	-2.545	0.164	-1.430	212111	INPP5A	NM_183144_7_+1
Zfp729a	3.087	4.827	3.294	4.109	3.373	4.969	3.432	4.378	2.943	4.720	212281	ZNF729	NM_183146_13_-1
Iffo2	-0.130	1.737	-1.416	-0.369	-2.077	0.130	-1.177	-1.535	-4.403	0.727	212632	IFFO2	NM_183148_4_+1
Zfp598	3.180	3.076	3.204	3.238	3.679	3.443	3.689	3.285	3.552	3.526	213753	ZNF598	NM_183149_17_+1
BC003965	5.886	5.865	5.209	5.176	5.452	5.600	5.377	5.335	4.567	4.533	214489	C16orf91	NM_183150_17_+1
Zfyve1	2.554	2.569	3.136	3.078	2.603	2.775	2.668	2.772	3.444	3.793	217695	ZFYVE1	NM_183154_12_-1
Nrde2	1.727	2.168	2.286	2.484	2.353	2.277	2.399	2.315	2.985	2.511	217827	NRDE2	NM_183155_12_-1
Cyp2ab1	-3.843	-4.981	-4.729	-3.784	-4.982	-3.934	2.863	2.906	4.766	4.722	224044	NA	NM_183158_16_-1
Slc17a9	1.818	1.322	1.990	2.299	1.633	1.864	1.684	2.228	1.917	1.186	228993	SLC17A9	NM_183161_2_+1
Helz2	4.526	4.539	4.022	3.616	5.286	4.667	4.614	4.199	4.832	4.101	229003	HELZ2	NM_183162_2_-1
Rhbdl2	-4.981	-4.981	-4.977	-3.718	-3.162	-1.896	-3.794	-4.029	-4.981	-4.981	230726	RHBDL2	NM_183163_4_+1
Pyroxd1	4.219	4.243	3.360	2.963	3.885	2.972	3.881	3.032	3.833	3.258	232491	PYROXD1	NM_183165_6_+1
Al987944	3.811	3.924	2.904	2.030	1.931	1.347	2.907	3.076	3.231	3.622	233168	NA	NM_183167_7_-1
P2ry6	4.297	4.625	5.870	6.125	4.180	4.242	5.589	6.115	6.483	7.048	233571	P2RY6	NM_183168_7_-1
Mpv17l2	6.144	5.894	5.076	4.938	5.099	5.134	5.183	5.130	5.400	4.832	234384	MPV17L2	NM_183170_8_-1
Ric8b	2.319	1.984	-0.202	0.126	2.485	1.990	0.377	2.385	2.210	1.630	237422	RIC8B	NM_183172_10_+1
Sowaha	-2.273	-2.883	-3.933	-1.081	-4.467	-1.483	-4.200	-3.156	-4.981	-4.227	237761	SOWAHA	NM_183173_11_-1
Homez	1.547	2.060	0.938	0.845	1.005	1.110	-0.457	1.026	1.439	1.859	239099	HOMEZ	NM_183174_14_-1
C1qtnf9	-4.981	-4.981	-4.981	-4.981	-4.104	-4.945	-3.473	-4.897	-4.981	-4.227	239126	C1QTNF9B	NM_183175_14_+1
Zfp811	-4.981	-0.291	-3.769	-2.270	-2.983	-1.490	-2.720	-1.161	-2.781	-1.146	240063	NA	NM_183177_17_-1
Tspan18	-4.981	-4.981	-4.985	-4.523	-4.877	-4.758	-4.330	-4.304	-4.981	-1.443	241556	TSPAN18	NM_183180_2_-1
Abhd16b	-4.981	-4.981	-0.965	-0.278	-0.156	-0.399	-2.215	-2.028	-4.981	-4.981	241850	ABHD16B	NM_183181_2_+1
Gprin3	0.045	-0.769	-2.299	-1.681	-4.040	-3.645	-2.466	-0.704	2.135	1.122	243385	GPRIN3	NM_183183_6_-1
Zfp300	-0.133	-1.181	-1.852	-2.094	-0.744	-1.208	-2.013	-2.858	-4.981	-2.867	245368	ZNF567	NM_183185_X_-1
Foxn3	5.452	5.374	4.998	4.530	6.417	5.333	6.400	5.610	6.490	5.931	71375	NA	NM_183186_12_-1
Marveld1	2.060	2.589	5.333	5.094	7.954	8.056	7.304	6.753	3.902	4.043	277010	MARVELD1	NM_183195_19_+1
Usp44	-4.981	-4.981	-4.959	-4.436	-4.720	-4.872	-4.981	-4.981	-4.981	-4.981	327799	USP44	NM_183199_10_+1
Slfn5	4.834	4.380	6.553	5.514	6.134	5.048	6.736	6.253	8.116	7.298	327978	SLFN5	NM_183201_11_+1
Zmiz1	5.134	5.333	6.544	6.532	6.992	6.814	7.191	7.103	7.100	7.344	328365	ZMIZ1	NM_183208_14_+1
Gprin2	-4.981	-4.981	-4.490	-4.601	-4.559	-4.601	-4.974	-4.978	-4.981	-4.981	432839	GPRIN2	NM_183209_14_-1
Scd4	-0.606	-1.291	2.745	-2.250	-1.530	-2.696	-1.719	-2.163	-1.080	-1.231	329065	NA	NM_183216_19_+1
Accs	0.818	-2.169	2.600	2.780	-1.598	0.281	2.074	1.404	2.458	2.261	329470	ACCS	NM_183220_2_-1
Fat4	-4.981	-4.981	-4.951	-4.951	-4.881	-4.812	-4.939	-4.337	-4.981	-4.981	329628	FAT4	NM_183221_3_+1
Fcrl5	-0.775	-2.853	-4.182	-4.102	-1.042	-3.651	1.048	-4.501	-4.981	-4.963	329693	FCLR5	NM_183222_3_+1
Fam19a3	-4.981	-4.981	-4.731	-3.543	-4.956	-4.771	-4.118	-3.764	-4.981	-4.981	329731	FAM19A3	NM_183224_3_-1
Usp24	5.000	4.941	4.762	4.662	4.493	4.756	4.606	4.538	4.218	4.536	329908	USP24	NM_183225_4_+1
Wfdc21	1.412	-2.087	-2.891	-1.588	0.319	1.723	-0.419	2.835	4.843	-0.094	66107	NA	NM_183249_11_+1

Tma7	8.204	8.077	8.118	8.183	8.174	8.306	8.345	8.073	7.069	6.901	66167	TMA7	NM_183250_9_-1
Aamdc	4.209	3.401	2.583	1.832	2.566	1.770	2.250	1.754	1.245	1.668	66273	AAMDC	NM_183251_7_-1
Fam229b	1.490	1.765	1.012	1.284	0.833	1.684	-0.004	-0.051	-0.635	-1.525	66337	FAM229B	NM_183254_10_-1
Cox14	7.880	7.706	7.003	6.827	6.622	6.480	7.237	6.896	6.284	5.958	66379	COX14	NM_183256_15_+1
Smim5	9.700	9.474	-0.051	0.730	2.387	2.339	3.479	3.720	5.120	5.202	66528	SMIM5	NM_183259_11_+1
Nr2f2	-2.678	-3.108	-3.514	-4.525	-4.772	-4.947	-4.748	-3.362	-4.981	-4.981	11819	NR2F2	NM_183261_7_-1
Stk35	1.625	2.160	2.416	3.668	2.854	3.788	2.280	3.170	3.580	4.551	67333	STK35	NM_183262_2_+1
Rnmt1	3.181	3.232	2.549	2.928	2.302	2.932	2.357	2.974	1.833	2.293	67390	MRM3	NM_183263_11_+1
Tespa1	5.241	5.366	2.023	2.156	4.693	4.861	3.129	2.610	-1.026	-0.842	67596	TESPA1	NM_183264_10_+1
Coa4	4.907	4.455	4.113	4.078	3.695	3.620	4.167	3.931	3.790	3.693	68185	COA4	NM_183270_7_+1
Wfdc15a	-4.981	-4.981	-2.177	-2.806	-4.979	-4.955	-4.944	-4.919	-4.981	-4.981	68221	NA	NM_183271_2_-1
Tefm	4.178	4.314	4.585	4.484	4.155	3.793	3.997	3.767	3.160	3.065	68550	TEFM	NM_183275_11_-1
Nbeal2	3.049	3.143	4.843	4.813	3.772	3.440	4.544	4.282	6.041	5.906	235627	NBEAL2	NM_183276_9_-1
Smco1	-2.990	-2.110	-2.321	-2.896	-3.141	-3.118	-3.539	-3.387	-2.006	-2.347	69576	SMCO1	NM_183283_16_+1
Spink2	-4.981	-4.843	-4.922	-4.917	-4.949	-3.314	-3.444	-0.116	1.738	4.312	69982	NA	NM_183284_5_-1
Kctd2	4.746	4.991	4.885	4.905	4.861	4.608	4.446	4.580	4.977	4.732	70382	KCTD2	NM_183285_11_+1
Dhrs13	2.495	2.433	2.917	3.011	2.510	2.761	2.041	2.099	0.051	-0.074	70451	DHRS13	NM_183286_11_+1
2610318N02Rik	-0.317	-1.546	2.569	3.039	1.811	1.397	1.223	1.729	-1.871	-2.386	70458	NA	NM_183287_16_-1
Arhgap27	4.240	3.581	0.844	0.758	0.404	-0.540	1.090	0.156	0.431	0.268	544817	ARHGAP27	NM_183288_11_-1
Tcerg1l	-3.189	-4.981	-4.981	-4.981	-4.981	-4.981	-4.978	-3.479	-4.981	-0.007	70571	TCERG1L	NM_183289_7_-1
4921517D22Rik	-4.981	-4.981	-3.405	-3.869	-3.558	-4.288	-4.502	-4.160	-4.981	-3.138	70900	NA	NM_183290_13_-1
Cdkl1	-4.981	-2.132	-2.048	-1.930	-4.887	-3.357	-4.914	-4.574	-4.981	-4.981	71091	CDKL1	NM_183294_12_-1
Zfyve9	-4.981	-4.981	0.211	-0.696	-2.051	-0.529	0.875	1.705	3.419	3.902	230597	ZFYVE9	NM_183300_4_-1
Taok3	6.113	6.198	7.033	7.075	7.118	7.120	7.035	6.910	7.156	7.133	330177	TAOK3	NM_183306_5_+1
Ccdc63	-4.833	-4.762	-4.916	-4.975	-4.967	-4.973	-4.981	-4.981	-4.968	-4.981	330188	CCDC63	NM_183307_5_-1
Pon2	6.179	6.474	5.807	5.846	6.183	5.943	6.298	6.439	7.090	7.163	330260	PON2	NM_183308_6_-1
Gm5111	-4.981	-4.981	-5.036	-4.575	-4.299	-1.657	-4.377	-3.624	-4.981	-4.981	330305	NA	NM_183309_6_+1
Ccser1	-3.959	-2.908	4.231	4.315	2.889	2.749	0.636	0.205	-4.981	-4.498	232035	CCSER1	NM_183310_6_+1
Ctxn1	0.442	0.377	-1.025	-1.073	-1.240	-1.586	-0.229	-0.640	-1.171	-3.459	330695	CTXN1	NM_183315_8_-1
Snape5	6.559	5.391	5.911	4.783	6.114	4.981	6.187	4.925	5.325	4.110	330959	SNAPC5	NM_183316_9_+1
Xkrx	5.442	5.775	2.028	1.375	-0.124	0.403	-0.158	1.356	-2.172	-1.603	331524	XKRX	NM_183319_X_-1
Proser3	0.899	1.735	0.353	0.840	1.116	0.759	1.028	0.962	0.769	1.046	333193	NA	NM_183321_7_-1
Slc12a1	-4.981	-4.981	-4.971	-3.398	-4.981	-4.981	-4.935	-4.700	-4.981	-4.981	20495	SLC12A1	NM_183354_2_+1
Pbx1	0.678	1.223	3.589	3.014	-2.161	-2.182	-1.786	-0.006	1.119	-0.350	18514	PBX1	NM_183355_1_-1
Gadd45gip1	6.171	4.107	5.510	4.281	5.512	4.026	5.797	4.238	4.630	3.494	102060	GADD45GIP1	NM_183358_8_+1
Sytl3	-0.390	-0.293	-2.033	-2.913	-4.450	-4.070	-4.982	-4.235	-4.981	-4.981	83672	SYTL3	NM_183368_17_+1
Sytl3	-4.216	-4.546	-4.851	-4.963	-4.956	-4.960	-4.915	-4.931	-3.531	-4.981	83672	SYTL3	NM_183370_17_+1
Duxbl1	-1.829	-4.981	-4.955	-4.784	-4.978	-4.940	-4.981	-4.981	-4.981	-4.981	278672	NA	NM_183389_14_+1
Duxbl1	-4.981	-4.981	-4.927	-4.401	-4.977	-4.917	-4.981	-4.981	-4.981	-4.981	278672	NA	NM_183389_dup1_14_+2
Klhl6	7.266	7.342	6.636	6.705	4.641	4.525	5.443	6.224	6.100	5.508	239743	KLHL6	NM_183390_16_-1
Tnfrsf18	-4.981	-4.981	-0.158	-2.245	-2.399	-4.196	-4.412	-2.650	-4.981	-4.981	240873	TNFRSF18	NM_183391_1_+1
Nup54	4.373	4.365	5.006	4.969	4.984	4.840	4.917	4.855	4.587	4.587	269113	NUP54	NM_183392_5_-1
Cox6b2	-1.036	0.360	1.162	1.559	1.845	2.486	2.934	3.601	2.286	2.505	333182	COX6B2	NM_183405_7_-1
Cox6b2	-2.407	-4.048	-0.451	-1.606	-0.874	0.255	0.808	1.496	0.703	0.864	333182	COX6B2	NM_183406_7_-1
Pde4a	2.550	2.697	2.750	2.789	2.834	1.838	2.155	1.755	3.167	3.001	18577	PDE4A	NM_183408_9_+1
Cdk2	2.700	2.810	3.534	3.963	4.537	4.325	3.797	4.044	3.800	4.012	12566	CDK2	NM_183417_10_-1
Pla2g12a	-4.625	-0.894	-2.504	-1.544	-3.621	-1.265	-1.585	0.392	-1.219	-4.648	66350	PLA2G12A	NM_183423_3_+1
Qrpf	-0.158	-1.656	-2.501	-2.116	-0.313	-1.574	-0.596	-1.481	-0.732	-1.726	227717	QRPF	NM_183424_2_-1
Sbno2	4.951	4.905	6.439	6.643	7.114	7.128	6.987	6.711	7.273	7.536	216161	SBNO2	NM_183426_10_-1
Epb41	-0.872	-2.558	0.048	-1.109	-2.885	-0.668	-2.504	-2.407	-2.374	-0.952	269587	EPB41	NM_183428_4_-1
Record_removed	0.801	-1.036	-0.168	-0.756	0.259	-0.757	0.557	0.480	-1.549	-3.231	Record_remove	NA	NM_184052_10_+1
Calu	4.484	4.023	4.875	5.198	4.533	4.627	4.516	5.100	5.980	6.244	12321	CALU	NM_184053_6_+1
Dennd4c	3.114	3.083	2.424	2.524	2.099	2.363	3.071	3.602	4.472	5.224	329877	DENND4C	NM_184088_4_+1
Rtn4	3.190	2.716	4.176	3.533	3.502	3.391	3.875	2.374	3.815	3.617	68585	RTN4	NM_194051_11_+1
Rtn4	-0.211	3.174	3.785	4.288	2.168	3.812	3.438	3.894	5.445	5.955	68585	RTN4	NM_194052_11_+1
Rtn4	0.456	0.333	2.635	1.724	0.624	0.904	-0.073	-1.442	2.860	2.422	68585	RTN4	NM_194053_11_+1
Rtn4	1.811	0.825	-0.522	2.871	2.167	3.270	0.561	2.928	1.246	2.883	68585	RTN4	NM_194054_11_+1
Esrp1	-0.349	-4.981	-4.951	-4.789	-4.961	-4.961	-4.981	-4.981	-4.981	-4.981	207920	ESRP1	NM_194055_4_-1
Ffar1	-4.981	-4.981	-4.778	-3.473	-0.660	-1.375	-2.649	-3.496	-4.981	-4.981	233081	FFAR1	NM_194057_7_-1
Nanos3	0.519	-0.312	-2.823	-3.828	-3.532	-3.923	-3.648	-4.720	-2.608	-3.797	244551	NANOS3	NM_194059_8_-1
D630045J12Rik	-0.427	1.477	0.740	3.026	-2.122	-1.311	-2.251	-2.721	-4.981	-4.981	330286	KIAA1549	NM_194061_6_-1
Ifi27	-2.600	-4.981	-4.945	-4.098	-2.757	-3.002	-3.757	-3.059	-4.973	-4.977	52668	NA	NM_194066_12_+1
Ifi27	4.881	3.415	2.694	1.237	5.808	4.567	5.073	3.686	2.386	2.130	52668	NA	NM_194067_12_+1
Ifi27	0.519	-0.070	-2.493	-3.000	1.614	0.617	0.965	-0.914	-2.193	-1.280	52668	NA	NM_194068_12_+1
Ifi27	-0.561	-0.839	-2.636	-3.780	0.515	-0.949	0.833	-2.109	-1.504	-2.164	52668	NA	NM_194069_12_+1
Fam118b	4.670	4.388	4.289	4.239	4.480	3.972	4.674	4.851	4.484	4.918	109229	FAM118B	NM_194257_9_-1
Arid4b	5.678	5.598	5.355	5.446	5.739	5.862	5.175	4.959	4.855	4.629	94246	ARID4B	NM_194262_13_+1
Onecut2	-4.981	-3.408	-2.074	0.944	-3.294	-1.439	-4.247	-4.721	-4.981	-4.206	225631	ONECUT2	NM_194268_18_+1
Morn2	4.030	4.188	1.335	1.523	2.266	2.753	1.924	1.686	0.211	0.195	378462	MORN2	NM_194269_17_+1
Fxyd1	-4.981	-4.981	-4.975	-4.975	-4.975	-4.981	-4.947	-4.925	-4.981	-4.981	56188	FXYD1	NM_194321_7_-1
Slc23a3	-4.981	-2.600	-3.767	-4.659	-4.589	-4.485	-3.641	-4.401	-3.738	-4.342	22626	SLC23A3	NM_194333_1_-1
Tbc1d2b	4.292	4.419	3.020	3.227	3.583	3.278	5.029	5.221	6.682	7.070	67016	TBC1D2B	NM_194334_9_-1
Naif1	2.573	2.624	3.306	3.694	3.286	3.755	3.136	3.274	3.427	3.519	71254	NAIF1	NM_194335_2_+1
Gbp6	5.214	4.555	-0.905	-0.216	-0.110	0.371	0.245	2.020	2.378	3.097	100702	GBP6	NM_194336_5_-1

Bms1	3.991	4.264	4.547	4.694	4.923	4.895	4.767	5.000	5.225	5.346	213895	BMS1	NM_194339_6_-1
Prr14l	4.595	4.618	5.636	5.506	5.632	5.445	5.110	4.920	4.584	4.803	215476	PRR14L	NM_194340_5_-1
Synrg	4.595	5.159	6.414	6.180	4.675	4.891	4.902	4.993	4.922	4.757	217030	SYNRG	NM_194341_11_+1
Sun2	1.531	1.941	0.781	-1.029	1.246	1.231	1.713	1.080	1.368	-1.966	223697	SUN2	NM_194342_15_-1
Trim45	1.421	1.203	-0.384	-1.016	-0.616	-1.013	-1.737	-1.493	-1.845	-1.585	229644	TRIM45	NM_194343_3_+1
Sh3tc1	4.185	4.158	5.270	5.098	4.427	4.174	4.319	4.504	5.956	6.100	231147	SH3TC1	NM_194344_5_-1
Fam160b2	3.936	4.285	3.916	3.935	4.215	4.300	4.112	4.127	4.707	4.743	239170	FAM160B2	NM_194345_14_-1
Rnf31	4.335	4.457	4.753	4.679	4.621	4.273	4.707	4.582	5.395	5.195	268749	RNF31	NM_194346_14_+1
Atg2a	3.373	3.465	4.780	4.558	4.909	4.875	4.846	4.714	5.439	5.142	329015	ATG2A	NM_194348_19_+1
Spire1	-4.222	-2.567	2.963	3.211	5.437	5.385	4.548	3.742	1.627	2.106	68166	SPIRE1	NM_194355_18_-1
Cdk10	3.267	2.800	1.625	2.119	2.434	2.351	1.327	1.837	2.408	1.613	234854	CDK10	NM_194444_8_+1
Cdk10	4.115	4.242	4.007	3.892	3.131	3.631	3.398	3.771	3.329	3.586	234854	CDK10	NM_194446_8_+1
Akap9	6.336	6.761	6.348	6.360	6.237	6.951	5.782	6.201	4.972	5.607	100986	NA	NM_194462_5_+1
Mrv1	-3.900	-3.343	-4.007	-2.578	-3.628	-4.871	-4.754	-4.888	-1.350	-4.651	17540	MRV11	NM_194464_7_-1
Ifnz	-2.314	-4.981	-4.970	-4.970	-4.768	-4.974	-3.874	-4.971	-3.088	-4.087	319146	NA	NM_197889_4_+1
Wipf2	3.114	3.522	3.827	3.806	3.807	3.694	3.600	3.379	3.288	3.405	68524	WIPF2	NM_197940_11_+1
Sgsm2	0.030	1.397	1.728	1.591	1.798	1.811	0.837	0.835	1.240	0.766	97761	SGSM2	NM_197943_11_-1
Hsh2d	4.204	3.874	3.929	3.577	4.951	4.682	4.319	3.353	3.183	1.553	209488	HSH2D	NM_197944_8_+1
Lzts3	-4.852	-4.450	-4.368	-3.512	-2.915	-2.660	-2.702	-2.725	-4.694	-3.745	241638	LZTS3	NM_197945_2_-1
Kif18b	-1.901	-2.883	1.279	1.483	2.322	1.860	2.025	1.767	0.909	0.974	70218	KIF18B	NM_197959_11_-1
Uqcr10	7.440	7.310	7.293	7.199	7.138	7.207	7.404	7.249	6.393	6.090	66152	UQCR10	NM_197979_11_-1
Cox19	4.982	4.915	4.660	4.714	4.725	4.612	4.940	4.633	4.284	4.314	68033	COX19	NM_197980_5_-1
Ddx39	7.222	7.227	6.937	6.974	7.129	6.941	6.835	6.886	6.135	5.806	68278	DDX39A	NM_197982_8_+1
Adipor2	6.295	5.972	5.762	5.491	4.846	5.050	4.929	4.795	5.100	4.914	68465	ADIPOR2	NM_197985_6_-1
Tmem140	3.227	2.562	4.744	4.649	3.004	2.386	2.876	2.883	3.481	3.070	68487	TMEM140	NM_197986_6_+1
Trim37	3.705	3.891	4.254	4.383	5.017	5.151	4.515	4.070	2.987	3.451	68729	TRIM37	NM_197987_11_+1
1190005106Rik	0.929	-0.413	-4.167	-4.924	-3.477	-4.405	-2.749	-4.290	-4.981	-4.970	68918	F16orf74	NM_197988_8_-1
Fam58b	5.130	5.168	4.088	4.092	4.162	4.351	4.096	4.485	4.064	4.079	69109	CAM58A	NM_197989_11_-1
1700025G04Rik	1.252	2.027	6.414	6.270	4.502	3.961	5.522	5.543	4.066	4.515	69399	C1orf21	NM_197990_1_-1
Emc10	6.655	6.543	5.312	5.588	5.688	6.011	5.711	5.842	5.860	5.639	69683	EMC10	NM_197991_7_-1
Pcgf1	4.391	4.551	3.744	3.709	4.102	4.331	3.958	3.904	3.539	3.534	69837	PCGF1	NM_197992_6_+1
Tut1	3.946	3.991	4.052	4.202	4.187	4.173	3.951	3.892	3.670	3.408	70044	TUT1	NM_197993_19_+1
Arl16	4.085	4.366	3.791	3.881	3.671	3.821	3.738	3.787	3.529	3.257	70317	ARL16	NM_197995_11_-1
Tspan15	1.538	0.260	0.339	0.696	1.138	0.454	1.192	2.907	-0.453	-1.677	70423	TSPAN15	NM_197996_10_-1
Zgrf1	-1.066	1.631	0.728	2.007	2.561	3.105	1.257	2.593	0.103	1.632	71643	ZGRF1	NM_197997_3_+1
Cdcpf1	3.753	4.027	2.603	2.681	2.891	2.977	2.702	2.043	2.705	2.352	72355	CDPFP1	NM_197998_15_-1
Ces2g	-2.388	-1.399	-3.620	2.210	-0.616	2.419	-1.631	2.671	-0.610	-0.447	72361	NA	NM_197999_8_+1
1700001O22Rik	-4.981	-4.981	-4.937	-4.937	-3.784	-3.740	-3.562	-4.992	-4.981	-4.981	73598	C9orf50	NM_198000_2_-1
1110008P14Rik	6.233	6.193	5.073	4.798	4.764	4.902	5.008	4.790	4.864	4.337	73737	C9orf16	NM_198001_2_-1
Zfp946	3.466	3.644	3.608	3.617	2.734	2.887	2.899	2.841	2.665	3.415	74149	NA	NM_198003_17_+1
Idnk	3.331	2.617	2.264	2.554	2.467	2.753	2.385	1.881	2.001	2.356	75731	IDNK	NM_198004_13_+1
Dcaf17	-0.218	2.022	0.150	1.219	-0.446	1.255	0.728	1.064	1.384	1.543	75763	DCAF17	NM_198005_2_+1
Coa5	6.501	6.385	7.502	7.559	6.150	6.406	6.545	6.733	6.750	7.167	76178	COA5	NM_198006_1_-1
Ascc3	4.864	4.996	5.411	5.289	5.534	5.508	5.264	5.350	5.553	5.646	77987	ASCC3	NM_198007_10_+1
Ankrd17	5.151	4.579	4.905	4.662	4.799	4.539	5.033	4.516	4.328	4.258	81702	ANKRD17	NM_198010_5_-1
E430018J23Rik	2.004	2.314	1.612	1.986	0.840	0.692	0.961	0.410	1.124	1.203	101604	NA	NM_198011_7_-1
Trim68	3.113	2.287	2.303	2.588	2.247	1.895	1.027	0.622	1.039	0.299	101700	TRIM68	NM_198012_7_-1
Cuedc1	0.136	2.242	1.531	1.226	-0.395	1.079	-0.150	-0.343	-4.834	-2.365	103841	CUEDC1	NM_198013_11_+1
Slain1	4.106	4.248	2.552	2.503	3.751	3.896	2.000	2.159	-2.396	-2.033	105439	SLAIN1	NM_198014_14_+1
Fam175b	4.777	4.966	5.679	5.747	5.577	5.647	5.538	5.267	5.664	5.756	109359	FAM175B	NM_198017_7_+1
Abr	0.681	-1.325	-0.917	-1.086	0.901	1.286	-1.261	-1.932	1.239	0.698	109934	ABR	NM_198018_11_-1
Cep78	3.132	3.470	2.732	2.567	2.642	2.243	1.714	2.059	3.169	2.700	208518	CEP78	NM_198019_19_-1
Trmt1	-3.229	3.764	0.764	4.013	-0.701	3.943	-1.855	4.072	-0.583	3.355	212528	TRMT1	NM_198020_8_+1
Scyl2	1.631	2.790	2.719	3.757	2.355	3.172	2.433	3.339	3.735	4.471	213326	SCYL2	NM_198021_10_-1
Tnrc6c	4.718	4.682	4.390	4.278	5.009	4.842	4.824	4.276	4.904	4.465	217351	TNRC6C	NM_198022_11_+1
Rcor1	3.994	3.550	4.065	4.034	4.015	4.120	3.767	3.717	4.076	3.845	217864	RCOR1	NM_198023_12_+1
Ranbp3l	-4.981	-2.808	-2.670	-4.228	-3.687	-4.694	-4.488	-4.718	-2.456	-3.313	223332	RANBP3L	NM_198024_15_+1
Iqcc	3.054	2.124	2.961	2.502	3.255	2.570	2.898	2.486	2.887	2.681	230767	IQCC	NM_198026_4_-1
Alkbh6	5.988	5.849	5.511	5.573	5.711	5.654	5.568	5.248	4.020	4.113	233065	ALKBH6	NM_198027_7_+1
Serpinb10	-2.105	-4.981	4.994	4.819	4.165	3.241	6.587	6.273	8.592	6.989	241197	SERPINB10	NM_198028_1_+1
Tubgcp3	4.172	4.209	4.698	4.506	4.823	4.945	4.612	4.877	5.180	5.189	259279	TUBGCP3	NM_198031_8_-1
Setx	4.947	5.085	5.500	5.292	5.459	5.429	5.252	5.316	5.521	6.013	269254	SETX	NM_198033_2_+1
Sidt1	-0.718	-4.981	-0.089	-1.216	-3.883	-0.675	-2.231	1.217	-2.254	-4.510	320007	SIDT1	NM_198034_16_-1
Zbtb39	-0.461	-0.253	0.863	-0.034	0.449	0.501	0.694	-0.352	1.054	0.985	320080	ZBTB39	NM_198035_10_+1
Cachd1	-4.981	-0.337	-2.672	-1.170	-2.460	-1.720	-4.175	-2.158	-3.471	-2.207	320508	CACHD1	NM_198037_4_+1
Prx	-4.981	-4.981	-4.662	-4.330	-4.973	-4.277	-4.952	-4.538	-2.953	-4.981	19153	PRX	NM_198048_7_+1
Tbx3	-4.981	-4.981	-4.969	-4.706	-4.628	-3.719	-4.901	-4.916	-4.981	-4.981	21386	TBX3	NM_198052_5_+1
Nrap	-4.981	-4.981	-4.980	-4.798	-4.912	-4.956	-4.981	-4.981	-4.981	-4.981	18175	NRAP	NM_198059_19_-1
Hnrmpa3	-0.639	-0.666	-1.003	-0.361	-0.188	-1.860	0.195	-1.129	0.577	-0.904	229279	NA	NM_198090_2_+1
Usp2	1.448	2.332	-4.635	-2.394	-2.870	-2.534	-0.517	0.303	-0.796	1.312	53376	USP2	NM_198091_9_+1
Usp2	0.589	0.816	-4.667	-4.809	-2.949	-3.137	-4.344	-4.254	-4.436	-4.981	53376	USP2	NM_198092_9_+1
Elmo1	-4.981	-4.981	-4.289	-4.642	-4.154	-3.988	-3.831	-3.979	-2.162	-4.981	140580	ELMO1	NM_198093_13_+1
Brd4	6.240	6.314	6.328	6.461	6.767	6.791	6.436	6.602	6.582	6.510	57261	NA	NM_198094_17_-1
Bst2	11.428	11.745	6.717	6.381	5.983	6.141	6.530	6.557	6.433	5.597	69550	NA	NM_198095_8_-1

Arap1	3.371	3.587	0.477	1.262	-1.701	-0.113	2.990	1.631	0.105	0.092	69710	ARAP1	NM_198096_7_+1
Tbkbp1	-1.635	-4.981	2.066	2.225	0.745	1.047	2.185	2.227	3.706	4.100	73174	TBKBP1	NM_198100_11_-1
Gmp1	4.577	4.775	6.404	6.393	6.662	6.587	6.468	6.543	7.248	7.099	78816	GMIP	NM_198101_8_+1
Tra2a	5.317	5.287	5.182	5.051	5.297	5.413	5.060	4.905	3.970	4.656	101214	TRA2A	NM_198102_6_-1
Exoc8	2.519	2.959	3.172	3.325	3.200	2.829	3.107	3.075	4.428	4.249	102058	EXOC8	NM_198103_8_-1
Tcte3	-3.120	-4.981	-3.394	-3.170	-2.132	-3.869	-1.478	-3.877	-4.981	-3.887	21647	TCTE3	NM_198104_17_-1
Fam120c	2.575	2.039	1.566	1.552	2.046	2.168	1.377	1.559	1.154	1.723	207375	FAM120C	NM_198105_X_+1
Slc9c1	-4.981	-4.981	-4.974	-4.443	-4.987	-4.872	-4.962	-4.590	-4.394	-4.981	208169	SLC9C1	NM_198106_16_+1
Med16	5.423	5.258	4.431	4.558	4.585	4.293	4.366	4.295	5.590	4.949	216154	MED16	NM_198107_10_-1
Morn4	-4.981	0.159	-1.636	1.638	-2.891	1.792	-4.747	0.268	-4.981	-1.588	226123	MORN4	NM_198108_19_-1
Ssh1	0.566	0.602	3.163	3.365	3.981	3.802	3.599	3.177	4.390	4.198	231637	SSH1	NM_198109_5_-1
Gnl3l	4.363	4.181	4.592	4.817	4.593	4.787	3.978	4.113	3.982	4.207	237107	GNL3L	NM_198110_X_-1
Ssh3	0.373	0.615	-0.830	-0.766	-0.986	-1.538	-0.443	-0.851	0.246	0.948	245857	SSH3	NM_198113_19_-1
Dagla	-4.981	-4.981	-4.948	-4.848	-4.970	-4.799	-3.263	-2.720	-1.170	0.541	269060	DAGLA	NM_198114_19_-1
Lrrc24	-2.759	-0.566	-1.827	-2.002	-2.397	-2.303	-2.575	-3.346	-0.392	-2.036	378937	LRRC24	NM_198119_15_-1
Arid4b	5.596	5.954	5.426	5.104	5.542	6.005	5.008	5.088	3.256	3.981	94246	ARID4B	NM_198122_13_+1
Abi2	2.026	2.815	3.866	3.433	3.396	2.910	2.553	2.788	3.341	3.665	329165	ABI2	NM_198127_1_+1
Smarcc2	2.528	3.855	2.820	2.312	2.172	2.134	2.454	2.535	1.559	1.059	68094	SMARCC2	NM_198160_10_+1
Bhlhb9	-1.294	-0.237	0.093	0.313	-0.464	0.013	-1.044	-0.837	-4.657	-4.495	70237	BHLHB9	NM_198161_X_+1
Morc2	2.903	2.287	5.225	5.235	3.916	4.138	3.247	2.992	1.275	1.967	74522	MORC2	NM_198162_11_+1
Rab35	3.785	3.694	4.095	3.992	3.386	3.393	3.572	3.463	4.080	4.106	77407	RAB35	NM_198163_5_+1
Cdk19	3.173	2.103	1.542	-0.137	1.151	1.726	1.709	1.212	0.341	0.491	78334	CDK19	NM_198164_10_+1
Tmem63b	1.263	1.311	2.881	2.982	3.488	2.911	2.909	2.410	2.885	2.841	224807	TMEM63B	NM_198167_17_-1
Ppp2r5b	2.404	2.334	2.584	2.978	2.541	2.785	2.208	2.676	3.392	3.849	225849	PPP2R5B	NM_198168_19_-1
Gmeb2	2.592	3.082	3.058	3.044	3.302	2.855	2.779	3.120	4.035	3.669	229004	GMEB2	NM_198169_2_-1
Szt2	3.663	3.701	3.478	3.621	4.213	4.122	3.902	3.553	3.443	3.176	230676	SZT2	NM_198170_4_-1
Fastkd5	-1.481	1.915	2.614	1.994	1.689	1.332	1.875	2.347	3.066	2.687	380601	FASTKD5	NM_198176_2_-1
Ntf5	-4.981	-2.160	-2.989	-2.734	-4.965	-4.284	-4.068	-4.548	-4.981	-4.981	78405	NTF4	NM_198190_7_+1
Raet1e	-4.981	-4.981	-4.950	-4.832	-2.677	-3.761	-3.825	-3.835	-0.593	-3.252	379043	NA	NM_198193_10_+1
Snph	-4.310	-3.827	-4.976	-4.788	-4.975	-4.945	-4.981	-4.953	-4.981	-4.874	241727	SNPH	NM_198214_2_-1
Aspscr1	2.120	2.542	2.288	3.045	3.101	2.698	3.131	2.704	3.437	3.490	68938	ASPSCR1	NM_198223_11_+1
Yars2	3.682	3.523	3.419	3.376	3.417	3.313	3.206	3.594	2.467	2.752	70120	YARS2	NM_198246_16_+1
Zbtb40	1.996	1.964	1.945	1.681	1.804	1.747	2.088	2.046	2.538	3.062	230848	ZBTB40	NM_198248_4_-1
Arhgef40	-2.623	-4.981	3.999	5.167	2.995	3.483	2.974	3.049	-4.229	-1.535	268739	ARHGEF40	NM_198249_14_+1
Lrrc4b	-4.981	-4.981	-4.981	-4.981	-4.962	-4.046	-4.981	-4.981	-4.981	-4.981	272381	LRRC4B	NM_198250_7_+1
Tex2	7.425	7.665	4.259	4.173	2.739	3.034	3.774	3.763	5.377	5.450	21763	TEX2	NM_198292_11_-1
Tanc1	2.039	2.085	2.340	1.833	-0.323	0.820	-4.501	-0.026	-4.469	0.455	66860	TANC1	NM_198294_2_+1
Tmx3	5.555	5.869	6.359	6.059	5.854	5.987	5.999	6.067	6.433	7.228	67988	TMX3	NM_198295_18_+1
9130011E15Rik	2.221	2.373	3.414	3.775	3.247	3.549	2.888	3.271	3.856	4.033	71617	C10orf76	NM_198296_19_-1
Trat1	-2.483	-4.981	-2.999	-2.306	-2.982	-0.534	-2.708	-0.006	-4.981	-2.057	77647	TRAT1	NM_198297_16_-1
Helz	4.068	3.979	4.576	4.550	4.952	4.863	4.315	4.444	4.187	4.340	78455	HELZ	NM_198298_11_+1
Enkd1	3.812	2.868	2.310	1.453	2.278	2.170	1.262	1.464	0.712	-0.292	102124	ENKD1	NM_198299_8_-1
Cpeb3	-4.216	-4.395	-4.523	-4.565	-4.705	-4.919	-4.771	-4.432	-3.873	-0.509	208922	CPEB3	NM_198300_19_-1
Fam105a	2.846	2.247	4.135	3.827	4.410	3.859	4.660	4.125	5.252	4.240	223433	FAM105A	NM_198301_15_-1
Rbm11	-2.227	-1.793	-0.983	-0.914	-3.220	-4.345	-1.925	-3.947	-0.236	-0.668	224344	RBM11	NM_198302_16_+1
Eif5b	6.715	6.702	7.201	7.149	6.915	7.242	7.080	6.852	5.533	5.545	226982	EIF5B	NM_198303_1_+1
Nup188	2.415	2.598	3.423	3.474	3.491	3.232	3.709	3.465	4.007	3.871	227699	NUP188	NM_198304_2_+1
Klhl17	3.792	4.400	3.957	3.856	4.323	4.605	4.035	4.132	4.571	4.411	231003	KLHL17	NM_198305_4_-1
Pdpr	0.637	-0.336	1.200	1.080	1.183	1.035	1.370	1.218	2.884	3.048	319518	PDPR	NM_198308_8_+1
Ttc8	-3.864	-4.284	-4.557	-4.882	-4.762	-4.962	-3.010	-4.903	-2.078	-1.090	76260	TTC8	NM_198311_12_+1
Zfp273	1.894	0.244	1.355	-0.264	1.422	0.283	1.351	0.430	1.912	1.769	212569	ZNF273	NM_198322_13_+1
Nsfl1c	-0.009	0.280	-0.930	-0.177	-0.298	-1.260	-0.816	-2.028	-0.809	-4.949	386649	NSFL1C	NM_198326_2_+1
Rai2	1.368	1.509	-4.960	-4.747	-4.978	-4.935	-4.973	-4.921	-4.981	-4.804	24004	RAI2	NM_198409_X_+1
Inf2	3.837	3.766	2.733	3.016	3.087	2.429	2.750	2.518	3.430	3.310	70435	INF2	NM_198411_12_+1
Dnajc6	-4.981	-4.981	-4.922	-4.200	-4.083	-3.755	-4.711	-3.036	-4.136	-4.981	72685	DNAJC6	NM_198412_4_+1
Paqr9	1.044	0.422	-0.257	1.199	0.862	1.542	0.766	2.111	-0.909	-0.420	75552	PAQR9	NM_198414_9_+1
Zfp607b	-3.773	0.204	-2.033	-0.736	-1.526	-1.446	-0.793	-1.786	-2.241	-1.271	112415	ZNF780A	NM_198417_7_+1
Tdrd6	-4.981	-4.981	-4.981	-4.981	-4.680	-4.821	-4.972	-4.977	-4.490	-3.920	210510	TDRD6	NM_198418_17_-1
Arhgap39	1.221	1.708	1.982	-0.094	2.298	2.355	2.643	2.364	2.199	0.843	223666	ARHGAP39	NM_198420_15_-1
Usp49	0.817	1.482	1.005	0.982	1.261	1.265	0.393	0.108	0.329	0.739	224836	USP49	NM_198421_17_+1
Paqr3	-1.077	0.416	-0.437	-0.987	-0.502	-0.927	-0.571	-0.572	1.804	2.032	231474	PAQR3	NM_198422_5_-1
Bahcc1	-0.173	0.385	1.277	-0.132	0.663	-1.540	1.976	0.730	0.932	-0.072	268515	BAHCC1	NM_198423_11_+1
Orai3	7.519	7.486	6.328	6.358	5.549	5.560	5.833	6.078	6.289	6.080	269999	ORAI3	NM_198424_7_+1
Eid2	2.146	2.716	0.088	1.360	1.796	3.336	-0.338	0.643	-1.040	-0.248	386655	EID2	NM_198425_7_+1
Nfatc1	-2.394	-1.422	-1.353	-0.973	-0.800	0.397	-1.334	0.476	-1.766	-1.800	18018	NFATC1	NM_198429_18_-1
Ssbp3	5.101	4.596	4.154	4.435	3.969	3.866	3.618	4.322	4.019	4.258	72475	SSBP3	NM_198438_4_+1
Map6d1	-4.981	-1.910	-0.981	-1.602	-3.150	-2.376	-3.763	-3.688	-2.605	-4.981	208158	MAP6D1	NM_198599_16_-1
Papd7	0.553	2.147	1.705	1.994	2.270	2.583	2.167	3.026	4.184	3.983	210106	PAPD7	NM_198600_13_-1
Cux1	3.890	1.718	4.244	3.409	4.629	3.177	4.559	3.737	5.534	4.603	13047	NA	NM_198602_5_-1
Plekhg6	-3.843	-4.981	-2.536	-2.637	-2.099	-4.626	-2.319	-3.590	-1.194	-0.831	213522	PLEKHG6	NM_198604_6_-1
Ska3	-1.294	-1.536	0.984	1.521	2.117	0.941	1.205	1.121	0.802	0.904	219114	SKA3	NM_198605_14_-1
Dcaf13	6.675	6.643	6.224	6.160	6.076	5.965	6.055	6.007	5.677	5.364	223499	DCAF13	NM_198606_15_+1
Them6	3.520	0.857	-0.911	-1.494	-1.126	-2.588	-0.315	-0.176	1.113	1.388	223626	THEM6	NM_198607_15_+1
Aars2	2.248	2.640	2.545	2.315	3.172	3.066	2.997	2.875	3.100	3.082	224805	AARS2	NM_198608_17_+1

Rsl24d1	5.766	5.732	5.484	5.597	5.363	5.374	5.404	5.308	5.364	5.341	225215	RSL24D1	NM_198609_9_+1
B3gnt4	-3.686	-4.981	-1.351	-2.234	-2.408	-3.883	-3.192	-4.154	-1.974	-2.606	231727	B3GNT4	NM_198611_5_+1
Gxylt2	-4.981	-4.981	-4.417	-4.975	-4.959	-4.907	-4.592	-4.632	-4.981	-4.981	232313	GXYLT2	NM_198612_6_+1
Ap2s1	7.364	7.284	7.272	7.182	7.092	7.201	7.314	7.199	6.940	6.738	232910	AP2S1	NM_198613_7_+1
Mex3d	0.364	0.417	0.700	0.324	0.378	-0.177	0.626	0.845	1.991	2.415	237400	MEX3D	NM_198615_10_-1
Ccdc85b	4.640	4.458	3.884	4.049	4.301	4.410	4.415	4.199	4.271	4.006	240514	CCDC85B	NM_198616_19_-1
Tspyl3	4.410	4.402	3.362	3.172	4.820	4.563	4.419	3.750	4.249	3.928	241732	NA	NM_198617_2_-1
Dlgap3	-3.090	-4.981	-1.864	-0.170	0.501	1.256	-1.947	-3.048	-2.288	-4.981	242667	DLGAP3	NM_198618_4_+1
Zfp933	2.719	2.156	2.952	2.420	3.173	2.645	2.790	2.955	1.923	3.222	242747	NA	NM_198619_4_-1
Rundc3b	1.653	-1.055	0.979	-2.261	3.624	1.320	1.765	-1.316	-4.190	-4.981	242819	RUNDC3B	NM_198620_5_-1
Cct8l1	-4.981	-4.981	-4.981	-4.981	-4.794	-4.220	-4.736	-4.974	-4.981	-4.981	242891	CCT8L2	NM_198621_5_+1
H1fx	-4.981	-2.895	-2.844	-2.961	-3.088	-3.861	-3.003	-2.242	-4.394	-4.316	243529	H1FX	NM_198622_6_-1
Mtss1l	1.270	0.935	-1.311	-0.546	-2.351	-3.062	-2.292	-3.950	-3.750	-4.981	244654	MTSS1L	NM_198625_8_+1
Xyylt1	5.305	3.569	3.680	3.309	4.070	4.090	3.893	3.979	4.756	4.374	268880	XXYLT1	NM_198626_16_-1
Stkld1	0.794	-0.559	-0.428	-0.551	1.912	1.192	0.839	-0.176	-1.240	-1.434	279029	STKLD1	NM_198628_2_+1
1810024B03Rik	-2.268	-2.087	-3.414	-3.723	-3.298	-3.214	-3.019	-3.071	-2.340	-3.797	329509	NA	NM_198630_2_-1
Zc3h4	3.811	3.876	4.084	4.052	4.515	4.282	4.538	3.828	4.374	4.224	330474	ZC3H4	NM_198631_7_+1
Trim67	-1.597	-4.981	-4.971	-4.782	-4.980	-4.969	-4.736	-4.974	-4.981	-4.981	330863	TRIM67	NM_198632_8_+1
Tigd3	-1.364	-3.408	-1.324	-1.404	-0.713	-0.558	-0.980	-1.044	-0.326	-1.501	332359	TIGD3	NM_198634_19_-1
Gm5134	-0.393	-0.641	0.345	0.238	-1.871	-0.324	-1.142	-0.216	-2.953	-2.388	333669	NA	NM_198635_10_+1
1700016K19Rik	-4.981	-4.981	-4.913	-4.913	-4.970	-4.510	-4.983	-3.270	-4.981	-4.981	74230	C17orf97	NM_198637_11_+1
Rubcnl	6.287	6.152	6.241	6.440	6.412	6.215	5.870	5.704	5.091	4.690	271221	RUBCNL	NM_198642_14_+1
Zfat	0.694	-0.221	0.590	0.241	0.794	0.222	1.033	0.731	1.967	2.058	380993	ZFAT	NM_198644_15_-1
Ccdc58	3.937	4.016	3.071	3.227	3.072	3.015	2.727	2.592	2.165	2.296	381045	CCDC58	NM_198645_16_+1
Tbc1d22b	2.551	2.480	2.370	3.113	2.176	2.543	2.008	2.079	2.815	2.919	381085	TBC1D22B	NM_198647_17_+1
4430402118Rik	-1.343	-0.810	-3.432	-3.077	-3.368	-4.029	-2.290	-2.648	-1.589	-3.280	381218	NA	NM_198651_19_-1
Hjurp	2.517	2.107	2.779	1.867	3.442	1.904	3.735	1.656	3.552	2.054	381280	HJURP	NM_198652_1_-1
Iars2	4.340	4.118	4.667	4.647	4.741	4.581	4.432	4.520	5.274	4.774	381314	IARS2	NM_198653_1_-1
Nsl1	-1.240	-1.594	3.620	3.539	3.578	2.729	3.469	2.769	3.450	2.637	381318	NSL1	NM_198654_1_+1
Gm5148	2.702	2.531	3.003	2.701	2.959	2.321	3.143	2.524	1.956	1.723	381438	NA	NM_198657_3_-1
Ccdc180	1.501	1.097	0.716	0.025	2.972	3.489	3.277	3.358	4.012	3.844	381522	CCDC180	NM_198660_4_+1
Tbc1d2	1.102	0.976	0.241	-1.143	-0.742	1.857	0.595	1.187	4.144	3.667	381605	TBC1D2	NM_198664_4_-1
Gse1	2.384	2.217	3.487	3.631	4.454	4.501	4.163	3.663	3.797	3.018	382034	GSE1	NM_198671_8_+1
Fdxacb1	4.285	4.147	3.542	3.780	3.749	3.694	3.570	3.697	3.391	3.663	382137	FDXACB1	NM_198675_9_+1
Celf1	-4.497	-4.876	-4.910	-4.931	-4.967	-4.980	-4.819	-3.987	-4.981	-4.977	13046	NA	NM_198683_2_+1
Adgrl3	-3.668	-2.997	3.600	3.904	5.308	5.783	4.041	4.519	-2.809	1.172	319387	ADGRL3	NM_198702_5_+1
Wnk1	3.503	1.720	3.601	2.565	3.615	3.526	1.455	0.228	1.124	1.501	232341	WNK1	NM_198703_6_-1
Sypl	6.175	5.887	5.552	5.551	5.485	5.683	6.082	6.329	6.626	6.898	19027	SYPL1	NM_198710_12_+1
Egfl7	0.064	-4.768	-4.823	-3.601	-3.282	-3.602	-4.953	-1.500	-4.864	-2.670	353156	EGFL7	NM_198724_2_+1
Egfl7	-1.877	-4.827	-4.825	-2.912	-4.961	-4.617	-4.981	-4.981	-4.964	-4.966	353156	EGFL7	NM_198725_2_+1
Mrp148	6.491	5.928	5.848	5.617	5.790	5.402	5.575	5.243	4.856	4.396	52443	MRP148	NM_198831_7_-1
Lrrc75b	-3.563	-3.408	-3.231	-2.704	-4.105	-3.196	-3.787	-2.533	-4.981	-2.532	192734	LRRC75B	NM_198860_10_-1
Lrrc75a	2.380	2.824	1.368	1.874	2.717	1.877	2.533	2.997	2.999	3.457	192976	LRRC75A	NM_198861_11_-1
Nlgn2	-1.751	-1.645	1.307	1.478	-0.359	0.118	-0.856	-1.246	-2.056	-0.978	216856	NLGN2	NM_198862_11_-1
Scx	-3.563	-4.981	0.697	-0.303	-4.968	-4.859	-3.427	-4.773	-4.981	-4.316	20289	SCX	NM_198885_15_+1
Zbtb12	-2.030	-4.981	-1.611	-2.255	-1.121	-1.181	-1.453	-1.654	-3.750	-2.965	193736	ZBTB12	NM_198886_17_+1
Abr	3.721	3.973	5.126	5.473	5.139	4.935	4.933	5.045	6.692	6.860	109934	ABR	NM_198894_11_-1
Abr	-2.161	-1.639	-1.463	-1.438	2.404	4.631	0.669	0.979	0.305	0.309	109934	ABR	NM_198895_11_-1
Uggt1	7.120	7.065	7.182	7.130	6.874	6.891	6.721	6.784	7.174	7.465	320011	UGGT1	NM_198899_1_-1
Ppm1m	1.135	2.169	1.796	2.523	0.724	-0.116	-1.699	0.172	-0.429	0.629	67905	PPM1M	NM_198931_9_-1
Pou2f1	1.814	2.348	2.805	2.527	3.527	2.778	2.987	2.723	3.187	3.031	18986	POU2F1	NM_198932_1_-1
Pou2f1	2.453	1.257	0.700	1.406	-0.887	1.203	1.092	1.484	0.709	0.314	18986	POU2F1	NM_198933_1_-1
Pou2f1	1.182	1.970	-0.682	-0.078	-1.342	0.407	-1.588	0.596	0.293	-0.770	18986	POU2F1	NM_198934_1_-1
Slu7	5.571	5.641	5.755	5.723	5.668	5.635	5.811	5.595	5.889	5.854	193116	SLU7	NM_198936_11_+1
Hn1l	4.295	4.560	6.426	6.605	5.273	5.426	5.135	5.744	4.426	4.923	52009	HN1L	NM_198937_17_-1
Dhx57	-0.529	-0.282	-0.425	-0.892	-0.967	-0.200	0.925	-1.785	-2.953	0.668	106794	DHX57	NM_198942_17_-1
Rbm12b2	2.416	3.168	3.214	3.152	3.066	2.935	3.125	3.144	3.359	3.819	77604	RBM12B	NM_198957_4_+1
Tmtc1	0.571	0.125	1.302	-0.137	-3.818	-2.247	-2.732	-1.309	-4.981	-4.981	387314	TMTC1	NM_198967_6_-1
Sgol2a	0.640	-0.246	1.935	1.879	2.921	2.315	2.054	1.071	0.092	-0.908	68549	SGO2	NM_199007_1_+1
Cox11	4.682	4.631	3.803	4.006	4.158	4.128	4.130	3.945	3.339	3.618	69802	COX11	NM_199008_11_+1
Fam160a2	-4.388	-1.768	1.769	2.451	-4.286	-2.808	0.594	1.691	4.207	2.804	74349	FAM160A2	NM_199009_7_-1
Dgkq	1.922	2.304	2.573	2.265	2.898	2.836	2.789	2.413	3.997	4.044	110524	DGKQ	NM_199011_5_-1
Fchsd2	-3.934	-3.639	-0.719	0.125	-1.115	-2.081	-4.389	-4.795	-4.072	-1.825	207278	FCHSD2	NM_199012_7_+1
Irgc1	0.843	2.402	-4.751	-3.043	-0.695	1.618	-0.282	0.716	1.475	1.937	210145	IRGC	NM_199013_7_-1
Phf11d	2.274	1.787	5.039	4.718	5.433	4.503	5.844	4.747	5.405	3.956	219132	PHF11	NM_199015_14_-1
Enpp4	5.993	5.672	6.643	6.386	3.289	4.049	3.948	4.210	2.171	1.230	224794	ENPP4	NM_199016_17_-1
9230110C19Rik	-2.013	-0.003	-2.822	-3.370	-4.966	-3.645	-4.962	-4.730	-4.981	-4.227	234912	C11orf70	NM_199017_9_-1
Stard8	2.240	1.859	2.455	2.206	-0.772	-1.562	3.283	3.971	5.925	6.023	236920	STARD8	NM_199018_X_+1
Spp12c	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.977	-4.460	-4.981	-4.981	237958	SPPL2C	NM_199019_11_+1
Dpp10	-4.981	-2.895	-1.805	-0.905	3.240	2.696	1.755	0.733	-2.119	-3.098	269109	DPP10	NM_199021_1_-1
Shc4	-3.668	-0.576	-1.711	-2.091	-4.680	-3.159	-4.812	-3.246	-1.903	-1.310	271849	SHC4	NM_199022_2_-1
Zbtb26	1.863	1.629	2.123	1.394	2.108	1.980	2.214	1.791	1.593	1.655	320633	ZBTB26	NM_199025_2_-1
Zfp335	3.787	3.600	3.767	3.859	4.573	4.420	4.237	4.051	4.918	5.046	329559	ZNF335	NM_199027_2_-1
Bend3	1.008	0.910	1.020	1.548	1.393	0.669	0.581	0.755	1.296	1.676	331623	BEND3	NM_199028_10_+1

Zfp395	2.001	1.542	1.833	2.379	0.172	0.428	0.855	1.767	0.951	1.672	380912	ZNF395	NM_199029_14_+_1
Cep135	3.589	3.655	3.677	3.706	3.953	3.883	3.343	3.493	3.384	4.030	381644	CEP135	NM_199032_5_+_1
Tsen2	3.576	3.906	2.303	2.557	2.543	2.805	1.796	2.403	1.268	1.514	381802	TSEN2	NM_199033_6_+_1
4922502D21Rik	-0.995	0.193	-4.966	-4.966	-4.027	-4.975	-2.370	-4.832	-4.981	-4.981	381816	NA	NM_199034_6_-_1
Alg8	5.054	4.523	5.371	4.304	5.111	4.002	4.875	3.805	3.813	2.945	381903	ALG8	NM_199035_7_+_1
Casc4	0.906	2.135	0.448	1.258	0.091	1.876	-1.499	0.894	-0.896	-4.295	319996	CASC4	NM_199038_2_+_1
Thap1	3.017	2.979	2.995	3.002	2.600	2.571	2.708	2.760	3.046	2.793	73754	THAP1	NM_199042_8_+_1
Chst9	-4.981	-4.981	-2.514	-3.585	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	71367	CHST9	NM_199055_18_-_1
Ippk	1.659	2.165	2.765	2.540	2.554	2.328	1.960	2.255	2.694	2.659	75678	IPPK	NM_199056_13_+_1
Rusc2	-4.981	-1.757	-2.264	-2.486	-3.120	-4.373	-2.288	-4.950	2.058	-0.390	100213	RUSC2	NM_199057_4_+_1
AF067061	0.643	-0.791	-1.432	-1.800	-4.487	-2.693	-3.829	-0.772	-4.981	-2.539	236546	NA	NM_199060_13_+_1
Zfp781	-0.869	1.870	-1.599	0.942	0.850	2.249	0.232	0.708	0.181	2.007	331188	NA	NM_199062_10_-_2
Zfp781	0.692	-4.981	0.393	-1.316	1.257	-2.185	0.917	-1.993	-0.200	-1.144	331188	NA	NM_199062_dup1_10_-_1
Foxk1	3.081	2.722	3.125	2.997	3.725	3.415	3.879	3.604	4.087	4.016	17425	FOXK1	NM_199068_5_+_1
Ddx17	-0.002	0.632	1.566	1.070	0.758	0.314	0.421	0.094	0.760	1.485	67040	DDX17	NM_199079_15_-_1
Ddx17	4.808	5.103	4.974	4.439	4.710	4.443	4.358	4.560	2.977	4.131	67040	DDX17	NM_199080_15_-_1
Znrf2	6.127	5.986	6.436	6.097	6.659	6.560	6.350	6.147	6.536	6.695	387524	ZNRF2	NM_199143_6_+_1
3110062M04Rik	5.349	4.859	4.681	4.424	4.666	4.566	4.287	4.120	3.285	3.182	78412	C7orf49	NM_199145_6_-_1
Trim30d	6.280	6.097	5.305	4.572	4.793	3.866	4.929	3.815	4.902	4.250	209387	NA	NM_199146_7_-_1
Ppp1r37	1.523	1.886	1.329	1.768	2.033	1.329	1.766	1.495	3.087	3.050	232947	PPP1R37	NM_199149_7_-_1
BC049730	-4.981	-4.981	-4.925	-4.274	-4.981	-4.582	-4.977	-4.229	-4.981	0.939	232972	NA	NM_199150_7_+_1
Obscn	4.449	2.985	-3.252	-4.603	-4.084	-4.712	-4.981	-4.981	-3.625	-4.981	380698	OBSCN	NM_199152_11_-_1
Ifnk	-4.981	-4.981	-4.845	-4.320	-4.923	-4.586	-3.118	-2.737	-3.351	-1.054	387510	IFNK	NM_199157_4_+_1
Tas2r135	-1.949	-4.981	-4.981	-4.981	-4.964	-4.866	-4.955	-4.968	-2.936	-4.981	387512	TAS2R60	NM_199159_6_+_1
Bckdhh	2.833	-2.455	0.274	-2.444	1.383	-4.300	1.390	-2.403	-1.874	-4.790	12040	BCKDHB	NM_199195_9_+_1
Suz12	3.835	3.942	4.524	4.460	4.882	4.669	4.654	4.564	4.279	4.817	52615	SUZ12	NM_199196_11_+_1
Rbfa	6.620	6.794	5.786	5.623	5.556	5.573	6.090	6.005	6.411	6.022	68731	RBFA	NM_199197_18_-_1
Hdac10	4.457	4.073	2.904	2.684	3.928	3.892	3.404	2.720	3.336	2.742	170787	HDAC10	NM_199198_15_-_1
Tmem199	6.018	5.740	5.399	5.344	5.541	5.463	5.206	5.055	4.550	4.371	195040	TMEM199	NM_199199_11_-_1
Fam171a2	1.383	2.207	-1.779	-2.661	-3.705	-3.353	-4.789	-4.777	-4.981	-3.758	217219	FAM171A2	NM_199200_11_-_1
Cd300ld3	-4.981	-0.318	-4.305	-3.970	-3.622	-2.417	-3.833	-0.763	-4.619	-4.920	382551	CD300LD	NM_199201_11_-_1
Cd300ld3	-4.981	-4.350	-4.259	-3.991	-3.717	-2.835	1.183	1.492	-0.692	-0.542	382551	CD300LD	NM_199201_dup1_11_-_1
Cd300lb	-1.818	-4.981	0.927	-0.228	2.628	2.801	6.119	6.448	8.424	8.400	217304	CD300LB	NM_199221_11_-_1
Lman1l	-4.981	-4.981	-4.977	-4.426	-4.027	-4.994	-4.981	-4.981	-4.981	-4.981	235416	LMAN1L	NM_199222_9_-_1
Cd300c	7.464	4.146	2.837	0.169	-0.602	-2.669	0.173	-2.968	-3.043	-4.227	387565	CD300C	NM_199225_11_-_1
Sema6d	1.022	-4.760	1.991	2.457	1.402	2.061	-0.056	1.188	-3.334	-2.113	214968	SEMA6D	NM_199238_2_+_1
Sema6d	-2.091	-1.113	0.558	0.132	-0.545	-0.441	0.071	-1.045	-1.229	-2.599	214968	SEMA6D	NM_199239_2_+_1
Sema6d	-3.772	-3.110	-0.703	-0.452	-0.130	-1.120	-0.205	-0.022	-2.372	-1.710	214968	SEMA6D	NM_199240_2_+_1
Sema6d	-4.063	-3.770	-2.614	-0.400	-3.364	-4.066	-2.718	-4.417	-3.747	-3.717	214968	SEMA6D	NM_199241_2_+_1
Kcnk12	-3.349	-4.981	0.886	0.877	-1.068	2.235	-0.663	1.204	0.890	2.540	210741	KCNK12	NM_199251_17_-_1
Unc93a	-4.981	-4.981	-4.944	-4.611	-4.917	-3.158	-4.943	-3.755	-4.981	-4.981	381058	UNC93A	NM_199252_17_-_1
Jade2	3.860	3.641	2.937	2.931	3.997	4.046	3.483	2.701	0.148	-1.548	76901	JADE2	NM_199299_11_-_1
Mtg1	4.916	5.281	4.162	4.673	4.436	4.923	3.900	4.424	4.043	3.877	212508	MTG1	NM_199301_7_+_1
Lrsam1	2.430	3.186	2.261	2.537	2.202	2.568	2.154	2.236	2.689	2.754	227738	LRSAM1	NM_199302_2_-_1
Zfp341	1.274	1.182	0.412	-0.104	0.786	0.614	0.681	-0.533	0.341	-0.135	228807	ZNF341	NM_199304_2_+_1
Tmem39b	2.948	2.078	2.978	2.659	3.469	2.913	3.263	2.965	3.667	3.401	230770	TMEM39B	NM_199305_4_-_1
Wdttc1	1.357	1.914	1.168	0.494	1.258	0.814	1.306	1.151	2.050	2.130	230796	WDTC1	NM_199306_4_-_1
Ece1	3.142	3.247	8.238	8.470	5.639	5.864	5.757	6.198	4.909	5.046	230857	ECE1	NM_199307_4_+_1
Mast3	4.743	4.377	5.085	4.859	5.728	5.394	5.645	5.472	6.177	5.821	546071	MAST3	NM_199308_8_-_1
Ccdc32	5.714	5.560	4.100	3.853	3.886	3.920	4.170	4.145	4.390	4.458	269336	C15orf57	NM_199310_2_-_1
Clec4a1	0.421	-1.243	0.421	0.461	6.052	5.681	7.038	6.925	7.641	7.912	269799	ZNF705A	NM_199311_6_+_1
BC051628	0.245	0.183	-4.765	-3.321	-0.257	0.208	-3.315	-2.952	-4.981	-3.758	332713	FNDC11	NM_199312_2_+_1
Serpina11	-4.981	-4.981	-4.974	-4.941	-4.128	-4.594	-4.167	-4.599	-4.622	-4.981	380780	SERPINA11	NM_199314_12_-_1
Cep162	3.293	3.631	3.440	3.708	4.573	4.640	3.926	3.789	2.856	3.441	382090	CEP162	NM_199316_9_-_1
Jade3	1.808	2.111	1.189	1.057	1.479	1.073	0.764	1.049	1.657	2.066	382207	JADE3	NM_199317_X_+_1
Ssxb5	-4.981	-4.981	-4.946	-4.973	-4.974	-4.979	-4.969	-4.979	-4.976	-4.981	387586	NA	NM_199319_X_+_1
Dot1l	1.845	2.816	2.722	2.761	3.251	2.914	2.848	2.758	3.590	3.642	208266	DOT1L	NM_199322_10_+_1
Tacc1	5.715	6.074	5.599	5.481	5.802	6.083	6.219	6.144	6.390	6.695	320165	TACC1	NM_199323_8_-_1
Lzts1	-3.349	-2.895	-4.962	-4.592	-2.380	-4.126	-3.725	-4.981	-4.981	-4.981	211134	LZTS1	NM_199364_8_-_1
Gal3st2	-1.083	-2.456	1.601	-0.166	1.368	-1.236	0.876	-2.763	-4.981	-3.509	381334	GAL3ST2	NM_199366_1_+_1
Zpbp2	1.121	1.176	-3.119	-3.891	-3.082	-3.972	-1.767	-2.992	-2.982	-2.072	69376	ZPBP2	NM_199419_11_+_1
S100a7a	-4.981	-4.981	-4.911	-4.535	-4.354	-3.611	-3.702	-4.970	-4.981	-4.981	381493	NA	NM_199422_3_+_1
Phkb	5.715	5.915	5.614	5.621	5.051	5.304	4.677	4.689	3.986	4.615	102093	PHKB	NM_199446_8_+_1
Rrp12	2.094	1.745	2.572	2.976	3.091	2.520	3.030	2.761	3.812	2.988	107094	RRP12	NM_199447_19_-_1
Fez2	3.813	4.258	3.989	4.265	3.978	4.079	4.493	4.829	5.163	5.083	225020	FEZ2	NM_199448_17_-_1
Zhx2	-0.202	-0.637	0.464	0.364	1.558	1.399	1.103	1.075	1.267	1.530	387609	ZHX2	NM_199449_15_+_1
Nexn	-4.981	-4.981	-4.989	-4.613	-4.790	-4.368	-4.451	-4.666	-4.394	-4.981	68810	NEXN	NM_199465_3_-_1
Eml4	-3.894	-4.394	-3.110	-4.863	-1.697	-4.564	-0.233	-3.195	-0.869	1.474	78798	EML4	NM_199466_17_+_1
Mms22l	2.820	2.750	3.541	3.440	3.874	3.681	3.008	3.068	2.249	2.082	212377	MMS22L	NM_199467_4_+_1
Nploc4	-2.105	-2.301	1.122	0.587	0.851	-0.623	0.750	-3.939	-3.823	-0.973	217365	NPLOC4	NM_199469_11_-_1
Cdh24	-1.491	-1.747	-2.786	-3.445	-2.381	-3.078	-3.722	-2.783	-2.720	-3.498	239096	CDH24	NM_199470_14_-_1
Fam63a	3.321	3.250	2.234	2.207	1.821	1.932	3.066	3.533	5.498	5.154	75007	FAM63A	NM_199475_3_+_1
Rrm2b	4.674	4.600	3.790	3.235	4.313	4.376	4.131	3.703	3.359	3.828	382985	RRM2B	NM_199476_15_-_1
Lrrc47	4.935	4.730	4.861	4.989	4.842	4.608	4.679	4.780	5.528	5.352	72946	LRRC47	NM_201226_4_+_1

Dand5	-4.981	-4.981	-4.981	-4.981	-4.973	-4.821	-4.981	-4.981	-2.023	-4.981	23863	DAND5	NM_201227_8_-1
Fgfr10p	6.632	6.722	4.734	4.969	5.252	5.133	4.673	4.331	4.290	4.399	75296	FGFR10P	NM_201230_17_+1
Nipbl	5.518	5.882	5.149	5.129	5.796	5.530	5.565	5.330	4.972	5.339	71175	NIPBL	NM_201232_15_-1
Rnase4	-1.894	-2.197	-4.106	-4.270	-4.898	-4.906	-1.449	-4.206	1.876	1.292	58809	RNASE4	NM_201239_14_+1
Lims1	3.465	3.988	8.196	8.182	6.789	7.481	5.719	5.499	4.952	5.345	110829	LIMS1	NM_201242_10_+1
Copg1	1.318	2.032	1.254	1.582	1.649	1.304	1.426	1.601	1.351	1.194	54161	COPG1	NM_201244_6_+1
Mpr1p	4.251	4.101	5.943	5.908	4.997	4.957	5.596	5.469	6.146	6.057	26936	MPRIP	NM_201245_11_+1
Eif4ebp3	2.790	2.769	3.039	2.553	2.770	2.575	2.823	2.233	1.923	1.897	108112	EIF4EBP3	NM_201256_18_+1
Cyb561a3	8.744	8.890	7.044	7.404	7.348	7.713	6.185	6.448	4.792	4.956	225912	CYB561A3	NM_201351_19_+1
Gdpd5	-0.897	0.140	4.760	4.748	2.662	2.257	1.448	2.716	2.175	1.789	233552	GDPD5	NM_201352_7_+1
Slc6a7	-4.981	-4.981	-4.951	-3.557	-4.937	-1.764	-4.983	-3.411	-4.981	-4.981	240332	SLC6A7	NM_201353_18_-1
Ctif	1.386	1.770	0.157	0.196	-0.764	-2.000	-0.381	-0.719	0.334	0.885	269037	CTIF	NM_201354_18_-1
Nat14	-2.025	-0.838	-2.058	-3.837	-4.340	-2.441	-3.220	-4.277	-1.563	-2.003	269854	NAT14	NM_201355_7_+1
Tssc1	5.305	5.595	4.888	5.083	4.968	5.026	4.856	4.757	4.404	4.285	380752	TSSC1	NM_201357_12_+1
Lymr4	5.226	5.145	2.902	3.043	2.817	3.212	2.484	2.926	2.442	2.204	380840	LYRM4	NM_201358_13_-1
Tmem106c	3.619	3.857	1.095	2.472	0.629	1.462	1.229	1.906	-0.034	1.709	380967	TMEM106C	NM_201359_15_+1
Rmdn2	1.197	1.755	1.521	1.828	0.414	0.301	0.886	0.341	-0.075	0.695	381110	RMDN2	NM_201361_17_+1
Ccdc68	-2.727	-1.224	-3.944	-3.049	-3.374	-3.286	-4.674	-2.712	-4.981	-3.167	381175	CCDC68	NM_201362_18_+1
BC055324	0.340	0.980	1.510	1.290	2.042	1.268	1.480	0.578	0.716	-1.064	381306	C1orf112	NM_201364_1_-1
Fam178b	-0.590	-0.316	-4.981	-4.981	-3.512	-4.966	-4.968	-4.734	-4.981	-4.981	381337	FAM178B	NM_201365_1_-1
Gpr176	-2.273	-4.981	1.281	0.438	-4.344	-4.984	-4.363	-3.136	-4.981	-2.391	381413	GPR176	NM_201367_2_-1
Xkr8	1.961	1.815	0.888	1.277	0.552	0.790	1.324	0.719	2.596	2.478	381560	XKR8	NM_201368_4_-1
N4bp2l2	6.582	6.574	5.868	5.748	6.145	6.195	5.944	5.615	4.985	5.264	381695	N4BP2L2	NM_201369_5_-1
Ccdc84	3.851	3.983	3.566	3.367	3.417	3.428	3.193	3.172	2.999	3.091	382073	CCDC84	NM_201372_9_-1
Trim56	2.717	1.410	2.513	2.299	2.768	3.028	2.805	2.202	2.448	2.030	384309	TRIM56	NM_201373_5_-1
Ccdc155	-1.373	-3.408	-2.651	-2.817	-1.084	-2.399	-2.226	-4.116	-4.190	-3.758	384619	CCDC155	NM_201374_7_-1
Plec	-4.276	1.794	-0.505	-1.301	-1.387	-0.539	1.150	-0.347	2.652	2.082	18810	PLEC	NM_201385_15_-1
Plec	-4.323	-4.034	-4.428	-4.793	-4.738	-3.536	-4.552	-3.470	-0.707	-0.988	18810	PLEC	NM_201386_15_-1
Plec	-4.345	-4.060	-4.453	-4.804	-4.769	-4.960	-4.637	-4.899	-3.583	-4.143	18810	PLEC	NM_201387_15_-1
Plec	-4.328	-4.024	-4.423	-4.788	-4.749	-4.959	-4.602	-4.878	-3.489	-4.068	18810	PLEC	NM_201388_15_-1
Plec	-4.594	-4.368	-4.602	-4.904	-3.851	-4.961	-0.539	1.190	4.094	3.481	18810	PLEC	NM_201389_15_-1
Plec	-4.285	-3.968	-4.356	-4.765	-4.699	-4.955	-4.531	-4.839	-3.101	-3.940	18810	PLEC	NM_201390_15_-1
Plec	0.753	-0.149	-3.223	-2.387	-4.776	-3.281	0.677	0.141	1.225	2.530	18810	PLEC	NM_201391_15_-1
Plec	-4.267	-3.953	-4.324	-4.750	-4.668	-4.951	-4.491	-4.817	-2.853	-3.693	18810	PLEC	NM_201392_15_-1
Plec	2.829	2.918	-2.475	-1.644	-0.808	-0.637	0.979	1.578	3.877	3.978	18810	PLEC	NM_201393_15_-1
Plec	3.554	3.424	0.882	1.796	1.986	2.445	3.745	4.366	6.740	6.315	18810	PLEC	NM_201394_15_-1
Pigs	5.991	6.124	5.875	6.181	5.863	5.954	6.023	6.171	6.667	6.357	276846	PIGS	NM_201406_11_+1
Dennd4b	5.497	5.757	6.112	5.954	6.512	6.380	5.934	5.706	6.096	5.929	229541	DENND4B	NM_201407_3_+1
Ugt1a6b	-4.748	1.334	-1.006	3.431	-2.853	2.118	-4.336	3.121	1.492	5.194	394435	UGT1A6	NM_201410_1_+1
Firt1	-3.668	-4.981	-4.411	-4.255	-4.362	-4.946	-4.919	-4.575	-4.981	-4.981	396184	FLRT1	NM_201411_19_-1
Firt2	-0.676	-4.981	-3.727	-3.449	-3.652	-2.783	-4.945	-4.909	-2.598	-4.981	399558	FLRT2	NM_201518_12_+1
Map4k5	4.818	4.716	5.607	5.054	3.776	3.630	3.934	3.991	4.125	4.442	399510	MAP4K5	NM_201519_12_-1
Lmo7	-4.981	-4.981	-3.586	-3.600	-2.758	-2.205	-3.236	-2.616	-4.981	-3.210	380928	LMO7	NM_201529_14_+1
Myo5b	1.268	2.294	-3.803	-2.029	-0.922	1.932	-3.266	-1.112	-1.927	-3.498	17919	MYO5B	NM_201600_18_+1
Pde4c	-3.985	-2.170	-1.755	-0.634	-3.265	-2.415	-2.566	-4.009	-2.151	-4.447	110385	PDE4C	NM_201607_8_+1
Zfp652	2.598	2.622	3.987	4.017	3.748	3.476	3.452	3.312	3.542	3.622	268469	ZNF652	NM_201609_11_+1
Neil2	-1.777	-0.688	-2.301	-2.143	-1.711	-2.095	-3.729	-4.045	-2.329	-2.562	382913	NEIL2	NM_201610_14_-1
Gnas	6.436	6.253	5.902	6.244	5.669	5.442	5.448	5.917	6.392	6.176	14683	GNAS	NM_201616_2_+1
Gnas	-2.548	-4.981	-4.848	-4.874	-4.903	-4.954	-4.981	-4.918	-4.981	-4.981	14683	GNAS	NM_201618_2_+1
Chd8	4.153	4.039	4.828	4.665	5.319	5.056	4.776	4.447	4.433	4.067	67772	CHD8	NM_201637_14_-1
Mettl14	4.097	3.923	3.920	3.994	3.941	3.824	4.000	3.818	3.850	3.926	210529	METTL14	NM_201638_3_-1
Ugt1a10	-4.981	-4.981	-4.863	-4.289	-4.966	-4.715	-4.981	-4.981	-2.918	-2.560	394430	UGT1A10 UGT1A7	NM_201641_1_+1
Ugt1a7c	4.645	2.854	6.234	6.577	5.047	4.677	6.297	6.635	8.861	8.733	394432	NA	NM_201642_1_+1
Ugt1a5	-4.981	-4.981	-4.883	-4.171	-3.305	-4.562	-4.943	-4.031	-4.981	-3.352	394433	UGT1A4	NM_201643_1_+1
Ugt1a9	-4.981	-4.981	-4.916	-1.022	-4.954	-1.635	-4.924	-0.924	-4.981	1.711	394434	UGT1A10 UGT1A7	NM_201644_1_+1
Ugt1a1	-4.981	-4.981	-2.018	-1.270	-3.393	-3.711	-1.256	-1.391	-0.143	1.207	394436	UGT1A1	NM_201645_1_+1
Btbd6	1.128	-0.238	0.780	1.506	0.782	1.478	1.427	0.702	1.629	1.914	399566	BTBD6	NM_201646_12_+1
Sphk2	3.699	3.573	4.352	4.517	4.094	4.158	4.046	3.947	5.581	5.245	56632	SPHK2	NM_203280_7_-1
Dhx37	3.061	3.123	3.359	2.440	3.265	2.942	3.079	2.192	3.305	2.702	208144	DHX37	NM_203319_5_-1
Cxcl3	-4.981	-4.981	-5.012	-1.312	-4.980	-4.946	-4.841	-3.777	-4.244	-3.381	330122	NA	NM_203320_5_+1
Ltk	-4.981	-4.981	-4.981	-4.979	-4.981	-4.981	-4.981	-4.975	-4.981	-4.981	17005	LTK	NM_203345_2_-1
Mrgrpd	-4.981	-4.981	-1.944	-4.404	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	211578	MRGRPD	NM_203490_7_+1
Rwdd4a	4.935	4.971	4.494	4.744	4.511	4.487	4.285	4.305	3.843	4.152	192174	RWDD4	NM_203507_8_+1
Tlr11	-1.507	-4.981	8.221	8.091	3.408	3.724	4.671	5.581	2.163	2.627	239081	NA	NM_205819_14_+1
Tlr13	-1.165	-1.079	6.075	5.915	5.942	5.732	6.690	6.592	8.904	8.945	279572	NA	NM_205820_X_+1
Tlr12	5.314	3.017	6.029	4.968	1.290	2.967	0.797	2.692	-0.908	-1.660	384059	NA	NM_205823_4_-1
Churc1	8.030	8.059	7.349	7.139	7.210	7.354	6.895	6.738	5.590	5.434	211151	CHURC1	NM_206534_12_+1
Cd200r2	-2.075	-4.981	0.274	-3.897	-3.913	-4.941	-4.858	-4.685	-4.981	-4.981	271375	CD200R1L	NM_206535_16_+1
AB124611	1.046	2.866	2.122	3.113	2.202	1.866	3.557	3.818	4.706	4.494	382062	C19orf38	NM_206536_9_+1
Tacc2	2.401	2.370	-2.984	-3.372	-1.511	-0.931	-2.508	-2.293	-0.119	-0.321	57752	TACC2	NM_206856_7_+1
Hist3h2bb-ps	-0.381	-4.981	-1.708	-2.483	-0.733	-4.493	-1.668	-4.094	-2.842	-4.981	382522	HIST3H2BB	NM_206882_11_-1
Jtb	8.084	7.957	7.085	6.980	6.473	6.575	6.349	6.550	6.141	6.156	23922	JTB	NM_206924_3_+1
Ltk	-4.981	-4.655	-4.865	-4.908	-4.900	-4.962	-4.971	-4.969	-4.981	-4.981	17005	LTK	NM_206941_2_-1
Ltk	-4.981	-4.981	-4.962	-4.542	-4.981	-4.981	-4.978	-3.880	-4.981	-4.981	17005	LTK	NM_206942_2_-1

Ltbp1	-4.981	-4.981	-3.732	-0.230	-3.271	-3.897	-1.819	-2.430	0.031	1.245	268977	LTBP1	NM_206958_17_+1
Gpr152	-4.981	-4.981	-0.959	-0.539	-2.814	-2.441	-1.017	-2.124	-1.984	-2.969	269053	GPR152	NM_206973_19_+1
Kcnrg	-4.353	-3.376	-2.741	-3.530	-4.417	-4.913	-4.073	-4.629	-1.716	-1.452	328424	KCNRG	NM_206974_14_+1
H2afy2	-2.948	-4.981	-1.153	-0.193	1.285	2.635	-0.377	0.156	0.067	-0.758	404634	H2AFY2	NM_207000_10_-1
Tas2r126	-1.884	-0.729	-4.387	-4.657	-4.899	-4.023	-3.448	-4.378	-3.750	-4.227	387353	TAS2R41	NM_207028_6_+1
Ano7	-4.981	-4.981	-0.602	1.001	-3.411	-0.886	-4.580	-4.910	-2.177	-4.844	404545	ANO7	NM_207031_1_+1
Haus7	2.233	2.170	1.378	1.371	1.352	1.367	0.066	1.151	0.998	0.287	73738	HAUS7	NM_207104_X_-1
H2-Ab1	12.906	12.926	13.501	13.646	13.899	13.841	13.852	13.893	7.786	7.731	14961	HLA-DQB1	NM_207105_17_+1
Rnf216	3.666	3.919	4.541	4.378	4.669	4.697	4.775	4.448	5.214	4.941	108086	RNF216	NM_207110_5_-1
Cebpe	-4.981	-4.981	-5.009	-4.398	-4.965	-2.407	-4.461	-1.988	2.334	1.807	110794	CEBPE	NM_207131_14_-1
Dnph1	-3.668	-0.317	2.864	1.936	1.925	1.234	1.793	1.173	0.285	-0.760	381101	DNPH1	NM_207161_17_+1
Tes	5.280	5.692	6.884	7.040	7.709	7.367	6.895	6.222	4.331	4.699	21753	TES	NM_207176_6_+1
Ccdc120	-0.274	-0.436	1.141	1.341	-1.664	-1.684	-2.137	-3.361	-4.981	-4.981	54648	CCDC120	NM_207202_X_-1
Prr36	-0.023	-1.176	-4.025	-2.476	-2.803	-1.786	-2.266	-2.685	-3.738	-4.981	73072	PRR36	NM_207203_8_-1
Ninl	-4.981	-2.895	-0.510	-1.217	-2.302	-1.399	-3.008	-1.599	-4.981	-0.553	78177	NINL	NM_207204_2_-1
Igsf3	-3.843	-3.408	-0.921	0.488	4.004	4.625	0.006	-0.665	-4.394	-4.342	78908	IGSF3	NM_207205_3_+1
Lpcat4	0.011	0.197	4.825	5.198	4.242	4.314	5.002	5.155	5.749	5.084	99010	LPCAT4	NM_207206_2_+1
Mrops26	6.995	6.953	5.525	5.719	5.804	5.888	5.737	5.737	4.999	4.886	99045	MROPS26	NM_207207_2_+1
Sec24b	4.825	5.017	5.430	5.248	5.534	5.544	5.754	5.628	6.402	6.495	99683	SEC24B	NM_207209_3_-1
Dyrk4	0.211	0.661	-0.301	-0.237	-1.769	0.601	-2.014	-2.121	-4.981	-2.290	101320	DYRK4	NM_207210_6_-1
Wtip	-1.987	-3.408	-2.468	-1.546	-1.654	-0.493	-3.531	-1.795	-1.452	-1.800	101543	WTIP	NM_207212_7_-1
Snx25	0.543	0.872	3.034	2.812	2.724	2.183	1.632	2.811	3.288	3.042	102141	SNX25	NM_207213_8_-1
Exoc5	4.795	4.855	5.564	5.604	5.311	5.166	5.618	5.419	6.167	6.499	105504	EXOC5	NM_207214_14_-1
Mycbp2	6.588	6.676	6.432	6.325	8.834	9.038	8.302	8.080	7.118	7.299	105689	MYCBP2	NM_207215_14_-1
Fam234a	2.591	2.855	3.886	3.143	4.075	3.058	5.292	4.394	6.450	5.521	106581	FAM234A	NM_207217_17_-1
Oard1	3.899	4.370	3.321	2.917	2.775	2.783	2.926	3.604	3.878	3.532	106821	OARD1	NM_207219_17_+1
Gpr137	1.243	1.255	0.744	0.963	1.600	1.758	1.541	-0.910	1.848	1.438	107173	GPR137	NM_207220_19_-1
Jmjd1c	3.245	3.219	4.178	3.971	5.360	5.254	5.242	4.395	4.611	4.821	108829	JMJD1C	NM_207221_10_+1
Acap3	2.711	3.478	2.431	2.918	3.313	3.197	3.001	3.396	5.209	5.224	140500	ACAP3	NM_207223_4_+1
Hdac4	2.356	1.767	2.820	3.022	3.714	3.572	3.612	3.095	3.982	3.537	208727	HDAC4	NM_207225_1_-1
Tsga10	-0.624	-1.456	-3.586	-3.053	-2.354	-3.198	-1.557	-1.231	1.028	0.475	211484	TSGA10	NM_207228_1_-1
Plac9a	-4.001	-4.981	-4.762	-4.959	-4.853	-4.949	-4.437	-3.926	-4.981	-4.981	211623	NA	NM_207229_14_-1
Plac9a	-4.001	-4.981	-4.762	-4.959	-4.853	-4.949	-4.439	-4.922	-4.981	-4.981	211623	NA	NM_207229_dup1_14_-2
Plac9a	-4.001	-4.981	-4.762	-4.959	-4.853	-4.949	-4.439	-4.922	-4.981	-4.981	211623	NA	NM_207229_dup2_14_-3
Arl5c	7.576	7.344	6.610	6.721	6.597	6.130	7.579	7.528	7.435	7.703	217151	ARL5C	NM_207231_11_-1
Ptpdc1	1.931	2.774	1.204	0.887	0.916	0.647	0.499	0.151	0.238	1.124	218232	PTPDC1	NM_207232_13_-1
Rexo4	5.406	5.412	6.561	6.547	6.246	6.050	5.996	5.870	5.245	5.094	227656	REXO4	NM_207234_2_-1
Man1c1	5.721	6.208	2.350	1.938	2.034	1.312	4.093	4.246	6.005	5.882	230815	MAN1C1	NM_207237_4_-1
Fbxo27	-2.037	-4.981	-4.700	-3.420	-4.936	-4.112	-4.363	-3.610	-4.053	-2.897	233040	FBXO27	NM_207238_7_+1
Gtf3c1	3.371	3.742	4.229	4.636	4.243	4.624	4.170	4.402	4.826	4.859	233863	GTF3C1	NM_207239_7_-1
Npc111	-4.981	-4.981	-4.980	-4.566	-4.976	-4.976	-4.937	-4.806	-2.150	-1.968	237636	NPC111	NM_207242_11_-1
Cd200r4	0.979	-3.315	0.524	-3.836	-0.973	-4.925	0.649	-4.782	0.579	-4.981	239849	CD200R1L	NM_207244_16_+1
Zfp870	1.855	2.113	2.642	2.417	3.738	3.418	3.265	2.934	3.500	3.354	240066	NA	NM_207245_17_-1
Rasgrp3	0.359	-2.048	7.249	7.525	6.142	6.760	4.551	5.273	-1.644	0.005	240168	RASGRP3	NM_207246_17_+1
Zfp532	-3.563	-4.981	-2.154	-0.919	0.834	1.721	-1.821	-1.456	-4.981	-4.981	328977	NA	NM_207255_18_+1
Ankrd34c	-4.981	-4.981	-3.721	-4.868	-2.399	-1.747	-4.848	-4.866	-1.372	-4.981	330998	ANKRD34C	NM_207260_9_-1
BC052040	3.115	3.318	1.801	1.743	1.844	2.120	2.114	1.940	1.416	2.108	399568	C15orf41	NM_207264_2_+1
Tmsb15l	4.392	4.019	3.875	3.961	4.155	3.984	3.779	3.160	-0.226	0.518	399591	NA	NM_207267_X_-1
Ptprh	-0.351	-1.535	1.090	1.367	-3.873	-4.555	-3.019	-3.051	-4.981	-3.210	545902	PTPRH	NM_207270_7_-1
Masantd1	-0.972	-0.505	0.681	0.064	3.390	2.104	2.862	1.016	-1.587	-1.427	403174	MSANTD1	NM_207277_5_+1
Plcxd1	-4.014	-3.566	-4.325	-2.942	-2.577	-4.911	-4.193	-4.861	-4.244	-4.561	403178	NA	NM_207279_5_+1
Cercam	1.318	1.538	1.051	0.847	3.448	3.189	3.106	2.765	2.174	1.668	99151	CERCAM	NM_207298_2_+1
Wrb	4.548	5.526	3.191	3.336	2.801	2.947	2.769	3.353	3.227	3.854	71446	WRB	NM_207301_16_+1
Zranb1	4.003	3.845	3.971	4.007	4.073	4.042	3.981	3.697	4.252	3.962	360216	ZRANB1	NM_207302_7_+1
Mbnl2	5.380	5.557	5.804	5.740	5.142	5.502	5.899	5.983	6.578	7.018	105559	MBNL2	NM_207515_14_+1
Mettl25	3.430	3.514	3.229	3.277	2.878	2.769	2.816	3.107	3.098	3.306	216292	METTL25	NM_207522_10_-1
Rpl23a	9.557	9.359	9.916	9.791	9.767	9.478	10.083	9.674	8.708	8.456	268449	NA	NM_207523_11_-1
Opa3	3.859	4.538	4.385	4.845	5.006	5.353	4.676	4.845	4.249	4.570	403187	OPA3	NM_207525_7_+1
Osbpl1a	2.177	2.852	1.539	1.865	2.187	2.278	2.415	2.056	1.764	1.798	64291	OSBPL1A	NM_207530_18_-1
Zfp81	2.727	3.433	2.404	2.414	2.599	2.601	2.057	2.500	1.872	2.753	224694	NA	NM_207541_17_-1
Rnf138	5.259	5.292	4.742	4.687	4.410	4.641	4.380	3.981	3.708	4.132	56515	RNF138	NM_207623_18_+1
Ace	-4.981	-4.981	-0.630	-1.367	0.158	0.443	5.497	7.054	7.421	7.601	11421	ACE	NM_207624_11_+1
Acsl4	2.258	2.221	-0.291	0.988	-1.408	-1.767	0.018	0.316	2.265	2.580	50790	ACSL4	NM_207625_X_-1
Yipf6	5.424	5.611	5.038	5.029	4.493	4.683	4.883	5.074	5.086	5.385	77929	YIPF6	NM_207633_X_+1
Rps24	8.934	8.615	9.082	8.721	9.067	8.604	9.337	8.853	7.959	7.488	20088	RPS24	NM_207634_14_+1
Rps24	-1.244	-4.981	-4.892	-2.946	-1.973	-4.427	-1.712	-4.137	-3.482	-4.981	20088	RPS24	NM_207635_14_+1
Fndc3a	6.593	6.965	5.545	5.323	5.204	5.223	5.854	5.886	6.308	6.583	319448	FND3A	NM_207636_14_-1
H2-Q6	5.806	4.369	4.819	5.032	4.566	4.064	4.543	4.405	3.788	2.712	110557	HLA-A	NM_207648_17_+1
Rcan2	-4.981	-4.251	-4.978	-4.981	-4.981	-4.980	-4.981	-4.978	-4.981	-4.981	53901	RCAN2	NM_207649_17_+1
Slc14a2	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	27411	SLC14A2	NM_207651_18_-1
Tsc22d1	1.606	1.596	3.866	3.870	3.807	3.791	3.461	2.655	1.816	2.430	21807	TSC22D1	NM_207652_14_+1
Cflar	-2.356	-0.424	-2.646	-3.597	-1.728	-2.751	3.239	2.265	4.689	4.565	12633	CFLAR	NM_207653_1_+1
Efna5	0.142	0.235	-4.487	-4.686	-4.232	-4.796	-4.838	-4.818	-4.172	-4.670	13640	EFNA5	NM_207654_17_-1
Egfr	3.769	4.173	0.458	-0.767	-4.603	-4.980	-4.954	-1.755	-4.981	-2.796	13649	EGFR	NM_207655_11_+1

Hook3	4.425	4.529	5.379	5.300	4.946	4.999	5.118	5.232	5.277	5.701	320191	HOOK3	NM_207659_8_-1
Acpp	-4.981	-4.981	-2.627	-1.663	-3.155	-1.896	-0.083	-0.748	2.155	1.018	56318	ACPP	NM_207668_9_-1
Gabpb1	-2.878	0.699	-2.791	-0.640	-1.041	-4.835	-1.110	-4.544	-2.024	0.238	14391	GABPB1	NM_207669_2_-1
Gripap1	5.051	5.012	5.673	5.691	5.676	5.904	5.687	5.811	5.758	5.758	54645	GRIPAP1	NM_207670_X_+1
Zfp318	2.822	3.139	3.536	3.656	2.531	2.507	2.592	2.751	1.462	2.001	57908	ZNF318	NM_207671_17_+1
Cadm1	3.391	7.506	6.528	7.549	-0.881	2.296	0.668	4.430	-3.974	-1.139	54725	CADM1	NM_207675_9_+1
Cadm1	-0.492	-0.633	-1.187	-0.400	-4.590	-4.544	-2.147	-4.782	-2.723	-0.995	54725	CADM1	NM_207676_9_+1
Dedd2	5.562	5.793	5.628	5.492	5.914	6.090	5.389	5.001	5.577	4.936	67379	DEDD2	NM_207677_7_-1
Ccnl2	6.419	7.017	6.784	6.861	6.958	7.246	6.945	7.323	7.144	7.575	56036	CCNL2	NM_207678_4_+1
Bcl2l11	2.606	3.092	5.161	4.806	3.361	2.893	3.368	3.807	5.431	5.922	12125	BCL2L11	NM_207680_2_+1
Bcl2l11	0.066	1.978	3.499	3.101	1.953	1.327	2.015	2.786	3.465	3.603	12125	BCL2L11	NM_207681_2_+1
Kif1b	0.296	2.491	2.764	3.267	2.783	3.829	2.483	3.741	4.353	5.179	16561	KIF1B	NM_207682_4_-1
Espn	-1.555	-1.910	-1.790	-2.231	-0.525	-0.943	-0.110	-0.231	1.312	1.246	56226	ESPN	NM_207687_4_-1
Espn	-4.886	-4.981	-4.741	-4.976	-4.961	-4.885	-4.529	-4.965	-4.981	-4.981	56226	ESPN	NM_207688_4_-1
Espn	-2.832	-4.981	-4.971	-4.815	-4.145	-4.985	-4.147	-4.931	-4.981	-2.930	56226	ESPN	NM_207689_4_-1
Espn	-4.981	-4.981	-4.979	-4.337	-4.967	-4.792	-4.133	-4.781	-4.981	-3.085	56226	ESPN	NM_207690_4_-1
Espn	-4.981	-4.981	-4.182	-4.974	-4.981	-4.981	-4.880	-4.969	-4.981	-4.981	56226	ESPN	NM_207691_4_-1
Mapk9	5.060	4.787	6.236	6.118	5.550	5.275	5.328	5.256	5.525	5.394	26420	MAPK9	NM_207692_11_+1
Elmo2	-3.732	-0.647	-0.615	0.677	-0.894	-0.062	0.426	1.453	2.188	1.566	140579	ELMO2	NM_207706_2_-1
Syng1	-4.981	-4.981	-4.595	-3.920	-4.980	-3.938	-3.933	-3.218	-3.255	-4.316	20972	SYNGR1	NM_207708_15_+1
Eya3	3.870	4.064	4.942	4.957	4.953	5.124	4.538	4.154	3.483	3.574	14050	EYA3	NM_210071_4_+1
Pcyt1b	-4.981	-4.981	-3.636	-1.219	1.044	0.991	-0.896	-1.565	-2.248	-1.851	236899	PCYT1B	NM_211138_X_+1
Smek1	3.501	3.623	5.076	5.226	5.268	4.869	5.284	5.023	5.407	5.833	68734	PPP4R3A	NM_211355_12_-1
Eya3	-4.500	-4.570	-2.635	-0.868	-2.448	-2.078	-1.709	-1.263	-4.946	-4.956	14050	EYA3	NM_211357_4_+1
Slc35c1	2.075	1.099	3.151	3.061	3.011	2.690	3.499	4.015	5.186	5.042	228368	SLC35C1	NM_211358_2_-1
Fbxo3	4.575	4.853	4.635	4.542	4.463	4.645	4.609	4.593	4.655	4.837	57443	FBXO3	NM_212433_2_+1
Wiz	0.279	-0.570	1.240	0.653	1.284	0.928	1.518	0.756	2.347	2.237	22404	WIZ	NM_212438_17_-1
Gk	-1.339	0.187	0.977	-1.018	0.578	-3.395	1.711	1.559	2.581	1.618	14933	NA	NM_212444_X_-1
Kdelc2	0.864	1.054	2.272	3.084	-0.847	-0.499	0.672	2.178	2.569	3.161	68304	KDEL2	NM_212445_9_+1
Psmf1	6.355	6.104	5.640	6.000	5.437	5.865	5.431	5.845	5.117	5.543	228769	PSMF1	NM_212446_2_-1
AU019823	4.296	4.237	4.198	4.008	3.433	3.941	4.188	3.588	3.951	4.179	270156	C11orf57	NM_212449_9_-1
Ctdspl2	4.538	4.720	4.493	4.520	4.718	4.694	4.823	4.741	4.425	4.880	329506	CTDSPL2	NM_212450_2_+1
Rxfp1	-2.505	-1.263	-4.946	-4.946	-4.951	-4.683	-4.971	-3.495	-4.981	-4.981	381489	RXFP1	NM_212452_3_-1
Bex4	-2.739	-0.454	-4.758	-0.649	-1.548	0.404	-2.443	0.521	-4.981	-2.571	406217	BEX4	NM_212457_X_+1
Ssbp1	5.740	5.218	5.005	4.844	4.009	3.944	4.587	4.281	3.049	3.338	381760	SSBP1	NM_212468_6_+1
Atraid	1.815	1.560	-0.564	-0.235	0.058	0.312	0.271	-0.530	0.062	-0.290	381629	ATRAID	NM_212470_5_+1
Fam53b	3.582	3.536	3.991	3.738	4.840	4.488	4.006	3.759	3.889	4.378	77938	FAM53B	NM_212473_7_-1
Cnot6	3.992	4.166	4.885	5.114	5.070	5.054	4.735	5.003	4.382	5.004	104625	CNOT6	NM_212484_11_-1
Gimap8	-0.097	-0.131	-4.514	-1.429	-2.763	-2.829	-1.100	0.693	-2.336	-1.660	243374	GIMAP8	NM_212486_6_+1
Sept5	-3.349	-2.120	-2.485	-1.669	-3.740	-3.464	-4.439	-2.273	0.705	-3.275	18951	SEPT5	NM_213614_16_-1
A530032D15Rik	5.291	4.619	2.727	3.599	3.088	3.650	2.216	3.139	1.709	3.074	381287	NA	NM_213615_1_-1
Atp2b4	4.086	5.855	-4.218	0.566	-2.517	0.956	-0.251	1.762	0.788	3.371	381290	ATP2B4	NM_213616_1_-1
Stat3	6.511	6.011	7.013	6.877	7.050	7.098	6.976	6.817	8.138	8.003	20848	STAT3	NM_213659_11_-1
Stat3	4.559	4.336	4.681	4.698	5.403	4.787	4.802	4.289	5.968	5.723	20848	STAT3	NM_213660_11_-1
Inca1	-4.672	-4.827	-4.647	-3.855	-4.944	-2.920	-4.846	-4.966	-4.953	-4.899	103844	INCA1	NM_213729_11_-1
Npepl1	6.100	6.201	6.728	6.591	6.396	6.544	6.285	6.308	6.117	6.076	228961	NPEPL1	NM_213733_2_+1
Snord35a	-4.981	-4.981	-3.511	-4.379	-4.501	-4.890	-4.039	-4.942	-3.738	-3.882	27211	NA	NR_000003_7_-1
Tyms-ps	-4.981	-4.981	-4.965	-4.702	-4.945	-4.922	-4.968	-4.916	-4.981	-4.981	22172	NA	NR_000040_10_+1
Rmrp	-2.304	-2.533	-3.443	-3.189	-2.858	-3.164	-3.891	-4.039	-2.641	-3.205	19782	NA	NR_001460_4_-1
Kcnc10t1	5.488	5.773	6.112	6.108	5.607	6.022	5.219	5.248	3.465	4.311	63830	NA	NR_001461_7_-1
Xist	8.895	8.874	8.314	7.998	8.760	8.861	8.370	8.033	7.130	7.416	213742	NA	NR_001463_X_-1
Xist	-1.758	-2.275	-1.122	-1.520	-3.316	0.275	-4.936	-0.574	-1.550	-4.833	213742	NA	NR_001570_X_-1
Terc	-2.178	-1.591	-4.965	-3.759	-4.322	-4.506	-4.690	-4.344	-3.022	-3.205	21748	NA	NR_001579_3_-1
Speer1	-4.981	-4.981	-4.871	-4.871	-4.980	-4.961	-4.524	0.425	-4.981	-4.981	70896	NA	NR_001586_5_+1
Rpph1	-0.821	-2.275	-0.147	-3.344	-0.661	-3.146	-0.271	-3.273	-0.480	-3.386	85029	NA	NR_002142_14_-1
Snord15b	-2.842	-4.981	-3.492	-4.082	-4.188	-4.329	-4.179	-4.186	-4.190	-4.227	449631	NA	NR_002173_7_-1
Tug1	1.927	-4.109	-1.571	-1.945	-1.381	-3.519	2.318	-0.181	2.245	1.570	544752	NA	NR_002321_11_-1
Tug1	4.834	4.887	5.000	4.874	4.951	4.753	4.830	4.231	4.613	5.051	544752	NA	NR_002322_11_-1
BC002163	4.239	7.801	3.329	6.827	2.760	6.765	3.376	6.602	1.564	5.529	170658	NA	NR_002445_16_+1
BC002163	6.824	-4.981	5.795	-4.883	5.523	-4.891	5.655	-4.676	4.607	-4.981	170658	NA	NR_002445_4_-1
Gm5424	2.027	1.737	4.104	4.764	3.172	3.582	3.225	3.188	1.989	3.496	432466	NA	NR_002687_2_+1
Gm13363	7.067	7.094	6.733	6.848	7.163	7.346	7.246	7.311	7.838	7.970	433406	NA	NR_002688_1_-1
Gm7334	4.737	3.930	0.286	1.366	1.945	1.138	1.246	2.720	1.550	1.506	654432	NA	NR_002700_16_-1
Npm3-ps1	-2.793	-3.193	-3.241	-4.056	-4.413	-4.532	-4.140	-4.174	-4.981	-4.072	108176	NA	NR_002702_6_+1
Gas5	7.325	7.268	7.538	7.443	7.148	7.130	7.218	7.100	5.606	5.500	14455	NA	NR_002840_1_+1
Rn4.5s	0.474	1.037	2.369	2.417	1.918	2.133	1.418	1.706	1.129	1.837	19799	NA	NR_002841_6_-1
Rn4.5s	0.474	1.037	2.364	2.132	1.919	2.130	1.422	1.564	0.549	1.837	19799	NA	NR_002841_dup1_6_-1
Rn4.5s	0.474	1.037	2.382	2.391	1.912	2.144	1.418	1.706	1.129	1.837	19799	NA	NR_002841_dup2_6_-1
Rn4.5s	0.474	1.037	2.369	2.417	1.918	2.133	1.418	1.706	1.129	1.837	19799	NA	NR_002841_dup3_6_-1
Rn4.5s	0.474	1.037	2.369	2.417	1.811	2.144	1.418	1.706	1.129	1.837	19799	NA	NR_002841_dup4_6_-1
Rn4.5s	0.474	1.037	2.382	2.391	1.912	2.144	1.418	1.706	1.129	1.837	19799	NA	NR_002841_dup5_6_-1
Rn4.5s	-0.188	-2.083	0.806	0.135	0.057	-0.996	-0.084	-1.923	-0.406	-0.973	19799	NA	NR_002841_dup6_6_-1
Rn4.5s	-0.188	-2.083	0.806	0.135	0.057	-0.996	-0.084	-1.923	-0.406	-0.973	19799	NA	NR_002841_dup7_6_-1
Rn4.5s	-0.188	-2.083	0.806	0.135	0.057	-0.996	-0.084	-1.923	-0.406	-0.973	19799	NA	NR_002841_dup8_6_-2

Rn4.5s	-0.188	-2.083	0.806	0.135	0.057	-0.996	-0.084	-1.930	-0.406	-0.973	19799	NA	NR_002841_dup9_6_-_2
Tsix	6.370	8.848	3.617	5.738	4.446	7.045	4.513	5.972	1.479	3.568	22097	NA	NR_002844_X_+_1
Nespas	-1.492	-4.981	-3.199	-4.909	-2.196	-3.608	-1.420	-4.871	-1.610	-4.981	56802	NA	NR_002846_2_-_1
Malat1	11.730	12.323	13.060	12.915	12.547	12.824	11.692	11.598	9.825	10.219	72289	NA	NR_002847_19_-_1
Airn	-4.981	-4.981	-3.800	-3.957	-4.987	-4.873	-4.874	-2.362	-4.981	-4.342	104103	NA	NR_002853_17_+_1
Gm4956	-0.342	-4.981	-1.777	-4.947	3.944	-4.890	2.218	-4.785	-2.174	-4.981	241041	NA	NR_002858_1_-_1
Serpina4-ps1	-4.981	-4.981	-4.981	-4.981	-4.602	2.327	-4.966	-1.832	-4.981	-4.981	321018	NA	NR_002861_12_+_1
Gm5088	-3.448	-0.582	-1.961	-1.695	-2.940	-2.068	-2.654	-3.187	-4.132	-2.942	328451	NA	NR_002862_14_+_1
Peg13	5.378	4.761	3.337	2.532	4.775	4.336	4.448	3.540	4.030	3.569	353342	NA	NR_002864_15_-_1
Rnu11	-2.505	-3.267	-2.915	-2.929	-2.396	-2.154	-2.021	-2.817	-1.953	-1.890	353373	NA	NR_002865_4_-_1
Dnm3os	-4.981	-4.981	-4.854	-3.404	-4.933	-3.148	-4.981	-4.981	-4.981	-4.981	474332	NA	NR_002870_1_+_1
Gm1821	8.797	10.448	7.950	9.750	7.551	9.728	7.300	9.600	5.744	8.862	218963	NA	NR_002875_11_+_1
Gm1821	8.813	11.755	7.572	10.915	7.358	10.935	7.288	10.776	5.541	10.036	218963	NA	NR_002875_14_+_1
Gm5643	5.607	4.218	4.088	3.764	4.419	4.507	4.748	3.115	3.391	2.633	434858	NA	NR_002883_15_+_1
Gm5643	-1.668	-0.365	-1.567	-1.924	-1.632	-3.202	-1.562	-3.362	-3.047	-3.053	434858	NA	NR_002883_X_+_1
Gm10052	-4.605	-4.444	-2.646	0.386	-1.729	0.107	-3.934	-1.822	0.023	-0.171	654467	NA	NR_002885_15_+_1
Smarca5-ps	-3.495	-3.131	-2.565	-3.656	-3.466	-3.483	-2.549	-4.555	-2.637	-3.207	545700	NA	NR_002888_4_+_1
Gm5801	-1.950	2.943	-2.254	2.836	-3.592	2.460	-2.970	2.461	-2.293	2.719	545056	NA	NR_002889_14_-_1
Gm5801	6.047	5.823	5.771	5.419	5.600	5.101	5.563	5.200	5.499	5.045	545056	NA	NR_002889_4_+_1
Gm12070	4.779	4.842	4.604	4.856	3.891	3.989	4.192	4.053	2.650	2.507	654472	NA	NR_002890_11_+_1
Gm5512	-1.478	-4.365	-0.806	-4.749	-4.213	-4.840	-1.018	-3.458	-1.706	-4.933	433224	NA	NR_002891_10_-_1
Gm5512	-2.715	-1.576	-2.472	-2.862	-3.792	-4.254	-2.761	-4.757	-4.981	-4.020	433224	NA	NR_002891_19_+_1
Snhg1	4.172	4.237	4.069	3.823	3.361	3.498	3.334	3.427	1.840	1.945	83673	NA	NR_002896_19_+_1
Snora64	-2.268	-1.893	-2.636	-3.978	-2.985	-4.218	-3.516	-3.398	-2.327	-2.797	104366	NA	NR_002897_17_+_1
Snora65	-2.123	-2.437	-2.483	-2.721	-2.902	-4.644	-3.633	-3.574	-4.981	-4.227	104367	NA	NR_002898_2_+_1
Snora70	-1.718	-2.533	-1.871	-2.037	-2.006	-2.500	-2.370	-3.642	-2.923	-2.909	104368	NA	NR_002899_X_+_1
Snora68	-2.026	-1.736	-1.000	-1.836	-1.497	-2.942	-2.175	-2.738	-2.475	-3.459	104370	NA	NR_002901_8_-_1
Snora74a	-4.981	-4.981	-4.764	-4.923	-4.830	-4.867	-4.980	-4.418	-4.394	-4.981	436583	NA	NR_002905_18_+_1
Gm1943	2.906	5.395	2.479	4.753	2.563	4.700	2.050	4.341	1.777	3.530	384864	NA	NR_002928_8_-_1
Snhg10	1.537	0.512	-0.206	-0.535	0.016	-0.691	0.446	0.012	0.605	-0.381	69434	NA	NR_003145_12_-_1
Gnas	9.179	9.107	8.046	8.256	7.816	7.939	7.761	8.097	8.118	8.020	14683	GNAS	NR_003258_2_+_1
Snhg3	5.777	5.024	4.603	4.364	4.430	4.203	5.068	4.628	4.170	3.595	399101	NA	NR_003270_4_-_1
Rab11fip4os1	-2.388	-2.124	-1.708	-2.452	-3.522	-2.718	-3.095	-3.810	-3.088	-3.210	790912	NA	NR_003283_11_-_1
Zxda	4.060	4.603	2.837	2.376	2.766	2.744	2.840	2.245	2.742	2.873	668171	NA	NR_003292_X_-_1
D030028A08Rik	1.842	2.332	2.289	2.308	3.055	3.392	2.890	2.644	1.249	1.718	319371	NA	NR_003293_11_+_1
Gm6548	2.159	0.782	2.376	0.665	2.092	-0.573	2.455	-0.048	2.887	0.656	625054	NA	NR_003363_17_-_1
BC018473	-4.981	9.062	-4.853	5.752	-4.674	9.163	-4.619	7.519	-4.981	5.497	193217	NA	NR_003364_11_+_1
Pvt1	-1.549	-1.460	0.804	1.454	1.773	2.399	1.861	2.173	-0.990	0.921	19296	NA	NR_003368_15_+_1
Gm15772	8.432	8.280	8.766	8.522	8.563	8.367	8.927	8.548	7.678	7.332	100034726	NA	NR_003373_11_+_1
Gm7367	-1.465	2.754	-0.372	2.713	-0.087	2.187	-0.009	3.052	3.247	3.746	664849	NA	NR_003376_11_+_1
2210409E12Rik	-2.784	-4.981	-4.566	-4.520	-4.985	-4.616	-4.821	-3.507	-3.043	-4.981	72381	NA	NR_003492_11_+_1
Oas1b	-0.910	-1.679	-1.085	-2.415	1.736	1.097	0.850	-0.100	1.646	0.153	23961	NA	NR_003507_5_+_1
Mx2	3.309	4.047	3.195	2.656	2.904	2.306	3.113	3.105	3.704	3.816	17858	NA	NR_003508_16_+_1
Neat1	6.528	6.780	6.899	7.428	8.007	8.668	7.785	7.818	7.718	8.077	66961	NA	NR_003513_19_-_1
Pisd-ps1	8.118	5.446	4.180	3.926	5.732	5.787	5.090	4.752	4.453	4.216	236604	NA	NR_003517_11_+_1
Pisd-ps2	0.369	0.790	0.454	0.160	1.501	0.913	0.289	0.041	0.626	0.517	328734	NA	NR_003519_17_-_1
Mx1	2.896	2.405	4.730	3.845	3.188	2.652	3.837	3.092	4.427	3.555	17857	NA	NR_003520_16_-_1
Abhd1	2.046	0.635	1.615	-1.893	3.150	0.387	2.975	0.024	2.832	0.382	57742	NA	NR_003522_5_+_1
H2afy3	-4.981	-4.981	-4.985	-4.724	-4.093	-3.590	-4.309	-4.723	-4.981	-4.981	67552	NA	NR_003523_15_-_1
Trappc13	4.803	4.595	3.081	2.629	2.777	3.031	2.858	2.622	2.786	2.465	66975	TRAPPC13	NR_003546_13_-_1
Vmn2r29	-1.377	-4.981	-2.062	-3.011	-0.163	-2.308	-0.917	-2.366	-1.396	-3.236	76229	NA	NR_003555_7_-_1
Mrpl48	-0.199	-3.360	-4.109	-4.444	-2.060	-4.745	-4.109	-2.506	-4.330	-3.931	52443	MRPL48	NR_003559_7_-_1
Gm15698	-2.686	1.489	-1.532	0.420	-4.936	1.079	-3.871	0.678	-4.981	-0.202	217066	NA	NR_003564_11_-_1
Gpr137b-ps	6.647	7.101	6.270	6.583	5.315	5.668	5.874	6.058	6.256	6.419	664862	NA	NR_003568_13_-_1
Gm6455	-4.981	-4.981	-4.843	-4.552	-4.973	-4.751	-2.026	0.838	-4.981	-4.981	623849	NA	NR_003596_5_+_1
6330549D23Rik	-0.609	-0.717	-1.981	-2.512	-1.309	-2.588	-1.123	-3.169	-1.760	-2.370	229613	NA	NR_003619_3_-_1
Gm5069	-0.931	-1.093	-0.725	-1.398	-1.065	-1.692	-2.370	-2.973	-0.978	-1.374	277333	NA	NR_003623_1_-_1
Gm6498	-0.767	-2.151	-3.229	-3.726	-3.605	-4.893	-3.559	-4.380	-1.739	-1.252	624367	NA	NR_003630_14_+_1
Gm6787	-0.640	-0.729	-2.420	-2.525	-1.225	-2.784	-3.254	-4.973	-2.158	-2.307	627782	NA	NR_003632_X_+_1
Meg3	-4.981	-4.981	-4.049	-4.138	-4.859	-3.866	-2.898	-4.752	-4.981	-4.981	17263	NA	NR_003633_12_+_1
Rps4l	6.013	5.486	4.186	3.430	3.159	2.440	3.377	3.104	2.652	2.669	66184	NA	NR_003634_6_+_1
Snora15	-4.981	-4.981	-4.449	-4.833	-4.353	-4.936	-4.960	-4.813	-4.981	-4.981	100113364	NA	NR_003681_5_+_1
Hyi	4.245	1.650	3.466	1.761	3.715	1.341	3.846	0.818	2.491	-0.723	68180	NA	NR_003946_4_+_1
Asb7	-0.566	-1.577	-0.087	-0.441	0.850	0.568	-0.371	-0.286	0.925	1.043	117589	ASB7	NR_003961_7_-_1
Gm10653	-1.043	-0.019	-2.172	0.550	-2.779	-0.386	-3.175	0.356	-4.202	-0.422	677044	NA	NR_003965_9_-_1
Atp10d	2.641	2.852	5.336	5.572	5.356	5.575	5.498	5.395	4.898	5.532	231287	NA	NR_003966_5_+_1
Gm4759	1.510	4.314	-1.271	1.546	-2.163	3.508	-1.177	4.644	-1.071	5.955	209380	NA	NR_003967_7_-_1
Btln5-ps	-4.981	-4.981	-3.741	-4.398	-4.983	-4.983	-4.852	-4.362	-4.981	-4.981	81497	NA	NR_004051_17_-_1
Gm9079	-1.203	-3.408	-2.854	-2.808	-3.576	-3.642	-3.189	-3.718	-2.004	-0.710	668272	NA	NR_004052_10_-_1
Adarb1	-4.223	-3.303	-4.610	-4.426	-4.429	-4.736	-4.127	-4.529	-4.600	-4.159	110532	ADARB1	NR_004429_10_-_1
Rnu12	-1.803	-2.153	-2.577	-2.295	-1.553	-1.400	-1.729	-2.136	-3.189	-2.388	104307	NA	NR_004432_15_+_1
Gm8234	-1.629	-3.261	-3.185	-3.337	-3.353	-4.157	-4.315	-3.225	-2.977	-2.849	666680	NA	NR_004433_3_+_1
Apoo-ps	-4.981	-4.981	-4.944	-4.946	-4.981	-4.981	-4.883	-4.971	-4.769	-4.981	621156	NA	NR_004438_X_+_1
Gm15421	0.952	1.410	0.176	0.727	0.216	0.285	0.186	0.350	-0.115	-0.205	100042049	NA	NR_004442_5_-_1

Zfhx2os	-4.935	-3.132	-2.593	-4.757	-2.249	-3.323	-3.579	-4.959	-2.144	-4.429	432855	NA	NR_004444_14_+_1
Snord22	-3.189	-2.681	-2.002	-3.485	-2.388	-2.843	-2.978	-3.891	-3.189	-3.853	100127111	NA	NR_004445_19_+_1
H2-K2	5.431	4.564	5.430	5.394	5.975	5.492	5.719	5.196	4.451	3.541	630499	NA	NR_004446_17_-_1
Gm5523	-2.740	-3.263	-2.150	-3.588	-2.845	-3.308	-2.752	-3.676	-2.628	-3.573	433273	NA	NR_004447_1_-_1
Gm44502	-1.139	-3.690	-4.604	-3.355	-3.350	-4.963	-2.434	-3.452	-1.901	-2.236	100134861	NA	NR_004843_15_-_1
Cdk3-ps	-2.317	-0.824	-1.870	-3.559	-2.132	-2.880	-2.863	-3.782	-2.519	-1.102	69681	NA	NR_004853_11_+_1
Gm12060	-3.689	-4.981	-3.666	-4.034	-4.331	-4.993	-4.059	-4.441	-3.820	-2.786	100134990	NA	NR_004857_11_-_1
Etold2	2.917	3.475	1.847	1.919	1.591	2.152	2.376	1.440	1.727	2.124	13996	NA	NR_015349_13_+_1
Six3os1	-4.981	-4.981	-4.981	-4.981	-4.942	-4.952	-4.981	-4.981	-4.981	-4.981	100043902	NA	NR_015385_17_-_1
Six3os1	-4.981	-4.981	-4.981	-4.981	-4.949	-4.949	-4.981	-4.981	-4.981	-4.981	100043902	NA	NR_015386_17_-_1
BC064078	6.006	5.500	4.736	5.857	4.132	6.348	4.560	4.813	4.338	3.606	408064	NA	NR_015455_6_+_1
B430010I23Rik	-4.981	-2.365	-3.023	-3.590	-3.161	-4.313	-1.378	-1.950	2.138	0.765	78849	NA	NR_015457_8_+_1
1700047M11Rik	-4.981	-4.981	-4.946	-4.946	-4.966	-4.830	-4.952	-4.261	-1.731	-4.227	67330	NA	NR_015458_1_+_1
4933431E20Rik	-4.981	-2.137	-4.743	-1.411	-4.518	-1.109	-2.730	-1.823	-3.925	-4.981	329735	NA	NR_015459_3_-_1
Shhg17	2.868	2.759	2.013	2.187	2.363	2.571	1.650	1.741	1.561	0.787	68108	NA	NR_015463_2_-_1
A330069E16Rik	1.838	2.464	0.077	0.749	0.476	1.945	0.409	1.004	-0.268	0.422	606735	NA	NR_015464_2_+_1
C920009B18Rik	0.999	0.618	3.233	3.425	3.674	3.676	2.682	2.548	2.742	2.716	606736	NA	NR_015465_10_+_1
Ptgs2os	-4.981	-4.981	-4.764	-3.047	-2.141	-1.951	-2.166	-4.298	-4.981	-3.510	320019	NA	NR_015466_1_-_1
5530601H04Rik	3.409	3.862	3.443	3.357	4.129	4.233	3.620	3.441	3.200	3.248	71445	NA	NR_015467_X_-_1
2900079G21Rik	-4.920	-4.637	-4.980	-4.972	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	620760	NA	NR_015468_9_+_1
2610203C22Rik	-3.090	-0.494	-2.996	-2.527	-4.865	-3.874	-1.998	-1.438	-2.434	-1.810	72481	NA	NR_015470_1_-_1
3830408C21Rik	-1.014	0.416	0.369	0.272	-0.172	-0.900	-0.703	-0.871	-0.982	0.042	100040322	NA	NR_015471_13_+_1
9530082P21Rik	2.254	2.793	2.620	2.310	2.818	2.675	2.568	1.602	2.433	1.775	638247	NA	NR_015472_17_+_1
1700020I14Rik	5.117	4.898	4.954	4.614	4.740	4.724	4.741	4.612	4.293	4.207	66602	NA	NR_015473_2_+_1
Il1bos	-2.647	-4.981	-0.229	0.644	1.015	1.027	0.977	0.529	-0.319	-1.211	329514	NA	NR_015474_2_+_1
1700086O06Rik	-0.055	-4.981	-3.167	-4.931	-1.283	-5.009	-1.767	-4.988	-4.981	-4.981	73516	NA	NR_015475_18_-_1
1500011K16Rik	5.429	5.484	5.224	5.187	4.288	4.988	4.785	4.904	3.340	3.519	67885	NA	NR_015476_2_-_1
Atcayos	-2.759	-1.909	-4.981	-4.981	-4.974	-4.974	-4.981	-4.981	-4.981	-4.981	69678	NA	NR_015477_10_+_1
5730422E09Rik	0.071	-0.445	-2.991	-2.840	-2.602	-1.956	-3.085	-3.387	-2.390	-3.882	433966	NA	NR_015478_5_-_1
C230091D08Rik	1.165	1.991	2.121	1.864	1.174	0.993	1.794	0.852	1.620	2.485	330544	NA	NR_015479_7_-_1
Mtag2	-4.981	-2.958	-3.937	-4.896	-4.726	-4.274	-4.585	-4.982	-4.981	-4.981	50994	NA	NR_015480_7_+_1
1700108F19Rik	-1.627	-0.968	-4.981	-4.981	-4.953	-4.869	-4.950	-4.928	-4.981	-4.981	73272	NA	NR_015485_14_+_1
D130017N08Rik	0.565	-0.393	0.145	-0.075	0.100	0.200	-0.906	-0.540	0.371	-0.608	320064	NA	NR_015486_5_+_1
A930005H10Rik	1.478	0.577	1.585	1.274	0.209	-0.716	0.910	0.485	0.194	0.415	68161	NA	NR_015487_3_-_1
2900041M22Rik	2.308	2.835	-4.925	-4.573	-4.982	-4.328	-4.910	-2.097	-3.471	-2.421	78403	NA	NR_015489_11_+_1
A630089N07Rik	1.703	1.810	2.647	2.169	2.933	2.232	2.405	1.044	0.973	0.933	320586	NA	NR_015491_16_-_1
C230035I16Rik	-2.647	-4.981	-4.510	-4.897	-3.477	-4.800	-3.154	-4.652	-4.981	-4.981	320842	NA	NR_015492_13_-_1
2810403D21Rik	2.242	2.202	-0.094	-0.615	0.735	-0.092	0.781	0.207	0.404	0.259	69964	NA	NR_015493_X_+_1
4930511M06Rik	-4.436	-3.994	-4.706	-4.864	-4.793	-4.934	-4.563	-4.901	-4.465	-4.765	75084	NA	NR_015494_18_-_1
A230056P14Rik	0.088	-3.076	-2.047	-4.953	-1.751	-3.749	-2.438	-2.805	-0.863	-3.554	320845	NA	NR_015495_7_+_1
1500004A13Rik	-0.942	-0.565	0.930	0.587	0.741	0.132	0.370	-0.241	0.699	0.650	319830	NA	NR_015498_3_-_1
C030034L19Rik	-2.842	-4.981	-2.734	-4.143	-2.535	-3.457	-3.726	-3.033	-1.461	-2.403	320088	NA	NR_015499_3_+_1
A530013C23Rik	-4.981	-4.981	-4.776	-4.765	-4.980	-4.980	-1.866	-4.694	-0.992	-0.896	329562	NA	NR_015500_2_+_1
A330040F15Rik	-3.189	-4.981	-4.258	-3.148	-3.332	-3.596	-1.951	-2.658	-0.825	-2.047	74333	NA	NR_015503_19_-_1
Firre	3.900	4.158	3.190	3.374	2.454	3.274	2.616	3.208	2.875	3.466	103012	NA	NR_015505_X_-_1
4833418N02Rik	1.279	1.571	0.939	0.980	1.524	1.984	1.723	1.313	1.425	1.756	74597	NA	NR_015506_17_-_1
C130036L24Rik	1.913	1.031	0.622	0.346	0.262	0.564	0.457	0.024	-1.525	-1.314	319336	NA	NR_015507_1_+_1
Jpx	1.937	1.904	0.990	0.232	1.063	0.121	1.510	-0.439	-0.574	-0.191	70252	NA	NR_015508_X_+_1
4632427E13Rik	1.172	1.771	1.943	2.117	2.844	3.159	2.315	2.225	1.920	1.558	666737	NA	NR_015510_7_-_1
E030011O05Rik	-3.189	-4.981	-2.244	-1.727	-2.430	-2.526	-4.338	-3.992	-4.981	-4.981	319859	NA	NR_015511_9_-_1
9330175E14Rik	-0.251	-1.093	1.174	0.887	-0.351	-0.447	0.166	-0.205	0.089	0.798	320377	NA	NR_015514_8_-_1
6430562O15Rik	-4.981	-2.767	-2.540	-1.688	-3.196	-4.245	-3.587	-3.800	-2.179	-2.280	320893	NA	NR_015515_13_-_1
4930526I15Rik	0.616	1.123	1.209	1.239	1.235	1.567	1.451	0.536	0.149	1.361	75135	NA	NR_015516_9_+_1
5930412G12Rik	-4.981	-4.981	-4.959	-3.041	-4.268	-4.001	-4.964	-3.820	-4.981	-4.981	319616	NA	NR_015517_5_-_1
Al662270	8.718	8.675	7.716	7.937	6.755	6.771	6.916	7.307	6.535	6.971	100043636	NA	NR_015519_11_+_1
1700030C10Rik	-0.400	-4.981	-1.280	-4.810	-2.232	-4.805	-1.457	-4.733	0.171	-4.981	69513	NA	NR_015521_12_-_1
2810429I04Rik	-1.888	-4.981	-0.237	-1.196	0.473	0.458	-1.344	-3.333	-4.981	-4.342	76937	NA	NR_015522_13_+_1
A730017L22Rik	1.137	1.893	0.386	0.410	0.549	0.597	0.819	0.668	0.906	1.240	613258	NA	NR_015523_2_-_1
Cep83os	3.696	3.779	2.859	2.347	3.705	3.693	2.906	2.335	2.815	2.488	67723	NA	NR_015524_10_-_1
9430060I03Rik	0.891	1.505	0.602	0.422	1.412	2.864	1.051	0.720	-0.456	0.480	100037260	NA	NR_015525_1_-_1
A830082N09Rik	-3.073	-1.192	-3.145	-2.470	-3.850	-3.868	-3.119	-4.442	-2.371	-2.531	414093	NA	NR_015526_10_-_1
4930417O13Rik	-3.090	-4.981	-3.794	-3.538	-4.954	-4.081	-4.598	-4.987	-3.109	-4.316	73870	NA	NR_015527_6_+_1
BC029722	5.096	6.004	4.913	5.906	4.824	5.769	4.596	5.596	4.813	5.308	613262	NA	NR_015528_2_-_1
R74862	-1.560	-4.981	-0.040	-0.934	-1.076	-2.416	-1.342	-1.385	-4.981	-4.981	97423	NA	NR_015529_7_-_1
Dancr	3.100	2.905	2.318	2.429	1.739	1.888	1.072	1.492	0.225	-0.041	70036	NA	NR_015531_5_+_1
1110038B12Rik	-0.446	0.814	0.423	-0.266	-0.631	-1.059	0.544	0.071	-0.157	0.180	68763	NA	NR_015536_17_-_1
9230114K14Rik	2.291	2.405	-1.679	-0.012	1.039	0.829	0.344	0.662	-0.307	0.145	414108	NA	NR_015537_5_+_1
Gm2518	1.549	-0.164	1.386	1.187	-0.488	0.511	-0.389	-1.276	-1.097	-0.668	100039957	NA	NR_015538_19_+_1
4933400F21Rik	-4.981	-4.981	-1.369	-2.946	-0.956	-1.562	-2.342	-2.864	-2.003	-1.886	74403	NA	NR_015540_1_-_1
Mir99ahg	-4.981	-4.981	-2.240	-2.564	-0.331	0.411	-0.045	-1.476	-0.990	-0.653	77994	NA	NR_015543_16_+_1
4930481A15Rik	3.170	-4.981	1.608	-4.793	1.612	-4.017	1.711	-4.820	1.555	-4.981	74931	NA	NR_015545_19_+_1
1700009J07Rik	-4.981	-4.981	3.703	3.684	-2.093	-1.781	-2.794	-1.033	-4.981	-4.981	75188	NA	NR_015547_10_+_1
5830432E09Rik	4.058	3.311	2.923	2.522	1.947	1.810	2.456	2.631	2.238	2.252	67765	NA	NR_015548_7_-_1
Trmt61b	-3.417	-3.094	-2.432	-4.395	-4.398	-4.860	-4.085	-4.692	-3.906	-4.333	68789	NA	NR_015549_17_-_1

Rab10os	3.629	3.711	2.812	2.575	2.989	2.728	2.857	2.804	3.078	2.592	74173	NA	NR_015551_12_+_1
Al506816	-4.981	2.999	-4.205	2.348	-4.881	1.924	-4.799	1.930	-4.981	0.652	433855	NA	NR_015554_5_-_1
4933404O12Rik	0.416	0.769	-0.310	1.139	0.878	1.556	0.745	1.677	-0.328	0.262	66752	NA	NR_015555_5_+_1
2610035D17Rik	5.086	-1.814	2.488	-2.437	2.902	-4.451	3.055	-4.406	2.998	-4.981	72386	NA	NR_015556_11_-_1
5031425F14Rik	-0.034	-2.681	-0.224	0.139	1.678	2.151	1.215	1.225	0.577	0.874	319684	NA	NR_015558_2_+_1
A330023F24Rik	-0.378	0.225	-3.135	-2.225	-0.571	-0.463	-0.650	-0.484	-0.405	0.162	320977	NA	NR_015566_1_+_1
A93000719Rik	-3.028	-1.435	-3.913	-4.116	-3.724	-4.319	-3.580	-2.948	-4.190	-4.342	77779	NA	NR_015567_19_-_1
4732471J01Rik	-2.630	-2.798	-1.895	-2.367	-1.963	-1.046	-1.544	-2.241	-0.962	-3.389	654804	NA	NR_015569_7_+_1
1810014B01Rik	3.264	2.760	2.108	2.023	2.704	2.550	2.482	1.864	0.886	0.867	66263	NA	NR_015572_10_+_1
1700012D14Rik	-0.324	0.447	-1.238	-3.666	-1.638	-1.785	-1.223	-2.433	-2.358	-0.954	75479	NA	NR_015573_7_-_1
4930513N10Rik	-1.096	-0.386	0.081	-0.546	-0.350	-1.647	-1.149	-2.345	-1.486	-1.141	319960	NA	NR_015574_8_+_1
Ube2d-ps	3.161	3.049	2.755	3.338	2.750	3.185	3.074	3.352	2.933	3.139	76508	NA	NR_015577_11_+_1
5430402O13Rik	-0.829	0.196	-2.865	-4.027	-3.556	-2.727	-2.019	-2.534	-1.974	-2.609	73183	NA	NR_015581_6_+_1
C330024D21Rik	-3.691	-4.981	-4.180	-4.178	-2.669	-4.333	-4.060	-4.748	-4.981	-4.227	320479	NA	NR_015582_5_+_1
BC024386	-3.843	-2.997	-3.141	-3.309	-3.305	-3.279	-3.890	-4.688	-4.394	-3.461	212965	NA	NR_015583_7_+_1
4933439C10Rik	5.549	5.222	2.971	2.549	2.527	2.269	2.184	1.961	1.961	2.181	74476	NA	NR_015585_11_+_1
A330035P11Rik	2.384	2.126	1.957	1.806	1.050	2.230	0.543	0.283	-0.643	-0.519	319727	NA	NR_015586_14_-_1
9330158H04Rik	-4.981	-4.981	-3.720	-4.137	-4.383	-4.877	-4.982	-4.816	-4.981	-4.227	319472	NA	NR_015589_6_-_1
5430405H02Rik	2.143	1.875	2.307	1.683	1.826	0.910	1.258	1.133	1.440	0.994	74487	NA	NR_015591_2_-_1
Zfp862-ps	-2.762	-1.222	-1.061	-0.093	-0.666	0.778	0.111	-0.154	0.907	2.602	58894	NA	NR_015597_6_+_1
2810047C21Rik1	-0.029	-0.150	-1.394	-0.788	-0.862	-2.224	-1.096	-1.644	-1.483	-1.398	72716	NA	NR_015598_7_-_1
A230072E10Rik	-1.957	-3.315	-2.519	-3.813	-4.000	-4.839	-3.025	-4.167	-2.961	-4.227	331547	NA	NR_015600_X_-_1
Fam120aos	4.851	4.345	3.793	3.628	3.573	3.635	3.871	3.609	3.740	3.401	68128	NA	NR_015601_13_+_1
F730043M19Rik	-1.157	-1.482	-0.396	0.192	2.646	3.209	1.044	0.878	-1.383	-0.441	320046	NA	NR_015602_12_-_1
E130112N10Rik	-0.172	-0.385	-0.381	-0.591	-0.165	-0.917	-1.775	-0.561	0.853	0.026	78668	NA	NR_015604_6_+_1
2900052N01Rik	0.387	-0.497	-0.908	1.041	5.258	7.091	2.815	4.376	-1.885	-1.066	73040	NA	NR_015605_9_+_1
Ppp1r12b	2.736	1.514	2.631	2.335	2.149	2.030	0.943	0.377	-0.685	-0.682	329251	NA	NR_015606_1_-_1
1810058I24Rik	7.173	7.109	6.651	6.517	6.199	6.392	6.428	6.356	6.001	5.728	67705	NA	NR_015608_6_+_1
9530059O14Rik	-4.981	-4.981	3.680	3.646	3.046	3.541	1.734	1.972	-4.981	-4.981	319626	NA	NR_015610_9_+_1
Hoxaas3	0.843	0.358	-3.023	-3.246	-1.627	-1.779	-4.177	-4.910	-4.394	-3.210	72628	NA	NR_015611_6_+_1
4732416N19Rik	-3.025	-4.981	-4.213	-4.312	-3.891	-4.364	-4.458	-4.958	-3.823	-4.981	320737	NA	NR_015615_6_+_1
A930015D03Rik	3.341	3.370	2.439	2.590	3.032	2.972	2.603	2.249	2.136	1.531	77810	NA	NR_015618_17_+_1
Adarb1	-4.116	-3.057	-4.522	-4.149	-4.042	-4.398	-3.751	-4.260	-4.509	-3.298	110532	ADARB1	NR_021486_10_-_1
Gm6981	-3.248	-1.868	-2.699	-3.575	-1.435	-3.234	-2.613	-4.494	-0.642	-0.910	629557	NA	NR_023357_9_-_1
4930594C11Rik	0.832	1.534	-0.509	-1.167	1.762	1.024	0.622	-0.621	-3.153	-0.927	77633	NA	NR_024017_1_-_1
Mtmr2	2.810	2.691	3.187	3.259	2.575	1.984	2.885	2.787	3.614	3.807	77116	MTMR2	NR_024025_9_+_1
Snhg6	3.272	2.818	4.236	2.787	3.533	2.484	3.725	2.598	2.437	1.377	73824	NA	NR_024067_1_-_1
Snhg7	0.727	-0.053	0.574	0.462	-0.401	-1.955	-0.447	-0.831	-1.646	-0.493	72091	NA	NR_024068_2_-_1
Btbd19	2.675	2.624	2.135	2.591	3.264	3.712	3.083	3.391	2.587	2.189	78611	NA	NR_024078_4_-_1
Gm44505	2.898	3.318	3.161	2.577	2.376	2.556	2.036	1.650	-0.758	-1.247	664779	NA	NR_024093_19_-_1
Gm14057	-1.577	-2.997	-0.631	-4.059	-2.515	-3.682	-1.788	-3.175	-0.562	-3.142	100043766	NA	NR_024097_2_-_1
Prmt6	2.769	3.184	2.609	2.814	2.665	2.534	2.419	2.320	2.907	3.094	99890	PRMT6	NR_024139_3_-_1
Klrb1f	0.987	-4.981	-1.368	-3.373	2.465	1.842	1.075	-0.302	1.042	1.762	232408	NA	NR_024262_6_+_1
Klrb1f	0.677	-4.843	-4.647	-2.475	0.153	0.191	-1.093	-3.395	1.161	-1.128	232408	NA	NR_024263_6_+_1
4930426L09Rik	0.717	1.831	0.942	1.232	0.837	1.621	0.472	-0.111	0.022	-0.053	74629	NA	NR_024323_2_+_1
9130024F11Rik	-3.843	-2.275	-3.478	-3.906	-4.318	-4.803	-3.204	-4.568	-4.981	-2.763	329160	NA	NR_024325_1_+_1
Cnot2	1.259	-0.354	-1.111	0.679	1.373	0.420	1.435	-0.173	-1.451	1.301	72068	CNOT2	NR_024327_10_-_1
9230116N13Rik	2.744	2.265	0.112	0.095	0.534	0.959	1.590	0.765	0.588	0.848	320054	NA	NR_024328_1_-_1
2900097C17Rik	6.491	6.373	7.147	6.770	7.083	6.642	7.337	6.706	7.138	7.316	347740	NA	NR_024329_2_-_1
1700008J07Rik	2.729	2.482	1.154	1.035	1.208	0.656	0.811	0.467	1.277	1.173	629159	NA	NR_024331_7_-_1
Uqcc1	0.539	1.073	0.701	0.106	0.854	-0.131	0.963	0.081	0.755	1.042	56046	UQCC1	NR_024487_2_-_1
Tmem80	2.924	2.495	2.383	2.517	1.881	1.911	2.016	1.620	1.032	1.251	71448	TMEM80	NR_024509_7_+_1
Gm11166	-4.981	-4.981	-4.943	-3.675	-4.933	-2.258	-3.620	-4.702	-4.981	-4.981	625850	NA	NR_024558_17_-_1
Nemp2	4.686	4.774	3.401	3.117	3.713	3.896	3.181	2.697	3.188	3.005	227094	NEMP2	NR_024590_1_+_1
Gm11346	4.244	0.144	-1.128	-2.947	0.780	-2.014	-0.056	-2.087	-2.045	-2.382	76024	NA	NR_024599_13_-_1
2610001J05Rik	7.637	7.695	6.751	6.751	6.593	6.838	6.506	6.616	5.775	5.951	66520	NA	NR_024619_6_-_1
2700099C18Rik	4.281	4.000	1.381	1.449	2.130	1.941	1.926	0.806	-0.644	-2.240	77022	NA	NR_024720_17_+_1
Gm14379	-2.105	-2.583	-4.952	-1.533	-4.390	-1.595	-1.612	-2.619	-1.755	-1.891	100270707	NA	NR_026741_X_+_1
Zfp389	-2.573	-3.315	-4.640	-3.978	-4.797	-4.593	-4.716	-4.713	-4.981	-3.758	100038371	NA	NR_026798_13_-_1
Bach2os	-1.418	-1.254	-3.429	-2.895	-3.031	-4.329	-1.468	-3.029	-2.091	-2.078	414068	NA	NR_026843_4_-_1
C030034I22Rik	3.322	3.450	2.524	2.321	2.831	3.166	2.927	2.964	1.974	2.500	77533	NA	NR_026848_17_+_1
A930012L18Rik	-4.981	-2.997	-4.962	-4.962	-3.752	-3.798	-4.548	-4.764	-4.981	-4.981	626275	NA	NR_026853_18_+_1
1700020N18Rik	-2.494	-4.981	-2.895	-5.009	-2.798	-3.710	-4.511	-4.898	-4.981	-4.981	67086	NA	NR_026924_1_-_1
E330013P04Rik	-4.981	-4.981	-4.960	-4.960	-4.659	-4.843	-4.981	-4.981	-4.981	-4.981	107376	NA	NR_026942_19_+_1
Gm10941	-2.105	-1.901	-2.803	-2.549	-3.361	-3.187	-4.712	-2.815	-1.767	-0.620	100169878	NA	NR_026944_10_-_1
Gm5577	-4.981	-4.981	-4.907	-4.167	-4.285	-4.935	-4.801	-4.779	-4.981	-4.981	434064	NA	NR_026990_6_+_1
Gt(ROSA)26Sor	3.621	4.123	2.069	1.593	1.499	1.310	1.659	1.654	0.977	0.925	14910	NA	NR_027008_6_-_1
Gt(ROSA)26Sor	6.297	5.587	4.853	4.682	4.228	4.031	4.439	4.330	3.503	4.113	14910	NA	NR_027009_6_-_1
Gt(ROSA)26Sor	1.224	2.482	1.770	1.899	0.971	0.645	1.612	0.942	0.475	0.184	14910	NA	NR_027010_6_-_1
Snhg20	5.604	5.094	4.925	4.519	5.228	5.453	5.443	5.178	4.049	3.737	76972	NA	NR_027059_11_+_1
Tmem51os1	-1.217	-4.981	0.066	-0.046	-0.014	0.024	0.750	0.986	1.488	1.655	100038693	NA	NR_027137_4_+_1
Al854703	1.366	0.099	-1.638	-1.297	-2.018	0.309	-2.026	-0.753	-2.679	-4.981	243373	NA	NR_027236_6_+_1
Uckl1os	1.248	1.230	0.519	0.003	0.263	0.672	0.107	-0.626	0.388	-0.156	100271841	NA	NR_027290_2_+_1
A230020J21Rik	-4.981	-2.860	-2.123	-2.809	0.702	-0.005	-0.528	-2.479	-1.476	-2.960	100125339	NA	NR_027298_1_+_1

Pdkx-ps	-3.668	-4.981	-4.915	-4.915	-2.892	-3.179	-4.968	-2.961	-3.109	-3.797	435518	NA	NR_027316_17_-1
Gorasp2	2.568	2.489	2.515	3.159	1.199	1.975	1.612	2.686	3.968	3.987	70231	GORASP2	NR_027343_2_+1
Trpt1	0.555	-0.410	-1.902	-2.244	-1.223	-1.544	-3.761	-1.914	-0.945	-3.878	107328	TRPT1	NR_027351_19_+1
Vash2	-2.714	-0.674	-2.253	-2.653	-2.187	-3.820	-1.666	-2.255	-3.185	-1.900	226841	VASH2	NR_027352_1_-1
Record_removed	6.245	8.918	4.436	4.526	3.939	3.914	3.737	3.904	3.456	3.681	Record_remove	NA	NR_027359_6_-1
Record_removed	5.199	7.708	2.850	2.660	2.484	2.480	1.833	3.070	2.341	2.676	Record_remove	NA	NR_027360_6_-1
Arhgap1	2.460	2.853	4.492	4.485	4.770	3.639	3.721	3.921	4.678	4.613	228359	ARHGAP1	NR_027371_2_+1
Arhgap1	4.778	4.602	5.740	5.925	6.034	6.221	5.961	5.459	6.025	5.814	228359	ARHGAP1	NR_027372_2_+1
Arhgap1	2.188	2.675	2.163	3.178	3.425	3.305	2.222	2.931	3.102	3.298	228359	ARHGAP1	NR_027373_2_+1
Ythdf3	0.879	1.987	0.105	2.361	1.476	1.203	1.730	0.342	3.449	3.611	229096	YTHDF3	NR_027375_3_+1
Gm5468	-4.981	-2.060	-4.767	-3.420	-3.576	-3.939	-4.731	-4.320	-4.981	-4.981	432939	NA	NR_027376_15_+1
Gm17769	-4.981	-4.981	-4.937	-4.937	-3.348	-3.669	-4.212	-4.978	-4.981	-4.981	100045653	NA	NR_027377_10_+1
Gm3219	1.408	1.485	1.115	1.615	0.920	1.337	1.196	1.870	1.975	2.862	100041231	NA	NR_027380_14_+1
1700096K18Rik	4.974	4.718	2.774	2.756	2.925	3.091	3.150	2.535	2.989	2.792	73571	NA	NR_027388_5_+1
Rnf44	0.024	-0.988	2.661	2.956	3.130	2.234	3.232	0.493	2.164	2.512	105239	RNF44	NR_027395_13_-1
Rnf44	3.586	1.816	4.171	4.232	4.157	4.063	3.826	3.019	3.954	4.101	105239	RNF44	NR_027396_13_-1
Fbxo34	-0.228	-0.110	1.039	0.784	-0.738	-0.246	0.061	-0.848	0.542	1.463	78938	FBXO34	NR_027414_14_+1
A230072C01Rik	1.447	0.514	-1.618	-0.902	-0.190	-0.230	-0.519	0.449	-1.320	0.257	320742	NA	NR_027445_X_+1
A230072C01Rik	1.630	1.902	0.554	0.152	1.122	1.241	0.318	0.036	0.436	-0.360	320742	NA	NR_027446_X_+1
AA543186	-0.391	-0.110	0.266	-0.009	-0.437	-0.069	-1.273	-1.058	-1.451	-1.660	100272219	NA	NR_027448_2_-1
Gm17801	-2.616	-2.471	-2.714	-3.307	-3.710	-4.254	-3.466	-4.818	-1.848	-3.278	100272221	NA	NR_027452_17_+1
Chpt1	3.146	3.375	2.007	2.203	0.790	1.590	1.532	2.087	2.902	2.244	212862	CHPT1	NR_027477_10_-1
Gm8580	-3.521	-0.492	-2.609	-0.453	-4.049	-0.836	-3.302	-0.355	-4.238	-0.593	667338	NA	NR_027478_10_-1
Psmd2	1.015	-3.214	1.083	1.545	-0.876	-0.139	0.191	-0.261	1.619	0.675	21762	PSMD2	NR_027485_16_+1
Senp2	0.716	1.169	1.845	2.839	2.976	2.905	3.140	3.033	2.360	3.639	75826	SENP2	NR_027488_16_+1
Il4	-4.981	-4.981	-4.058	-4.166	-4.648	-4.949	-0.091	-3.731	-4.981	-4.981	16189	IL4	NR_027491_11_-1
Hspa13	1.766	2.441	1.080	0.391	0.855	0.915	0.869	1.133	1.752	1.852	110920	HSPA13	NR_027492_16_-1
Pknox1	2.738	3.618	1.972	2.671	2.745	2.429	2.613	2.823	3.756	4.115	18771	PKNOX1	NR_027493_17_+1
Zc3h7a	5.528	5.670	5.654	5.376	5.144	5.285	5.217	5.041	4.838	5.029	106205	ZC3H7A	NR_027502_16_-1
Rnf126	-1.480	-1.225	-0.247	-1.685	-1.049	-1.938	-0.620	-2.233	-0.687	-0.085	70294	RNF126	NR_027505_10_-1
Suv39h2	2.049	2.376	0.620	1.877	1.460	1.019	0.928	0.290	0.999	-0.406	64707	SUV39H2	NR_027509_2_-1
Lrrc57	2.724	2.099	3.090	2.004	2.406	1.158	2.947	1.652	2.585	2.374	66606	LRRCS7	NR_027510_2_-1
Rbm18	2.914	-3.848	1.687	-4.755	1.522	-2.532	1.735	-4.824	2.413	-4.497	67889	RBM18	NR_027515_2_-1
Vps39	1.530	1.337	-1.503	-2.371	-1.762	-2.221	-0.450	-1.229	-3.584	-0.121	269338	VPS39	NR_027618_2_-1
Kctd18	2.455	2.423	1.951	1.799	2.504	1.966	0.974	1.100	2.556	1.982	51960	KCTD18	NR_027650_1_-1
Ralgsps2	2.277	1.226	-1.044	1.083	-1.534	0.620	-0.045	1.986	1.098	0.606	78255	RALGPS2	NR_027640_1_-1
Sec16b	-4.981	-2.828	-4.891	-4.880	-4.711	-4.919	-4.338	-4.492	-3.533	-2.461	89867	SEC16B	NR_027641_1_+1
Vsig8	-4.981	-4.981	-4.927	-3.762	-3.468	-4.090	-3.464	-4.169	-3.925	-4.981	240916	VSIG8	NR_027644_1_+1
Zc3h14	2.003	1.819	1.200	1.555	1.612	1.013	1.009	0.786	1.258	1.339	75553	ZC3H14	NR_027648_12_+1
Meg3	-4.981	-2.737	-3.687	-3.790	-4.925	-2.405	-4.940	-4.912	-4.981	-4.981	17263	NA	NR_027651_12_+1
Meg3	-2.178	-3.019	-4.103	-1.954	-4.928	-0.870	-4.992	-4.218	-4.981	-3.181	17263	NA	NR_027652_12_+1
Oaz1-ps	9.463	9.440	8.818	9.182	8.581	8.764	8.190	8.870	8.337	8.031	100041965	NA	NR_027656_10_+1
Adhfe1	-0.287	-4.981	-4.209	-4.995	-3.666	-4.831	-3.098	-2.875	-1.197	-2.330	76187	ADHFE1	NR_027664_1_+1
Fcrla	5.207	2.671	2.928	-1.074	-2.327	-2.597	-0.479	-2.381	-1.762	-4.560	98752	FCRLA	NR_027666_1_-1
Pum2	-4.025	-3.611	-2.984	-4.527	-4.343	-4.784	-4.378	-4.813	-3.938	-4.642	80913	PUM2	NR_027670_12_+1
E2f6	1.861	3.475	2.766	2.839	2.707	2.797	1.986	2.433	2.668	3.627	50496	E2F6	NR_027678_12_+1
Serp2	2.083	2.102	-3.951	-4.866	-3.836	-3.582	-4.953	-4.296	-4.981	-4.981	72661	SERP2	NR_027699_14_-1
Svip	-3.890	-3.426	-1.444	-1.495	-4.120	-1.957	-4.488	-1.389	-3.973	2.341	75744	SVIP	NR_027704_7_-1
Ppargc1a	-2.637	-4.981	-4.314	-4.957	-1.046	0.622	-4.193	-4.978	-4.508	-4.981	19017	PPARGC1A	NR_027710_5_-1
Dctd	-1.168	0.689	-0.616	-0.870	-2.089	-0.184	-2.761	0.033	-1.961	-4.981	320685	DCTD	NR_027759_8_+1
Hgd	-4.981	-4.981	-1.406	-0.985	0.855	-0.255	-1.614	-3.528	-4.394	-4.981	15233	HGD	NR_027778_16_+1
Airn	-4.981	-4.981	-4.981	-4.979	-4.963	-4.582	-4.980	-4.980	-4.981	-4.977	104103	NA	NR_027784_17_+1
Polg2	3.021	2.958	2.345	2.122	2.809	2.897	2.427	2.534	2.328	2.395	50776	POLG2	NR_027785_11_-1
Tbrg3	1.907	1.815	1.970	2.179	2.713	2.595	2.167	1.450	1.656	1.561	21378	NA	NR_027799_15_-1
Map2k3os	0.142	-0.699	-0.034	-0.344	-1.094	-1.718	-1.410	-1.040	-1.169	-0.345	24082	NA	NR_027800_11_-1
Gm1141	-4.981	-2.239	-3.233	-4.820	-4.867	-4.638	-4.958	-4.941	-4.981	-2.391	382221	NA	NR_027801_X_+1
Mtag2	-4.981	-4.428	-4.751	-4.956	-4.518	-4.438	-3.661	-3.922	-4.981	-4.981	50994	NA	NR_027802_7_+1
D6Erd474e	-4.981	-4.981	-3.011	-4.573	-2.029	-4.308	-0.809	-2.131	-4.981	-4.981	52285	NA	NR_027803_6_+1
Nagpa	1.924	1.749	1.958	2.030	2.797	3.011	2.761	2.538	3.370	3.653	27426	NAGPA	NR_027804_16_-1
A430093F15Rik	-1.433	-2.895	-1.174	-1.616	-0.625	-0.875	-1.601	0.171	1.220	0.933	403202	NA	NR_027805_19_+1
Zfp862-ps	-0.082	1.551	-0.315	-0.464	1.174	1.097	0.013	-0.056	1.137	1.230	58894	NA	NR_027808_6_+1
Mthfr	2.467	1.242	0.362	1.162	-0.446	0.075	0.179	0.107	1.721	0.755	17769	MTHFR	NR_027809_4_+1
1110006O24Rik	1.524	1.447	1.338	0.802	0.492	1.108	0.550	0.382	-0.210	-0.378	66123	NA	NR_027810_5_-1
1500011B03Rik	4.734	4.073	4.477	4.046	3.993	3.875	3.720	3.478	3.689	3.334	66236	NA	NR_027817_5_-1
1500011B03Rik	5.155	6.117	3.975	5.239	3.075	4.863	3.455	5.229	3.808	4.542	66236	NA	NR_027818_5_-1
1810032O08Rik	3.139	2.919	2.898	2.661	2.614	3.225	2.586	3.120	1.424	2.209	66293	NA	NR_027819_11_+1
1810032O08Rik	-0.969	-1.523	-1.319	-3.743	-0.631	-2.515	-3.769	-4.673	-4.736	-4.981	66293	NA	NR_027820_11_+1
1810032O08Rik	1.835	1.998	2.544	3.136	2.175	3.488	1.758	3.038	1.130	1.995	66293	NA	NR_027821_11_+1
Chd3os	3.599	3.451	3.189	3.469	3.163	2.990	2.789	2.440	-0.177	0.821	80515	NA	NR_027827_11_+1
Gm10638	-0.225	0.047	-1.465	-2.685	-1.599	-2.295	-2.084	-2.108	-1.152	-1.321	666945	NA	NR_027829_8_+1
2810002D18Rik	4.177	2.891	2.641	1.485	3.503	2.334	2.983	2.235	2.863	2.182	66457	NA	NR_027831_2_+1
1700020I14Rik	3.140	3.173	3.111	2.581	3.078	2.724	2.908	2.249	2.259	2.194	66602	NA	NR_027832_2_+1
D730001G18Rik	-4.573	-1.088	-4.978	-4.978	-4.981	-4.980	-4.978	-4.976	-4.981	-4.981	78725	NA	NR_027836_15_-1
D730001G18Rik	-2.205	-3.722	-4.931	-4.931	-4.973	-4.693	-4.963	-4.949	-4.981	-4.981	78725	NA	NR_027837_15_-1

Atp2a2	4.808	4.585	3.952	4.239	4.119	4.495	4.250	4.220	3.708	4.283	11938	ATP2A2	NR_027838_5_-1
Pex11b	0.689	-0.127	0.139	1.169	0.496	1.196	1.563	1.221	1.043	-0.274	18632	PEX11B	NR_027844_3_+1
Pex11b	3.478	3.591	3.383	2.674	2.631	1.926	2.670	2.669	2.805	2.948	18632	PEX11B	NR_027845_3_+1
D630029K05Rik	-4.981	-4.981	-4.968	-2.653	-4.965	-4.036	-4.193	-3.403	-4.981	-3.855	103175	NA	NR_027846_10_+1
D630029K05Rik	-4.981	-4.981	-4.972	-4.896	-4.964	-4.954	-4.933	-4.964	-4.981	-4.879	103175	NA	NR_027847_10_+1
2900005J15Rik	2.991	3.112	2.165	2.447	2.831	2.597	2.662	2.535	2.481	2.129	67261	NA	NR_027851_5_+1
Cd40	0.247	-1.855	3.505	3.030	3.998	3.261	3.458	2.257	2.337	2.530	21939	CD40	NR_027852_2_+1
Clk1	6.676	7.259	5.131	5.379	6.313	6.659	5.950	5.814	5.266	5.131	12747	CLK1	NR_027853_1_-1
Clk1	5.040	5.762	6.436	5.921	6.254	5.977	6.081	6.055	6.240	6.340	12747	CLK1	NR_027854_1_-1
Nkx6-2	-4.981	-2.465	-4.981	-4.981	-4.833	-4.737	-4.516	-4.751	-2.042	-3.274	14912	NKX6-2	NR_027857_7_-1
Nlrp1c-ps	-2.030	-4.981	4.127	-4.141	3.014	-4.712	2.677	-4.477	2.765	-3.275	627984	NA	NR_027858_11_-1
Pfkfb2	-4.738	-4.351	-0.086	-1.235	-1.476	-0.315	-2.740	-3.043	0.470	1.243	18640	PFKFB2	NR_027859_1_-1
Gm9199	-2.585	-2.063	-0.004	-2.721	-1.821	-2.215	-1.959	-2.772	-1.841	-4.981	668489	NA	NR_027860_14_+1
Tardbp	4.130	4.197	3.768	3.582	3.428	3.507	3.461	3.360	2.937	2.890	230908	TARDBP	NR_027864_4_-1
5730408K05Rik	0.771	1.238	1.345	1.406	1.490	1.618	1.818	1.823	1.730	1.516	67531	NA	NR_027866_19_-1
Dtnb	-4.567	-4.402	-3.577	-3.747	-3.186	-2.917	-3.474	-4.823	-4.485	-4.948	13528	DTNB	NR_027869_12_+1
Dtnb	2.889	2.362	3.407	2.823	2.180	1.479	1.477	1.267	0.321	0.666	13528	DTNB	NR_027870_12_+1
4930515G01Rik	2.469	2.216	1.594	1.248	1.185	1.137	1.053	-0.084	0.216	0.073	67642	NA	NR_027872_5_-1
0610040B10Rik	1.646	2.120	0.379	-0.313	-0.224	-0.686	-0.449	-1.106	-0.209	-1.513	67672	NA	NR_027874_5_+1
1810058I24Rik	4.126	4.522	3.456	3.643	2.749	3.063	3.199	3.324	3.350	3.055	67705	NA	NR_027875_6_+1
Arrdc1	5.748	6.015	5.820	5.703	6.148	6.114	5.856	5.788	5.782	5.711	215705	ARRDC1	NR_027876_2_-1
4930583K01Rik	-0.415	-4.981	-3.725	-4.176	-3.274	-3.357	-3.972	-4.309	-3.373	-4.316	67745	NA	NR_027879_7_+1
Vaultrc5	-0.612	0.192	0.293	-0.013	0.069	0.782	0.627	-0.486	-0.036	0.211	378472	NA	NR_027885_18_+1
A930013F10Rik	3.064	2.989	2.489	2.146	3.677	3.488	3.054	2.568	2.753	2.425	68074	NA	NR_027886_8_-1
Shhg17	2.552	3.334	2.642	2.291	2.667	2.906	2.104	2.406	0.326	0.794	68108	NA	NR_027887_2_-1
Sqrdl	1.079	2.014	1.210	1.600	0.621	0.741	3.753	3.710	5.263	5.720	59010	SQRDL	NR_027888_2_+1
5031426D15Rik	-4.981	-4.981	-3.730	-4.499	-3.598	-4.527	-4.473	-4.721	-3.009	-3.781	68144	NA	NR_027890_2_-1
5430402O13Rik	0.086	-0.313	-3.779	-1.407	-1.210	-2.532	-0.370	-2.944	-0.748	-2.228	73183	NA	NR_027892_6_+1
A930005H10Rik	2.137	2.261	3.083	3.404	1.395	2.099	2.110	2.802	1.058	1.226	68161	NA	NR_027894_3_-1
A930005H10Rik	-2.176	-1.309	1.104	1.047	0.637	0.910	-0.512	0.234	-0.299	-1.991	68161	NA	NR_027895_3_-1
0610012G03Rik	6.165	5.929	5.382	5.526	5.178	5.271	5.804	5.776	5.271	5.300	106264	NA	NR_027897_16_-1
Shhg9	1.521	1.006	1.211	-0.539	1.513	0.011	1.371	-0.239	0.970	0.044	73474	NA	NR_027900_17_-1
2900060B14Rik	2.557	3.332	2.261	2.230	3.114	3.885	2.665	2.499	1.369	1.831	68204	NA	NR_027901_1_-1
1700086O06Rik	0.070	-1.331	-0.228	-1.435	-1.005	-0.065	-0.712	-1.568	-1.191	-2.013	73516	NA	NR_027903_18_-1
1700086O06Rik	-3.178	-0.963	-1.592	-3.441	-1.432	-2.458	-1.956	-4.406	-2.604	-4.981	73516	NA	NR_027904_18_-1
LOC106740	0.772	1.413	2.389	1.817	1.364	1.043	0.958	0.865	1.554	1.487	106740	NA	NR_027905_17_-1
Igsf9b	-4.981	-4.981	-4.955	-4.329	-4.612	-2.560	-4.966	-4.952	-4.981	-4.981	235086	IGSF9B	NR_027907_9_+1
G630025P09Rik	-4.981	-4.981	-2.839	-0.472	-4.777	-4.751	-4.260	-3.279	-4.981	-3.299	74341	NA	NR_027913_11_+1
5430405H02Rik	2.934	3.168	2.808	2.457	2.320	2.320	2.019	2.162	1.784	1.518	74487	NA	NR_027914_2_-1
1700120K04Rik	-4.981	-2.060	-2.737	-2.827	-3.174	-3.472	-2.716	-2.342	-1.840	-1.100	68232	NA	NR_027915_7_-1
Bambi-ps1	-0.241	1.433	-1.165	-1.310	-2.733	-3.017	-0.125	0.301	1.419	1.081	81913	NA	NR_027919_2_-1
C630043F03Rik	1.738	1.185	1.484	0.932	1.082	1.669	1.783	1.632	0.442	0.471	68285	NA	NR_027923_4_+1
2010204K13Rik	-1.277	-1.656	-2.229	-0.921	-0.022	0.414	-0.593	0.112	-3.043	-4.981	68355	NA	NR_027924_X_-1
2010204K13Rik	-4.841	-2.312	-2.108	-2.067	-0.679	-0.807	-1.655	-1.435	-4.981	-3.758	68355	NA	NR_027925_X_-1
4930507D05Rik	-2.360	-0.965	-1.113	-1.597	-0.416	-0.356	-0.802	-0.994	-1.045	-1.592	74706	NA	NR_027926_10_+1
1110020A21Rik	1.285	1.493	-1.029	0.008	0.070	0.648	0.380	0.446	-0.064	-0.341	68531	NA	NR_027930_17_-1
4930481A15Rik	1.280	-4.981	-0.487	-4.942	0.316	-4.718	0.922	-4.929	0.813	-4.981	74931	NA	NR_027938_19_+1
1110038B12Rik	3.010	2.877	3.068	2.357	2.449	1.990	3.230	2.915	2.462	2.430	68763	NA	NR_027943_17_-1
4930511M06Rik	-2.198	-1.709	-1.560	-1.924	-1.354	-2.144	-1.856	-2.562	-1.210	-2.102	75084	NA	NR_027944_18_-1
4930526I15Rik	2.335	1.839	1.767	1.171	1.991	1.800	1.572	1.524	1.488	0.673	75135	NA	NR_027950_9_+1
Trmt61b	3.739	2.728	2.500	2.216	2.660	1.900	2.497	1.797	2.272	1.559	68789	NA	NR_027952_17_-1
Trmt61b	3.040	2.141	1.705	1.097	1.951	1.068	1.679	0.455	1.042	0.549	68789	NA	NR_027953_17_-1
4931440P22Rik	3.680	3.227	1.820	1.667	2.219	2.694	2.284	1.800	1.868	1.802	71004	NA	NR_027955_3_-1
1700052K11Rik	2.460	3.427	1.917	2.328	2.519	2.704	1.368	1.911	1.831	1.767	73431	NA	NR_027956_11_-1
Ppp4r1l-ps	2.727	2.633	2.164	2.137	2.080	2.511	1.703	2.054	2.430	2.179	100043911	NA	NR_027957_2_-1
D930048N14Rik	0.968	0.815	-0.974	-2.403	0.599	0.526	0.235	-0.232	-3.531	-1.262	97775	NA	NR_027958_11_+1
9130230L23Rik	-4.981	-2.583	-2.771	-3.259	-1.449	-1.003	-3.261	-3.668	-4.981	-2.609	231253	NA	NR_027961_5_-1
Zfp783	2.837	2.818	1.826	1.904	1.347	2.270	1.152	1.523	-0.985	-1.969	232785	NA	NR_027963_6_+1
Gm10416	-2.205	-2.895	-2.013	-3.579	-1.666	-3.070	-2.246	-4.016	-2.178	-2.555	667213	NA	NR_027964_5_-1
Zbtb11os1	3.308	3.073	2.617	2.311	2.315	2.504	2.525	2.397	3.086	2.598	66391	NA	NR_027965_16_-1
4930429B21Rik	-1.365	0.048	-2.666	-3.280	-4.550	-3.690	-1.963	-2.075	-4.981	-2.572	67576	NA	NR_027966_3_+1
Zfp85os	0.187	-0.746	-0.576	-2.188	-1.449	-2.988	-2.073	-2.347	-1.104	-1.317	68271	NA	NR_027969_13_+1
Atad3aos	-0.379	-1.814	-2.038	-2.516	-2.754	-2.991	-1.955	-2.841	-3.904	-3.209	70448	NA	NR_027971_4_+1
Atad3aos	1.628	-2.587	-0.981	-3.372	-1.872	-3.527	-1.366	-4.744	-1.789	-3.149	70448	NA	NR_027972_4_+1
5730522E02Rik	-2.739	-4.981	-0.971	-2.288	-4.361	-4.793	-4.248	-4.429	-2.659	-4.981	70626	NA	NR_027973_11_-1
3110070M22Rik	0.607	1.187	-0.177	0.540	-0.577	0.194	-0.573	-0.064	-0.500	-0.228	67304	NA	NR_027974_13_-1
Gm5607	-3.525	-4.981	-3.973	-3.841	-3.546	-4.523	-3.601	-4.170	-3.154	-3.592	434280	NA	NR_027975_8_+1
Wdr73	2.379	2.706	2.841	2.448	2.703	2.725	1.946	2.533	2.671	2.196	71968	WDR73	NR_027976_7_-1
4930465K10Rik	-1.571	-4.981	-4.946	-4.047	-4.692	-4.779	-3.659	-4.801	-2.834	-4.981	67640	NA	NR_027978_18_+1
1700001L05Rik	-3.668	-0.904	-0.327	-0.290	-0.944	-0.922	-1.042	-0.657	0.882	0.686	69291	NA	NR_027980_15_-1
2810025M15Rik	4.967	5.062	4.936	5.355	5.458	5.464	5.190	5.195	1.781	4.571	69953	NA	NR_027984_1_+1
4632415L05Rik	2.406	3.137	2.485	2.812	2.722	3.082	3.013	2.820	2.840	2.873	70808	NA	NR_027985_3_+1
C030016D13Rik	-0.907	-4.981	-0.825	-1.058	-1.882	-1.710	-1.647	-0.779	-2.905	-1.497	107372	NA	NR_027987_19_+1
Enoph1	1.903	2.677	2.181	1.645	3.078	2.427	2.003	1.966	2.788	2.244	67870	ENOPH1	NR_027990_5_+1

Gm3414	2.283	2.472	3.161	2.950	2.428	2.328	2.256	2.344	2.318	2.907	100041576	NA	NR_027993_5_-1
Ppifos	0.625	-0.301	-2.102	-2.283	-1.155	-2.373	-2.611	-1.406	0.184	-0.181	68173	NA	NR_028021_14_-1
Gm10012	-0.001	0.372	1.094	0.429	-0.339	-1.236	0.422	-0.761	-0.397	-0.167	100043160	NA	NR_028042_17_-1
Ngrn	3.062	2.969	2.676	1.928	2.888	1.798	2.398	2.053	2.929	2.058	83485	NGRN	NR_028053_7_+1
Rit1	2.724	2.484	2.331	2.590	1.738	2.412	2.738	2.551	2.591	3.167	19769	RIT1	NR_028056_3_+1
Gm8615	-1.395	4.804	-2.812	6.120	-2.113	6.177	-2.811	5.816	-1.352	7.022	667410	NA	NR_028061_5_-1
Snora21	-3.668	-2.895	-3.696	-4.376	-4.075	-4.784	-4.392	-4.939	-4.981	-4.316	100302498	NA	NR_028078_11_-1
Snora3	-3.668	-3.315	-3.124	-4.149	-4.160	-4.440	-4.423	-3.475	-3.531	-4.227	100302499	NA	NR_028079_7_+1
Pradc1	3.729	3.970	2.824	3.049	2.764	2.664	3.013	2.200	2.659	2.533	73327	PRADC1	NR_028081_6_-1
Smim1012a	2.272	2.445	0.210	0.001	-0.746	-0.666	-1.983	-1.329	-2.434	-2.093	320237	NA	NR_028086_X_+1
Cox18	2.107	2.152	2.183	1.157	2.400	1.646	1.564	0.869	1.129	0.224	231430	COX18	NR_028088_5_-1
Rabggtb	2.816	2.249	2.449	2.440	2.601	2.541	2.323	2.199	1.676	2.060	19352	RABGGTB	NR_028094_3_-1
Rabggtb	-4.458	-2.901	-3.539	-2.424	-4.678	-4.941	-4.273	-3.894	-4.387	-4.703	19352	RABGGTB	NR_028095_3_-1
Rabggtb	2.009	1.811	0.518	1.019	1.125	1.058	0.448	1.489	1.104	0.401	19352	RABGGTB	NR_028096_3_-1
Rabggtb	1.101	0.319	-1.062	-3.380	-0.720	-1.996	0.385	0.134	-0.456	0.225	19352	RABGGTB	NR_028097_3_-1
Rabggtb	-1.235	-0.081	-1.368	1.236	0.191	-0.176	-1.743	-0.204	-1.004	-0.309	19352	RABGGTB	NR_028098_3_-1
Gm12191	8.721	7.342	8.820	7.627	8.577	7.362	8.835	7.350	7.305	6.167	666899	NA	NR_028101_15_-1
Myeov2	1.638	0.799	1.504	1.276	1.674	1.000	1.374	0.736	0.810	0.682	66915	COPS9	NR_028108_1_-1
Fam172a	2.110	-4.549	-0.193	-4.675	1.372	-4.903	0.467	-3.913	0.557	-4.837	68675	FAM172A	NR_028109_13_+1
Ppp2r3d	-0.336	-0.053	-0.862	-1.040	-1.169	-1.740	-0.832	-0.953	-0.669	-0.394	19054	NA	NR_028110_9_-1
4930523C07Rik	1.060	-0.084	1.320	0.725	2.109	1.931	1.549	1.089	0.640	1.312	67647	KIAA0040	NR_028111_1_+1
0610039K10Rik	-0.659	-0.301	-1.067	-1.816	-1.702	-1.851	-1.458	-1.654	-1.068	-0.583	68386	NA	NR_028113_2_+1
Pex16	4.447	3.903	2.961	2.692	4.762	4.728	4.043	3.449	2.841	1.977	18633	PEX16	NR_028114_2_+1
Lilra6	0.319	1.506	0.098	-1.041	2.812	2.121	1.615	2.382	4.106	4.901	18726	LILRB3	NR_028115_7_-1
Mgarp	-1.627	-4.981	-4.876	-4.923	-4.973	-4.980	-4.980	-4.981	-4.981	-4.981	67749	MGARP	NR_028121_3_-1
231001K24Rik	-4.981	-2.160	-4.981	-4.981	-4.919	-4.924	-4.981	-4.981	-4.981	-4.981	69517	NA	NR_028122_2_+1
1600029I14Rik	-2.273	-1.814	4.564	5.176	1.210	3.635	1.359	1.754	-4.981	-3.386	69797	NA	NR_028123_9_+1
2310068J16Rik	-0.260	-0.308	-0.232	-0.829	-0.849	-1.003	-0.513	-1.788	-1.281	-1.451	70281	NA	NR_028124_15_-1
0610038B21Rik	-2.107	-4.981	-4.988	-3.498	-4.861	-4.969	-2.754	-4.707	-2.226	-3.459	70345	NA	NR_028125_8_+1
6330407A03Rik	3.704	3.399	2.696	2.854	3.034	3.223	2.981	2.639	2.502	2.971	70720	NA	NR_028126_4_+1
Pnpla2	0.111	-0.581	-0.856	0.331	-0.047	-2.632	-2.250	-0.532	1.064	1.027	66853	PNPLA2	NR_028142_7_+1
Lrrc28	3.454	3.446	3.534	2.133	3.001	2.715	2.322	1.827	2.474	1.168	67867	LRRC28	NR_028143_7_-1
Lrrc28	-1.462	-0.474	0.270	-0.565	-2.496	-0.799	-1.623	-3.795	-1.070	-0.810	67867	LRRC28	NR_028144_7_-1
Stoml1	5.291	5.387	3.309	4.047	2.863	3.664	2.467	3.349	3.054	2.558	69106	STOML1	NR_028146_9_+1
Sapcd1	0.287	0.993	-4.796	-3.414	-4.378	-3.262	-3.082	-2.432	-4.888	-4.981	78376	SAPCD1	NR_028258_17_-1
Afg3l1	0.604	2.261	2.743	1.692	2.611	2.082	0.838	1.026	1.781	0.714	114896	NA	NR_028260_8_+1
Rian	-4.981	-4.981	-4.964	-4.605	-4.513	-4.554	-4.965	-4.948	-4.981	-4.981	75745	NA	NR_028261_12_+1
B130006D01Rik	0.856	1.078	1.106	0.630	0.650	0.558	0.683	0.041	0.075	0.043	320616	NA	NR_028263_11_+1
Dleu2	2.462	2.742	3.097	3.180	2.908	2.854	3.885	3.950	4.411	5.043	668253	NA	NR_028264_14_-1
BC037032	0.606	0.034	1.529	0.443	-1.729	-2.113	0.127	0.036	1.289	0.415	414066	NA	NR_028266_15_-1
Fcho1	4.249	3.967	3.776	3.602	3.919	3.235	3.450	3.066	2.951	2.769	74015	FCHO1	NR_028267_8_-1
Orc6	-4.981	-0.315	-2.556	-2.918	-0.513	-3.057	-1.152	-2.924	-2.677	-2.380	56452	ORC6	NR_028268_8_+1
Phxr4	3.408	3.397	1.340	1.934	-1.252	0.126	0.978	0.854	-0.397	-0.848	18689	NA	NR_028271_9_+1
Gm8801	1.950	2.993	2.104	2.471	2.390	2.446	2.130	2.070	2.535	2.483	667766	NA	NR_028278_17_+1
Pram1	-0.099	-1.313	-2.880	-3.399	1.064	1.798	-0.119	1.177	2.191	0.424	378460	PRAM1	NR_028279_17_+1
Prr18	-4.981	-4.075	-4.675	-4.949	-4.966	-4.956	-4.969	-4.939	-4.845	-4.658	320111	PRR18	NR_028280_17_+1
2210417A02Rik	-1.068	-0.838	-3.212	-2.693	-0.796	-1.959	-0.202	-0.284	0.092	-0.371	70138	NA	NR_028285_5_+1
Fance	2.765	2.014	1.013	1.075	1.455	1.486	1.063	0.193	1.918	1.621	72775	FANCE	NR_028296_17_+1
Fance	0.522	1.585	0.835	1.018	1.029	1.526	1.416	0.781	1.347	1.099	72775	FANCE	NR_028297_17_+1
2610306M01Rik	3.458	3.977	2.092	2.451	2.037	2.559	2.018	2.093	1.472	1.633	67170	NA	NR_028298_6_-1
1700084E18Rik	0.153	-1.242	-1.504	-1.525	-1.500	-1.258	-1.436	-0.886	-2.333	-1.989	67350	NA	NR_028299_2_-1
Dubr	2.566	2.111	2.600	2.303	1.771	0.997	2.091	1.799	1.658	1.559	68190	NA	NR_028300_16_-1
Tmem181c-ps	1.281	0.590	1.056	0.298	0.677	0.180	0.772	0.655	1.375	1.339	100040525	NA	NR_028305_17_-1
Yaf2	3.401	3.156	2.171	2.805	2.771	3.039	2.505	2.660	2.839	2.362	67057	NA	NR_028315_15_-1
Mdp1	4.978	5.570	4.893	4.566	5.630	5.819	5.449	5.334	4.181	4.257	67881	MDP1	NR_028316_14_-1
AU015836	-0.761	-1.842	-3.137	-4.638	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	385493	NA	NR_028320_X_+1
Appbp2os	-0.746	-1.527	-1.751	-1.755	-1.645	-1.829	-1.351	-2.178	-1.577	-2.392	654810	NA	NR_028329_11_+1
Zfp672	2.194	1.499	0.666	-0.336	0.523	-0.883	0.423	-0.219	0.937	-0.067	319475	ZNF672	NR_028331_11_-1
Taf1b	2.715	4.549	1.018	3.566	1.502	3.638	1.949	3.442	2.115	3.028	21340	TAF1B	NR_028341_12_+1
Nt5c2	3.752	1.042	3.296	1.132	3.301	-0.018	2.241	-0.850	2.297	-0.592	76952	NT5C2	NR_028353_19_-1
Mvd	0.101	0.028	-1.138	-2.828	-1.569	-2.231	-1.790	-0.800	0.441	-0.808	192156	MVD	NR_028354_8_-1
Sra1	3.075	2.495	1.692	2.257	1.930	2.701	1.819	2.025	2.142	2.278	24068	SRA1	NR_028355_18_-1
583041710Rik	3.834	4.134	4.212	4.187	4.496	4.486	4.397	4.127	3.862	4.279	100302730	NA	NR_028359_3_+1
1700018L02Rik	1.195	0.977	0.197	0.300	-0.865	-1.336	-1.362	-1.567	0.059	0.033	67329	NA	NR_028360_19_+1
AA465934	-2.833	-0.792	-1.790	-2.581	-2.826	-3.015	-1.984	-3.046	-2.256	-3.305	613254	NA	NR_028363_11_+1
AI450353	0.418	1.395	-0.082	-0.329	-0.426	-0.583	-0.011	-1.155	-1.221	-1.894	103729	NA	NR_028364_11_+1
Nip7	2.261	2.416	2.750	3.015	2.253	1.822	2.394	1.588	1.816	1.017	66164	NIP7	NR_028367_8_+1
4930404I05Rik	-0.608	-0.347	0.860	0.205	0.523	0.065	-0.753	-1.426	-1.462	-1.292	67394	NA	NR_028368_16_+1
A930004D18Rik	-4.981	-4.981	-3.556	-3.969	-4.900	-4.975	-4.422	-4.048	-4.981	-4.462	77940	NA	NR_028376_2_-1
Gm17762	-2.388	-1.670	-0.254	-0.157	-2.765	-1.284	-1.633	-2.130	-4.981	-3.794	100034739	NA	NR_028378_2_+1
Ftx	6.361	6.208	2.424	1.996	2.816	2.527	2.568	2.198	2.311	2.003	78878	NA	NR_028380_X_-1
Ftx	4.147	4.137	0.348	-0.761	0.704	0.375	0.702	0.263	-0.059	-0.123	78878	NA	NR_028381_X_-1
B230319C09Rik	-4.981	-4.981	-2.441	-4.291	-4.590	-4.949	-3.736	-3.775	-4.981	-3.758	320775	NA	NR_028382_6_+1
4930528A17Rik	-1.318	-0.657	-0.745	-0.169	-0.801	-1.051	-1.426	-1.549	-1.073	-1.376	67735	NA	NR_028384_4_-1

Gm10190	0.597	-0.308	-0.843	-1.905	-1.661	-1.824	-1.429	-2.067	-3.352	-2.804	791338	NA	NR_028385_17_-_1
Tsr2	1.631	2.209	1.025	0.249	1.586	0.889	0.954	0.776	0.460	-1.138	69499	TSR2	NR_028392_X_-_1
Taf1d	4.464	4.795	4.458	4.160	4.434	4.272	4.464	4.093	3.032	3.209	75316	TAF1D	NR_028401_9_+_1
Ufd1l	4.069	4.608	3.594	3.148	3.533	3.946	3.202	3.318	3.153	2.961	22230	UFD1L	NR_028403_16_+_1
Marcks1-ps4	-4.981	-4.981	-4.960	-4.310	-4.999	-4.928	-4.944	-4.963	-4.981	-4.981	111002	NA	NR_028405_13_+_1
D630041G03Rik	-2.739	-4.981	-1.689	-4.968	-2.799	-4.597	-1.908	-4.200	-4.981	-4.981	320749	NA	NR_028416_7_-_1
Gm7854	-2.164	-2.349	-0.808	-2.290	-2.716	-3.527	-2.108	-2.794	-0.269	-2.771	665934	NA	NR_028417_5_-_1
Tmem179b	4.412	3.906	4.119	3.640	3.624	3.459	3.560	3.135	3.263	2.505	67706	TMEM179B	NR_028418_19_-_1
Tmem179b	4.209	4.173	3.576	3.648	3.484	3.439	3.472	3.406	3.394	3.210	67706	TMEM179B	NR_028419_19_-_1
Zfp809	0.944	2.235	2.130	1.823	1.778	2.004	1.775	1.970	0.692	1.730	235047	NA	NR_028420_9_+_1
D43002J02Rik	0.029	0.750	1.451	1.662	1.824	1.715	1.365	0.427	0.326	-1.140	319545	NA	NR_028421_12_-_1
Gm2176	1.118	0.764	-4.323	-3.930	-3.456	-2.910	-2.739	-4.779	-4.981	-4.981	100039348	NA	NR_028424_18_-_1
Gm5129	2.076	2.343	1.479	1.250	1.420	2.340	1.719	1.049	0.122	0.360	332993	NA	NR_028426_5_-_1
Mirt1	3.986	1.743	1.984	0.513	3.951	1.256	3.231	1.169	2.515	-0.358	381232	NA	NR_028427_19_-_1
2610005L07Rik	4.596	5.139	5.455	5.158	5.767	5.666	5.115	5.053	4.945	4.777	381598	NA	NR_028428_8_-_1
Thap6	2.800	3.008	2.814	2.812	2.899	2.760	3.111	2.787	3.139	3.165	381650	NA	NR_028429_5_+_1
BC052688	-3.668	-4.981	-4.471	-3.998	-3.501	-3.916	-3.772	-4.048	-2.709	-2.752	432812	NA	NR_028430_13_+_1
933002H09Rik	2.870	2.529	2.016	1.706	2.444	2.741	1.744	1.694	1.306	0.922	100048895	NA	NR_028442_15_+_1
F930015N05Rik	-1.314	-1.222	-4.931	-4.616	-4.981	-4.981	-4.954	-4.926	-4.981	-4.981	654805	NA	NR_028445_11_-_1
Hdac10	-1.466	2.765	-1.706	0.083	-1.104	2.223	-2.957	1.668	-4.295	1.013	170787	HDAC10	NR_028447_15_-_1
Hdac10	1.171	4.478	0.949	1.574	1.703	3.979	0.258	2.760	0.047	2.276	170787	HDAC10	NR_028448_15_-_1
Hdac10	3.754	-1.412	2.274	0.465	4.060	1.757	3.154	0.846	3.165	1.412	170787	HDAC10	NR_028449_15_-_1
Snora75	-4.981	-3.267	-4.593	-4.161	-4.721	-4.240	-3.665	-4.597	-4.981	-4.316	100303740	NA	NR_028478_1_-_1
Gm12238	-4.981	-4.981	-3.378	-4.294	-4.067	-4.843	-3.768	-4.875	-4.981	-4.981	100303747	NA	NR_028480_11_+_1
Snora31	-2.494	-4.981	-2.695	-3.137	-2.584	-4.282	-3.005	-4.414	-2.075	-3.181	100303751	NA	NR_028481_14_+_1
1700001O22Rik	-4.689	-2.600	-4.769	-4.361	-4.784	-4.972	-4.304	-4.965	-4.981	-4.981	73598	C9orf50	NR_028486_2_-_1
1700001O22Rik	-3.982	-4.981	-4.776	-4.463	-3.316	-4.698	-4.508	-4.949	-4.981	-4.981	73598	C9orf50	NR_028487_2_-_1
Gm13315	-4.981	-0.765	-1.390	-1.640	-4.784	-4.927	-4.855	-4.977	-4.981	-3.749	625342	NA	NR_028542_2_+_1
Fxyd2	-4.981	-4.981	-4.977	-4.977	-3.368	-4.927	-4.705	-4.973	-4.981	-4.981	11936	NA	NR_028499_9_+_1
Snora78	-1.922	-1.351	-2.150	-2.591	-1.882	-2.302	-1.935	-2.268	-1.488	-1.911	100306952	NA	NR_028515_17_-_1
Gm10451	-0.609	0.016	-0.257	-2.288	-0.624	-2.309	-1.262	-2.771	-0.990	-1.783	100041694	NA	NR_028520_12_+_1
Snord8	-3.563	-4.981	-4.981	-4.981	-4.132	-4.751	-4.675	-4.834	-4.981	-4.981	100217445	NA	NR_028574_3_-_1
Snora7a	-3.563	-3.267	-4.485	-4.049	-4.107	-4.838	-4.984	-4.717	-4.394	-3.449	100217451	NA	NR_028546_6_-_1
Snord16a	-3.668	-4.981	-4.052	-4.893	-4.679	-4.789	-4.860	-4.640	-4.981	-4.981	100217453	NA	NR_028548_9_+_1
Snord89	-4.981	-4.981	-4.487	-4.690	-4.059	-4.528	-4.299	-4.843	-4.190	-4.981	100217461	NA	NR_028555_1_-_1
Snora41	-4.981	-3.315	-1.876	-4.165	-4.197	-4.132	-3.481	-4.149	-4.981	-3.882	100217464	NA	NR_028558_1_+_1
Snord96a	-4.981	-4.981	-4.607	-4.857	-4.824	-4.778	-4.521	-4.694	-3.351	-4.981	100216534	NA	NR_028563_11_+_1
Snord1b	-4.981	-4.981	-4.981	-4.981	-4.822	-4.856	-4.981	-4.981	-4.981	-4.981	100216531	NA	NR_028567_11_+_1
Snhg8	4.467	4.769	3.629	3.390	4.062	4.059	3.965	3.795	2.772	2.465	69895	NA	NR_028577_12_+_1
Scarna13	-4.981	-1.272	-4.367	-4.651	-3.799	-3.848	-4.270	-4.103	-4.981	-3.816	100306943	NA	NR_028576_12_-_1
D030025P21Rik	-4.981	-1.814	1.534	1.553	-4.586	-4.934	-4.736	-4.974	-4.981	-4.981	100303738	NA	NR_028577_12_+_1
Gm10584	0.655	0.239	0.822	1.092	0.120	0.254	0.054	-0.931	-2.474	-2.923	100043682	NA	NR_028578_7_+_1
Gm10825	0.800	-2.160	1.511	-0.229	2.044	-3.835	1.555	-3.402	2.061	-1.340	100038752	NA	NR_028580_10_+_1
Arfrp1	2.889	3.023	2.810	2.222	2.673	2.459	2.501	2.760	2.033	2.589	76688	ARFRP1	NR_028585_2_-_1
Gm14005	-2.801	-1.829	1.412	2.621	-0.450	0.751	0.026	0.776	1.699	2.699	100043424	NA	NR_028589_2_-_1
Gm14005	-4.981	-4.981	1.058	0.901	-1.618	-2.206	-0.826	-1.943	0.885	0.524	100043424	NA	NR_028590_2_-_1
Gm14005	-0.175	-1.089	4.193	3.697	2.040	1.814	2.771	2.376	4.200	3.676	100043424	NA	NR_028591_2_-_1
Gm10069	-2.240	-4.981	-2.677	-4.062	-2.841	-2.807	-2.889	-3.973	-3.235	-2.887	791299	NA	NR_028592_6_+_1
Gm10069	-1.084	-0.179	-3.658	-3.826	-3.169	-3.168	-3.728	-3.710	-4.981	-3.379	791299	NA	NR_028593_6_+_1
Mir17hg	0.618	0.880	1.112	1.230	0.779	0.942	0.895	1.466	1.121	1.390	75957	NA	NR_028592_14_+_1
Snora16a	-4.981	-2.681	-4.977	-3.983	-4.593	-4.654	-3.387	-4.680	-4.981	-4.981	100310813	NA	NR_029412_4_+_1
Tmem161b	0.867	1.299	1.355	0.041	-0.279	-0.101	0.743	-0.410	0.770	1.154	72745	TMEM161B	NR_029418_13_+_1
Tmem161b	0.219	1.797	3.149	2.423	2.107	1.938	0.806	1.617	0.660	1.966	72745	TMEM161B	NR_029419_13_+_1
Cfap53	-4.981	-4.981	-4.818	-3.506	-4.971	-4.915	-3.837	-4.909	-4.981	-4.951	74453	CFAP53	NR_029424_18_+_1
Rbmx	4.001	4.429	4.141	3.768	3.900	4.193	3.809	4.076	3.448	3.586	19655	RBMX	NR_029425_X_-_1
Stmn1-rs1	-2.274	-2.511	-4.821	-4.973	-4.774	-4.659	-4.338	-4.957	-4.981	-4.981	111186	NA	NR_029430_9_-_1
1500015A07Rik	4.140	3.433	2.342	2.149	2.176	2.158	2.128	2.125	1.926	1.679	68982	NA	NR_029432_18_+_1
1700028J19Rik	3.090	3.663	0.172	-0.485	-1.039	-0.583	-0.668	-0.222	0.353	0.096	70004	NA	NR_029436_7_-_1
493340618Rik	-4.981	-4.981	-2.436	-4.515	-4.907	-4.954	-4.251	-3.977	-2.957	-4.316	71045	NA	NR_029437_7_-_1
493340618Rik	-4.981	-4.981	-3.741	-4.529	-4.981	-4.981	-4.542	-3.728	-4.981	-4.975	71045	NA	NR_029438_7_-_1
2010320M18Rik	4.101	4.171	2.784	2.800	2.103	2.247	2.741	2.311	1.954	2.106	72093	NA	NR_029440_8_+_1
2810454H06Rik	2.002	2.048	1.145	0.592	1.336	1.436	2.037	1.262	1.298	0.867	72813	NA	NR_029441_6_+_1
4933407K13Rik	2.076	2.034	1.203	1.547	2.008	1.649	1.258	1.422	1.926	1.866	74396	NA	NR_029443_X_-_1
4930579K19Rik	2.181	1.694	-0.247	-1.309	-0.508	-0.572	-1.072	-0.409	-2.957	-1.455	75881	NA	NR_029444_9_-_1
6230400D17Rik	-1.165	-0.918	-2.595	-1.942	-1.193	-2.896	-0.842	-1.444	-1.041	-1.755	76133	NA	NR_029446_14_-_1
E130317F20Rik	2.379	1.817	1.609	1.211	1.207	1.362	1.131	0.325	-0.429	-1.141	414101	NA	NR_029447_10_-_1
C530005A16Rik	0.592	-0.225	-2.315	-2.001	-1.543	-1.025	-1.589	-2.015	-1.950	-1.236	654318	NA	NR_029450_4_-_1
4932416H05Rik	0.804	1.002	0.128	0.044	-0.196	-0.053	-0.104	0.045	1.516	1.518	654409	NA	NR_029452_2_-_1
Mccc1os	-2.378	0.026	-1.774	-1.276	-1.616	-1.374	-1.310	-1.788	-2.274	-0.700	654424	NA	NR_029456_3_+_1
G530011O06Rik	3.571	1.112	0.897	-0.516	1.332	0.886	0.660	-0.767	0.284	-1.071	654820	NA	NR_029457_X_-_1
A530088E08Rik	2.242	0.637	0.230	-1.181	2.339	0.268	2.022	-0.935	1.632	-0.304	664702	NA	NR_029458_17_+_1
Sec14l1	0.437	0.379	1.149	1.271	0.175	-1.008	0.950	0.748	1.689	1.386	74136	SEC14L1	NR_029459_11_+_1
6530402F18Rik	1.590	1.416	2.773	3.037	3.057	2.712	3.321	3.353	4.490	5.072	76220	NA	NR_029460_2_-_1
9430083A17Rik	3.810	3.252	-4.055	-1.570	-2.184	-2.419	-1.769	-2.221	-1.721	-1.417	77428	NA	NR_029463_13_-_1

503340609Rik	3.650	2.826	2.725	2.898	-0.315	-0.876	0.082	0.688	-0.781	-0.591	77675	NA	NR_029464_12_-_1
Snhg12	2.734	2.201	2.850	2.485	2.238	2.064	2.974	2.659	1.499	1.566	100039864	NA	NR_029468_4_+_1
Gm10863	-2.739	-2.275	-3.842	-2.900	-3.353	-4.025	-3.424	-3.070	-2.834	-1.707	100041655	NA	NR_029470_15_+_1
Rps15a-ps6	2.104	2.089	3.257	2.853	3.040	2.359	2.913	2.274	1.683	1.707	100042173	NA	NR_029471_11_-_1
Ppp1r3fos	-1.665	-2.349	-2.487	-3.024	-2.196	-1.322	-1.559	-1.457	-2.223	-2.367	78185	NA	NR_029473_X_+_1
B430319G15Rik	2.970	2.939	-4.254	-4.221	-4.450	-4.906	-4.981	-4.708	-4.981	-4.981	78575	NA	NR_029474_9_-_1
4930581F22Rik	3.407	3.168	1.430	1.386	2.764	2.845	2.369	1.898	1.826	1.660	78934	NA	NR_029475_9_+_1
Mir142	-3.563	-4.794	-4.975	-4.975	-4.981	-4.981	-4.951	-4.931	-4.394	-4.965	387160	NA	NR_029555_11_+_1
Mir682	-4.981	-4.981	-3.723	-4.709	-4.965	-4.965	-3.366	-4.904	-3.593	-4.981	751556	NA	NR_030451_13_+_1
Mir703	0.411	0.611	1.543	1.189	0.649	0.164	1.135	-0.016	0.202	0.776	735265	NA	NR_030484_5_-_1
Mir568	-4.981	-3.315	-4.835	-4.876	-4.982	-4.982	-4.883	-4.978	-4.981	-3.855	100124467	NA	NR_030576_16_+_1
1700034H15Rik	-4.981	-4.981	-2.287	-1.961	-3.108	-2.243	-1.183	-1.294	-0.959	0.194	98736	NA	NR_030669_1_-_1
Gm15760	1.194	1.160	0.371	-0.722	0.006	0.424	0.413	-0.648	0.003	-0.094	100042948	NA	NR_030670_16_-_1
AW011738	-0.289	-1.178	3.007	2.485	4.481	3.899	3.878	3.014	3.369	2.877	100382	NA	NR_030671_4_+_1
D930016D06Rik	2.211	2.536	1.731	1.247	1.741	1.828	1.949	1.516	1.167	1.424	100662	NA	NR_030673_5_+_1
Gm4532	-0.653	0.126	-0.391	-1.430	-0.839	-0.900	-0.748	-1.180	-2.036	-2.131	100043580	NA	NR_030674_7_-_1
D730005E14Rik	4.278	0.131	3.696	-0.415	3.685	-0.809	3.994	-0.784	1.890	-0.480	109361	NA	NR_030675_15_-_1
Phtf1os	0.924	0.877	0.547	1.142	0.699	0.515	0.886	0.253	0.204	0.510	100125931	NA	NR_030676_3_-_1
BC025920	2.538	2.502	-0.175	-0.158	0.638	0.242	0.400	0.525	-0.421	-0.441	268319	NA	NR_030677_10_+_1
Gm4598	-0.163	0.106	-3.509	-3.521	-2.968	-2.564	-3.067	-3.700	-1.749	-3.165	100043706	NA	NR_030681_7_+_1
2810410L24Rik	-4.981	-4.981	-4.936	-4.936	-4.400	-4.986	-4.707	-3.880	-3.738	-4.981	100042332	NA	NR_030682_11_-_1
Gm14207	6.395	1.259	-1.138	-4.976	-1.227	-3.902	-3.710	-4.807	-4.981	-4.981	100043609	NA	NR_030683_2_-_1
Gm6402	0.516	-0.246	0.741	-0.748	1.419	-0.798	0.784	-1.981	-0.213	-1.455	623169	NA	NR_030688_17_-_1
4930539J05Rik	-2.948	-2.291	-2.689	-2.612	-2.393	-4.157	-1.889	-3.502	-0.944	-2.034	319587	NA	NR_030689_3_-_1
E330033B04Rik	0.834	0.931	2.295	2.451	1.711	1.484	1.803	1.559	1.241	1.794	319722	NA	NR_030690_15_-_1
A930011G23Rik	-4.981	-4.981	-3.655	-3.258	-3.006	-1.779	-1.875	-1.957	-4.981	-4.981	319818	NA	NR_030692_5_-_1
4930412C18Rik	-4.981	-4.981	-3.737	-3.567	-4.980	-4.913	-3.509	-4.972	-2.230	-2.969	320152	NA	NR_030693_4_+_1
1110002L01Rik	1.660	1.794	1.837	1.654	0.967	1.313	0.680	1.317	0.694	1.020	100043040	NA	NR_030694_12_-_1
B330016D10Rik	3.307	2.642	2.461	1.851	1.940	2.108	1.907	1.653	2.217	1.968	320456	NA	NR_030695_4_+_1
9930014A18Rik	-2.739	-1.419	-4.729	-1.539	-0.179	-0.001	-0.809	-1.315	0.655	-0.511	320469	NA	NR_030696_15_+_1
A630066F11Rik	3.769	2.169	1.908	0.649	1.979	1.009	1.678	0.642	2.179	0.102	320642	NA	NR_030698_10_+_1
A630072M18Rik	3.735	2.930	3.530	3.519	1.602	1.861	1.751	1.963	1.719	1.276	320770	NA	NR_030699_5_+_1
4831440E17Rik	0.073	0.528	-0.141	-0.189	0.834	1.221	0.474	0.017	0.794	0.241	320965	NA	NR_030700_5_+_1
Snord104	-4.981	-4.981	-2.564	-3.251	-4.033	-4.069	-3.309	-3.726	-3.322	-4.227	100216537	NA	NR_030703_11_+_1
Snord55	-3.189	-4.981	-4.984	-4.144	-3.994	-4.858	-4.979	-4.975	-4.981	-4.981	100216533	NA	NR_030704_4_-_1
6820431F20Rik	5.796	5.788	6.480	5.799	6.797	6.486	6.412	6.107	6.423	6.643	547150	NA	NR_030708_8_-_1
Gm16386	0.413	0.019	0.279	0.233	-0.329	-0.161	-1.273	-0.558	-2.292	-1.548	100042679	NA	NR_030709_17_-_1
Rtel1	-0.703	-0.404	-0.518	-0.852	-0.792	-0.769	-0.092	0.188	1.385	0.166	269400	RTEL1	NR_030710_2_+_1
Mir22hg	4.206	4.037	3.393	3.380	3.140	3.180	3.270	3.541	5.227	4.930	100042498	NA	NR_030711_11_+_1
3930402G23Rik	-1.598	-2.681	-3.572	-3.956	-1.774	-2.335	-3.304	-3.154	-4.981	-4.981	665306	NA	NR_030715_8_-_1
F630028O10Rik	2.351	2.900	5.729	5.149	3.571	4.164	4.348	4.840	4.900	5.606	100038363	NA	NR_030718_X_+_1
Gm8979	-1.891	1.676	-1.433	0.740	-1.817	1.273	-1.680	2.642	-0.065	3.921	668108	NA	NR_030719_7_-_1
Gm8989	-4.981	-0.595	-4.918	-3.799	-4.979	-4.977	-4.981	-4.981	-4.458	-4.981	668128	NA	NR_030720_7_-_1
Gm8989	-4.981	-1.682	-4.918	-3.799	-4.980	-4.978	-4.981	-4.981	-4.458	-4.981	668128	NA	NR_030720_dup1_7_-_2
Foxd2os	1.792	0.308	0.454	-0.610	0.992	-1.109	0.932	-0.237	1.494	0.766	100040736	NA	NR_030721_4_+_1
Phf21b	-2.362	-4.981	-2.023	-0.920	-2.069	0.255	-2.727	-2.619	-4.379	-1.666	271305	PHF21B	NR_030731_15_-_1
2410006H16Rik	6.952	6.668	6.553	5.774	6.277	5.855	6.849	6.300	6.048	5.590	69221	NA	NR_030738_11_+_1
Snord17	-1.188	-0.663	-2.030	-2.886	-2.007	-3.424	-2.914	-3.138	-3.823	-3.210	100313519	NA	NR_030762_2_-_1
Smok4a	-4.981	-4.981	-4.954	-4.772	-3.748	-4.458	-4.978	-4.498	-4.981	-4.981	272667	NA	NR_030763_17_+_1
2700097O09Rik	2.319	1.976	3.198	2.615	2.275	1.535	1.085	0.944	0.792	-0.459	72658	NA	NR_030764_12_-_1
Gm13034	-4.981	-4.981	-4.726	-4.769	-4.741	-4.824	-4.553	-4.697	-3.980	-4.024	627585	NA	NR_030771_4_+_1
3110021A11Rik	-4.981	-2.681	-2.100	-2.929	-4.970	-4.970	-3.192	-2.606	-4.981	-4.227	67289	NA	NR_030776_6_+_1
Zfp326	2.089	2.205	2.271	1.389	1.449	1.687	2.549	1.756	1.495	0.984	54367	ZNF326	NR_030777_5_+_1
Ankrd10	1.839	2.616	1.315	0.248	1.691	0.916	0.782	0.817	0.995	-0.195	102334	ANKRD10	NR_030781_8_-_1
Syce2	1.504	0.606	1.418	1.588	1.628	1.099	2.250	1.561	-0.384	-0.878	71846	SYCE2	NR_031759_8_+_1
Rmi1	3.443	3.470	2.578	3.739	3.511	3.287	2.799	2.837	2.854	3.300	74386	RMI1	NR_031761_13_+_1
Gm3020	-2.308	-4.981	-3.203	-4.943	-4.537	-1.586	-4.974	-4.736	-4.981	-4.981	100040880	NA	NR_033117_14_+_1
Gm3020	-2.308	-4.981	-3.203	-4.943	-4.627	-2.993	-4.974	-4.736	-4.981	-4.981	100040880	NA	NR_033117_dup1_14_+_2
Gm10409	-4.868	-3.063	-4.393	-4.831	-4.894	-0.189	-4.956	-3.687	-4.981	-4.981	100041530	NA	NR_033121_14_+_2
Gm10409	-4.868	-3.063	-4.393	-4.831	-4.919	-1.096	-4.956	-3.687	-4.981	-4.981	100041530	NA	NR_033121_dup1_14_+_1
4933409K07Rik	2.865	2.587	2.288	2.897	2.476	2.242	2.826	2.367	2.896	1.563	108816	NA	NR_033123_4_+_1
4933409K07Rik	3.448	3.155	3.475	2.258	2.479	2.590	1.952	2.268	2.749	3.256	108816	NA	NR_033123_dup1_4_-_1
Plscr3	0.701	-0.220	1.473	2.060	1.441	1.510	0.566	2.100	3.238	3.693	70310	PLSCR3	NR_033133_11_+_1
Atf5	-1.339	-4.022	-3.914	-3.091	-1.117	-2.737	-3.204	-2.248	-1.312	-2.576	107503	ATF5	NR_033136_7_-_1
Zfp57	-4.981	-4.981	-1.434	0.230	-2.026	-0.646	-4.749	-4.632	-4.981	-4.981	22715	ZFP57	NR_033137_17_+_1
Al427809	-1.689	-0.363	-3.171	-3.820	-4.908	-3.030	-3.065	-0.080	-4.981	-3.583	381524	NA	NR_033139_4_-_1
Al427809	-4.357	-4.440	-4.949	-4.909	-4.979	-4.975	-4.821	-4.863	-4.981	-4.869	381524	NA	NR_033140_4_-_1
Ctps2	1.008	-3.373	-1.297	-4.682	-2.764	-2.382	-4.015	-4.775	-3.859	-4.189	55936	CTPS2	NR_033143_X_+_1
4921524J17Rik	-0.596	0.769	-0.251	-0.856	-0.751	-0.685	-0.376	-0.693	-1.967	-1.328	66714	C16orf87	NR_033144_8_-_1
Dand5	3.695	3.424	1.523	1.512	2.588	2.457	2.329	2.017	1.967	2.662	23863	DAND5	NR_033145_8_-_1
Record_removed	2.808	5.608	3.536	4.512	3.720	4.496	3.089	4.464	2.241	2.695	Record_remove	NA	NR_033146_12_-_1
D830046C22Rik	-1.327	-0.710	-1.717	-1.570	-2.486	-3.111	-0.414	-0.031	0.605	0.266	320197	NA	NR_033147_5_+_1
Gm20605	3.648	3.218	4.609	4.606	5.830	5.582	5.558	5.513	6.278	6.279	100316903	NA	NR_033148_5_+_1
Snora28	-2.304	-3.408	-2.025	-2.183	-2.375	-2.886	-1.729	-3.507	-1.943	-1.584	100316932	NA	NR_033168_12_+_1

Krit1	2.855	2.550	2.384	1.440	2.373	2.344	1.442	1.945	2.310	2.008	79264	KRIT1	NR_033173_5_+1
Rcbtb2	2.672	4.291	3.157	4.199	1.173	2.138	1.864	3.701	2.918	4.152	105670	RCBTB2	NR_033185_14_+1
4933427E11Rik	-4.981	-1.736	-4.066	-2.668	-3.751	-3.657	-3.903	-4.277	-4.981	-2.733	66769	NA	NR_033197_15_+1
2700046G09Rik	2.986	2.256	-0.197	-1.670	-2.421	-3.880	-0.152	-1.901	-1.459	-2.601	67188	NA	NR_033198_19_+1
170001G17Rik	-0.527	0.660	-2.236	-2.172	-1.235	-1.777	-1.094	-0.772	-2.078	-0.830	67503	NA	NR_033199_1_+1
Tslp	-3.385	-2.883	0.068	1.841	-3.334	-2.990	-2.214	0.139	0.012	1.616	53603	TSLP	NR_033206_18_+1
201001618Rik	3.497	3.527	2.913	3.336	1.707	1.804	0.621	2.336	0.809	1.773	69206	NA	NR_033207_3_-1
Plppr3	0.234	-1.458	-4.576	-4.961	-3.775	-4.924	-4.696	-4.932	1.282	0.363	216152	PLPPR3	NR_033210_10_-1
B430212C06Rik	-0.269	-0.994	-0.949	-1.598	-1.292	-1.930	-0.939	-1.058	-0.506	-0.416	338360	NA	NR_033214_18_-1
3000002C10Rik	2.443	2.115	0.441	0.530	0.036	0.207	-0.845	-0.610	-2.154	-2.805	378954	NA	NR_033215_9_-1
Rreb1	-0.231	-0.354	0.453	-0.593	-0.393	0.028	-1.358	-0.742	1.416	1.703	68750	RREB1	NR_033218_13_+1
BC020402	-0.041	1.193	0.308	0.431	-0.073	-0.174	0.439	0.193	-0.598	-0.142	407824	NA	NR_033219_10_-1
BC039771	-2.759	-1.870	-2.787	-3.187	-0.008	-0.123	-2.217	-1.964	-3.226	-4.981	408057	NA	NR_033220_2_+1
BC031361	-0.657	-1.591	-1.899	-2.104	-1.833	-2.343	-3.459	-2.008	-1.581	-1.832	414072	NA	NR_033221_16_-1
9330151L19Rik	1.101	0.938	1.532	1.021	1.006	1.380	1.193	2.017	1.833	1.982	414085	NA	NR_033222_12_+1
Aanat	-4.553	-4.981	-4.981	-4.981	-4.981	-4.981	-4.975	-4.964	-4.981	-4.941	11298	AANAT	NR_033223_11_+1
D33005016Rik	3.093	2.068	1.492	0.190	1.210	1.113	1.533	0.990	0.718	-0.554	414115	NA	NR_033224_19_+1
Gm13375	0.917	1.046	0.221	-0.321	-1.770	-1.887	-1.920	-1.513	-1.722	-0.827	433408	NA	NR_033225_2_+1
E030024N20Rik	2.584	2.930	2.732	3.000	2.981	3.046	2.832	2.045	2.220	2.051	595139	NA	NR_033228_19_+1
Bmp1	-4.981	-4.762	-1.263	-2.084	0.392	0.280	-3.061	-3.062	-4.964	-4.972	12153	BMP1	NR_033241_14_-1
Prr33	0.463	1.241	2.268	1.634	2.065	1.708	1.387	0.916	2.164	1.699	677289	NA	NR_033242_7_-1
9530091C08Rik	-3.485	-3.151	-2.467	-3.145	-2.446	-3.345	-4.019	-3.964	-2.879	-3.746	320440	NA	NR_033299_9_+1
Slc22a13b-ps	-2.842	-4.981	-2.468	-2.252	-2.153	-4.005	-2.660	-3.529	-2.552	-3.205	109280	NA	NR_033303_9_-1
AA388235	-4.981	-2.681	-4.481	-4.668	-3.754	-4.363	-4.565	-4.620	-4.190	-3.346	433100	NA	NR_033305_17_+1
Ndufs6	3.541	2.698	2.944	1.668	2.149	1.503	3.131	1.711	2.843	0.823	407785	NDUFS6	NR_033306_13_-1
4930592I03Rik	-2.948	-4.981	-3.699	-4.044	-4.641	-3.558	-3.094	-4.998	-4.981	-3.853	75853	NA	NR_033307_18_-1
Arid5a	3.304	3.396	0.335	0.041	0.843	1.090	1.069	1.903	3.756	3.213	214855	ARID5A	NR_033310_1_+1
BC065397	1.410	-0.059	1.173	-0.255	0.027	-0.678	-0.222	-0.762	-1.560	-2.605	436230	NA	NR_033324_X_+1
Gm12216	2.043	1.979	1.807	1.332	1.104	1.161	0.356	-0.242	0.671	-1.031	622459	NA	NR_033332_11_-1
Snora23	-4.981	-4.981	-4.137	-4.736	-3.835	-4.874	-3.804	-4.711	-4.981	-3.435	100379145	NA	NR_033336_7_+1
B930059L03Rik	1.723	2.326	0.259	1.416	0.577	1.833	0.612	-0.038	0.461	0.135	319786	NA	NR_033340_12_+1
Gm3002	0.918	-0.720	-0.590	-3.237	-2.312	2.029	-3.889	-3.106	-4.981	-4.981	100040852	NA	NR_033388_14_+1
Gm9159	-0.273	0.335	-2.454	-3.516	-3.063	-1.909	-1.874	-3.390	-2.070	-1.765	668415	NA	NR_033398_X_+1
Tyms	0.028	-1.070	1.174	1.653	1.907	1.193	0.688	-0.289	-4.529	-2.147	22171	TYMS	NR_033402_5_-1
2900079G21Rik	-3.843	-2.124	-4.947	-4.163	-4.960	-4.554	-4.981	-4.981	-4.981	-4.981	620760	NA	NR_033431_9_+1
Orc4	1.919	3.188	2.151	1.672	2.051	2.115	1.798	1.885	1.811	2.130	26428	ORC4	NR_033442_2_-1
Slx1b	0.993	0.698	-1.481	0.499	0.551	0.589	-0.307	-0.412	-0.798	0.471	75764	SLX1A SLX1B	NR_033446_7_-1
Srpina3h	-2.175	-4.981	-3.557	0.379	-3.913	-0.611	-4.895	-0.912	-4.981	-1.898	546546	NA	NR_033450_12_+1
Klra13-ps	-4.981	-0.754	0.913	-1.722	-4.135	-3.785	-4.545	-3.946	-2.780	-4.981	16631	NA	NR_033451_6_-1
Gm4013	2.556	2.267	1.431	0.794	0.987	0.653	1.366	0.778	1.172	0.505	100042757	NA	NR_033452_18_-1
Gm6225	1.042	0.023	1.529	0.981	1.218	2.017	0.950	-0.617	0.535	0.327	633947	NA	NR_033457_18_+1
Zfp133-ps	-2.443	-0.791	-2.034	-3.402	-2.229	-1.167	-2.859	-3.972	-4.981	-1.767	668917	NA	NR_033459_2_+1
AU019990	-2.686	-1.733	-3.373	-4.363	-1.713	-2.831	-2.679	-3.302	-1.654	-2.618	767814	NA	NR_033468_2_+1
AU019990	-4.981	-4.981	-1.903	-1.896	-2.873	-1.673	-1.774	-3.545	-0.777	-1.426	767814	NA	NR_033469_2_+1
Gm10768	-3.090	-4.981	-3.314	-4.120	-3.585	-4.987	-2.490	-4.887	-2.331	-4.981	100038628	NA	NR_033472_19_+1
Platr8	-4.981	-4.981	-4.202	-4.917	-4.919	-4.972	-4.725	-4.592	-4.190	-4.342	100038454	NA	NR_033473_2_-1
Gm10789	-3.843	-2.600	-2.253	-2.247	-3.530	-2.594	-3.118	-4.304	-2.569	-4.342	100038709	NA	NR_033476_16_+1
Fmr1os	-4.981	-4.981	-4.981	-4.981	-3.367	-4.824	-4.983	-4.867	-4.981	-4.981	100038638	NA	NR_033481_X_-1
Gm10046	-4.981	-3.267	-4.976	-4.459	-4.173	-4.985	-4.796	-4.515	-4.981	-4.981	100043229	NA	NR_033484_7_+1
4931406H21Rik	-1.835	0.549	1.817	0.987	0.173	0.198	0.688	0.835	2.311	1.539	77592	NA	NR_033492_14_+1
Tnk2os	-4.981	-4.981	-4.785	-4.675	-4.875	-4.042	-4.961	-4.864	-4.981	-4.981	675921	NA	NR_033493_16_-1
Lrp8	1.866	0.334	-0.584	-3.907	-0.901	-1.347	-1.482	-2.461	-1.662	-0.158	16975	LRP8	NR_033496_4_+1
Al504432	4.132	4.467	1.411	1.743	2.161	0.988	2.793	2.820	1.955	2.291	229694	NA	NR_033498_3_+1
Gm8773	-4.981	-4.981	-1.651	-4.949	-1.422	-4.918	-0.665	-4.866	-4.981	-4.981	667705	NA	NR_033499_5_+1
E530011L22Rik	0.442	0.573	-1.168	-1.103	-0.728	-1.629	-0.745	-1.500	-0.935	-1.624	320301	NA	NR_033503_9_-1
Gm3893	-1.835	-1.961	-2.270	-1.753	-1.273	-4.198	-1.573	-3.444	-2.073	-2.993	100042539	NA	NR_033506_4_+1
Gm11110	2.689	3.010	1.076	1.340	0.768	0.943	0.850	1.048	-1.944	-2.108	100169874	NA	NR_033508_17_-1
Gm9961	-4.981	-3.408	-4.519	-4.956	-4.945	-3.140	-4.910	-4.909	-4.981	-4.981	791359	NA	NR_033509_16_+1
1500017E21Rik	-1.996	-2.239	-3.240	-4.027	-3.240	-3.662	-2.925	-3.400	-4.970	-4.981	668215	NA	NR_033510_19_-1
Gm10510	-1.476	-2.895	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	100038481	NA	NR_033511_17_-1
Gm6793	7.442	7.182	7.567	7.519	7.518	7.304	7.041	7.004	6.403	6.143	627828	NA	NR_033513_2_+1
2310015A10Rik	3.043	3.489	2.616	2.748	2.571	2.621	3.176	2.928	1.936	2.509	69548	NA	NR_033514_12_-1
2410017117Rik	-4.981	-4.981	-3.242	-4.042	-3.895	-4.471	-3.815	-4.868	-3.491	-4.342	675325	NA	NR_033517_17_+1
Tmem181b-ps	4.314	4.435	4.955	4.778	4.197	4.312	3.826	3.978	4.267	4.370	547127	NA	NR_033520_17_-1
1600029015Rik	-3.525	-4.981	-3.927	-4.646	-3.708	-4.541	-4.667	-4.969	-3.437	-4.165	665268	NA	NR_033522_9_+1
Gm11517	-4.981	-3.222	-2.754	-3.639	-2.656	-3.109	-3.844	-4.039	-1.323	-1.821	629750	NA	NR_033523_11_-1
Wiz	1.750	1.600	1.951	2.019	2.281	1.729	1.529	1.584	2.794	2.765	22404	WIZ	NR_033525_17_-1
Gm16523	0.991	0.839	0.679	0.946	0.436	0.427	0.244	-0.057	-0.248	-2.015	100042584	NA	NR_033526_2_-1
Ccl25	0.277	-0.965	-1.584	-1.987	-0.259	-1.034	-1.477	-1.357	-0.983	-1.394	20300	CCL25	NR_033527_8_+1
Gm7444	-4.981	-4.981	-4.385	-2.448	-4.476	-3.377	-4.664	-4.074	-4.981	-2.846	665005	NA	NR_033529_9_+1
Mrpl15	0.513	0.559	-0.580	-1.239	-0.737	-2.679	-0.663	-1.529	0.552	-0.462	27395	MRPL15	NR_033530_1_-1
B230206H07Rik	-4.981	-4.981	-4.848	-4.848	-4.648	-4.969	-4.772	-4.975	-4.981	-4.981	320871	NA	NR_033532_7_-1
Gm10845	1.490	2.030	1.669	2.314	1.487	2.333	1.090	1.902	1.044	1.226	100038734	NA	NR_033535_14_-1
Gm10516	-0.341	-1.569	-3.211	-4.332	-2.774	-4.591	-3.290	-4.069	-0.972	-3.855	100038712	NA	NR_033536_1_+1

F630042J09Rik	-4.981	0.024	-4.927	-3.809	-4.821	-1.676	-4.968	-2.532	-4.981	-2.461	100038627	NA	NR_033540_13_+_1
Gm10389	-4.981	-3.195	-3.865	-3.960	-3.525	-4.373	-3.105	-3.097	-2.692	-2.597	100038608	NA	NR_033541_15_+_1
Gm10636	-4.981	-4.981	-4.981	-4.981	-4.113	-4.919	-4.356	-4.958	-4.981	-3.853	100038607	NA	NR_033542_3_+_1
Gm16287	-0.860	-3.267	-0.928	-1.707	-0.638	-1.724	0.217	-0.642	1.252	0.729	100038595	NA	NR_033543_4_+_1
Gm10790	4.987	5.082	-1.313	-1.110	-3.425	-2.788	-3.300	-1.430	-3.750	-2.102	100038577	NA	NR_033545_13_+_1
Gm10684	-1.263	-2.028	-2.643	-2.453	-3.210	-2.983	-2.732	-3.520	-3.550	-2.394	100038468	NA	NR_033547_9_+_1
D030047H15Rik	-1.153	-0.748	-3.201	-4.444	-1.737	-2.892	-2.725	-2.686	-2.523	-4.342	100037396	NA	NR_033548_7_+_1
Gm10248	-4.981	-4.981	-4.981	-4.981	-4.983	-4.911	-4.941	-4.961	-4.190	-4.981	791307	NA	NR_033550_14_+_1
Gm12359	0.208	0.149	-0.664	-1.540	-1.256	-1.699	-0.643	-0.901	-0.598	-0.557	100037262	NA	NR_033551_11_+_1
Gm10125	-4.981	-0.750	-3.350	-3.776	-3.802	-4.115	-3.542	-4.932	-4.981	-4.981	791318	NA	NR_033552_18_+_1
1700048020Rik	1.280	1.448	-0.761	1.047	-0.139	0.705	-0.795	1.239	-3.322	-1.163	69430	NA	NR_033553_9_+_1
D330041H03Rik	3.064	2.530	2.004	1.938	1.792	2.156	2.606	1.477	0.357	0.412	654822	NA	NR_033554_17_+_1
F830002L21Rik	-4.981	-1.046	-0.904	-0.392	-4.193	-1.170	-2.913	-2.053	-2.567	-1.385	414125	NA	NR_033558_10_+_1
Arhgap20os	-4.981	-4.981	-4.981	-4.981	-4.986	-2.630	-4.981	-4.981	-4.981	-4.981	408028	NA	NR_033560_9_+_1
Rbm3os	1.841	1.081	0.155	-0.157	-0.011	-0.136	-0.884	-0.644	-0.129	0.170	70226	NA	NR_033561_X_+_1
Gpx2-ps1	-0.551	-2.200	-2.363	-2.945	-2.850	-3.740	-1.266	-3.216	-4.981	-4.227	14777	NA	NR_033563_7_+_1
Gm16897	-3.843	-4.981	-4.469	-4.155	-2.483	-4.338	-2.949	-3.458	-4.981	-4.342	320400	NA	NR_033564_1_+_1
AI507597	-4.981	-4.981	-3.658	-4.383	-4.599	-4.870	-4.970	-4.734	-4.981	-4.981	100165	NA	NR_033566_4_+_1
E130304I02Rik	-3.099	-2.349	-4.911	-3.474	-4.422	-2.815	-4.910	-2.823	-4.981	-3.510	78547	NA	NR_033567_7_+_1
9430041J12Rik	0.244	-0.444	-4.981	-4.981	-4.003	-4.528	-3.752	-4.865	-4.981	-4.342	77323	NA	NR_033568_7_+_1
1810062O18Rik	-0.402	-0.875	-1.871	-2.240	-1.138	-2.603	-1.606	-3.223	-1.766	-1.948	75602	NA	NR_033571_14_+_1
4930512B01Rik	-3.684	-3.315	-2.684	-3.889	-3.761	-4.254	-3.788	-4.822	-4.981	-4.981	74724	NA	NR_033573_12_+_1
Nutf2-ps1	6.834	6.932	7.027	7.118	6.737	6.758	6.654	6.793	5.846	5.613	100043462	NA	NR_033574_8_+_1
Cyp4b1-ps2	-4.981	-3.408	-4.526	-1.105	-3.887	-1.316	-3.168	-1.001	-3.189	-2.047	631037	NA	NR_033575_4_+_1
Record_remove	2.358	-3.205	10.175	5.419	6.410	-1.780	4.972	-0.734	-3.236	-4.981	Record_remove	NA	NR_033577_15_+_1
Gm15645	1.016	1.719	1.177	1.057	0.907	1.229	0.641	0.665	0.247	-0.273	626055	NA	NR_033578_7_+_1
Adh6-ps1	-4.981	-4.981	-4.972	-4.972	-4.301	-4.788	-4.416	-4.712	-4.981	-4.342	639769	NA	NR_033581_3_+_1
Cyp4f41-ps	-1.681	-4.981	-2.369	-4.797	-2.233	-2.021	-3.792	-2.823	-3.153	-4.981	77875	NA	NR_033589_8_+_1
Fam120b	6.099	6.333	5.317	5.347	5.721	5.870	5.325	5.410	5.365	5.108	67544	FAM120B	NR_033586_17_+_1
Otub2	-4.607	-4.568	-3.543	-4.839	-1.412	-3.886	-3.328	-2.504	-4.690	-4.897	68149	OTUB2	NR_033587_12_+_1
AY512931	-3.486	-4.981	-2.228	-4.674	-4.312	-4.569	-4.023	-4.493	-2.953	-4.981	434310	NA	NR_033588_8_+_1
Hmgb1-rs17	-2.347	-0.971	-3.359	-2.062	-3.392	-2.560	-4.406	-2.729	-3.008	-2.970	628431	NA	NR_033589_8_+_1
Gm5712	-4.981	-2.583	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	435755	NA	NR_033594_3_+_1
Gm13498	-0.093	-4.981	-4.357	-4.980	-3.926	-4.978	-4.981	-4.981	-4.981	-4.981	227885	NA	NR_033595_2_+_1
5730416F02Rik	-4.981	-2.616	-4.559	-4.574	-4.976	-4.844	-4.946	-4.892	-4.981	-2.976	70550	NA	NR_033596_X_+_1
Record_remove	-0.729	-0.740	-0.637	-0.850	-0.861	-1.845	-1.282	-2.249	-1.163	-0.938	Record_remove	NA	NR_033599_12_+_1
4930519F09Rik	-3.259	-4.981	-3.896	-3.524	-3.684	-3.905	-3.847	-4.384	-3.590	-4.981	114676	NA	NR_033601_10_+_1
Gm5779	-3.253	-3.408	-3.753	-2.609	-3.921	-2.569	-4.680	-4.220	-2.722	-3.637	544707	NA	NR_033602_10_+_1
Gm5176	-4.981	-2.803	-3.776	-4.122	-4.376	-4.004	-4.052	-4.965	-3.588	-4.981	382421	NA	NR_033603_10_+_1
1700084J12Rik	-4.981	-3.315	-4.066	-4.455	-4.879	-4.800	-4.979	-4.683	-3.750	-4.981	73486	NA	NR_033608_15_+_1
Gm12669	5.578	5.321	5.197	5.052	4.513	4.758	4.363	4.690	4.397	4.275	620016	NA	NR_033611_7_+_1
Gm13238	-2.647	-4.981	-4.339	-4.839	-3.991	-4.947	-3.300	-4.849	-2.377	-4.981	236069	NA	NR_033612_4_+_1
1700001J11Rik	-4.981	-4.981	-4.708	-4.427	-4.960	-4.840	-4.978	-4.941	-4.981	-4.981	72224	NA	NR_033613_9_+_1
Rreb1	3.260	3.694	-1.036	0.029	1.138	1.307	1.156	-0.500	-0.807	-0.663	68750	RREB1	NR_033615_13_+_1
Gm6623	-1.388	-1.239	-1.584	-0.070	-2.072	-0.302	-1.863	-0.535	-1.718	1.061	625785	NA	NR_033619_17_+_1
Olfir856-ps1	2.446	2.402	2.648	2.284	2.624	2.939	2.280	2.347	2.092	3.408	624341	NA	NR_033621_9_+_1
5031434O11Rik	0.578	0.773	-0.560	-1.393	-0.762	-0.454	-0.725	-1.291	-1.724	-2.616	100039684	NA	NR_033624_3_+_1
D5Ert605e	2.841	2.139	1.475	1.227	0.142	-0.462	1.036	0.518	-0.119	-1.525	100039805	NA	NR_033625_5_+_1
1810010D01Rik	-4.981	-4.981	-2.418	-3.659	-2.579	-3.793	-2.631	-4.767	-2.440	-4.981	100040049	NA	NR_033626_7_+_1
Mfsd4b4	-3.189	-2.437	-2.929	-2.780	-1.967	-2.277	-3.042	-2.644	-0.872	-1.300	213332	NA	NR_033628_10_+_1
BC021767	-4.981	-4.981	-3.047	-2.913	-3.473	-2.709	-3.187	-2.570	-4.981	-3.461	545551	NA	NR_033629_3_+_1
Gm5177	-4.981	-2.227	-3.874	-0.787	-4.962	-1.768	-4.193	-1.905	-4.981	-0.744	382450	NA	NR_033630_10_+_1
4632428C04Rik	-3.563	-4.981	-1.746	-1.821	-4.132	-4.247	-0.087	-1.293	-1.236	-1.237	100043102	NA	NR_033631_16_+_1
A630075F10Rik	-4.981	-4.981	-4.423	-4.646	-3.603	-4.464	-4.811	-4.444	-4.487	-4.459	100043910	NA	NR_033632_2_+_1
A630075F10Rik	-4.981	-4.981	-4.914	-4.947	-4.746	-4.919	-4.967	-4.917	-4.849	-4.833	100043910	NA	NR_033634_2_+_1
9130019P16Rik	-3.002	-4.981	-2.670	-2.069	-2.274	-2.047	-4.814	-4.499	-4.981	-4.981	100042056	NA	NR_033635_6_+_1
Gm4349	-4.981	-2.263	0.063	-0.041	-1.636	-0.767	-2.452	-1.489	-3.563	-2.519	100043305	NA	NR_033637_3_+_1
Rps19-ps3	-0.630	-0.973	-0.616	-0.792	-0.686	-0.526	-0.871	-0.580	-1.008	0.009	277692	NA	NR_033639_4_+_1
Crnde	-4.981	-4.981	-4.268	-4.986	-3.274	-4.529	-3.314	-4.826	-4.981	-4.981	71296	NA	NR_033641_8_+_1
Gm3230	0.016	0.102	-1.165	-1.470	-1.425	-1.201	-0.728	-0.692	-0.462	-0.970	100041244	NA	NR_033642_2_+_1
Vmn2r-ps129	-2.303	0.281	-0.821	-0.446	-1.508	-1.313	-2.511	-2.137	-2.566	-1.881	665976	NA	NR_033648_17_+_1
Trim30e-ps1	-4.981	-3.408	-4.893	-4.602	-4.940	-4.856	-4.884	-4.459	-4.981	-4.227	625321	NA	NR_033673_7_+_1
Ces2d-ps	-4.981	-4.981	-0.310	-1.318	-1.897	-2.689	-4.935	-2.802	-4.981	-3.853	667754	NA	NR_033726_8_+_1
Rps27	3.732	3.380	3.456	3.042	3.021	3.088	3.044	3.069	2.012	1.546	57294	NA	NR_033727_3_+_1
Fbxl12os	-0.542	0.350	-0.355	-0.466	-1.021	-1.877	-0.636	-1.755	-0.353	0.062	66662	NA	NR_033729_9_+_1
E330020D12Rik	1.175	3.020	4.014	2.413	1.209	2.298	1.428	2.572	-1.256	2.935	626058	NA	NR_033736_1_+_1
Cbwd1	2.698	3.158	2.205	2.032	2.219	2.123	1.983	1.738	0.712	0.535	226043	CBWD1	NR_033744_19_+_1
Minos1	3.117	2.746	1.861	1.909	0.651	1.026	1.586	1.258	1.112	1.310	433771	MINOS1	NR_033745_4_+_1
2810001G20Rik	3.873	3.040	1.927	1.454	1.563	1.658	1.585	1.525	1.541	1.061	66456	NA	NR_033780_11_+_1
4921531C22Rik	3.653	3.392	2.227	2.488	2.334	2.853	2.183	2.098	1.238	1.876	66730	NA	NR_033782_2_+_1
Bend5	-0.572	-4.860	-2.187	0.188	-0.439	1.152	-0.640	1.970	-4.377	-4.852	67621	BEND5	NR_033793_4_+_1
Abhd11	3.567	3.160	2.598	2.417	2.652	2.871	2.831	3.157	3.185	3.085	68758	ABHD11	NR_033794_5_+_1
Faap20	4.196	4.384	3.363	3.170	3.807	3.601	3.380	3.293	3.340	2.990	67513	FAAP20	NR_033802_4_+_1
6030408B16Rik	-2.075	-2.587	-1.308	-2.273	-1.439	-2.868	-3.289	-2.852	-2.957	-2.721	77717	NA	NR_033803_15_+_1

Art2a-ps	-1.941	-1.986	1.881	3.442	1.692	2.530	1.763	4.629	1.040	0.926	11871	NA	NR_033804_7_-1
Dnajc24	1.194	1.133	0.385	0.033	0.892	0.589	-0.190	-0.506	-0.411	-0.508	99349	DNAJC24	NR_033993_2_-1
Lins1	0.094	1.878	1.246	0.509	0.515	1.287	0.487	0.791	1.553	1.249	72635	LINS1	NR_034030_7_+1
5430416N02Rik	2.889	3.484	2.947	2.388	2.828	2.838	3.119	2.786	1.224	1.259	100503199	NA	NR_034038_5_-1
Snora47	-4.981	-4.981	-4.549	-4.819	-4.903	-4.970	-4.970	-4.734	-4.981	-4.981	100217450	NA	NR_034043_13_+1
Snora30	-3.349	-4.981	-4.940	-4.940	-4.545	-4.868	-3.896	-4.690	-4.981	-4.981	100217442	NA	NR_034045_7_+1
Snora81	-1.068	-2.064	-1.524	-2.399	-2.282	-2.236	-1.139	-3.151	-0.465	-0.678	100217420	NA	NR_034048_16_+1
Snora52	-4.981	-3.315	-4.270	-4.792	-4.132	-4.724	-4.850	-4.794	-3.925	-4.981	100217419	NA	NR_034049_7_+1
Snora34	-3.189	-3.900	-4.640	-4.965	-4.343	-4.759	-4.940	-4.924	-3.738	-4.981	100217417	NA	NR_034051_15_-1
Zfp414	4.569	4.343	3.845	3.979	3.599	3.907	4.260	4.466	4.799	4.549	328801	ZNF414	NR_034153_17_+1
Olf1372-ps1	-4.981	-4.981	-4.315	-3.282	-4.563	-3.142	-4.967	-4.830	-4.981	-3.853	257871	NA	NR_034155_11_-1
Mir692-3	-4.981	-3.654	-3.827	-4.854	-4.478	-4.865	-4.123	-4.760	-3.859	-4.539	100124641	NA	NR_035409_13_+1
Mir692-3	-4.981	-3.654	-3.827	-4.854	-4.478	-4.865	-4.121	-4.760	-3.859	-4.539	100124641	NA	NR_035409_4_+1
Mir466i	-2.925	-4.981	-3.222	-4.112	-3.985	-4.481	-4.375	-4.724	-4.394	-4.342	100316665	NA	NR_035412_13_+1
Mir1898	-4.981	-4.981	-4.681	-4.837	-4.616	-4.978	-4.963	-4.949	-3.738	-4.981	100316684	NA	NR_035443_15_+1
Mir1894	-4.981	-4.981	-4.205	-4.641	-4.042	-4.477	-4.802	-4.680	-4.981	-4.981	100316810	NA	NR_035445_17_+1
Mir1938	-3.189	-4.981	-3.542	-4.747	-3.262	-4.697	-2.735	-4.500	-3.738	-3.461	100316693	NA	NR_035459_12_-1
Mir1982	-4.981	-3.315	-3.398	-3.712	-3.635	-4.450	-3.799	-4.360	-3.738	-3.882	100316778	NA	NR_035503_10_+1
Gm14403	-0.209	3.022	-3.406	2.250	-2.343	2.841	-2.075	1.907	-2.457	2.618	433520	NA	NR_036450_2_+1
Gm4814	-2.686	-4.981	-4.981	-4.981	-4.780	-4.939	-4.911	-4.382	-4.981	-4.981	100502942	NA	NR_036451_13_+1
E230016K23Rik	-4.148	-4.056	-4.804	-4.958	-4.758	-4.958	-4.189	-4.776	-0.914	-0.879	100504464	NA	NR_036452_11_+1
E230016K23Rik	-1.147	-2.190	-3.165	-3.988	-2.938	-4.111	1.396	1.265	4.397	3.502	100504464	NA	NR_036453_11_+1
Trp53cor1	0.039	0.199	-1.883	-2.523	-2.572	-3.194	-0.096	-1.835	0.219	-0.889	100504267	NA	NR_036469_17_-1
Rps15a-ps4	-0.044	-0.253	0.643	-0.013	-0.038	-0.552	0.265	-0.228	0.070	-0.590	664903	NA	NR_036572_4_-1
Chap	-1.644	-4.358	-4.465	-3.859	-0.440	-0.254	-1.933	-2.148	-2.227	-2.465	100503659	NA	NR_036582_10_-1
1700001K23Rik	-4.981	-2.997	-4.981	-4.981	-4.005	-4.683	-3.379	-4.880	-3.750	-4.342	69319	NA	NR_036590_19_-1
6030440G07Rik	-4.981	-4.981	-4.320	-4.888	-4.859	-4.912	-4.754	-4.932	-4.981	-4.981	77878	NA	NR_036598_12_+1
4933421O10Rik	2.583	1.653	3.461	3.032	1.993	2.208	2.125	2.201	1.973	1.636	100504166	NA	NR_036602_4_-1
Srsf3	7.024	7.078	6.442	6.470	6.894	6.959	6.480	6.658	6.345	6.329	20383	SRSF3	NR_036613_17_+1
Srsf7	7.302	7.500	7.539	7.410	7.759	7.831	7.347	7.363	6.048	6.299	225027	SRSF7	NR_036615_17_-1
Srsf9	2.786	1.837	2.082	1.246	2.473	1.596	2.617	0.909	1.727	0.422	108014	SRSF9	NR_036616_5_+1
Efcab8	-4.981	-4.981	-3.932	-3.241	-4.588	-4.774	-3.385	-4.458	-4.981	-4.981	100504221	NA	NR_036629_2_+1
Alg13	1.747	2.241	1.690	1.258	1.759	0.909	1.950	0.530	1.358	1.739	67574	NA	NR_037145_X_+1
Chkb	4.018	3.510	4.315	4.178	4.078	3.789	3.763	4.017	4.518	4.436	12651	CHKB	NR_037153_15_-1
Chkb	3.366	3.064	2.335	1.905	2.060	3.230	2.045	3.479	2.714	1.913	12651	CHKB	NR_037154_15_-1
Gm9855	3.742	0.028	4.751	2.870	4.209	2.359	3.972	2.467	4.716	3.312	624784	NA	NR_037190_10_+1
Mir3064	-4.981	-4.981	-2.561	-3.690	-2.834	-3.757	-3.428	-4.665	-2.720	-1.995	100526469	NA	NR_037224_11_-1
Mir3101	-3.099	-4.981	-3.505	-4.307	-3.510	-4.388	-4.689	-4.763	-2.239	-4.316	100526505	NA	NR_037283_7_-1
1810026B05Rik	7.425	7.573	6.727	6.617	7.458	7.767	6.872	6.606	5.377	5.854	69170	NA	NR_037569_7_-1
Dcaf11	3.757	3.656	4.175	3.340	3.388	2.904	3.817	3.287	4.571	3.754	28199	DCAF11	NR_037572_14_+1
Angel2	2.301	1.028	1.542	0.840	-0.030	0.268	1.170	1.558	2.295	0.445	52477	ANGEL2	NR_037578_1_+1
Angel2	2.513	2.883	2.309	1.787	1.757	1.360	1.743	1.996	3.217	3.088	52477	ANGEL2	NR_037579_1_+1
Magix	-4.981	-4.981	-4.875	-4.081	-4.963	-3.453	-4.011	-4.711	-4.981	-4.981	54634	MAGIX	NR_037581_X_-1
Cahm	1.668	1.009	0.368	0.711	1.205	1.718	1.561	0.482	0.580	0.391	100526796	NA	NR_037588_17_+1
Rbm7	5.907	6.320	4.725	5.668	4.793	5.341	5.054	5.847	5.131	6.330	67010	RBM7	NR_037589_9_-1
Wls	-0.901	0.038	-2.244	-2.047	-0.788	-1.186	0.858	1.325	3.175	2.804	68151	WLS	NR_037590_3_+1
Kat5	0.921	1.912	0.450	-0.180	0.119	-0.151	-0.369	1.472	1.663	2.446	81601	KAT5	NR_037603_19_-1
Pafah1b1	1.437	3.864	1.782	2.932	1.243	2.218	1.169	1.525	1.817	2.272	18472	PAFAH1B1	NR_037610_11_-1
St5	-4.981	-4.297	-2.647	-3.204	-4.965	-4.972	-3.045	-4.040	-4.981	-4.981	76954	ST5	NR_037617_7_-1
Cep57	4.507	4.397	2.361	2.450	2.338	2.245	2.441	2.838	2.286	2.405	74360	CEP57	NR_037622_9_-1
Gm16861	-0.238	0.412	-0.871	-1.862	-0.521	-0.076	-1.574	-0.582	-1.094	-2.118	100503704	NA	NR_037666_16_-1
Snora33	-4.981	-4.981	-4.454	-4.978	-4.829	-4.772	-4.971	-4.398	-4.981	-4.981	100529074	NA	NR_037680_10_-1
Gm1968	-4.981	-4.981	-4.980	-4.582	-4.396	-4.973	-3.233	-4.294	-2.898	-4.981	328657	NA	NR_037689_16_-1
4933407L21Rik	-4.981	-3.408	-4.784	-3.990	-4.975	-4.931	-4.963	-3.357	-4.981	-4.981	71141	NA	NR_037692_1_+1
Adamts10	1.250	1.856	2.487	1.340	3.357	3.082	3.590	2.706	4.977	4.644	224697	ADAMTS10	NR_037707_17_+1
Adamts10	1.890	2.035	0.724	1.494	2.193	2.517	2.124	2.983	3.119	3.732	224697	ADAMTS10	NR_037708_17_+1
Tmem41a	0.887	1.362	-1.601	-0.643	-1.758	-0.718	0.786	1.184	-0.127	1.318	66664	TMEM41A	NR_037773_16_-1
Atp6v0c-ps2	8.862	9.099	7.272	7.431	8.222	7.630	8.354	7.806	8.060	7.904	100039636	NA	NR_037854_17_-1
Ankrd11	4.851	4.591	4.782	5.055	5.008	5.283	4.716	4.715	4.743	4.588	77087	ANKRD11	NR_037865_8_-1
Luc7l	4.258	4.408	3.102	2.995	3.977	3.953	3.379	2.602	3.209	2.425	66978	LUC7L	NR_037905_17_+1
Luc7l	5.153	5.604	5.338	5.027	4.985	5.099	4.664	5.027	4.929	5.105	66978	LUC7L	NR_037906_17_+1
Icmt	0.203	1.765	1.354	1.939	0.902	2.137	1.793	1.832	2.839	3.200	57295	ICMT	NR_037908_4_+1
Zfa-ps	-3.057	-1.892	-2.592	-2.885	-3.895	-3.911	-2.724	-3.638	-2.289	-2.917	22639	NA	NR_037920_10_-1
Lppos	2.998	2.858	0.549	0.512	1.695	2.349	1.406	1.685	0.558	1.266	68841	NA	NR_037954_16_-1
Lockd	1.260	0.471	1.826	1.835	3.162	2.681	3.196	2.153	0.360	-0.520	381822	NA	NR_037955_6_+1
Lockd	-4.981	-3.085	-4.925	-2.335	-4.942	-2.461	-4.749	-3.070	-4.981	-4.981	381822	NA	NR_037956_6_+1
1300002E11Rik	3.107	3.638	1.339	1.422	1.883	2.296	1.296	1.839	-0.174	0.062	100043489	NA	NR_037957_16_+1
1300002E11Rik	4.244	4.407	1.759	1.905	2.098	2.567	2.156	2.692	0.517	0.393	100043489	NA	NR_037958_16_+1
1600010M07Rik	3.614	-1.402	7.183	3.100	7.652	4.415	7.638	3.536	5.637	2.844	69781	NA	NR_037959_7_-1
1600020E01Rik	4.931	4.789	3.918	3.498	4.271	4.035	3.864	3.640	3.282	3.427	72012	NA	NR_037960_6_+1
1600020E01Rik	0.985	2.085	0.924	-0.019	0.272	1.108	0.968	0.615	0.760	0.620	72012	NA	NR_037961_6_+1
2610507I01Rik	2.504	-4.981	2.123	-4.264	2.058	-3.995	2.733	-2.861	4.539	-0.469	72203	NA	NR_037964_11_-1
Gm6644	7.512	7.332	7.413	7.484	7.443	7.414	7.276	7.274	6.778	6.385	626009	NA	NR_037965_6_-1
Brd2	5.347	5.306	5.946	5.711	5.773	5.593	5.858	5.641	6.343	6.293	14312	BRD2	NR_037970_17_-1

Gm20597	-4.981	-4.981	-4.945	-4.783	-4.974	-4.974	-4.524	-4.806	-4.981	-4.981	100502868	NA	NR_037973_10_-1
Gm16894	-2.073	-1.941	-2.984	-3.128	0.204	0.802	-0.231	-1.416	-0.879	-2.159	100047133	NA	NR_037980_1_-1
9330159M07Rik	1.210	-3.025	0.962	-2.120	1.234	-1.177	1.266	-2.337	1.351	-1.650	319673	NA	NR_037982_9_-1
9330159M07Rik	1.072	-1.082	-3.155	-2.452	-1.577	-2.257	-1.474	-3.866	-0.414	-2.960	319673	NA	NR_037983_9_-1
Gm16548	3.416	2.804	-2.600	-3.700	-2.428	-3.803	-2.169	-2.333	0.988	-0.111	100503816	NA	NR_037987_1_-1
Gm16701	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.989	-2.655	-1.719	-2.601	100503962	NA	NR_037988_1_-1
Jmjd4	0.383	0.489	1.753	1.110	1.260	1.156	0.490	0.931	1.503	1.981	194952	JMJD4	NR_037992_11+_1
B230216N24Rik	-2.336	-1.150	-2.382	-2.082	-2.076	-3.010	-2.920	-3.803	-1.104	-0.560	78603	NA	NR_037993_1_-1
2310043L19Rik	-4.981	-4.981	-4.981	-4.981	-3.612	-4.424	-4.802	-3.780	-4.981	-4.981	75589	NA	NR_037994_1_-1
Hmga2-ps1	4.278	6.069	3.770	3.930	3.879	4.927	4.661	5.380	5.243	6.120	15365	NA	NR_037996_1_-1
D030040B21Rik	-4.981	-4.981	-3.961	-4.047	-4.798	-4.922	-4.976	-4.900	-3.159	-3.752	329101	NA	NR_037998_1+_1
4930558J18Rik	-4.981	-4.981	-0.830	-1.821	-1.518	-2.570	-2.361	-4.343	-4.981	-3.386	75323	NA	NR_037999_1_-1
4933413J09Rik	-4.981	-0.933	-4.173	-3.958	-3.362	-4.433	-2.966	-4.351	-2.396	-3.459	71106	NA	NR_038005_14+_1
9630028B13Rik	-4.981	-4.981	-2.981	-4.981	-4.829	-4.919	-4.801	-4.972	-4.981	-4.981	319562	NA	NR_038006_1_-1
9330162B11Rik	-4.981	-4.981	-4.981	-4.981	-4.518	-2.150	-4.971	-4.804	-4.981	-4.981	320272	NA	NR_038007_1_-1
2810408H11Rik	-0.377	-0.024	1.178	1.650	0.890	0.565	0.127	0.673	-0.789	-1.237	69941	NA	NR_038009_1_-1
C730036E19Rik	-4.981	-4.981	-4.959	-4.473	-2.260	-2.893	-4.619	-4.523	-4.981	-4.981	402734	NA	NR_038011_1+_1
Gm17745	-1.911	-4.981	-2.718	-2.350	-0.283	-0.726	0.053	-0.085	1.383	0.324	432488	NA	NR_038014_10+_1
Gm16998	-0.739	0.480	-0.385	-1.134	1.686	2.469	0.965	0.364	-0.588	-1.039	100502920	NA	NR_038016_10+_1
Gm15915	-2.925	-2.069	-4.150	-4.807	0.058	-4.943	-3.933	-4.945	-2.957	-4.981	100504069	NA	NR_038017_10_-1
Gm20125	-4.981	-4.981	-2.271	-4.871	-4.992	-4.953	-2.964	-3.313	-4.981	-2.993	100504235	NA	NR_038020_10_-1
Gm15910	-0.611	-0.004	-1.189	-0.337	-2.217	-1.053	-2.031	-1.756	-3.029	-2.212	100504616	NA	NR_038023_10+_1
4933412E12Rik	-4.821	-2.169	0.022	-0.996	0.900	-0.096	-0.407	-1.762	-0.875	-0.308	71086	NA	NR_038025_10+_1
4933412E12Rik	2.085	2.990	2.378	2.567	2.787	2.664	2.856	2.667	1.693	2.036	71086	NA	NR_038026_10+_1
B230208H11Rik	-4.875	-4.720	-2.742	-4.916	-4.856	-4.647	-4.180	-2.101	-0.690	-1.861	320273	NA	NR_038027_10_-1
B230208H11Rik	-2.602	-2.681	-3.427	-2.928	-2.599	-3.808	-0.218	-2.320	2.361	0.168	320273	NA	NR_038028_10_-1
4930562F07Rik	-4.514	-4.526	-4.675	-4.880	-4.859	-4.949	-4.690	-4.924	-4.624	-4.860	75255	NA	NR_038030_1_-1
4930562F07Rik	0.236	-2.062	0.883	0.294	1.302	1.053	1.086	0.828	0.108	0.329	75255	NA	NR_038031_1_-1
Gm15663	-0.818	-1.972	-0.506	-2.510	-1.984	-4.366	-2.596	-3.336	-4.981	-4.227	327812	NA	NR_038032_10+_1
E130307A14Rik	2.778	2.448	2.193	2.174	3.173	2.735	2.590	2.208	2.802	2.278	327744	NA	NR_038037_10_-1
Hk1os	0.631	-0.182	-0.064	-1.323	0.570	-0.980	-0.347	-0.702	1.410	0.472	70162	NA	NR_038038_10+_1
1700028116Rik	-4.981	-4.981	-4.708	-3.101	-4.870	-1.658	-4.892	-0.423	-4.981	-2.993	70003	NA	NR_038042_10+_1
Gm10033	1.514	1.643	1.640	1.329	1.383	1.677	1.804	0.511	0.768	0.853	378466	NA	NR_038043_8_-1
Gm10033	1.019	0.727	0.441	0.372	0.676	1.092	0.346	0.109	0.130	-0.053	378466	NA	NR_038044_8_-1
Yars2	2.532	2.521	2.185	1.952	2.200	2.208	2.125	2.057	1.699	0.588	70120	YARS2	NR_038046_16+_1
D130020L05Rik	-3.476	-4.981	-2.897	-1.543	-2.725	-1.677	-4.938	-4.910	-4.853	-3.898	319760	NA	NR_038047_12+_1
D130020L05Rik	0.721	2.059	-0.422	-0.628	0.274	0.209	-0.069	0.476	-0.422	-3.589	319760	NA	NR_038048_12+_1
D130020L05Rik	0.089	-0.046	-0.986	-2.394	-2.162	-2.257	-1.010	-3.550	-2.872	-2.942	319760	NA	NR_038049_12+_1
D130020L05Rik	0.488	-0.070	-0.489	0.251	-1.258	0.064	-0.672	-1.277	-0.746	0.015	319760	NA	NR_038050_12+_1
4930546C10Rik	0.759	-0.637	-3.495	-4.125	-4.845	-4.962	-4.941	-4.901	-4.981	-4.981	78931	NA	NR_038051_18_-1
4930579G18Rik	-1.174	-1.941	-2.339	-2.101	-2.030	-1.798	-1.333	-2.424	-1.072	-2.515	75913	NA	NR_038053_14+_1
C030037D09Rik	-3.099	-1.736	-1.004	-1.605	-0.960	-3.200	-2.714	-2.637	-4.981	-4.316	193280	NA	NR_038058_11+_1
5830428M24Rik	4.074	4.166	3.494	3.841	1.958	2.462	1.008	2.038	-0.489	-1.661	76062	NA	NR_038060_12_-1
Record_removed	4.185	1.182	3.562	1.546	0.813	-0.251	1.203	0.743	-1.368	-3.924	Record_remove	NA	NR_038061_12_-1
Yipf2	2.597	3.460	1.907	2.596	2.101	2.628	-0.054	1.917	2.438	2.558	74766	YIPF2	NR_038062_9_-1
Rplp2-ps1	3.333	3.169	3.790	3.506	3.661	3.336	4.168	3.483	2.570	2.339	665931	NA	NR_038063_12_-1
Gm2011	-1.345	-1.650	-1.793	-2.613	-2.290	-2.838	-1.727	-3.249	-1.785	-2.884	100039027	NA	NR_038067_3+_1
Snhg4	3.181	3.316	3.777	3.168	2.216	1.996	2.691	2.415	1.209	0.871	100503380	NA	NR_038073_18+_1
Parp6	3.123	2.872	2.876	2.743	2.935	2.817	3.109	3.084	3.687	3.726	67287	PARP6	NR_038074_9+_1
Parp6	2.026	2.419	1.257	1.035	2.385	1.518	1.812	2.173	2.752	2.372	67287	PARP6	NR_038075_9+_1
1700001G11Rik	0.995	1.100	-0.099	-0.158	0.035	0.452	0.018	-1.241	-2.651	-2.749	69303	NA	NR_038077_14_-1
Gm38431	2.072	2.154	1.520	2.013	1.909	1.873	2.300	2.734	1.856	2.218	100568458	NA	NR_038081_9_-1
Six3os1	-4.981	-4.981	-4.981	-4.981	-3.587	-4.611	-4.981	-4.981	-4.981	-4.981	100043902	NA	NR_038082_17_-1
Six3os1	-4.981	-4.981	-4.981	-4.981	-3.126	-2.737	-4.981	-4.981	-4.981	-4.981	100043902	NA	NR_038083_17_-1
Six3os1	-4.981	-4.981	-4.981	-4.981	-4.931	-4.942	-4.981	-4.981	-4.981	-4.981	100043902	NA	NR_038084_17_-1
Gm6654	-0.892	-1.521	-0.472	0.135	-0.299	-0.440	-0.587	-1.018	-2.159	-1.409	626175	NA	NR_038089_6_-1
Al506816	-2.559	-2.507	-0.310	-2.168	-1.494	-3.245	-1.514	-3.548	-3.332	-3.480	433855	NA	NR_038090_5_-1
Morf4l1-ps1	2.525	2.579	2.266	2.104	2.044	2.101	1.945	1.439	2.015	2.011	624582	NA	NR_038091_16+_1
Gm11696	0.228	0.167	0.186	0.450	-0.743	-0.216	-0.741	-0.419	-0.484	0.520	100036768	NA	NR_038097_11_-1
Gm14327	-2.686	-3.408	-2.341	-4.006	-2.615	-4.087	-3.143	-5.014	-3.322	-4.981	665205	NA	NR_038101_2+_1
Cxcl11	-4.981	-4.981	0.319	-0.759	-4.228	-2.950	-2.737	-3.969	-3.844	-4.121	56066	NA	NR_038116_5_-1
0610009L18Rik	2.892	2.243	2.708	2.133	2.197	1.836	1.898	1.459	0.963	1.034	66838	NA	NR_038126_11+_1
Tmem132cos	-4.981	-4.981	-4.981	-4.981	-2.925	-4.815	-4.958	-4.941	-4.981	-4.981	67351	NA	NR_038127_5_-1
Tmem132cos	-4.981	-4.981	-4.981	-4.981	-4.957	-4.963	-4.979	-4.978	-4.981	-4.981	67351	NA	NR_038128_5_-1
Tmem132cos	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	67351	NA	NR_038129_5_-1
Epb414aas	2.903	2.279	2.121	1.379	2.116	1.902	2.732	1.606	1.313	1.016	69749	NA	NR_038151_18+_1
Epb414aas	-0.383	-2.180	-2.351	-4.027	-1.366	-3.268	-1.186	-3.013	-2.380	-4.981	69749	NA	NR_038152_18+_1
1810044D09Rik	2.718	2.081	1.644	1.272	2.176	2.250	1.254	1.017	0.554	-0.370	69798	NA	NR_038153_6+_1
2610020C07Rik	0.113	0.822	-0.131	-0.120	0.280	-0.136	0.393	-0.660	-0.936	-0.734	69918	NA	NR_038156_16+_1
5730405O15Rik	-1.492	-2.587	-1.305	-3.495	-1.492	-2.089	-2.394	-2.785	-2.093	-1.974	70489	NA	NR_038158_X+_1
Stamos	1.147	1.247	-2.129	-1.307	-1.316	-1.003	-0.752	-1.345	-1.828	-2.034	70957	NA	NR_038162_2_-1
0610005C13Rik	-1.224	-1.521	-2.704	-4.566	-4.962	-4.876	-4.366	-4.974	-3.925	-3.855	71661	NA	NR_038165_7_-1
0610005C13Rik	-4.981	-4.981	-4.121	-3.394	-4.421	-4.737	-4.385	-4.611	-4.981	-4.981	71661	NA	NR_038166_7_-1
4931403G20Rik	-4.469	-4.265	-2.657	-4.209	-3.074	-4.956	-3.473	-4.353	-4.656	-4.879	70934	NA	NR_038172_12+_1

4931403G20Rik	-0.143	-0.919	-1.050	-2.156	-2.295	-3.435	-1.290	-2.518	-1.262	-1.879	70934	NA	NR_038173_12_+_1
2610206C17Rik	-3.189	-0.021	-2.622	-2.718	-4.248	-3.149	-4.798	-1.827	-2.331	-2.588	72495	NA	NR_038175_7_+_1
C430049B03Rik	-4.981	-4.981	-3.617	-4.553	-3.102	-3.010	-2.534	-3.309	-2.928	-0.449	72575	NA	NR_038184_X_-_1
C430049B03Rik	-4.981	-4.981	-4.977	-4.475	-4.301	-3.887	-4.413	-3.778	-2.651	-2.526	72575	NA	NR_038185_X_-_1
Shhg18	-0.601	2.641	-4.002	-2.360	-4.818	-1.418	-2.982	0.370	-4.981	-4.981	100616095	NA	NR_038186_15_-_1
Cd1d2	-4.770	-0.783	-0.064	0.286	-1.130	-1.827	-4.109	-2.698	-4.981	-4.955	12480	NA	NR_038188_3_+_1
AV039307	-3.090	-2.275	-2.979	-3.182	-4.860	-2.943	-4.744	-3.081	-3.637	-3.419	100502700	NA	NR_038349_2_+_1
AV039307	-2.573	-3.254	-3.926	-4.561	-4.203	-4.878	-4.546	-4.926	-3.790	-3.612	100502700	NA	NR_038350_2_+_1
Fam187b	-4.981	-4.981	-0.741	-1.457	-4.296	-3.965	-1.503	-0.912	1.450	0.157	76415	NA	NR_038860_7_+_1
Mir5104	-4.981	-4.981	-4.814	-4.400	-4.982	-4.966	-4.772	-4.975	-4.981	-4.981	100628581	NA	NR_039563_10_+_1
Mir5107	-2.134	-1.736	-0.548	-1.492	-0.273	-0.852	-1.055	-1.920	-3.322	-3.098	100628611	NA	NR_039567_18_+_1
Gm14405	-4.981	-4.981	-4.746	-4.960	-4.981	-4.981	-4.720	-4.972	-4.439	-3.511	626877	NA	NR_040256_2_+_1
2210408F21Rik	1.395	1.426	-4.882	-2.217	-3.042	-3.734	-2.767	-2.268	-0.741	-1.341	73652	NA	NR_040257_6_+_1
2210408F21Rik	3.374	3.628	-0.090	0.901	-0.543	-0.479	0.974	0.219	0.360	0.957	73652	NA	NR_040258_6_+_1
2210408F21Rik	1.963	2.850	-1.788	-0.713	-3.409	-1.735	-0.518	-0.499	-0.536	0.193	73652	NA	NR_040259_6_+_1
2210408F21Rik	-0.696	-0.987	-4.885	-4.026	-4.869	-3.998	-4.974	-4.672	-3.878	-4.978	73652	NA	NR_040260_6_+_1
2210408F21Rik	0.810	0.988	-2.927	-1.649	-3.079	-3.838	-3.334	-3.249	-2.342	-1.222	73652	NA	NR_040261_6_+_1
2210408F21Rik	-1.457	-0.790	-3.630	-3.866	-4.963	-4.963	-3.811	-4.910	-3.930	-4.981	73652	NA	NR_040262_6_+_1
Smkp-ps	-0.915	-4.981	-2.286	-4.477	-1.838	-3.734	-2.482	-4.754	-0.540	-4.119	76419	NA	NR_040263_6_+_1
Smkp-ps	-1.846	-4.981	-4.328	-4.664	-4.954	-4.829	-4.404	-4.553	-3.584	-3.164	76419	NA	NR_040264_6_+_1
2310001H17Rik	4.039	3.200	2.538	1.997	3.368	2.521	3.710	2.497	2.041	1.457	76432	NA	NR_040265_6_-_1
2310001H17Rik	0.070	-0.110	-0.453	-4.967	0.422	-4.612	1.489	-2.102	1.286	-4.978	76432	NA	NR_040266_6_-_1
2310001H17Rik	0.980	0.118	-2.279	-4.929	-1.343	-3.480	1.917	-1.157	2.867	-4.972	76432	NA	NR_040268_6_-_1
Kantr	3.785	3.178	2.758	1.684	3.332	3.471	2.699	3.105	3.360	3.697	72997	NA	NR_040269_X_-_1
Kantr	1.586	1.899	1.324	0.923	1.850	0.585	2.600	-0.203	0.452	3.309	72997	NA	NR_040270_X_-_1
9330179D12Rik	-2.394	-4.858	-3.170	-3.613	-1.790	-1.739	-3.710	-4.937	-4.981	-4.975	77558	NA	NR_040273_6_+_1
9330179D12Rik	-0.381	-2.850	-3.538	-2.954	-1.180	-2.225	-1.875	-3.184	-4.981	-4.338	77558	NA	NR_040274_6_+_1
9330179D12Rik	-1.338	-2.137	-2.819	-3.319	-3.378	-3.194	-3.863	-3.446	-4.981	-4.227	77558	NA	NR_040275_6_+_1
Plxna4os1	-0.379	-1.459	-1.784	-1.470	-0.620	-1.193	3.684	3.926	3.559	4.073	319849	NA	NR_040277_6_+_1
E230016M11Rik	0.044	-3.133	0.396	-2.662	-0.865	-3.690	-0.618	-3.671	0.898	-1.329	320172	NA	NR_040278_6_+_1
3632454L22Rik	-3.901	-3.836	-4.535	-4.831	-4.665	-4.409	-4.691	-4.876	-4.870	-4.728	320606	NA	NR_040281_X_-_1
3632454L22Rik	-1.593	-2.402	-2.810	-4.209	-2.695	-3.979	-3.384	-4.238	-4.485	-4.069	320606	NA	NR_040282_X_-_1
3632454L22Rik	-4.981	-4.981	-4.699	-4.349	-4.973	-4.876	-4.784	-4.959	-4.981	-4.981	320606	NA	NR_040283_X_-_1
Lym7os	-4.981	-4.981	-3.840	-3.121	-4.906	-4.974	-4.959	-4.404	-4.981	-4.981	432562	NA	NR_040284_11_+_1
A730020E08Rik	-3.422	-3.278	2.722	2.454	1.317	0.783	0.660	0.142	-3.232	-4.981	100504262	NA	NR_040287_6_-_1
4933424G06Rik	-4.981	-4.981	-4.256	-4.643	-2.939	-3.380	-2.841	-3.981	-4.394	-3.459	71166	NA	NR_040290_1_+_1
6430706D22Rik	3.798	2.526	4.299	2.734	5.099	3.367	5.478	2.972	5.159	3.053	78605	NA	NR_040291_1_-_1
2310040G24Rik	3.221	3.364	5.190	4.847	2.611	2.367	3.371	3.695	2.142	2.315	381792	NA	NR_040292_6_-_1
2310040G24Rik	-0.089	-0.277	-2.273	-2.545	-3.167	-1.411	-4.059	-3.799	-2.543	-1.975	381792	NA	NR_040293_6_-_1
4930414N06Rik	-3.090	-2.600	-4.955	-4.955	-4.944	-4.387	-4.547	-4.976	-4.206	-3.126	73894	NA	NR_040294_19_-_1
Gm19434	-4.981	-4.981	-0.883	-2.641	-0.558	-0.051	0.573	-1.503	-3.354	-1.935	100502888	NA	NR_040296_6_+_1
Gm19757	0.840	1.383	0.672	0.817	0.680	0.989	0.094	0.731	0.431	0.528	100503536	NA	NR_040297_6_-_1
Mklin1os	0.429	0.629	-4.243	-1.361	-1.002	-0.204	-1.460	-2.293	-3.196	-1.710	100503869	NA	NR_040300_6_-_1
Gm20362	-4.027	-3.854	-4.282	-4.980	-4.679	-4.845	-4.978	-4.971	-4.462	-4.981	100504701	NA	NR_040301_6_+_1
Gm20362	-3.782	-3.610	-3.984	-4.977	-4.498	-4.748	-4.975	-4.974	-3.909	-4.981	100504701	NA	NR_040302_6_+_1
Gm20743	-2.355	-2.060	-4.978	-4.978	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	433374	NA	NR_040303_1_+_1
6720468P15Rik	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	78073	NA	NR_040306_19_+_1
6720468P15Rik	1.129	1.829	-4.941	-4.941	-1.909	-1.513	-1.083	-1.083	-0.591	0.715	78073	NA	NR_040307_19_+_1
Apol7d	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.888	-3.636	-1.339	-1.115	100042814	NA	NR_040308_1_+_1
1700025B11Rik	-4.981	-4.981	-1.643	-4.914	-3.933	-4.928	-4.479	-4.995	-4.981	-4.981	76409	NA	NR_040310_15_-_1
Mir9-3hg	-4.981	-4.981	-4.813	-4.953	-4.892	-4.958	-4.981	-4.981	-4.981	-4.981	101694	NA	NR_040311_7_+_1
Mir9-3hg	-4.981	-4.981	-4.755	-4.968	-4.725	-4.928	-4.980	-4.981	-4.981	-4.981	101694	NA	NR_040312_7_+_1
Mir9-3hg	-4.981	-4.981	-3.743	-4.909	-3.302	-4.835	-4.978	-4.979	-4.981	-4.981	101694	NA	NR_040313_7_+_1
Mir9-3hg	-4.981	-4.981	-4.876	-4.583	-3.562	-3.629	-4.957	-4.969	-4.981	-4.981	101694	NA	NR_040314_7_+_1
B230217012Rik	0.213	-2.997	-1.353	-3.036	-2.557	-1.731	-0.861	-1.924	-1.884	-1.687	320879	NA	NR_040316_19_-_1
2500004C02Rik	2.040	1.769	1.346	0.732	0.680	0.913	0.615	0.619	0.717	1.238	72326	NA	NR_040318_2_-_1
E130018N17Rik	-1.732	-2.160	-4.965	-3.602	-4.208	-3.941	-4.419	-3.413	-3.109	-2.647	77017	NA	NR_040327_2_-_1
4833419F23Rik	2.094	0.751	1.812	1.267	1.609	1.183	1.914	1.025	2.066	1.304	73915	NA	NR_040328_18_+_1
E130215H24Rik	1.020	0.562	-1.060	-1.832	0.579	0.650	0.666	0.062	0.071	-1.040	109344	NA	NR_040331_2_+_1
A930006I01Rik	-1.069	-1.756	-3.322	-0.466	-0.789	-1.027	-0.677	-0.354	-4.394	-3.210	319854	NA	NR_040332_2_-_1
A230108P19Rik	-2.739	-2.137	-2.961	-3.976	-0.202	-1.594	-1.565	-2.698	-4.981	-1.145	320132	NA	NR_040333_2_+_1
D330023K18Rik	3.287	2.286	1.362	0.765	1.690	1.233	2.364	0.757	1.629	0.939	320973	NA	NR_040334_2_-_1
D330050G23Rik	-4.981	-4.981	-4.978	-4.920	-4.773	-4.922	-4.598	-4.970	-4.845	-4.981	320975	NA	NR_040335_2_+_1
D330050G23Rik	-4.981	-4.981	-2.805	-0.677	-1.134	-2.758	-1.723	-3.351	-3.448	-4.981	320975	NA	NR_040336_2_+_1
Gm16982	-3.563	-4.981	-4.035	-2.543	-4.022	-2.732	-3.266	-2.742	-0.704	-0.539	100036523	NA	NR_040337_7_-_1
Redrum	-4.981	-0.313	-4.278	0.940	-3.920	1.042	-2.358	1.192	-2.989	0.332	77433	NA	NR_040338_18_+_1
Gm19897	2.354	2.555	1.943	1.939	2.707	2.634	2.286	1.670	1.678	0.962	100503790	NA	NR_040339_7_-_1
Gm16157	-2.573	-4.579	-4.975	-4.981	-4.956	-4.979	-4.831	-4.398	-4.981	-4.981	100504026	NA	NR_040340_7_-_1
Gm15880	-1.987	-2.097	-2.513	-2.389	-0.043	-0.005	-1.558	-1.193	-2.239	-1.443	100504375	NA	NR_040343_7_+_1
1810019D21Rik	-4.927	-4.866	-4.976	-4.976	-4.981	-4.981	-4.881	-4.968	-4.864	-4.968	69771	NA	NR_040344_8_+_1
1810019D21Rik	-4.888	-4.812	-4.974	-4.975	-4.981	-4.981	-4.835	-4.960	-4.799	-4.948	69771	NA	NR_040345_8_+_1
1810019D21Rik	-3.668	-2.600	-4.653	-4.847	-4.931	-4.864	-2.038	-3.567	-1.043	-1.450	69771	NA	NR_040346_8_+_1
Gm20556	-4.981	-4.981	-3.016	-3.180	-4.859	-4.799	-4.954	-4.968	-4.981	-4.981	328576	NA	NR_040347_15_-_1
4930473A02Rik	-2.458	-2.583	-3.691	-4.071	-3.709	-4.318	-3.289	-3.863	-2.168	-2.401	321014	NA	NR_040348_2_-_1

Gm19466	-0.826	-0.994	-1.006	-1.546	-0.548	-1.173	-2.256	-2.845	-2.753	-2.063	100502945	NA	NR_040349_18_+1
Gm5475	-4.981	-4.981	-4.121	-3.038	-3.096	-3.244	-2.991	-4.053	-4.981	-3.527	432982	NA	NR_040351_15_+1
E030013119Rik	-4.981	-4.981	2.871	1.313	-4.968	-3.913	-4.458	-3.923	-1.533	-4.981	338535	NA	NR_040353_2_+1
Znf41-ps	3.158	2.132	2.581	-2.043	2.766	-1.165	3.413	-0.443	3.346	1.298	70005	NA	NR_040355_4_+1
Gm13483	-3.349	-2.349	-4.981	-4.981	-2.655	-2.668	-4.958	-4.771	-3.823	-4.316	100502624	NA	NR_040362_2_+1
9430091E24Rik	-4.194	-3.762	-4.778	-4.807	-3.291	-4.927	-4.365	-4.871	-4.489	-4.674	434350	NA	NR_040363_8_-1
9430091E24Rik	2.072	1.785	-0.174	0.792	0.594	0.764	-0.074	0.870	0.552	0.408	434350	NA	NR_040364_8_-1
Gm15446	1.333	0.833	0.577	0.228	0.805	0.497	0.651	-0.054	0.127	0.492	100642166	NA	NR_040366_5_+1
Gm16796	-3.668	-3.408	-2.020	-4.317	-3.879	-4.994	-3.934	-4.589	-3.738	-4.227	100502946	NA	NR_040367_2_-1
Gm14023	-0.835	-4.981	-1.950	-1.561	-2.816	-4.310	-2.176	-3.093	-0.752	-1.195	100503468	NA	NR_040371_2_+1
Asb17os	-4.981	-1.756	-3.788	-0.836	-4.504	-0.513	-3.297	-0.351	-4.981	-2.247	72317	NA	NR_040373_3_-1
B130034C11Rik	-0.649	-1.360	-2.772	-2.337	-1.835	-3.908	-2.101	-3.158	-2.356	-3.758	414095	NA	NR_040375_16_+1
Gm16793	-1.718	-1.005	-2.821	-1.829	-4.674	-3.325	-4.647	-3.851	-3.815	-1.700	100504714	NA	NR_040376_8_-1
G730013B05Rik	-4.333	-4.981	-4.428	-4.715	-4.782	-4.950	-4.174	-4.745	-1.739	-4.454	619312	NA	NR_040379_16_+1
G730013B05Rik	-1.119	-4.981	-1.839	-2.534	-2.516	-4.043	-0.110	-1.155	-3.624	-1.719	619312	NA	NR_040380_16_+1
4930520004Rik	-0.792	-1.469	-1.922	-4.950	-1.190	-0.429	-1.449	-3.026	-2.826	-3.200	75116	NA	NR_040383_9_+1
4930520004Rik	-0.397	-1.144	-2.750	-2.828	-1.602	-0.986	-1.720	-2.191	-3.710	-3.166	75116	NA	NR_040384_9_+1
Platr4	-2.573	-1.693	-4.981	-4.981	-4.981	-4.981	-4.976	-4.900	-4.981	-4.981	78706	NA	NR_040385_3_-1
AI115009	-2.925	-0.431	-4.931	-4.575	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	99542	NA	NR_040386_3_+1
Gm10785	1.215	1.430	-0.408	-0.141	-0.234	-0.470	0.097	-0.375	0.138	-0.368	100038392	NA	NR_040389_16_+1
A730090N16Rik	-1.774	-1.953	-3.744	-3.286	-4.401	-3.523	-3.010	-2.845	-2.898	-4.227	319798	NA	NR_040390_3_-1
1700063D05Rik	-4.981	-3.267	-4.029	-3.708	-3.787	-4.490	-4.068	-4.211	-4.981	-4.981	78500	NA	NR_040392_9_+1
D430036J16Rik	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-2.792	-4.542	-4.981	-4.981	319405	NA	NR_040393_9_+1
D430036J16Rik	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-2.117	-4.703	-4.981	-4.981	319405	NA	NR_040394_9_+1
D430036J16Rik	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-2.989	-4.342	-4.981	-4.981	319405	NA	NR_040395_9_+1
D430036J16Rik	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-3.998	-4.615	-4.981	-4.981	319405	NA	NR_040396_9_+1
D430036J16Rik	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-2.867	-4.508	-4.981	-4.981	319405	NA	NR_040397_9_+1
4930570G19Rik	-2.483	-4.981	-3.462	-4.904	-2.035	-4.245	-3.136	-2.530	-0.676	-1.597	329782	NA	NR_040398_3_-1
4930570G19Rik	-0.166	-4.981	-4.948	-4.948	-3.137	-4.896	-2.574	-4.965	-1.433	-4.981	329782	NA	NR_040399_3_-1
4930570G19Rik	-0.444	-1.435	-2.398	-4.357	-3.767	-4.147	-1.818	-4.343	-1.270	-3.183	329782	NA	NR_040400_3_-1
C920006O11Rik	2.709	-0.566	0.808	-3.359	1.446	-3.781	1.163	-2.305	1.058	-2.372	320295	NA	NR_040401_9_+1
Gm19522	1.619	1.464	-1.263	-0.743	-0.643	-1.026	-1.557	-0.706	-3.925	-4.227	100503040	NA	NR_040402_16_-1
Gm15417	-1.327	-4.981	0.015	-1.367	-2.761	-1.868	0.514	-0.687	1.949	-0.072	545539	NA	NR_040403_3_+1
Gm15417	-0.921	-2.616	1.949	0.053	1.104	-0.991	2.191	0.725	2.134	0.596	545539	NA	NR_040404_3_+1
Gm16845	1.814	-3.466	-0.064	-1.975	-2.201	-3.279	-2.137	-2.957	1.251	-1.353	100503652	NA	NR_040406_9_+1
Gm16845	1.072	2.627	0.217	1.033	0.381	0.947	0.771	0.758	0.657	1.608	100503652	NA	NR_040407_9_+1
Gm15441	0.799	0.502	-0.538	-0.829	-0.007	-0.485	0.074	-0.425	1.175	0.416	100038464	NA	NR_040409_3_-1
Gm15471	-3.663	-2.349	-2.117	-2.926	-2.004	-4.301	-2.779	-3.501	-1.532	-1.764	100503157	NA	NR_040412_3_+1
Gm12504	2.113	-0.922	-1.159	-1.731	-1.533	-2.338	-1.436	-2.606	-1.069	-0.992	623796	NA	NR_040414_4_+1
1810021B22Rik	1.274	-0.966	1.183	-0.316	-0.371	-3.677	-0.285	-2.143	-0.881	-2.774	69120	NA	NR_040417_15_-1
2310034G01Rik	2.191	-1.404	1.420	0.467	0.879	-0.114	0.843	-0.742	0.711	-1.783	75579	NA	NR_040418_19_-1
Gm6568	-3.392	-4.981	-4.538	-4.528	-4.536	-4.639	-3.816	-4.927	-4.981	-4.981	625253	NA	NR_040420_X_+1
Gm15401	-4.981	-4.981	-3.473	-4.047	-4.187	-4.494	-3.996	-4.735	-4.263	-4.981	100038714	NA	NR_040421_6_+1
Gm15401	-4.981	-4.981	-4.986	-4.365	-4.824	-4.986	-3.347	-4.936	-1.909	-4.981	100038714	NA	NR_040422_6_+1
Rbakdn	-3.843	-4.981	-4.945	-4.076	-4.769	-4.970	-4.883	-4.978	-4.981	-4.981	100042605	NA	NR_040424_5_-1
Rbakdn	-3.663	-2.600	-4.939	-4.939	-3.875	-4.754	-3.989	-3.410	-2.519	-3.853	100042605	NA	NR_040425_5_-1
Rbakdn	-2.296	-4.981	-4.880	-4.880	-4.197	-2.753	-4.480	-4.132	-4.981	-4.981	100042605	NA	NR_040426_5_-1
Gm15408	-0.676	-0.662	-4.621	-3.141	-3.143	-3.635	-3.957	-3.863	-4.981	-4.316	100503307	NA	NR_040429_5_+1
Gm15787	-1.935	-0.907	-4.442	-4.722	-4.670	-3.851	-1.873	-3.780	-4.350	-4.699	100504007	NA	NR_040430_5_-1
Gm15787	-1.236	-0.626	-0.920	-1.300	-1.631	-0.711	-1.808	-1.200	-0.859	-0.074	100504007	NA	NR_040431_5_-1
Gm15708	2.641	1.839	-0.012	-0.997	3.438	0.275	2.131	-1.785	0.750	-1.305	100504231	NA	NR_040432_5_+1
E130218I03Rik	-1.683	-1.790	-1.603	-3.069	-2.630	-3.599	-2.985	-3.760	-1.669	-2.662	77490	NA	NR_040435_4_+1
E130218I03Rik	-4.786	-4.527	-4.955	-4.844	-4.978	-4.981	-4.981	-4.981	-4.771	-4.914	77490	NA	NR_040436_4_+1
3110045C21Rik	0.836	0.003	-1.559	-4.534	-0.928	-3.925	-1.773	-3.550	-2.310	-4.981	67303	NA	NR_040438_1_+1
1810006J02Rik	-3.189	-4.981	-4.287	-3.493	-3.553	-3.003	-3.786	-2.604	-4.981	-3.386	69030	NA	NR_040439_1_+1
Alms1-ps2	-3.750	-4.981	-3.494	-3.974	-4.935	-4.875	-4.979	-4.916	-4.981	-4.929	623273	NA	NR_040440_6_+1
Gm16023	0.118	0.086	0.474	0.192	0.144	-0.465	-0.039	-0.112	-0.157	-1.171	100502734	NA	NR_040441_4_-1
AV051173	-0.202	-1.308	-0.752	-1.400	-1.656	-1.568	-1.845	-1.859	-1.308	-1.126	100502959	NA	NR_040442_4_-1
C920021L13Rik	0.654	0.124	3.787	2.938	0.727	0.504	2.183	2.369	2.644	2.176	100042889	NA	NR_040446_3_+1
1700047G03Rik	-2.842	-1.773	-4.972	-4.972	-4.977	-4.977	-4.978	-4.941	-4.981	-2.684	73339	NA	NR_040447_15_+1
A430035B10Rik	6.118	5.805	2.641	1.039	1.502	0.753	1.218	1.520	-0.234	1.203	320312	NA	NR_040452_6_-1
Gm17757	0.698	1.758	0.887	-0.209	0.471	-0.280	1.927	1.136	3.071	2.412	100417829	NA	NR_040453_7_-1
Gm17757	0.704	-4.981	-0.177	-2.952	0.751	-4.852	1.569	-4.768	3.010	-4.884	100417829	NA	NR_040453_dup1_7_-2
4933417E11Rik	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.976	-4.904	0.114	-0.373	71134	NA	NR_040454_1_-1
Gm18853	0.173	1.227	0.345	-0.765	0.648	-0.897	2.283	1.139	2.822	1.872	100417831	NA	NR_040456_7_-1
Gm18853	0.177	-4.981	-0.718	-3.325	0.626	-4.880	1.532	-4.705	2.721	-4.890	100417831	NA	NR_040456_dup1_7_-2
1700034P13Rik	-2.825	-1.702	-1.390	-0.817	-1.004	-1.587	-1.645	-2.026	-1.489	-1.407	73331	NA	NR_040462_1_+1
1700066B17Rik	-4.981	-4.981	-3.759	-4.642	-4.664	-4.692	-4.393	-4.980	-4.981	-4.981	73426	NA	NR_040465_1_-1
5830418P13Rik	-1.839	-3.142	-1.379	-1.081	-1.483	-1.282	-1.838	-0.387	-4.981	-4.981	100529079	NA	NR_040466_9_+1
5031425E22Rik	4.480	4.326	3.914	3.666	3.998	4.419	4.443	4.106	4.353	3.896	269630	NA	NR_040469_5_-1
Platr17	4.039	3.193	1.902	1.105	1.614	0.916	2.727	2.109	2.820	2.523	474160	NA	NR_040470_17_+1
1700067G17Rik	-1.910	-2.437	-3.794	-4.941	-4.599	-4.704	-3.749	-4.973	-4.981	-4.981	73475	NA	NR_040471_1_+1
1700112H15Rik	-3.668	-4.981	-4.675	-4.966	-3.338	-4.497	-3.627	-4.925	-4.981	-4.981	73590	NA	NR_040472_1_-1
4930565N06Rik	-2.948	-2.344	-2.356	-2.809	-2.862	-4.693	-3.545	-3.164	-2.148	-3.131	68306	NA	NR_040476_16_-1

1600002D24Rik	-4.981	-4.981	-4.981	-4.981	-4.979	-4.946	-3.175	-4.595	-3.738	-4.981	69776	NA	NR_040485_16_-1
1810053B23Rik	-4.981	-4.981	-4.934	-4.934	-4.866	-3.678	-4.952	-4.848	-4.981	-4.981	69857	NA	NR_040491_16_-1
4930405A21Rik	-2.075	-1.642	-0.699	-0.936	-0.351	-1.639	-1.571	-3.662	-4.981	-4.227	74846	NA	NR_040505_2_-1
4930545L23Rik	-4.981	-4.981	-4.976	-4.882	-4.981	-4.981	-4.077	-4.922	-2.871	-3.011	78805	NA	NR_040517_2_-1
Gm4262	-0.033	0.222	-2.511	-3.207	-2.107	-4.684	-2.223	-3.225	-2.765	-3.733	100043147	NA	NR_040518_16_+1
1700025N23Rik	-4.981	-2.681	-2.607	-2.886	-4.367	-4.928	-2.306	-3.417	-1.613	-2.540	69986	NA	NR_040523_6_-1
Dbhos	-0.275	0.013	-0.994	-0.972	-1.246	-0.905	-1.348	-1.892	-1.387	-1.197	329371	NA	NR_040524_2_-1
Gm9926	-4.981	-4.981	-4.963	-4.963	-4.520	-4.105	-4.907	-4.720	-4.981	-4.981	100503565	NA	NR_040528_18_+1
Gm13807	-2.317	-1.833	-1.597	-2.944	-1.852	-2.278	-1.901	-2.854	-4.981	-4.981	639658	NA	NR_040529_2_+1
Gm10804	-1.926	-1.805	-3.953	-3.921	-4.233	-3.719	-3.392	-4.867	-4.981	-4.981	100038525	NA	NR_040532_2_+1
Gm10804	-3.563	-4.981	-2.256	-3.345	-3.194	-2.709	-4.094	-4.691	-4.981	-2.923	100038525	NA	NR_040533_2_+1
Gm10548	1.928	2.422	0.207	0.639	-0.917	-1.456	-1.626	-1.007	-1.997	-1.219	633395	NA	NR_040534_18_-1
Platr10	-3.349	-4.981	-4.981	-4.981	-4.975	-4.870	-4.960	-4.653	-4.981	-4.981	69193	NA	NR_040539_3_-1
4930406D18Rik	-4.981	-4.981	-3.700	-4.094	-3.813	-4.537	-4.550	-4.946	-4.981	-4.981	73806	NA	NR_040543_3_+1
1700125G22Rik	-4.981	-2.437	-4.316	-4.948	-4.931	-4.363	-4.965	-4.953	-4.190	-4.227	76657	NA	NR_040548_3_+1
9830132P13Rik	-4.981	-4.981	-4.838	-4.243	-4.928	-3.804	-4.650	-2.870	-3.738	-4.079	329753	NA	NR_040552_3_+1
4933439K11Rik	-1.455	-2.160	1.262	1.192	0.176	0.315	-0.420	0.588	-0.509	-0.822	71319	NA	NR_040558_1_-1
Gm12522	1.278	-0.510	1.008	-0.001	1.808	1.543	1.665	0.900	-0.397	-0.359	100038453	NA	NR_040560_3_-1
2810442N19Rik	-4.981	-3.408	-3.594	-4.818	-4.497	-4.756	-4.536	-2.936	-3.925	-2.249	72753	NA	NR_040562_1_+1
Gm10560	-4.981	-4.981	-3.594	-3.002	-3.543	-3.674	-3.276	-4.134	-4.981	-4.981	100038526	NA	NR_040563_4_-1
4930547E14Rik	-4.981	-4.981	-2.617	-2.967	-4.262	-4.295	-4.873	-4.972	-4.981	-4.981	75145	NA	NR_040564_16_+1
4930478L05Rik	0.421	0.241	-0.569	-0.356	-1.864	-0.585	-0.601	-0.799	-0.247	0.625	75818	NA	NR_040569_16_+1
1700123M08Rik	1.047	1.165	-0.255	-2.117	-0.742	-1.189	-1.301	-1.878	-0.793	-1.767	100503636	NA	NR_040577_4_+1
1700094J05Rik	-4.981	-4.981	-4.981	-4.981	-4.972	-4.835	-4.981	-4.981	-4.981	-4.981	67523	NA	NR_040580_10_+1
Tspan2os	-1.075	-0.994	-4.476	-3.578	-1.697	-1.401	-1.741	-4.346	-4.981	-3.882	78491	NA	NR_040588_3_-1
1700030L20Rik	-4.981	-4.981	-2.630	-4.290	-3.223	-4.415	-3.307	-4.507	-3.525	-4.981	70055	NA	NR_040592_3_-1
4930487H11Rik	-4.981	-4.981	-4.976	-4.882	-4.966	-4.966	-4.605	-5.013	-4.981	-4.227	74992	NA	NR_040601_1_-1
4931402G19Rik	-2.977	-3.315	-2.659	-1.074	-2.163	-3.645	-2.465	-3.141	-1.820	-2.025	70933	NA	NR_040608_2_-1
2010009K17Rik	-4.981	-3.267	-4.098	-3.805	-4.811	-4.927	-4.848	-4.532	-4.981	-3.303	72340	NA	NR_040609_2_-1
Acss2os	-4.981	-4.981	-4.442	-4.674	-4.895	-4.944	-4.956	-4.871	-3.142	-3.429	74945	NA	NR_040613_2_-1
A130077B15Rik	1.286	1.206	1.667	1.736	1.970	1.785	1.408	1.261	1.144	1.731	319272	NA	NR_040616_10_-1
A930019D19Rik	-4.981	-2.895	-4.268	-4.269	-3.981	-4.134	-4.800	-3.524	-1.875	-4.227	77806	NA	NR_040619_2_+1
4930573O16Rik	-2.573	-2.883	-4.776	-4.976	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	78049	NA	NR_040620_2_+1
D930015M05Rik	-3.090	-4.981	-2.834	-2.898	-2.808	-3.250	-2.578	-4.099	-3.277	-3.540	320507	NA	NR_040621_2_+1
Arhgap15os	-3.422	-4.981	-3.423	-3.398	-4.059	-3.886	-2.770	-4.955	-3.244	-3.748	320872	NA	NR_040622_2_-1
9230105E05Rik	-4.981	-4.981	-4.349	-4.168	-4.907	-4.968	-4.955	-4.937	-4.981	-4.981	320626	NA	NR_040626_10_+1
Gm17066	4.466	4.298	4.090	3.722	3.837	3.905	3.814	3.432	3.033	3.555	100502987	NA	NR_040628_14_-1
Gm20753	-4.010	-3.315	-3.272	-4.244	-3.487	-4.449	-4.479	-4.626	-4.981	-4.981	626049	NA	NR_040630_1_-1
0610043K17Rik	-1.176	-4.981	-1.922	-2.772	-4.013	-4.746	-3.864	-4.274	-4.190	-4.981	68400	NA	NR_040640_4_+1
Ctrcos	-4.981	-3.408	-3.047	-4.478	-3.788	-4.640	-4.539	-4.722	-4.241	-4.981	69139	NA	NR_040641_4_+1
Mipep	-0.760	0.422	-0.930	0.493	-0.493	-0.243	-0.811	-0.423	0.543	-0.527	70478	MYPEP	NR_040642_14_+1
2210414B05Rik	-2.483	-4.981	-4.978	-4.978	0.229	-0.785	-2.567	-1.562	-3.750	-2.452	70143	NA	NR_040643_4_+1
8430436N08Rik	-3.189	-0.672	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	71510	NA	NR_040645_4_+1
A330049N07Rik	-2.336	-3.408	-4.102	-4.521	-4.970	-4.721	-4.938	-4.959	-4.981	-3.430	327768	NA	NR_040646_10_-1
1700003M07Rik	-4.981	-4.749	-4.944	-4.977	-4.974	-4.974	-4.980	-4.979	-1.993	-4.937	72225	NA	NR_040647_4_+1
1700003M07Rik	-4.981	-3.267	-3.860	-4.986	-4.867	-4.898	-4.692	-4.856	-1.763	-3.181	72225	NA	NR_040648_4_+1
Alg11	2.733	3.217	2.420	1.995	2.001	2.055	2.367	2.667	2.093	2.721	207958	ALG11	NR_040650_8_+1
Platr7	-4.981	-1.541	-4.258	-4.950	-4.128	-4.894	-3.837	-4.545	-1.539	-2.436	442847	NA	NR_040658_10_-1
Gm5860	-0.307	-2.140	-1.693	-3.349	-1.276	-2.860	-1.682	-2.821	-2.469	-2.560	545641	NA	NR_040659_4_+1
LOC100504703	2.652	2.425	0.484	0.435	1.336	1.193	1.622	0.809	0.649	-0.277	100504703	NA	NR_040660_10_+1
Fhad1os1	-4.981	-4.981	-4.180	-4.719	-4.275	-4.943	-4.981	-4.981	-4.981	-4.981	545691	NA	NR_040672_4_+1
Gm12505	0.417	-0.176	1.290	0.090	0.505	0.627	-1.172	-0.255	-2.103	-1.440	100415914	NA	NR_040674_4_-1
2310034O05Rik	-4.981	-4.981	-4.888	-3.534	-2.632	-3.740	-3.937	-4.701	-4.394	-4.981	69571	NA	NR_040679_5_+1
LOC100503496	-0.222	-0.775	0.680	-0.692	0.539	0.023	0.294	-0.015	0.070	-0.350	100503496	NA	NR_040680_11_+1
Prkag2os1	-1.278	-0.436	-2.203	-3.075	-1.800	-3.674	-1.702	-2.486	-0.993	-1.370	71161	NA	NR_040684_5_+1
4933438B17Rik	-4.981	-4.981	-4.981	-4.981	-4.921	-0.760	-4.976	-4.904	-4.981	-4.981	71247	NA	NR_040685_5_+1
AW046200	-1.262	-4.981	-0.161	-1.772	-4.007	-4.164	-3.389	-4.164	-2.126	-4.342	100502619	NA	NR_040698_8_+1
1110046J04Rik	-3.189	-4.981	-2.972	-4.916	-3.485	-4.822	-3.710	-3.440	-4.190	-3.386	68808	NA	NR_040707_13_+1
E130102H24Rik	2.753	2.453	3.408	2.896	2.031	2.110	2.319	1.626	1.273	0.723	77866	NA	NR_040708_4_-1
Plet1os	-4.981	-1.991	-4.059	-2.508	-3.710	-3.273	-2.752	-2.986	-4.190	-4.981	69631	NA	NR_040714_9_-1
C130083M11Rik	-4.981	-4.981	-4.954	-3.565	-4.671	-4.383	-4.547	-4.760	-4.981	-4.342	414111	NA	NR_040717_5_-1
4933433G15Rik	-0.334	0.623	-1.053	-0.280	1.512	2.010	0.838	-1.426	-0.442	-1.317	71274	NA	NR_040719_9_+1
Snhg5	4.422	4.041	4.561	4.342	4.086	4.159	4.008	4.281	2.756	2.768	72655	NA	NR_040721_9_-1
1700110K17Rik	-4.981	-4.981	-4.735	-4.406	-4.885	-4.801	-4.977	-4.971	-4.981	-4.981	73558	NA	NR_040728_9_+1
4833428L15Rik	-4.981	-4.981	-5.017	-3.854	-4.619	-4.034	-4.974	-4.978	-4.981	-3.758	74602	NA	NR_040732_9_-1
4930429F24Rik	-2.501	-2.533	-2.924	-3.194	-3.592	-3.317	-2.963	-4.520	-4.981	-2.733	74633	NA	NR_040734_9_+1
4930524O08Rik	-4.981	-4.981	-4.962	-4.592	-3.478	-3.813	-4.974	-4.978	-4.981	-4.981	74700	NA	NR_040735_9_+1
4930525D18Rik	-4.981	-4.981	-3.721	-4.966	-4.970	-4.794	-3.247	-4.878	-3.925	-4.227	75100	NA	NR_040738_9_-1
Scarletlr	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.970	-4.734	-4.190	-4.981	76814	NA	NR_040743_9_+1
Gm15133	2.084	-4.981	2.344	-4.620	2.154	-4.699	1.897	-4.672	0.662	-4.227	622070	NA	NR_040749_7_+1
Gm20752	-4.981	-4.981	-4.972	-4.972	-4.966	-4.966	-4.935	-4.843	-4.981	-2.721	624759	NA	NR_040750_3_+1
AU023762	-4.981	-3.408	-3.635	-3.874	-3.916	-4.670	-3.978	-3.980	-4.190	-4.981	102688	NA	NR_040760_9_-1
4930511E03Rik	-4.981	-4.981	-4.978	-4.508	-4.677	-4.937	-4.100	-4.957	-4.981	-4.981	78773	NA	NR_040761_6_+1
9430037G07Rik	-3.189	-3.207	-0.906	-0.522	-1.793	0.482	-1.936	-0.348	-0.906	-1.082	320692	NA	NR_040766_9_-1

Gm5122	-4.981	-4.981	-4.971	-4.782	-4.756	-4.440	-4.981	-4.981	-4.981	-4.227	330956	NA	NR_040767_9_+1
Gm20756	-2.388	-2.336	-4.940	-3.212	-3.016	-2.642	-3.834	-4.512	-4.981	-3.142	626904	NA	NR_040771_6_+1
2210039801Rik	2.011	0.687	1.801	1.166	1.865	0.391	1.844	0.914	1.206	-0.931	73644	NA	NR_044985_12_+1
Gm6936	-4.981	-4.981	-4.399	-4.996	-4.894	-3.956	-4.933	-4.389	-4.981	-4.981	628951	NA	NR_045001_16_+1
Gm20257	5.028	4.845	2.669	1.961	2.308	2.076	2.915	3.295	2.762	2.905	100504501	NA	NR_045007_1_+1
Gm20300	2.797	2.554	3.552	3.089	2.558	1.887	2.692	2.053	2.384	2.440	100504586	NA	NR_045008_10_-1
Gm15987	3.205	1.551	3.081	3.210	4.883	4.851	5.457	5.225	5.160	5.256	100504591	NA	NR_045009_6_-1
Sfpq	4.325	4.700	4.731	4.456	5.248	5.181	4.748	4.195	3.929	3.284	71514	SFPQ	NR_045010_4_+1
Gdap10	3.170	3.342	5.196	4.836	5.342	4.202	4.321	3.566	3.876	3.659	100504486	NA	NR_045032_12_+1
Khdrbs1	1.977	1.646	4.093	4.029	4.162	3.996	3.710	3.239	3.520	3.170	20218	KHDRBS1	NR_045036_4_-1
Zfp207	3.032	2.910	2.883	2.689	3.453	3.147	3.064	3.149	3.041	3.338	22680	ZNF207	NR_045038_11_+1
2700038G22Rik	0.493	0.282	0.187	-1.025	-1.173	-0.744	-3.173	-3.229	-3.256	-3.335	67194	NA	NR_045040_5_+1
2700038G22Rik	1.011	2.007	1.048	2.396	0.740	1.342	0.127	1.396	-0.240	0.480	67194	NA	NR_045042_5_+1
9130015A21Rik	-4.981	-2.510	-3.060	-3.310	-2.679	-3.044	-4.053	-4.061	-4.981	-3.498	71581	NA	NR_045050_12_-1
9130015A21Rik	-2.842	-1.258	1.812	0.581	-1.338	-1.673	-2.909	-3.705	-4.981	-4.981	71581	NA	NR_045051_12_-1
Gm20187	-4.981	-4.981	-4.446	-4.987	-4.470	-4.303	-4.838	-4.967	-4.190	-4.092	100504347	NA	NR_045052_12_-1
2610307P16Rik	-0.014	-0.097	-3.832	-4.176	-4.481	-4.743	-3.319	-3.649	-4.981	-4.981	72518	NA	NR_045053_13_-1
2610307P16Rik	-2.391	-0.525	-4.936	-3.877	-4.921	-4.463	-4.912	-4.030	-4.981	-4.981	72518	NA	NR_045054_13_-1
3110056K07Rik	-1.793	-1.684	-2.790	-2.672	-3.613	-4.619	-3.343	-4.268	-4.981	-3.702	73204	NA	NR_045055_12_-1
3110056K07Rik	3.857	3.790	3.464	3.485	2.927	2.885	3.029	3.253	2.177	2.868	73204	NA	NR_045056_12_-1
Gm20337	0.797	-0.933	-0.581	0.612	0.288	0.314	-0.277	0.112	0.010	-0.043	100504661	NA	NR_045057_12_-1
4930431P03Rik	-4.981	-4.981	-2.621	-4.531	-4.696	-2.336	-4.799	-2.958	-1.927	-2.743	73895	NA	NR_045059_14_-1
Gm20324	2.338	1.223	3.943	3.577	4.023	3.748	3.548	3.258	1.874	1.507	100504637	NA	NR_045068_15_+1
Gm16576	0.310	0.062	1.223	1.212	1.847	0.952	1.264	1.494	1.878	1.673	100504191	NA	NR_045069_15_+1
4930592A05Rik	-4.981	-2.510	-3.049	-3.108	-4.980	-4.957	-3.911	-4.487	-3.576	-4.145	75880	NA	NR_045070_15_-1
Gm19510	-3.563	-0.773	-1.124	-1.519	-4.832	-3.992	-4.432	-4.769	-1.250	-4.981	100503021	NA	NR_045076_15_-1
Gm3716	-4.981	-4.981	-4.945	-0.453	-4.972	-3.310	-4.968	-2.228	-4.981	-4.316	100042198	NA	NR_045078_5_-1
330005D01Rik	2.961	3.656	-1.833	0.076	0.169	2.847	-2.037	0.827	-2.862	-1.920	78512	NA	NR_045079_17_+1
330005D01Rik	0.808	0.962	-1.795	-1.543	-0.472	-2.018	-1.615	-1.843	-3.693	-2.095	78512	NA	NR_045080_17_+1
330005D01Rik	3.913	-0.344	1.069	-0.257	2.008	0.657	0.875	-0.798	0.128	-1.558	78512	NA	NR_045081_17_+1
Gm2721	-4.981	-1.499	-4.981	-4.981	-3.996	-3.376	-4.981	-4.981	-4.981	-4.981	100040339	NA	NR_045085_12_-1
AW495222	-4.981	-4.981	-4.981	-4.981	-2.511	-2.645	-3.673	-4.367	-4.981	-4.981	105364	NA	NR_045086_13_-1
Gm16677	-4.981	-4.981	-4.965	-4.965	-4.901	-3.895	-4.981	-4.981	-4.981	-4.981	100504477	NA	NR_045091_14_-1
Gm16677	-4.981	-4.981	-4.965	-4.965	-4.901	-3.895	-4.981	-4.981	-4.981	-4.981	100504477	NA	NR_045091_dup1_14_-2
Gm9920	-3.668	-4.981	-0.756	-0.657	-1.797	-1.782	-0.338	-1.680	-0.470	-0.396	100503794	NA	NR_045093_15_-1
Gm12159	-0.393	-0.194	-0.422	-0.691	2.342	2.597	0.348	0.120	-3.750	-1.721	100504255	NA	NR_045100_11_-1
Patz1	-4.981	-4.981	-3.382	-2.587	-3.740	-4.313	-4.723	-4.867	-0.214	-2.249	56218	PATZ1	NR_045108_11_+1
Patz1	-4.981	-4.981	0.101	-1.680	-2.688	-3.644	-1.148	-1.908	-2.124	-3.418	56218	PATZ1	NR_045109_11_+1
Gm2027	-4.981	-2.459	-2.401	-2.358	-3.591	-3.627	-3.254	-4.961	-3.471	-3.816	100039062	NA	NR_045113_12_+1
1110028F11Rik	-4.981	-4.981	-3.841	-3.038	-1.225	-2.924	-0.220	-1.952	-4.981	-2.342	68690	NA	NR_045139_11_+1
BC051226	-0.164	-0.558	-0.245	-1.148	-1.415	-2.439	-0.038	-0.523	1.260	0.742	407803	NA	NR_045146_17_-1
Slain1os	-1.536	-2.782	-3.106	-2.797	-2.325	-1.899	-3.917	-3.061	-4.981	-4.981	70898	NA	NR_045148_14_-1
E130008D07Rik	-4.981	-4.981	-4.981	-4.981	-4.971	-4.971	-4.981	-4.981	-4.981	-3.758	545207	NA	NR_045153_17_-1
E130008D07Rik	-3.563	-4.981	-4.958	-4.435	-4.878	-4.970	-4.966	-3.040	-4.981	-2.063	545207	NA	NR_045154_17_-1
Gm7008	-2.494	-4.981	-4.642	-4.520	-3.887	-4.796	-4.306	-4.832	-3.022	-4.981	629820	NA	NR_045157_12_+1
A830009L08Rik	-3.668	-2.340	-2.458	-3.593	-3.023	-4.099	-2.295	-3.649	-2.809	-2.516	320297	NA	NR_045161_13_-1
4933431G14Rik	-4.981	-4.981	-2.779	-4.799	-4.511	-4.130	-4.306	-4.963	-3.189	-4.981	71265	NA	NR_045163_6_-1
Slc2a4rg-ps	0.431	1.781	1.064	1.460	1.571	1.927	1.451	1.646	0.441	0.891	329584	NA	NR_045164_2_+1
4933431G14Rik	-4.981	-4.981	-1.580	-2.075	-1.581	-3.365	-2.864	-3.357	-4.981	-4.981	71265	NA	NR_045165_6_-1
B4galnt1	1.527	0.408	1.929	3.297	3.582	4.879	2.767	3.389	2.531	3.826	14421	B4GALNT1	NR_045166_10_+1
2010310C07Rik	-3.090	-4.981	-4.299	-4.977	-4.967	-4.967	-4.655	-4.970	-2.946	-4.227	72131	NA	NR_045169_6_+1
Gm10336	2.273	1.343	0.794	0.211	1.907	2.198	2.080	1.511	0.982	1.661	328186	NA	NR_045170_13_-1
1700012D01Rik	-3.349	-4.981	-0.677	-1.759	-0.772	-0.365	0.088	-0.317	-0.727	-0.405	72243	NA	NR_045171_10_+1
Smc2os	-0.956	-0.342	-3.324	-2.399	-3.522	-3.343	-1.538	-3.962	-3.109	-2.539	72648	NA	NR_045175_4_-1
2810468N07Rik	2.939	3.523	-0.279	-0.453	-0.629	-0.831	0.384	1.375	0.346	1.724	72834	NA	NR_045176_17_+1
4932702P03Rik	-4.981	-4.981	-4.980	-4.980	-4.947	-4.933	-4.976	-4.979	-4.486	-4.981	73326	NA	NR_045182_13_+1
4931431B13Rik	-2.826	-1.106	-4.327	-4.952	-4.839	-4.886	-4.981	-4.981	-4.981	-4.981	70973	NA	NR_045183_7_-1
4833417C18Rik	2.456	1.318	1.484	0.823	2.151	1.579	2.534	1.554	1.274	0.976	73906	NA	NR_045187_11_+1
St18	-4.288	-4.981	-4.899	-4.783	-4.724	-4.857	-3.365	-4.873	-4.981	-4.981	240690	ST18	NR_045188_1_+1
St18	-3.854	-4.981	-4.807	-4.577	-4.305	-4.654	-3.608	-4.863	-4.981	-4.981	240690	ST18	NR_045189_1_+1
4930525G20Rik	-4.981	-4.981	-4.981	-4.981	-4.523	-4.723	-4.910	-4.867	-4.981	-4.981	320163	NA	NR_045194_13_-1
A830082K12Rik	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.954	-4.703	-4.981	-4.981	320174	NA	NR_045195_13_+1
Mira	3.725	3.192	0.101	-0.822	1.680	1.603	0.989	-1.075	-4.394	-4.981	100736249	NA	NR_045199_6_-1
AI847159	-1.433	-4.981	-2.456	-2.301	-2.597	-3.060	-4.650	-3.162	-4.981	-4.981	100048701	NA	NR_045264_2_-1
Toporsos	5.004	4.918	4.000	3.990	4.194	4.104	4.796	4.317	3.315	3.360	100504309	NA	NR_045265_4_+1
Gm15545	0.374	-0.386	-0.118	-0.451	0.166	-0.384	-0.095	-0.078	0.014	-0.022	100502630	NA	NR_045266_7_+1
2810013P06Rik	6.287	6.432	5.058	4.860	4.843	5.195	5.106	5.158	4.679	4.744	100503178	NA	NR_045268_8_+1
Sp3os	3.779	3.511	2.240	2.087	2.017	2.169	3.003	2.524	3.608	2.721	100503849	NA	NR_045269_2_+1
1700101111Rik	0.511	0.194	-1.838	-1.577	-1.004	-1.790	-1.200	-2.942	-2.192	-2.371	100504641	NA	NR_045270_6_-1
Med9os	-3.028	-4.981	-3.314	-4.945	-4.443	-4.983	-3.678	-4.934	-4.981	-4.981	100504121	NA	NR_045273_11_-1
5430437J10Rik	-1.137	-1.893	2.654	2.452	2.860	3.915	3.417	3.404	2.287	2.646	71432	NA	NR_045274_15_+1
8430429K09Rik	2.527	2.389	-0.238	0.184	0.144	0.713	0.684	0.038	0.373	-0.691	71523	NA	NR_045275_11_+1
8430429K09Rik	0.362	0.296	0.559	0.315	-0.855	-0.161	-1.808	0.675	-1.260	0.520	71523	NA	NR_045276_11_+1
Gm10433	-3.090	-4.981	-2.051	-1.706	-2.097	-1.795	-3.340	-3.301	-4.981	-3.205	100038378	NA	NR_045282_12_+1

Gm15941	-4.981	-4.981	-4.981	-4.981	-4.239	-4.915	-4.963	-4.802	-4.981	-4.981	100503538	NA	NR_045283_15_-1
1700097N02Rik	2.800	2.862	-1.376	-1.570	0.454	-0.368	-0.565	-0.599	-1.259	-1.531	67522	NA	NR_045287_17_-1
1700064M15Rik	-1.188	-2.133	-1.084	-2.824	-0.771	-3.714	-1.419	-3.321	-1.841	-3.165	73457	NA	NR_045288_12_-1
Rab26os	0.771	0.349	0.416	0.378	-0.225	0.100	0.160	-0.284	-0.529	-0.978	75614	NA	NR_045289_17_+1
4732491K20Rik	2.167	1.447	-0.515	-0.360	-3.286	-3.766	-2.390	-1.730	-0.985	-0.974	224523	NA	NR_045290_17_+1
Gm4285	1.287	1.752	1.380	1.393	0.301	0.712	0.789	1.002	1.467	1.154	100043189	NA	NR_045294_14_-1
2810029C07Rik	1.300	-0.285	1.131	0.150	1.223	0.231	-0.424	-2.006	-0.489	-3.882	100504687	NA	NR_045295_12_-1
Gm17644	2.240	2.044	3.072	2.515	3.401	2.696	2.455	1.570	1.645	1.257	329096	NA	NR_045297_1_+1
2900009J06Rik	-4.981	-4.981	-4.985	-4.420	-3.515	-4.668	-4.177	-4.269	-4.981	-4.981	100502745	NA	NR_045298_1_-1
2900076A07Rik	1.943	2.101	1.312	0.730	1.310	0.981	1.047	1.209	1.154	0.572	100504421	NA	NR_045299_7_+1
1700048M11Rik	-4.981	-4.981	-4.645	-4.740	-4.511	-4.875	-4.486	-4.726	-2.485	-4.227	100503166	NA	NR_045300_16_-1
1700102H20Rik	-4.981	-4.981	-4.945	-4.084	-4.962	-4.549	-4.346	-3.869	-4.981	-4.981	68230	NA	NR_045302_17_+1
1700102H20Rik	-1.260	-1.148	-1.794	-2.036	-2.133	-2.100	-3.384	-2.832	-3.823	-3.853	68230	NA	NR_045303_17_+1
AU040972	-3.349	-2.087	-3.377	-3.404	-4.663	-4.430	-3.639	-4.313	-1.810	-3.480	104522	NA	NR_045305_11_-1
4931403E22Rik	-3.843	-4.981	-4.416	-4.343	-3.712	-3.380	-4.612	-4.308	-2.809	-4.227	70942	NA	NR_045306_19_-1
A430088P11Rik	-3.602	-2.761	-4.768	-4.536	-4.943	-4.529	-4.889	-2.164	-4.981	-2.212	106059	NA	NR_045309_15_-1
A430088P11Rik	-0.908	-0.315	-4.504	-3.601	-4.960	-3.731	-4.204	-3.180	-2.958	-1.583	106059	NA	NR_045310_15_-1
Rptoros	-4.566	-4.331	-3.700	-4.290	-3.399	-3.603	-4.880	-4.944	-4.709	-4.902	319454	NA	NR_045312_11_-1
Rptoros	-0.584	-0.824	-1.637	-3.285	-1.132	-2.514	-0.434	-2.371	-2.196	-1.774	319454	NA	NR_045313_11_-1
9830166K06Rik	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.941	-4.914	-0.723	-4.981	402757	NA	NR_045314_19_-1
4930552P12Rik	-0.242	-2.087	-1.382	-2.935	-0.979	-1.405	-2.004	-3.704	-1.642	-2.215	77594	NA	NR_045318_19_-1
Gm19557	-2.106	-1.668	2.482	0.474	-1.049	-2.252	-1.452	-0.908	1.145	0.739	100503104	NA	NR_045322_19_+1
Gm14827	-3.843	-4.981	-4.811	-4.330	-4.506	-4.792	-4.854	-3.914	-4.981	-4.981	100503393	NA	NR_045323_X_+1
Gm19705	4.263	4.348	-4.569	-3.675	-4.395	-3.432	-2.626	-1.324	-2.678	-3.309	100503460	NA	NR_045324_1_+1
Gm19705	-0.779	-4.981	-4.420	-4.548	-3.326	-4.462	-3.110	-4.311	-2.446	-4.026	100503460	NA	NR_045325_1_+1
A330009N23Rik	-3.215	-4.981	-0.949	-1.905	-0.323	0.176	-2.029	-2.151	-4.625	-2.452	380977	NA	NR_045326_15_-1
A330009N23Rik	-3.303	-0.619	-1.941	-2.148	-0.145	-0.485	-2.032	-2.675	-1.869	-4.981	380977	NA	NR_045327_15_-1
A330009N23Rik	-0.974	0.413	-0.825	-0.544	1.177	1.158	-0.204	-1.199	-4.443	-2.553	380977	NA	NR_045328_15_-1
A330032B11Rik	-2.762	-1.273	-1.013	-1.815	-1.896	-2.885	-2.517	-2.576	-2.038	-1.997	319931	NA	NR_045329_19_+1
Mir1a-1hg	-1.670	-1.228	-3.608	-4.583	-4.880	-4.779	-4.935	-4.394	-4.981	-4.981	622283	NA	NR_045331_2_+1
E330023G01Rik	-3.843	-4.981	-2.346	-4.513	-2.759	-3.969	-4.958	-4.928	-3.134	-4.342	331011	NA	NR_045332_9_-1
2310039L15Rik	-2.652	-1.941	-2.368	-1.151	-2.244	-2.948	-2.092	-3.153	-1.817	-3.714	69629	NA	NR_045337_10_+1
5730420D15Rik	-4.981	-4.981	-4.911	-4.825	-4.730	-4.943	-4.682	-4.850	-4.981	-4.981	70523	NA	NR_045338_10_+1
5730420D15Rik	-4.981	-4.981	-4.749	-4.374	-4.202	-4.803	-4.047	-4.202	-4.981	-4.981	70523	NA	NR_045339_10_+1
5730435O14Rik	0.548	0.188	-4.981	-4.981	-2.785	-3.334	-3.703	-4.861	-4.981	-4.981	70538	NA	NR_045341_10_+1
4933411E08Rik	-4.981	-4.981	-3.200	-4.064	-4.847	-4.989	-2.485	-4.830	-4.981	-4.981	71067	NA	NR_045342_10_+1
Arhgap27os3	3.219	4.602	1.932	3.524	2.059	3.600	1.525	3.589	1.147	3.380	653030	NA	NR_045346_11_+1
4930455C13Rik	-1.638	-3.202	-2.359	-2.591	-2.877	-3.840	-2.512	-4.254	-1.686	-3.364	73990	NA	NR_045352_10_-1
4930483K19Rik	-4.981	-4.981	-4.624	-4.499	-4.878	-4.887	-4.695	-4.861	-4.981	-4.316	74953	NA	NR_045354_10_-1
C130060C02Rik	-0.783	-1.589	-4.796	-4.971	-3.179	-4.590	-3.533	-4.982	-1.992	-4.981	100502653	NA	NR_045355_19_+1
2210409D07Rik	-4.981	-4.981	-1.502	-1.711	-2.862	-3.723	-3.416	-4.789	-4.981	-4.981	70157	NA	NR_045360_18_-1
Gm6602	-4.981	-4.981	-4.975	-4.842	-4.495	-4.729	-4.575	-4.947	-4.981	-4.981	625585	NA	NR_045362_3_+1
1700024F13Rik	-4.981	-4.981	-2.722	-3.418	-0.968	-2.114	-3.176	-4.968	-4.981	-4.342	73270	NA	NR_045363_13_+1
A630012P03Rik	-4.981	-4.981	-4.696	-4.915	-4.759	-4.902	-2.148	-3.428	-2.239	-2.367	100504594	NA	NR_045367_X_+1
4933424G05Rik	-4.981	-4.981	-3.649	-4.403	-2.374	-3.804	-4.969	-4.953	-4.981	-4.981	74456	NA	NR_045372_18_+1
4930549G23Rik	-0.489	-1.059	-0.851	-1.799	-1.464	-1.662	-1.805	-2.762	-1.630	-1.244	75286	NA	NR_045376_18_-1
4930563E18Rik	-1.665	-4.981	-4.929	-4.335	-4.911	-4.430	-4.521	-3.938	-4.981	-4.981	75370	NA	NR_045379_18_+1
1700034I23Rik	-2.075	-2.262	-3.120	-2.485	-3.299	-3.515	-3.569	-3.986	-3.043	-1.324	73297	NA	NR_045380_3_-1
5830416I19Rik	-2.075	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-1.685	-4.342	74757	NA	NR_045384_5_+1
4930578E11Rik	-4.981	-4.981	-4.716	-4.934	-4.983	-4.793	-4.261	-4.967	-3.621	-4.227	78058	NA	NR_045391_18_-1
Gm10731	-4.981	-1.732	-4.033	-4.209	-4.981	-4.980	-4.970	-4.976	-3.925	-4.981	100039043	NA	NR_045392_3_-1
2010010A06Rik	-4.981	-4.981	-4.743	-4.002	-4.874	-4.263	-4.822	-4.928	-4.190	-4.981	100503117	NA	NR_045394_18_-1
A830052D11Rik	-3.843	-2.533	-1.954	-3.389	-1.778	-3.472	-0.907	-2.839	-3.373	-3.461	402767	NA	NR_045403_18_-1
4930513D17Rik	0.759	1.071	-4.981	-4.981	-4.981	-4.981	-4.965	-4.953	-4.981	-4.981	75095	NA	NR_045416_5_-1
Bvht	-3.189	-3.315	2.147	0.471	-3.943	-4.419	-1.810	-1.363	-4.981	-2.161	545261	NA	NR_045420_18_+1
2410021H03Rik	-4.981	-4.981	-4.972	-4.972	-4.822	-4.910	-4.963	-4.869	-4.981	-4.981	69750	NA	NR_045428_17_-1
Bcor	3.321	2.986	0.506	0.006	1.755	1.803	1.713	1.146	0.199	0.662	71458	BCOR	NR_045434_X_-1
2700054A10Rik	-4.107	-3.807	-4.696	-4.580	-4.680	-4.816	-4.785	-4.801	-4.204	-4.370	72578	NA	NR_045436_17_-1
2700054A10Rik	-2.228	-1.618	-3.212	-1.060	-1.597	-0.554	-2.536	-1.035	-1.585	-0.291	72578	NA	NR_045437_17_-1
Mospd4	-4.981	-4.981	-0.279	-1.498	0.817	0.567	-0.342	-1.448	-2.519	-2.124	72076	NA	NR_045438_18_-1
1700071M16Rik	-3.843	-4.981	-0.583	-1.567	1.149	1.577	1.584	1.803	3.220	3.808	73504	NA	NR_045444_17_-1
1700071M16Rik	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-3.193	-4.428	-4.981	-4.981	73504	NA	NR_045445_17_-1
Tbc1d22bos	-4.981	-4.981	-2.690	-4.445	-3.642	-4.899	-2.995	-4.419	-4.190	-3.361	74092	NA	NR_045447_17_-1
B630019K06Rik	1.382	2.645	2.597	3.382	3.653	4.248	2.894	2.368	0.753	0.850	102941	NA	NR_045448_X_+1
Gm11413	-4.981	-4.981	-2.205	-4.510	-0.851	-1.684	-0.522	-2.154	-4.981	-4.981	790913	NA	NR_045450_4_-1
4933433H22Rik	-4.981	-4.981	-4.560	-3.982	-2.177	-2.496	-0.574	-2.761	-0.602	-2.126	74473	NA	NR_045458_17_+1
1700110C19Rik	-2.948	-2.583	-4.478	-4.223	-4.763	-4.094	-4.232	-3.900	-3.491	-3.480	76634	NA	NR_045461_17_+1
1810012K16Rik	-2.842	-1.527	-3.847	-3.637	-4.975	-4.919	-4.980	-4.418	-4.981	-4.316	69108	NA	NR_045473_8_+1
1700007J10Rik	-4.981	-4.981	-3.116	-4.555	-3.547	-4.162	-3.043	-4.039	-3.242	-3.351	69320	NA	NR_045476_11_-1
1810020O05Rik	-4.981	-4.981	0.521	-0.051	-4.981	-4.981	-4.832	-4.971	-4.981	-4.342	613264	NA	NR_045482_6_-1
Tor2a	2.665	2.191	1.686	1.952	1.356	1.247	0.431	1.122	1.706	1.883	30933	TOR2A	NR_045485_2_+1
1700029N11Rik	-4.981	-4.981	-2.836	-3.829	-1.266	-2.715	-3.588	-4.968	-4.981	-3.853	69491	NA	NR_045489_13_+1
2410003L11Rik	-1.667	-4.981	-2.867	-3.872	-3.173	-4.820	-2.278	-4.230	-1.394	-3.435	69729	NA	NR_045496_11_+1
2210416O15Rik	-4.981	-4.981	-3.109	-3.723	-4.819	-4.685	-4.969	-4.901	-4.981	-4.981	70393	NA	NR_045499_11_+1

5730480H06Rik	1.143	0.898	-0.633	-1.111	-0.553	-0.381	-0.027	-1.223	-0.885	-1.808	70592	NA	NR_045500_5_+_1
4921509007Rik	-4.981	-4.981	-4.978	-4.513	-4.979	-4.946	-4.970	-4.734	-4.394	-3.855	70917	NA	NR_045501_13_-_1
4921511C10Rik	-0.859	0.233	-0.499	-0.206	-0.285	0.066	-0.924	-1.140	-0.556	-0.646	70924	NA	NR_045502_3_+_1
Dlg1	-0.478	-2.934	0.921	-0.642	0.691	-0.285	-0.030	0.649	-0.501	-0.178	13383	DLG1	NR_045516_16_+_1
Cldnd1	6.604	6.804	6.203	6.145	4.889	4.579	5.430	5.674	5.460	5.935	224250	CLDND1	NR_045517_16_+_1
Cldnd1	5.432	5.547	4.717	4.385	3.289	2.848	3.603	3.927	4.135	4.431	224250	CLDND1	NR_045518_16_+_1
Ranbp3	0.904	1.675	1.568	1.323	0.075	1.207	0.580	0.504	0.895	0.068	71810	RANBP3	NR_045519_17_+_1
Lmf1	-1.321	-2.000	-4.930	-4.050	-2.989	-2.248	-3.268	-2.934	-1.119	-2.603	76483	LMF1	NR_045520_17_+_1
Prmt1	-0.255	-1.049	-0.354	-1.144	-1.781	-1.710	-0.748	-2.126	-0.854	-1.423	15469	PRMT1	NR_045521_7_-_1
March2	-3.831	-3.603	-2.598	-3.634	-2.556	-2.073	-2.841	-4.054	-2.383	-2.551	224703	MARCH2	NR_045522_17_-_1
March2	-4.019	-0.139	-0.576	-1.178	-3.860	-2.652	-1.433	-3.615	-1.992	-2.332	224703	MARCH2	NR_045523_17_-_1
Osbsp1a	-4.625	0.339	-4.974	-4.864	-4.483	-4.235	-3.648	-4.970	-4.665	-4.975	64291	OSBPL1A	NR_045524_18_-_1
Rbbp8	-4.211	-1.055	-1.381	-4.084	-0.591	-1.630	-0.406	-1.410	-1.549	0.116	225182	RBBP8	NR_045526_18_+_1
Rbbp8	-4.819	-4.781	-2.432	-1.831	-1.947	-3.221	-1.278	-2.316	-1.807	0.155	225182	RBBP8	NR_045527_18_+_1
Klc2	-2.333	0.258	0.006	0.209	0.816	0.531	0.236	-0.864	-0.657	-0.668	16594	KLC2	NR_045528_19_-_1
Sh2d3c	1.050	0.538	1.774	1.316	1.334	2.580	1.381	1.352	3.037	2.408	27387	SH2D3C	NR_045535_2_+_1
Spns1	1.072	1.536	2.006	0.039	1.298	1.243	0.594	-1.452	1.061	1.249	73658	SPNS1	NR_045537_7_-_1
Mllt10	4.325	4.696	4.440	4.365	4.637	4.455	4.464	4.474	3.570	3.984	17354	MLLT10	NR_045538_2_+_1
Mllt10	-0.686	-0.776	-1.492	-1.467	-1.374	-1.520	-3.486	-2.256	-1.941	-4.807	17354	MLLT10	NR_045539_2_+_1
Oprl1	-4.981	-4.981	-4.826	-4.978	-4.975	-4.976	-4.960	-4.981	-4.859	-4.981	18389	OPRL1	NR_045540_2_+_1
Oprl1	-4.981	-4.981	-4.584	-4.975	-4.961	-4.976	-4.890	-4.985	-4.672	-4.981	18389	OPRL1	NR_045541_2_+_1
Oprl1	-4.981	-4.981	-4.505	-4.972	-4.953	-4.977	-4.863	-4.985	-4.624	-4.981	18389	OPRL1	NR_045542_2_+_1
Slc35c2	0.119	1.183	1.825	0.922	1.916	0.289	1.864	0.554	-0.563	-1.324	228875	SLC35C2	NR_045544_2_-_1
Zfp410	-0.178	-0.125	-2.842	-0.091	-0.476	-0.296	-0.073	0.759	-1.048	0.025	52708	ZNF410	NR_045546_12_+_1
Fut8	1.219	2.241	2.383	2.737	2.289	2.172	1.927	1.894	2.976	3.110	53618	FUT8	NR_045541_12_+_1
Cdh23	-3.472	-3.332	-3.896	-4.080	-4.079	-4.725	-3.556	-3.541	-0.801	-4.008	22295	CDH23	NR_045556_10_-_1
Ccdc77	-0.238	1.043	-1.220	-0.642	-0.535	-0.341	-0.109	-0.438	-0.580	-0.495	67200	CCDC77	NR_045558_6_-_1
Csf3r	-3.937	-4.756	-4.840	-2.281	0.033	-1.539	1.600	2.998	5.004	4.750	12986	CSF3R	NR_045561_4_+_1
Fam214b	1.373	1.437	-0.679	0.903	-1.012	-0.545	0.299	-1.765	-0.364	-2.961	230088	FAM214B	NR_045567_4_-_1
B4galt2	-4.981	-4.981	-4.758	-4.966	-4.854	-4.936	-4.947	-4.885	-4.772	-4.981	53418	B4GALT2	NR_045570_4_-_1
Ubxn11	-0.986	-4.712	-4.877	-4.919	-2.394	-3.200	-4.653	-3.988	-1.499	-4.773	67586	UBXN11	NR_045571_4_+_1
Mtfr1	-4.606	-4.443	-4.584	-3.673	-3.205	-4.888	-4.549	-4.935	-4.475	-4.850	67472	MTFR1	NR_045575_3_+_1
Plk4	-2.559	-0.167	1.213	0.765	-1.778	-0.704	-0.372	-1.602	-0.222	-0.395	20873	PLK4	NR_045576_3_+_1
St7l	3.079	2.824	2.448	2.390	2.299	1.405	2.290	2.631	2.657	2.242	229681	ST7L	NR_045578_3_+_1
Slc12a4	-0.875	-2.657	0.211	0.824	-0.196	-1.219	-0.234	-3.280	0.764	0.495	20498	SLC12A4	NR_045594_8_-_1
Gm15706	3.268	3.206	1.457	0.855	2.214	2.709	1.640	1.712	1.642	1.569	100039495	NA	NR_045598_6_+_1
Elp3	-1.535	-4.316	-2.165	-1.448	-0.914	-3.709	-4.857	-2.191	-4.797	-4.883	74195	ELP3	NR_045599_14_-_1
Alg9	0.553	1.554	0.695	1.721	0.860	-0.503	1.901	0.304	2.046	2.067	102580	ALG9	NR_045601_9_+_1
Tmem205	-4.981	-4.981	-4.016	-4.933	-4.456	-4.496	-4.981	-4.981	-3.707	-4.981	235043	TMEM205	NR_045606_9_-_1
Mtf2	0.564	0.151	1.196	1.010	1.608	1.778	1.500	1.659	0.963	1.805	17765	MTF2	NR_045608_5_+_1
Irf3	3.898	3.524	3.844	3.329	3.975	4.017	4.027	3.699	3.139	3.093	54131	IRF3	NR_045611_7_+_1
4930413G21Rik	4.102	4.159	2.203	1.985	2.340	2.525	2.260	2.012	1.568	1.332	73951	NA	NR_045614_7_-_1
Zfp410	-1.194	-0.722	-1.840	-1.865	-1.169	-1.621	-0.473	-1.945	-0.437	-0.374	52708	ZNF410	NR_045615_12_+_1
1700011B04Rik	-4.981	-4.981	-3.376	-4.987	0.002	1.243	-2.602	-3.308	-3.823	-3.510	100503727	NA	NR_045616_13_+_1
Gm9958	2.425	0.688	0.354	-1.032	0.124	-0.895	-0.624	-1.111	0.079	-0.701	791294	NA	NR_045618_5_+_1
Gm9776	1.261	-0.123	0.794	1.163	0.742	0.183	1.105	0.569	1.083	0.661	328309	NA	NR_045619_13_-_1
1700120C14Rik	-1.340	-0.685	-1.137	-2.015	-1.827	-2.465	-2.289	-3.097	-1.916	-2.054	73600	NA	NR_045627_15_+_1
Gm20199	3.189	3.529	3.661	3.550	3.962	3.944	3.361	3.034	3.129	3.582	100504377	NA	NR_045640_9_-_1
F630111L10Rik	6.695	6.834	6.550	6.429	-3.804	-1.424	0.891	2.441	-1.634	-3.816	320463	NA	NR_045641_3_-_1
Tk2	3.607	3.548	3.920	3.559	3.749	3.865	3.351	3.893	3.671	3.429	57813	TK2	NR_045642_8_-_1
5930403L14Rik	-4.981	-4.981	-4.981	-4.981	-2.973	0.164	-2.433	-1.255	-4.981	-4.981	320939	NA	NR_045643_4_-_1
BC037704	2.413	3.079	1.562	2.377	1.424	3.031	1.417	2.416	1.031	2.001	100502982	NA	NR_045645_19_+_1
4933432I03Rik	-3.563	-4.981	-4.616	-3.876	-4.516	-4.270	-3.850	-4.825	-2.605	-3.386	71264	NA	NR_045657_14_-_1
Gm5124	1.185	1.792	-1.448	-3.968	-1.982	-0.981	-3.450	-3.878	-4.981	-4.981	331392	NA	NR_045668_X_+_1
Rasgrp4	0.911	1.811	1.179	0.840	1.143	1.186	-0.020	-1.504	1.020	2.390	233046	RASGRP4	NR_045676_7_+_1
Gm16062	1.139	0.734	0.136	-0.154	-0.132	-0.071	1.498	0.879	0.676	0.366	100504104	NA	NR_045686_11_+_1
Gm9895	-3.099	-1.478	-0.592	0.176	-0.133	0.369	-0.237	-0.296	-0.594	-0.548	100503337	NA	NR_045687_19_+_1
Hsf4	-4.981	-4.981	-4.540	-4.903	-4.175	-4.955	-4.305	-4.227	-4.532	-3.902	26386	HSF4	NR_045689_8_+_1
Oxsr1	-2.176	0.374	-0.178	-1.388	-1.381	-0.422	0.438	-0.437	-1.477	-0.169	108737	OXSR1	NR_045693_9_-_1
Gm21057	-3.028	-0.807	-3.524	-3.848	-3.395	-3.970	-3.667	-4.619	-4.981	-3.797	100859962	NA	NR_045695_7_-_1
9330133O14Rik	5.257	4.700	3.823	3.869	4.519	4.673	4.251	4.019	3.901	3.952	100689703	NA	NR_045696_8_+_1
1700028E10Rik	-0.802	0.664	-1.911	-1.494	-0.977	-2.014	-0.848	-0.684	-1.317	-0.044	625175	NA	NR_045699_5_+_1
1700028E10Rik	-0.796	-4.981	-3.363	-3.112	-2.010	-4.123	-2.194	-3.758	-1.318	-4.774	625175	NA	NR_045700_5_+_1
C330013E15Rik	1.858	1.490	0.094	-0.061	0.291	-0.172	-0.232	-0.195	-0.203	-0.237	78445	NA	NR_045701_15_-_1
1700105P06Rik	-3.090	-4.981	-3.106	-4.152	-4.417	-4.533	-4.970	-3.897	-4.981	-4.316	654802	NA	NR_045703_19_+_1
Gm7457	-4.981	-3.267	-4.374	-4.956	-3.275	-4.057	-4.970	-4.978	-4.981	-4.981	665037	NA	NR_045707_6_+_1
Gm11944	-3.682	-3.315	-3.333	-3.377	-2.679	-3.805	-4.221	-3.778	-2.727	-3.461	100302648	NA	NR_045708_11_+_1
1700007L15Rik	3.992	3.130	2.281	2.006	1.922	2.231	1.447	1.056	0.733	-0.121	100502742	NA	NR_045709_16_-_1
Gm9833	-4.981	-3.074	-4.967	-2.511	-4.290	-4.292	-3.197	-4.565	-3.013	-4.941	100041480	NA	NR_045710_3_+_1
F420014N23Rik	-1.465	-3.921	-2.411	-4.788	-3.547	-4.880	-4.744	-3.869	-4.629	-4.857	100038591	NA	NR_045715_10_+_1
F420014N23Rik	-2.047	0.420	-0.941	-1.168	-0.617	-1.449	-1.819	-2.789	-2.406	-1.597	100038591	NA	NR_045716_10_+_1
Fam219aos	-4.981	-4.981	-3.496	-4.581	-4.651	-4.996	-4.580	-4.898	-3.531	-2.867	76992	NA	NR_045726_4_+_1
Gm16617	-4.981	-4.981	0.427	1.952	-0.570	0.209	-1.791	-0.305	-4.981	-4.981	100502764	NA	NR_045728_14_-_1
Nron	-1.271	-2.437	-1.478	-3.138	-1.059	-2.912	-2.797	-3.085	-3.925	-4.981	320482	NA	NR_045729_2_+_1

4930509E16Rik	-0.743	-2.239	-4.258	-3.766	-2.260	-2.708	-2.415	-3.960	-2.086	-4.981	75115	NA	NR_045735_9_-1
8030423F21Rik	-3.843	-4.981	-4.403	-4.958	-4.185	-4.883	-4.536	-4.970	-4.981	-4.981	211001	NA	NR_045738_5_-1
A630020A06	-1.475	-1.489	-2.321	-1.088	-3.523	-2.045	-4.960	-1.610	-4.981	-0.766	328489	NA	NR_045740_15_+1
Gm10432	-3.679	-3.206	0.938	-0.282	-1.711	-1.469	-2.490	-1.470	-3.325	-2.900	100038713	NA	NR_045741_12_+1
Gm16853	-2.185	-1.523	-2.743	-3.680	-2.926	-3.711	-3.351	-3.606	-3.531	-4.981	330902	NA	NR_045742_9_-1
Gm10865	-3.243	-2.997	-2.262	-3.992	-3.878	-4.238	-4.057	-3.689	-2.342	-3.288	100038602	NA	NR_045746_15_-1
Mirt2	-4.981	-4.981	-4.294	-2.511	-4.821	-0.844	-2.407	-0.385	-2.226	-1.445	100038659	NA	NR_045747_15_-1
Gm19710	-0.778	-2.468	-1.948	-1.726	-1.002	-0.716	-1.123	-2.376	-2.685	-1.908	100503469	NA	NR_045749_3_+1
Gm16675	0.715	0.133	1.012	1.277	0.127	-0.481	0.817	0.859	2.259	1.381	100503498	NA	NR_045750_8_-1
4930470H14Rik	2.529	3.031	3.084	3.572	3.475	3.726	2.613	2.829	2.117	2.447	75815	NA	NR_045764_17_-1
A530072M11Rik	1.480	1.008	-0.874	-1.663	0.765	0.863	0.286	-1.381	-0.469	-0.242	100415915	NA	NR_045765_4_+1
Gm10509	2.955	2.588	1.771	2.061	2.096	1.707	2.140	2.037	3.084	3.557	100310809	NA	NR_045766_17_+1
Gm15350	-3.668	-4.981	-4.001	-2.892	-4.292	-4.301	-4.138	-4.571	-4.981	-3.566	100504249	NA	NR_045775_8_-1
9530080011Rik	-1.568	-0.972	-2.443	-2.938	-2.965	-3.739	-4.952	-4.370	-4.981	-4.981	319247	NA	NR_045776_4_-1
9530080011Rik	-4.981	-4.981	-4.957	-4.365	-4.673	-4.718	-4.981	-4.981	-4.981	-4.981	319247	NA	NR_045777_4_-1
Ubl4a	0.078	0.057	-0.854	-0.838	-0.772	-1.507	-1.465	-1.635	-2.144	-4.955	27643	UBL4A	NR_045779_X_-1
Zfp652oa	-1.277	-2.437	-1.411	-2.196	-2.038	-3.617	-1.412	-2.726	0.616	-0.209	432396	NA	NR_045780_11_-1
I730030J21Rik	0.099	1.359	-1.079	-1.568	1.325	0.915	0.680	0.479	-2.507	-2.036	619313	NA	NR_045781_15_-1
I730030J21Rik	1.671	1.443	-1.895	-1.435	1.435	1.247	1.127	0.714	-2.264	-1.476	619313	NA	NR_045782_15_-1
Gm10814	-3.090	-1.751	-1.898	-3.522	-4.108	-3.804	-3.074	-3.962	-4.231	-2.963	100502985	NA	NR_045783_19_+1
Gm10390	-4.981	-1.601	-4.228	-4.560	-2.836	-3.713	-4.732	-4.384	-2.669	-2.859	100503427	NA	NR_045793_5_-1
Gm16907	-0.043	0.396	-0.182	-1.507	-0.241	-0.249	-1.031	-0.697	0.767	0.591	100504114	NA	NR_045794_13_-1
Gm16702	0.367	0.815	1.638	1.140	1.526	1.237	1.258	1.314	1.024	0.374	100504601	NA	NR_045795_17_-1
1810034E14Rik	6.329	4.955	1.191	0.291	0.723	-0.088	1.174	0.743	2.702	1.599	66503	NA	NR_045798_13_+1
4930417O22Rik	-4.981	-4.981	-4.959	-4.520	-4.796	-4.960	-4.981	-4.981	-4.981	-4.981	73887	NA	NR_045800_11_+1
4931431C16Rik	2.162	2.363	2.821	3.065	1.470	1.396	1.764	2.020	2.254	1.844	74364	NA	NR_045807_5_-1
D17Ert648e	-4.981	-4.981	-2.986	-4.248	-4.363	-4.428	-4.366	-4.853	-2.764	-3.797	52027	NA	NR_045808_17_-1
4933408J17Rik	-3.698	-4.981	-4.651	-4.998	-3.482	-4.769	-2.975	-4.555	-1.773	-4.981	74454	NA	NR_045810_10_+1
4930599N23Rik	-4.981	-4.981	-0.263	-0.657	-0.925	-1.789	-0.497	-1.809	-0.331	-1.270	75379	NA	NR_045813_6_+1
A930024E05Rik	1.002	1.447	0.256	-0.349	0.498	0.103	-0.214	-0.871	-1.052	-2.426	109202	NA	NR_045820_5_+1
6330418K02Rik	2.279	1.939	0.937	0.432	2.705	2.865	2.516	1.787	2.068	1.748	69004	NA	NR_045821_5_+1
Gm4890	2.061	1.061	0.726	-0.407	0.859	0.567	0.755	-0.377	-0.067	-1.239	234479	NA	NR_045822_8_+1
Gm4890	-3.249	-4.708	-4.911	-3.923	-4.227	-4.981	-4.006	-4.887	-4.981	-4.968	234479	NA	NR_045823_8_+1
Alkhh3os1	-4.981	-2.336	-2.334	-4.199	-3.227	-4.134	-2.084	-3.823	-2.720	-3.166	70852	NA	NR_045827_2_+1
492151117Rik	-4.981	-4.981	-1.709	-3.143	-0.221	-0.851	-2.301	-3.029	-0.892	-1.072	70858	NA	NR_045829_12_-1
4933408N05Rik	-4.981	-4.981	-4.789	-4.566	-4.360	-4.668	-4.071	-4.968	-4.981	-4.981	71122	NA	NR_045831_8_-1
A430090L17Rik	-2.205	-2.883	-2.515	-2.486	-1.954	-2.651	-2.229	-3.625	-1.204	-0.738	319803	NA	NR_045836_13_-1
9130227L01Rik	-4.981	-4.981	-3.363	-4.185	-3.330	-3.681	-3.790	-1.577	-4.981	-3.853	329159	NA	NR_045837_1_+1
A730036I17Rik	-4.981	-3.315	-4.973	-2.874	-3.175	-2.507	-2.992	-3.743	-4.981	-3.386	329513	NA	NR_045838_2_+1
4933416M07Rik	-4.981	-4.981	0.868	0.534	0.000	-0.328	-0.873	-1.559	-1.001	-1.159	71082	NA	NR_045840_8_+1
Gm5547	7.893	7.330	3.487	2.385	6.308	5.266	5.998	4.763	3.197	3.000	433637	NA	NR_045845_3_+1
D930028M14Rik	-4.778	-4.772	-4.918	-4.954	-4.952	-4.976	-4.763	-4.947	-4.699	-4.910	434147	NA	NR_045847_7_+1
D930028M14Rik	-2.013	-2.895	-3.641	-2.764	-3.043	-1.298	0.124	0.105	1.656	0.921	434147	NA	NR_045848_7_+1
4933417D19Rik	-2.126	-2.126	-2.798	-3.051	-4.342	-3.534	-3.851	-3.647	-0.976	-2.923	71186	NA	NR_045849_8_+1
4933433G19Rik	-4.981	-4.981	-4.751	-4.818	-4.533	-4.706	-4.370	-4.845	-4.981	-4.981	71226	NA	NR_045851_13_-1
Gm14634	-0.658	-0.440	-2.078	-1.504	-1.099	-0.653	-2.193	-2.003	-2.078	-1.668	552913	NA	NR_045852_X_+1
5430427M07Rik	-4.981	-4.981	-4.944	-4.944	-4.990	-4.701	-4.514	-4.935	-3.738	-4.981	71349	NA	NR_045858_12_+1
Gm6313	-3.189	-3.267	-4.992	-4.260	-4.569	-4.945	-4.968	-4.975	-3.603	-4.316	622319	NA	NR_045867_6_-1
4930428O21Rik	-4.981	-4.981	-4.716	-2.735	-2.580	-4.710	-4.967	-4.596	-4.981	-4.981	654809	NA	NR_045871_5_-1
Gm9054	1.515	3.451	1.109	2.777	-0.166	1.750	-0.949	1.490	-1.552	0.924	668224	NA	NR_045872_3_+1
Gm11201	-4.981	-4.981	-3.196	-3.223	-1.270	-2.397	-1.477	-3.069	-0.922	-1.279	790910	NA	NR_045873_11_+1
Gm15413	-1.949	-0.945	-4.258	-4.950	-4.941	-4.811	-4.971	-4.805	-4.981	-4.981	791381	NA	NR_045874_7_-1
Bcas3os1	-4.981	-1.773	-2.307	-2.882	-3.127	-2.910	-2.320	-3.335	-2.953	-3.527	71489	NA	NR_045875_11_-1
F630206G17Rik	1.339	1.575	-2.166	-2.459	-1.902	-2.834	-1.004	-2.295	-2.390	-1.977	100009664	NA	NR_045876_11_+1
9030404E10Rik	-2.620	-1.347	-2.966	-3.672	-2.255	-3.771	-0.940	-2.391	-1.031	-2.225	71528	NA	NR_045878_16_-1
Gm15612	-1.681	-4.981	-4.959	-3.380	-4.744	-4.368	-4.413	-4.071	-4.981	-2.993	100038356	NA	NR_045880_6_+1
Dnmt3aos	-0.907	-4.981	-1.990	-2.968	-0.160	-0.796	-0.557	-2.840	-3.322	-4.981	100038522	NA	NR_045884_12_-1
Gm10658	-1.399	0.162	-1.436	-2.551	-1.240	-1.018	-2.185	-2.451	-2.394	-1.654	100038566	NA	NR_045886_9_-1
3200001D21Rik	-1.254	-0.027	-0.989	-1.587	-0.986	-2.741	-1.789	-2.507	-2.078	-2.383	71818	NA	NR_045888_12_-1
Gm10791	-0.847	-4.981	-1.589	-0.900	-0.561	-1.992	-1.219	-1.882	-1.939	-1.003	100038614	NA	NR_045889_16_+1
Snhg15	4.890	5.083	4.556	4.479	6.273	5.718	6.027	5.214	3.789	3.095	100041286	NA	NR_045893_11_-1
Gm13446	-4.981	-4.981	-4.981	-4.981	-4.979	-4.728	-4.981	-4.981	-4.981	-4.981	100042194	NA	NR_045894_2_-1
Gm13546	-2.606	1.974	-0.634	0.665	-0.914	0.693	-1.955	-0.815	-3.454	-0.313	100042926	NA	NR_045895_2_+1
Gm13546	-1.112	0.641	-0.600	-1.150	-0.950	-1.739	-1.308	-1.722	-4.704	-1.282	100042926	NA	NR_045896_2_+1
Gm13031	2.368	0.184	-2.442	-4.568	-4.975	-4.975	-3.184	-4.399	-3.568	-2.769	100126227	NA	NR_045911_4_-1
Frs3os	-4.981	-4.981	-4.941	-4.971	-4.884	-4.975	-4.939	-4.977	-4.981	-4.630	100126242	NA	NR_045912_17_-1
Frs3os	-4.981	-4.981	-4.532	-4.806	-3.601	-4.167	-4.532	-4.853	-4.981	-3.710	100126242	NA	NR_045913_17_-1
Ino8odos	-1.091	-1.584	-1.240	-1.764	-1.987	-1.997	0.465	-0.803	-0.076	-0.189	100380944	NA	NR_045914_1_+1
Ino8odos	-2.516	-0.755	-2.234	-1.532	-1.996	-3.635	-1.350	-1.509	0.138	-0.537	100380944	NA	NR_045915_1_+1
9530027J09Rik	-1.083	-2.469	-3.072	-3.627	-2.099	-1.897	-2.067	-1.866	-1.136	-1.574	100500713	NA	NR_045916_X_-1
1700054M17Rik	-3.349	-4.981	-2.288	-3.709	-4.910	-3.962	-4.177	-4.824	-4.981	-4.981	73358	NA	NR_045919_2_+1
Slfn5os	-4.981	-4.981	-4.970	-4.970	-4.953	-4.953	-4.970	-4.976	-4.981	-4.981	76392	NA	NR_045932_11_-1
Gm4827	-2.134	-4.981	-1.122	-0.834	0.855	2.170	-0.124	-0.527	-2.792	-3.816	224180	NA	NR_045935_16_-1
Gm13032	2.929	0.988	-4.423	-2.180	-3.727	-4.635	-4.016	-4.710	-4.394	-4.981	100049161	NA	NR_045944_4_+1

Tomm6os	-0.904	-1.593	-0.967	-1.229	-0.900	-0.582	-1.072	-1.367	-0.163	-1.311	100415787	NA	NR_045945_17_+_1
Scep1os	-4.981	-3.092	-4.287	-4.643	-4.180	-4.573	-3.479	-4.046	-4.981	-4.981	73921	NA	NR_045955_11_+_1
4930447J18Rik	-1.778	-3.315	-4.981	-4.981	-4.928	-4.978	-3.981	-4.981	-3.738	-4.981	73961	NA	NR_045959_14_+_1
Gm1976	-4.083	-3.553	-4.408	-4.713	-4.731	-4.928	-4.713	-4.824	-4.848	-4.677	100038746	NA	NR_045963_17_-_1
Gm1976	1.947	-0.343	0.189	-1.624	-0.109	-2.471	0.357	-1.992	0.232	-3.785	100038746	NA	NR_045964_17_-_1
A730085K08Rik	-4.981	-4.981	-4.959	-4.767	-4.973	-4.667	-4.981	-4.981	-3.823	-3.855	654800	NA	NR_045967_9_-_1
Gm16938	0.625	1.310	-0.973	-2.002	-3.405	-4.925	-4.577	-3.190	-2.160	-4.887	330599	NA	NR_045969_7_+_1
Gm16938	0.055	-1.227	-2.801	-3.597	-4.742	-4.911	-4.824	-4.838	-4.254	-1.755	330599	NA	NR_045970_7_+_1
Gm16938	1.062	0.857	-3.502	-2.080	-4.305	-4.878	-3.358	-3.307	-1.970	-4.861	330599	NA	NR_045971_7_+_1
Gm16938	-2.682	-0.443	-3.905	-1.525	-2.428	-3.290	-3.999	-2.845	-1.487	-4.454	330599	NA	NR_045972_7_+_1
4930528D03Rik	-4.981	-4.981	-4.092	-4.582	-3.922	-4.639	-3.667	-4.758	-3.088	-4.981	75223	NA	NR_045977_13_+_1
4930471M09Rik	-3.843	-2.353	-4.799	-4.602	-4.956	-4.613	-4.920	-4.680	-4.981	-4.981	75787	NA	NR_045980_6_-_1
9430018G01Rik	-3.349	-4.981	-4.197	-4.292	-3.973	-4.121	-4.890	-3.710	-3.351	-4.342	319812	NA	NR_045988_6_+_1
4930578M01Rik	-2.842	-2.616	-2.784	-3.428	-2.449	-3.973	-1.901	-3.015	-3.471	-3.210	75951	NA	NR_045991_15_+_1
Tmem150cos	-4.981	-4.981	-3.929	-4.790	-4.483	-4.546	-4.967	-4.974	-4.981	-4.981	76003	NA	NR_045993_5_+_1
1110019D14Rik	0.010	0.622	1.168	1.484	0.965	1.261	1.558	1.363	0.841	1.609	76311	NA	NR_045995_6_+_1
1700113A16Rik	4.336	4.178	2.709	2.488	3.016	2.725	3.479	2.840	2.983	2.718	76642	NA	NR_045997_3_-_1
9130221H12Rik	1.070	0.748	0.226	0.420	1.485	0.582	1.511	0.199	1.517	0.908	77124	NA	NR_046001_7_+_1
4933406J10Rik	-4.981	2.885	-3.552	-4.469	-3.802	-4.520	-3.235	-4.754	-3.738	-4.981	77800	NA	NR_046004_7_-_1
2310010J17Rik	-1.863	-4.981	-2.287	-4.231	-2.438	-3.962	-2.629	-2.951	-2.537	-2.028	78329	NA	NR_046006_7_-_1
2310010J17Rik	1.846	1.669	1.082	0.069	0.906	0.609	0.695	-0.065	-0.039	-0.541	78329	NA	NR_046007_7_-_1
Particl	2.897	2.143	2.956	2.467	2.496	1.825	2.658	2.052	2.666	1.983	78108	NA	NR_046011_6_+_1
Gm1720	-4.981	-4.981	-2.083	-2.111	-0.809	-1.210	1.747	1.305	-4.981	-4.981	382255	NA	NR_046015_X_+_1
9530052E02Rik	-4.981	-4.981	-4.978	-3.872	-2.698	-4.558	-4.727	-4.575	-4.981	-4.981	619321	NA	NR_046017_8_+_1
2700070H01Rik	-4.981	-3.204	-2.809	-4.104	-2.087	-2.858	-3.112	-4.421	-3.644	-4.316	72609	NA	NR_046019_14_+_1
Gm6416	-4.981	-4.981	-2.560	-3.086	-3.802	-4.859	-4.970	-4.609	-4.394	-4.981	623312	NA	NR_046023_13_+_1
Gm15713	0.265	0.099	-1.413	-1.906	-2.662	-3.549	-2.404	-4.773	-2.390	-4.981	626693	NA	NR_046026_16_-_1
Slc36a1os	-4.981	-4.981	-2.490	-2.476	-3.079	-4.151	-4.416	-4.446	-3.491	-3.095	74045	NA	NR_046034_11_-_1
Gm13710	0.788	0.182	2.836	3.621	0.313	1.260	0.958	2.568	-1.466	-0.528	672763	NA	NR_046046_2_-_1
Gm10677	-4.981	1.315	1.772	1.152	-4.958	-3.446	-2.513	-2.352	-4.981	-4.981	100038460	NA	NR_046048_9_-_1
4931430N09Rik	-4.981	-4.981	-4.972	-4.972	-4.889	-4.606	-4.981	-4.981	-4.981	-4.981	74363	NA	NR_046053_6_+_1
Gm10640	-3.668	-4.981	-4.103	-4.946	-3.886	-4.950	-4.428	-4.523	-4.981	-4.981	100038516	NA	NR_046062_7_+_1
Gm12409	0.936	1.590	-4.679	-4.298	-3.757	-4.713	-3.926	-3.237	-1.905	-1.759	100040567	NA	NR_046068_4_-_1
Gm2848	-1.245	0.585	-1.248	-1.977	-0.386	0.793	-0.450	0.384	-0.576	0.181	100040572	NA	NR_046069_13_-_1
Gm25018	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861480	NA	NR_046127_8_-_1
Gm25018	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861480	NA	NR_046127_dup1_8_-_1
Gm25018	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861480	NA	NR_046127_dup2_8_-_1
Gm25018	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861480	NA	NR_046127_dup3_8_-_1
Gm25018	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861480	NA	NR_046127_dup4_8_-_1
Gm25018	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861480	NA	NR_046127_dup5_8_-_1
Gm25018	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861480	NA	NR_046127_dup6_8_-_1
Gm25018	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861480	NA	NR_046127_dup7_8_-_1
Gm25018	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861480	NA	NR_046127_dup8_8_-_1
Gm25018	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861480	NA	NR_046127_dup9_8_-_1
Gm26391	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861488	NA	NR_046140_8_-_1
Gm26391	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861488	NA	NR_046140_dup1_8_-_1
Gm26391	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861488	NA	NR_046140_dup2_8_-_1
Gm26391	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861488	NA	NR_046140_dup3_8_-_1
Gm26391	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861488	NA	NR_046140_dup4_8_-_1
Gm26391	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861488	NA	NR_046140_dup5_8_-_1
Gm26391	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861488	NA	NR_046140_dup6_8_-_1
Gm26391	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861488	NA	NR_046140_dup7_8_-_1
Gm26391	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861488	NA	NR_046140_dup8_8_-_1
Gm26391	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861488	NA	NR_046140_dup9_8_-_1
Gm22109	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861494	NA	NR_046147_8_-_1
Gm22109	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861494	NA	NR_046147_dup1_8_-_1
Gm22109	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861494	NA	NR_046147_dup2_8_-_1
Gm22109	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861494	NA	NR_046147_dup3_8_-_1
Gm22109	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861494	NA	NR_046147_dup4_8_-_1
Gm22109	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861494	NA	NR_046147_dup5_8_-_1
Gm22109	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861494	NA	NR_046147_dup6_8_-_1
Gm22109	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861494	NA	NR_046147_dup7_8_-_1
Gm22109	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861494	NA	NR_046147_dup8_8_-_1
Gm22109	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861494	NA	NR_046147_dup9_8_-_1
Gm25212	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861499	NA	NR_046152_8_-_1
Gm25212	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861499	NA	NR_046152_dup1_8_-_1
Gm25212	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861499	NA	NR_046152_dup2_8_-_1
Gm25212	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861499	NA	NR_046152_dup3_8_-_1
Gm25212	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861499	NA	NR_046152_dup4_8_-_1
Gm25212	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861499	NA	NR_046152_dup5_8_-_1
Gm25212	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861499	NA	NR_046152_dup6_8_-_1
Gm25212	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861499	NA	NR_046152_dup7_8_-_1
Gm25212	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861499	NA	NR_046152_dup8_8_-_1
Gm25212	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861499	NA	NR_046152_dup9_8_-_1

Gm22291	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861501	NA	NR_046154_8_-1
Gm22291	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861501	NA	NR_046154_dup1_8_-1
Gm22291	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861501	NA	NR_046154_dup2_8_-1
Gm22291	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861501	NA	NR_046154_dup3_8_-1
Gm22291	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861501	NA	NR_046154_dup4_8_-1
Gm22291	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861501	NA	NR_046154_dup5_8_-1
Gm22291	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861501	NA	NR_046154_dup6_8_-1
Gm22291	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861501	NA	NR_046154_dup7_8_-1
Gm22291	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861501	NA	NR_046154_dup8_8_-1
Gm22291	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861501	NA	NR_046154_dup9_8_-1
Gm23284	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861502	NA	NR_046155_8_-1
Gm23284	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861502	NA	NR_046155_dup1_8_-1
Gm23284	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861502	NA	NR_046155_dup2_8_-1
Gm23284	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861502	NA	NR_046155_dup3_8_-1
Gm23284	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861502	NA	NR_046155_dup4_8_-1
Gm23284	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861502	NA	NR_046155_dup5_8_-1
Gm23284	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861502	NA	NR_046155_dup6_8_-1
Gm23284	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861502	NA	NR_046155_dup7_8_-1
Gm23284	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861502	NA	NR_046155_dup8_8_-1
Gm23284	-3.795	-3.065	-3.872	-4.289	-4.402	-4.738	-3.934	-4.626	-4.205	-4.239	100861502	NA	NR_046155_dup9_8_-1
Gm5086	7.072	6.771	-0.693	-0.675	5.282	5.726	4.670	4.566	2.281	3.543	328314	NA	NR_046157_13_+1
Gm5091	-3.563	-1.446	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	328747	NA	NR_046164_17_-1
Gm15850	-3.936	-4.981	-4.980	-4.980	-4.641	-4.936	-4.296	-4.932	-4.981	-4.981	329253	NA	NR_046167_1_-1
Gm15850	-3.376	-4.981	-4.980	-4.980	-4.525	-4.809	-4.052	-4.921	-4.981	-4.981	329253	NA	NR_046168_1_-1
C230024C17Rik	-4.981	-4.981	-4.959	-4.959	-4.959	-4.343	-4.952	-4.981	-4.981	-4.981	329271	NA	NR_046171_1_-1
9130221F21Rik	-4.981	-4.981	-4.949	-4.949	-4.412	-4.562	-4.341	-4.935	-4.981	-4.981	330350	NA	NR_046180_6_-1
A630019I02Rik	1.255	1.435	-4.977	-4.684	-0.259	-0.295	-2.776	-3.352	-4.981	-4.981	408254	NA	NR_046182_13_+1
BC051537	-3.529	-4.981	-4.232	-2.998	-3.088	-4.219	-3.659	-4.486	-4.981	-4.981	414076	NA	NR_046183_17_-1
4930447K03Rik	1.336	1.237	-0.434	-0.938	0.097	0.153	-1.641	-1.938	-2.480	-2.557	432745	NA	NR_046184_13_-1
Bcas3os2	-4.981	-4.981	-4.981	-4.981	-4.923	-4.960	-4.883	-4.978	-4.981	-4.981	78420	NA	NR_046194_11_-1
A930041C12Rik	-1.021	-0.832	-3.571	-4.982	-4.380	-2.491	-3.611	-3.500	-4.981	-4.981	78443	NA	NR_046195_5_-1
Gm16973	1.829	2.158	2.376	1.815	1.919	0.044	1.085	0.697	2.234	1.723	100503823	NA	NR_046209_14_-1
Gm16973	-0.370	1.141	0.528	-0.310	1.174	1.132	0.341	0.396	-2.120	0.704	100503823	NA	NR_046210_14_-1
Rn45s	3.735	3.905	5.701	5.754	5.196	5.664	4.550	5.024	4.917	5.217	100861531	NA	NR_046233_17_+1
4930479D17Rik	-3.843	-2.353	-4.694	-5.017	-3.051	-4.532	-3.940	-4.217	-2.898	-4.981	74925	NA	NR_046209_14_-1
Zfp672	2.162	1.890	1.796	0.483	1.344	0.322	1.640	-0.034	1.467	-0.108	319475	ZNF672	NR_046280_11_-1
4930502E09Rik	-2.573	-3.267	-3.984	-4.359	-3.539	-4.582	-3.464	-3.995	-4.394	-4.981	74995	NA	NR_046281_11_+1
H2-T10	0.583	-3.867	-0.218	-0.839	-2.235	-3.215	-2.198	-1.856	1.138	0.435	15024	NA	NR_046286_17_-1
Tcp10a	-4.981	-4.981	-4.944	-4.957	-4.974	-4.972	-4.981	-4.981	-4.931	21461	NA	NR_046291_17_+1	
Map1lc3a	-2.583	-4.981	-4.972	-3.118	-3.051	-4.289	-3.152	-4.809	-1.202	-2.035	66734	MAP1LC3A	NR_046364_2_+1
H2-Q5	1.708	0.724	1.782	1.277	1.972	1.154	1.445	1.031	1.508	0.533	15016	NA	NR_051981_17_+1
Ankzf1	2.106	1.204	2.162	0.269	2.033	1.139	2.108	1.201	2.805	1.988	52231	ANKZF1	NR_051998_1_+1
Ankzf1	-0.512	-1.365	0.775	-1.499	-0.004	-0.406	0.029	-0.357	0.372	0.366	52231	ANKZF1	NR_051999_1_+1
Fuk	-3.905	-2.707	-1.029	-0.817	-1.238	-1.139	-1.473	-0.551	0.761	0.824	234730	FUK	NR_052009_8_-1
Gpr19	0.771	0.714	-0.449	-1.093	0.373	-0.904	-0.781	-0.381	0.385	-0.769	14760	GPR19	NR_072990_6_-1
4930431F12Rik	-4.981	-2.883	-3.308	-3.828	-4.291	-4.749	-4.474	-4.568	-3.109	-3.760	75783	NA	NR_073013_5_+1
A930016O22Rik	-4.804	-4.715	-4.825	-4.958	-4.597	-4.960	-4.783	-4.580	-4.981	-4.316	100503495	NA	NR_073014_7_-1
A930016O22Rik	-1.515	-3.267	-3.445	-4.599	-4.400	-4.881	-3.883	-4.561	-4.981	-4.981	100503495	NA	NR_073015_7_-1
4732471J01Rik	-0.915	-1.416	-1.258	-1.470	-0.918	-0.504	-1.016	-1.695	-1.101	-1.705	654804	NA	NR_073027_7_+1
4732471J01Rik	-4.981	-3.267	-0.504	-0.914	-0.630	-1.103	-0.455	-1.432	-0.670	-0.885	654804	NA	NR_073028_17_+1
Ube2w	0.788	0.978	0.941	1.273	0.296	0.039	0.773	-0.038	-1.247	1.098	66799	UBE2W	NR_073122_1_-1
Adck5	2.210	2.963	3.048	2.969	1.646	1.857	1.267	1.475	1.391	0.675	268822	ADCK5	NR_073123_15_+1
Fln	2.200	-0.734	0.362	-2.610	1.678	-3.088	2.220	-0.188	3.877	0.292	216805	FLN	NR_073164_11_-1
Milr1	3.429	4.040	1.226	1.197	2.612	2.685	2.611	2.763	2.916	3.050	380732	NA	NR_073165_11_+1
Nol8	0.642	-0.915	-0.554	-0.982	0.363	-0.403	-2.091	-0.519	0.781	-0.362	70930	NOL8	NR_073167_13_+1
Nol8	-0.324	0.670	-0.699	-0.641	-0.344	-1.149	-0.776	-1.113	0.159	0.804	70930	NOL8	NR_073168_13_+1
Ager	-3.296	-4.981	-1.468	-1.389	-1.406	-2.115	-3.115	-3.059	-0.617	-1.517	11596	AGER	NR_073173_17_+1
Ager	-4.897	-4.981	-3.148	-4.861	-4.888	-4.621	-4.868	-4.963	-4.813	-3.715	11596	AGER	NR_073175_17_+1
Ager	-4.880	-4.981	-4.819	-4.978	-4.970	-4.976	-4.864	-4.969	-4.958	-4.858	11596	AGER	NR_073176_17_+1
Fth1	-1.734	-1.277	-1.641	-2.526	-0.326	-0.776	-0.442	-2.318	-0.617	-0.770	14319	FTH1	NR_073181_19_+1
Gabpb1	-3.044	-2.793	-3.517	-3.313	-2.789	-3.346	-4.895	-4.973	-3.217	-4.981	14391	GABPB1	NR_073183_2_-1
Pglyrp2	-1.099	-1.557	-4.737	-1.572	1.167	1.422	-1.281	-4.187	-4.954	-3.246	57757	PGLYRP2	NR_073184_17_-1
Gnb5	-4.664	-4.471	-4.880	-4.908	-4.878	-3.950	-4.607	-4.959	-4.854	-4.955	14697	GNB5	NR_073186_9_+1
Chka	0.377	-4.063	0.287	1.079	3.576	3.071	2.139	0.909	-4.501	-0.784	12660	CHKA	NR_073190_19_+1
Il15ra	-2.824	-3.878	-0.368	-0.117	-1.455	-2.250	-0.626	-1.746	1.034	-0.148	16169	IL15RA	NR_073191_2_+1
Il15ra	-4.341	-4.063	-2.701	-3.034	-2.124	-2.145	-1.015	-3.099	0.036	-0.290	16169	IL15RA	NR_073192_2_+1
Crem	-0.819	-0.304	-2.728	-4.840	-2.774	-1.122	-3.577	-4.503	-3.005	-1.804	12916	CREM	NR_073193_18_-1
Aire	-4.981	-4.981	-3.459	-4.880	-4.834	-4.901	-4.932	-4.931	-4.981	-4.981	11634	AIRE	NR_073358_10_-1
5830454E08Rik	3.276	2.816	1.058	0.862	0.829	1.336	1.212	1.072	0.521	0.812	76100	NA	NR_073359_9_+1
4930453L07Rik	-4.981	-4.981	-4.981	-4.981	-1.741	-4.015	-4.457	-4.968	-4.981	-4.981	74688	NA	NR_073360_8_+1
1700091H14Rik	-4.981	-4.981	-4.984	-3.354	-4.927	0.441	-4.852	-0.271	-4.981	0.138	73553	NA	NR_073362_14_-1
Phc1	0.941	-0.458	-3.263	-4.787	1.348	1.664	-3.214	-4.615	-0.614	-0.304	13619	PHC1	NR_073364_6_-1
Smim10l1	-0.433	0.038	-0.742	-1.598	-0.342	-3.024	-0.338	-2.525	-0.837	-1.369	381820	SMIM10L1	NR_073368_6_+1
Dnajc5	3.913	4.185	5.040	5.270	4.951	5.204	5.192	5.068	5.190	5.429	13002	DNAJC5	NR_073369_2_+1

4930451G09Rik	0.285	0.007	-1.558	-1.620	-0.317	0.531	-0.905	-0.521	-1.971	-1.191	74684	NA	NR_073370_16_+_1
4930506C21Rik	-0.682	0.294	-2.368	-1.362	-1.357	-1.681	-2.916	-1.882	-1.567	-2.218	75060	NA	NR_073374_17_-_1
NcapH2	4.625	4.788	4.872	4.876	4.872	4.054	4.208	4.520	4.362	3.880	52683	NCAHP2	NR_073376_15_+_1
Runx2	3.195	0.636	-1.879	-1.995	0.738	0.609	1.114	-1.677	-4.052	0.730	12393	RUNX2	NR_073392_17_-_1
Surf1	5.084	4.791	2.970	2.650	3.242	3.300	2.950	2.980	3.102	3.042	20930	SURF1	NR_073420_2_-_1
Runx2	2.365	2.334	-0.970	-3.656	-0.455	-0.731	-1.835	-0.820	-0.077	-1.592	12393	RUNX2	NR_073425_17_-_1
Eci2	4.594	4.543	3.168	3.658	3.650	3.670	3.383	3.245	3.182	2.703	23986	ECI2	NR_073427_13_-_1
4930577N17Rik	1.844	1.811	2.566	2.531	0.854	0.644	1.068	1.048	1.780	2.049	67746	NA	NR_073429_3_+_1
1600023N17Rik	-0.474	-1.910	-1.740	-2.566	-1.858	-1.943	-1.635	-3.282	-3.109	-2.519	69788	NA	NR_073433_5_-_1
Crebzf	4.069	4.013	3.332	3.196	3.917	4.307	3.484	3.308	1.553	2.588	233490	CREBZF	NR_073436_7_+_1
Crebzf	0.122	-0.958	0.034	-1.564	-0.027	0.843	0.033	0.308	-1.254	0.241	233490	CREBZF	NR_073437_7_+_1
Crebzf	2.200	2.111	1.602	1.358	1.795	1.822	0.987	1.249	1.898	1.721	233490	CREBZF	NR_073438_7_+_1
Rchy1	-1.196	0.150	0.044	0.567	-2.154	-0.684	0.823	1.272	1.863	1.049	68098	RCHY1	NR_073442_5_-_1
5730488B01Rik	-4.981	-4.981	-2.095	-2.087	-4.056	-1.225	-1.391	-0.367	-3.109	-4.316	70602	NA	NR_073462_4_+_1
Aqp9	-4.694	-4.981	-4.533	-4.810	-4.770	-1.566	-2.039	-4.893	-1.278	-4.911	64008	AQP9	NR_073483_9_-_1
Sfn10-ps	-3.718	-0.147	-3.465	-3.091	-2.924	-4.496	-2.366	-2.305	-0.717	-0.319	237887	NA	NR_073523_11_-_1
Sfn10-ps	0.783	0.625	0.729	-1.210	0.715	0.829	-0.242	1.081	0.860	0.347	237887	NA	NR_073524_11_-_1
Gm10364	-3.426	-3.157	-4.135	-3.008	-4.525	-3.689	-3.554	-3.369	-1.998	-3.266	100151693	NA	NR_073535_14_+_1
Sema6c	-4.856	-4.786	-4.251	-4.953	-4.981	-4.981	-4.978	-4.981	-4.948	-4.966	20360	SEMA6C	NR_073549_3_+_1
Sema6c	-4.863	-4.791	-4.981	-4.981	-4.981	-4.981	-4.978	-4.981	-4.950	-4.967	20360	SEMA6C	NR_073550_3_+_1
Sema6c	-4.837	-4.769	-4.981	-4.981	-4.981	-4.981	-4.948	-4.323	-4.941	-4.964	20360	SEMA6C	NR_073551_3_+_1
Stxbp3-ps	-4.981	-3.103	-2.184	-2.304	-3.514	-4.283	-2.917	-3.520	-2.232	-1.774	619371	NA	NR_073559_19_-_1
Numb	-0.046	2.406	3.480	3.605	3.215	3.275	2.626	2.686	3.757	3.903	18222	NUMB	NR_073563_12_-_1
Numb	-4.711	-3.918	-2.904	-4.860	-2.656	-4.469	-4.313	-4.787	-4.660	-4.923	18222	NUMB	NR_073564_12_-_1
Abhd10	1.850	0.848	2.197	-0.336	1.605	-1.152	1.746	0.999	1.274	-0.165	213012	ABHD10	NR_073572_16_-_1
Tysnd1	2.284	2.344	1.119	0.918	1.453	0.491	1.499	0.301	-0.300	1.063	71767	TYSND1	NR_073587_10_+_1
Gpr19	-4.672	-1.696	-4.797	-4.443	-4.854	-3.734	-4.712	-1.544	-4.789	-2.671	14760	GPR19	NR_074084_6_-_1
Brat1	1.620	1.817	-1.247	-0.726	1.067	0.052	1.072	1.780	-3.806	1.289	231841	BRAT1	NR_074085_5_+_1
Aes	0.848	1.072	0.560	0.230	0.840	-0.141	0.472	-0.100	0.958	0.398	14797	AES	NR_074087_10_+_1
Wwp1	2.784	2.973	0.063	-0.567	-0.167	-0.303	1.638	-0.569	-4.020	0.666	107568	WWP1	NR_074089_4_-_1
Wwp1	-0.591	2.181	-0.302	-0.583	0.067	0.320	1.254	0.660	0.866	1.846	107568	WWP1	NR_074090_4_-_1
Dnm1l	-4.119	-0.145	0.426	0.584	-0.030	0.285	0.222	0.174	1.579	1.159	74006	DNM1L	NR_075104_7_-_1
Pitpnm1	3.555	3.403	6.217	6.245	5.314	5.278	6.450	6.368	7.769	7.553	18739	PITPNM1	NR_075078_19_+_1
Ippk	-4.802	-4.371	-2.237	-4.791	-4.865	-4.936	-4.312	-2.783	-4.661	-4.768	75678	IPPK	NR_075085_13_+_1
Nup88	1.047	1.979	1.305	2.250	1.000	2.171	-0.225	1.406	-0.510	-0.017	19069	NUP88	NR_075087_11_-_1
Cenpk	1.047	1.043	1.226	1.577	2.018	1.497	1.687	1.296	-0.024	0.300	60411	CENPK	NR_075088_13_+_1
Slc25a43	-3.281	-4.592	-3.693	-4.955	-4.488	-4.963	-4.958	-4.978	-4.869	-4.965	194744	SLC25A43	NR_075096_X_+_1
Slc25a43	-3.107	-1.866	-2.103	-3.346	-2.820	-3.476	-1.887	-2.535	-0.056	-0.286	194744	SLC25A43	NR_075097_X_+_1
Etfb	-0.892	-1.400	-1.203	-2.253	-1.986	-3.009	-2.406	-2.539	-1.435	-4.952	110826	ETFB	NR_075104_7_+_1
Gm6756	-4.981	-0.829	-4.938	-3.950	-4.969	-3.744	-4.964	-3.258	-4.981	-4.974	627427	NA	NR_076393_18_+_1
2310002F09Rik	-4.981	-4.981	-4.981	-4.981	-4.893	-4.464	-4.260	-4.442	-4.981	-4.981	100504720	NA	NR_077063_7_-_1
C030013G03Rik	-1.041	-0.755	-4.973	-4.973	-4.981	-4.981	-4.734	-4.929	-4.761	-4.981	77414	NA	NR_077216_17_+_1
C030013G03Rik	4.532	4.353	-4.906	-3.787	-4.966	-4.835	-4.081	-2.027	-4.492	-4.981	77414	NA	NR_077217_17_+_1
A930006K02Rik	3.801	3.393	1.711	1.376	1.294	1.235	1.687	1.471	0.306	0.240	100503120	NA	NR_077219_16_+_1
Gm6297	-0.820	-0.827	-3.380	-2.475	-2.155	-2.069	-2.260	-3.571	-4.735	-2.738	622208	NA	NR_077221_4_-_1
9330102E08Rik	-4.981	-1.569	-4.981	-4.981	-4.467	-4.948	-4.981	-4.981	-4.981	-4.981	330427	NA	NR_077223_6_-_1
Gm6297	-2.014	-1.201	-0.153	-0.665	0.526	-0.085	-0.299	-1.774	-1.824	-1.182	622208	NA	NR_077226_4_-_1
8430426J06Rik	-4.981	-4.981	-4.382	-4.957	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	78102	NA	NR_077229_15_-_1
8430426J06Rik	-1.803	-4.785	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	78102	NA	NR_077230_15_-_1
8430426J06Rik	-3.279	-1.842	-4.961	-4.980	-4.980	-4.969	-4.981	-4.981	-4.981	-4.981	78102	NA	NR_077231_15_-_1
C230037L18Rik	0.087	0.528	-0.962	-1.445	-0.702	-1.527	-1.210	-1.125	-1.962	-1.500	100532730	NA	NR_077233_15_+_1
Tubgcp4	2.463	1.903	2.387	2.924	2.647	2.628	1.307	2.539	1.935	2.415	51885	TUBGCP4	NR_077245_2_+_1
Gm21284	-4.981	-2.787	-3.690	-2.201	-3.322	-4.150	-3.123	-4.210	-3.603	-4.981	100861870	NA	NR_078345_6_+_1
AI839979	-2.388	-1.953	-0.993	-1.666	-2.717	-1.101	2.282	3.275	6.705	6.712	100740	NA	NR_102275_5_-_1
AI314278	-3.843	-4.981	-4.627	-4.618	-4.980	-4.980	-4.956	-4.969	-4.185	-4.981	101521	NA	NR_102276_7_+_1
Cops5	2.492	3.691	1.729	1.872	2.157	1.861	1.173	1.848	1.791	1.632	26754	COP55	NR_102282_1_-_1
5830444B04Rik	0.136	-2.301	-1.358	-4.379	-1.871	-3.709	-1.266	-4.172	-1.503	-3.300	641454	NA	NR_102283_4_-_1
5830444B04Rik	-1.499	-4.981	-3.024	-4.976	-3.712	-4.987	-3.446	-4.962	-2.064	-4.981	641454	NA	NR_102284_4_-_1
4833411C07Rik	-2.739	-4.981	-2.585	-1.891	0.221	1.035	0.229	0.286	-2.086	-3.449	71624	NA	NR_102285_8_+_1
5830444B04Rik	1.204	-4.981	-0.240	-4.927	-1.549	-4.961	-1.100	-4.959	-1.124	-4.981	641454	NA	NR_102287_4_-_1
Man2c1os	2.059	0.643	0.742	-0.398	0.197	0.107	0.987	0.881	1.179	0.654	76794	NA	NR_102289_9_-_1
A630023P12Rik	-3.563	-4.981	-4.769	-3.274	-3.852	-2.994	-4.070	-0.623	-4.981	-3.853	231603	NA	NR_102290_5_+_1
Rpl22	-2.545	-3.395	-3.219	-2.553	-3.329	-4.848	-2.712	-2.306	-1.669	-2.858	19934	RPL22	NR_102291_4_+_1
Rpl22	-2.511	-3.051	-4.938	-3.721	-4.981	-4.769	-4.978	-4.552	-4.981	-3.363	19934	RPL22	NR_102292_4_+_1
Gm29811	-4.981	-3.752	-4.710	-4.342	-4.011	-4.806	-4.763	-4.521	-2.901	-3.828	101243624	NA	NR_102297_3_-_1
Gm29811	-4.981	-3.673	-4.680	-4.115	-3.705	-4.728	-4.717	-4.292	-2.399	-3.352	101243624	NA	NR_102298_3_-_1
D630024D03Rik	-1.104	-4.108	-4.221	-4.952	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	414116	NA	NR_102310_11_-_1
D630024D03Rik	-1.355	0.123	-4.981	-4.981	-4.981	-4.981	-4.947	-4.964	-4.981	-4.981	414116	NA	NR_102311_11_-_1
Stap2	-0.513	-4.238	3.481	4.295	3.619	3.874	2.420	2.351	-4.869	-3.386	106766	STAP2	NR_102313_17_-_1
6030443J06Rik	-3.028	-3.267	-3.528	-3.637	-2.928	-3.270	-3.707	-3.091	-4.981	-2.057	320719	NA	NR_102315_5_+_1
9330162012Rik	-4.981	-3.315	-4.060	-4.154	-4.003	-3.053	-4.975	-3.934	-4.190	-2.605	493800	NA	NR_102323_13_+_1
Gm4432	-0.098	0.301	-0.272	-1.722	0.109	-0.200	-0.382	-1.200	-0.483	0.281	100043434	NA	NR_102329_17_+_1
Szrd1	3.261	3.505	3.605	4.207	3.553	3.504	3.648	3.973	4.399	4.333	213491	SZRD1	NR_102343_4_-_1
Szrd1	0.457	2.026	1.962	1.404	2.032	0.459	1.216	1.517	1.986	2.801	213491	SZRD1	NR_102344_4_-_1

Zbtb24	0.138	-0.879	1.332	-0.524	1.002	0.724	-0.070	-1.210	0.398	-4.477	268294	ZBTB24	NR_102360_10_+1
AW112010	6.489	4.927	8.644	8.754	7.434	7.704	8.361	8.255	4.950	5.189	107350	NA	NR_102366_19_-1
9630001P10Rik	-4.981	-4.981	-3.941	-4.144	-4.973	-3.609	-4.971	-4.805	-4.981	-4.981	319251	NA	NR_102378_5_+1
Adam17	1.427	1.342	1.304	1.756	0.723	0.467	0.204	0.853	1.439	1.971	11491	ADAM17	NR_102380_12_-1
Fancl	0.762	-0.517	2.057	-1.910	1.737	-2.552	1.594	-3.626	0.479	-3.016	67030	FANCL	NR_102382_11_+1
5930430L01Rik	-1.156	0.883	-4.915	-1.946	-4.951	-3.197	-4.479	-0.908	-4.808	-4.960	319982	NA	NR_102383_5_-1
5930430L01Rik	-0.303	-4.981	-3.909	-4.966	-3.906	-4.296	-4.647	-4.028	-2.809	-2.867	319982	NA	NR_102384_5_-1
Ank1	-2.438	-4.981	-3.459	-3.517	-3.248	-4.911	-3.888	-2.629	-3.293	-3.040	11733	ANK1	NR_102385_8_+1
Ank1	-4.981	-4.343	-4.970	-4.905	-4.857	-4.358	-4.979	-4.937	-4.978	-4.740	11733	ANK1	NR_102386_8_+1
C130046K22Rik	-1.647	-1.663	-4.429	-3.659	-3.387	-2.577	-4.598	-3.249	-3.547	-0.033	399609	NA	NR_102388_11_+1
C130046K22Rik	-1.946	-0.962	-3.926	-3.034	-2.943	-2.739	-3.119	-2.413	-1.204	-1.534	399609	NA	NR_102389_11_+1
Mea1	4.694	4.569	4.036	4.006	3.617	3.635	4.129	4.068	3.236	3.552	17256	MEA1	NR_102392_17_+1
Gm12992	-1.973	-1.247	-0.336	-0.697	-0.450	-1.053	-0.302	-1.688	0.497	-0.032	545681	NA	NR_102393_4_-1
Gm12992	-4.981	-4.981	-3.390	-4.824	-4.821	-4.708	-4.973	-3.665	-2.230	-3.209	545681	NA	NR_102394_4_-1
C130046K22Rik	-0.101	0.533	-0.556	-0.622	0.889	-0.352	-0.407	-0.352	0.276	0.414	399609	NA	NR_102396_11_+1
Adam28	-3.509	-3.429	-3.472	-3.752	-4.022	-2.845	-3.982	-3.111	-3.836	-4.171	13522	ADAM28	NR_102399_14_-1
AA413626	-3.563	-1.755	-2.241	-3.799	-3.530	-3.688	-3.012	-4.716	-2.352	-3.816	100359413	NA	NR_102683_11_+1
Gm6815	-4.981	-4.981	-4.548	-4.537	-4.402	-4.700	-4.945	-4.806	-4.012	-4.981	627962	NA	NR_102685_16_-1
Mphosph9	0.130	0.689	0.936	0.842	1.492	1.251	1.255	0.211	0.671	1.059	269702	MPHOSPH9	NR_102690_5_-1
Gm6083	-4.981	-4.981	-4.981	-4.981	-0.115	0.249	-2.877	-4.473	-4.981	-4.981	619355	NA	NR_102704_5_+1
6030469F06Rik	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.180	-4.772	-4.981	-4.981	100043065	NA	NR_102715_12_+1
Ppp2r3d	-0.336	-0.053	-0.862	-1.040	-1.169	-1.740	-0.832	-0.953	-0.669	-0.394	19054	NA	NR_102716_9_-1
Rad51d	-1.339	0.010	-1.371	-1.405	-1.461	-1.482	-3.833	-3.328	-4.454	-4.558	19364	RAD51D	NR_102717_11_-1
Rad51d	1.270	-3.714	-2.083	-0.642	-0.343	-0.822	-0.429	-1.487	-0.848	-4.398	19364	RAD51D	NR_102718_11_-1
Rad51d	-1.084	0.012	-2.404	-2.440	-0.746	-0.220	-1.599	-4.892	-3.972	-1.450	19364	RAD51D	NR_102719_11_-1
Rad51d	-4.482	-4.353	-4.623	-4.857	-4.858	-4.963	-4.737	-4.961	-4.687	-4.652	19364	RAD51D	NR_102720_11_-1
4930526115Rik	-4.981	-2.239	-3.650	-3.810	-4.962	-3.603	-3.519	-4.698	-2.911	-4.981	75135	NA	NR_102721_9_+1
Cd22	-4.160	-3.946	-2.857	-2.800	0.850	0.273	-1.077	-0.198	-4.741	-4.941	12483	CD22	NR_102722_7_-1
Cd22	-1.120	-2.315	0.992	0.247	3.559	3.372	2.552	2.908	-0.281	-1.866	12483	CD22	NR_102723_7_-1
Flt3l	-0.540	0.417	-0.283	-1.618	-0.321	-0.252	-0.893	-0.485	-2.177	-0.134	14256	FLT3LG	NR_102725_7_-1
Ly9	4.116	3.713	2.614	3.402	4.382	3.821	3.145	2.798	3.212	2.007	17085	LY9	NR_102726_1_-1
Ldha	-0.381	0.646	1.099	1.077	0.017	0.025	0.036	-0.298	-0.075	-0.647	16828	LDHA	NR_102727_7_+1
Snap91	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	20616	SNAP91	NR_102729_9_-1
Meis3	-4.119	-4.121	-3.091	-3.391	-2.795	-4.925	-4.312	-3.322	-4.977	-4.450	17537	MEIS3	NR_102730_7_+1
Stk16	3.269	3.029	2.317	2.183	2.656	2.935	3.077	1.522	3.368	2.591	20872	STK16	NR_102731_1_+1
Farsb	0.337	0.593	0.129	0.008	0.237	0.624	-1.557	-1.759	-0.586	-1.368	23874	FARSB	NR_102757_1_-1
Farsb	-0.439	-1.216	-0.388	0.810	0.179	-1.991	-1.423	-0.777	-0.010	-4.070	23874	FARSB	NR_102758_1_-1
Hspa14	0.907	1.354	1.711	2.590	1.915	1.814	1.673	1.489	2.161	1.263	50497	HSPA14	NR_103465_2_-1
Dmc1	-2.483	-4.981	-4.945	-4.945	-3.507	-3.333	-3.928	-4.450	-3.773	-4.981	13404	DMC1	NR_103477_15_-1
Gm26705	-4.981	-3.408	-4.653	-4.217	-4.355	-4.151	-3.790	-4.647	-3.738	-4.227	381967	NA	NR_103487_7_-1
Gm44504	-2.160	-1.915	-2.972	-1.994	-1.989	-2.307	-3.195	-2.580	-2.723	-3.959	100169864	UBL4A	NR_103489_X_-1
Gm38426	-0.618	1.112	2.066	2.355	0.798	2.506	-0.936	1.498	-2.827	-3.185	100503676	NA	NR_103491_8_+1
Gm15694	-0.980	-0.737	-1.241	-1.226	-0.496	-1.002	-0.092	-2.725	-1.965	-1.691	101669761	NA	NR_103513_16_-1
Ndufa7	0.438	0.543	-0.620	-0.868	-0.978	-1.615	0.293	-0.559	0.168	-0.430	66416	NDUFA7	NR_103514_17_+1
Ndufa7	5.146	4.639	4.797	4.505	4.049	3.986	4.426	4.335	3.739	3.535	66416	NDUFA7	NR_103515_17_+1
Ndufa7	3.926	4.186	3.544	2.911	3.021	2.889	3.349	3.199	2.822	2.962	66416	NDUFA7	NR_103516_17_+1
5430425K12Rik	0.658	0.810	-3.351	-3.591	-2.691	-3.217	-1.629	-2.694	-0.462	-2.285	71416	NA	NR_103550_13_+1
Tti2	1.725	3.707	0.724	2.253	0.823	2.697	0.817	2.065	0.509	2.434	234138	TTI2	NR_103719_8_+1
Dgkh	-4.981	-4.981	-2.102	-3.860	-4.965	-4.969	-3.669	-3.051	-0.751	-2.458	380921	DGKH	NR_104044_14_-1
Gria3	-2.526	0.357	-2.690	-4.520	-1.251	-4.892	-3.733	-2.134	-1.300	-4.422	53623	GRIA3	NR_104053_X_+1
Pcsk7	1.196	1.059	1.047	1.396	0.847	0.447	0.012	0.576	3.215	2.515	18554	PCSK7	NR_104055_9_+1
Vasp	4.593	4.596	5.448	5.582	6.277	6.413	6.152	5.448	4.602	4.741	22323	VASP	NR_104069_7_-1
Ptpn22	-0.664	-3.742	3.259	1.779	3.354	2.097	2.602	1.681	3.052	2.028	19260	PTPN22	NR_104070_3_+1
Gtf2a2	1.950	2.293	1.885	1.528	1.784	1.930	1.735	1.522	0.557	0.681	235459	GTF2A2	NR_104093_9_+1
Slc10a7	-4.981	-4.863	-1.948	-2.870	-1.642	-2.484	-3.837	-1.825	-4.777	-1.886	76775	SLC10A7	NR_104094_8_+1
Klra14-ps	-3.572	-4.981	-4.483	-4.985	-4.981	-4.981	-4.429	-4.823	-3.872	-4.981	654449	NA	NR_104105_6_-1
Klra14-ps	-2.816	-4.981	-3.243	-4.977	-4.981	-4.981	-3.638	-4.676	-2.991	-4.981	654449	NA	NR_104106_6_-1
Tmevpg1	-4.981	-2.353	-4.841	-3.908	-4.923	-3.882	-4.842	-4.679	-2.871	-4.981	103214	NA	NR_104123_10_-1
Dffa	-2.495	0.252	-4.528	-4.298	-4.661	-4.758	-3.944	-4.864	-4.667	-4.922	13347	DFFA	NR_104263_4_+1
Pdlim7	-4.926	-4.981	-3.358	-1.891	-4.864	-4.950	-4.355	-3.717	-4.981	-4.759	67399	PDLM7	NR_104287_13_-1
Rnf41	-1.992	1.467	0.633	0.470	0.642	0.323	-2.311	-0.940	-0.303	0.935	67588	RNF41	NR_104288_10_+1
Rnf41	0.613	-2.228	0.385	-0.371	0.965	1.050	0.800	0.285	-0.421	0.775	67588	RNF41	NR_104289_10_+1
Rnf41	-1.584	-4.981	-1.190	-2.101	-2.182	-1.427	-2.749	-2.496	-1.064	-1.144	67588	RNF41	NR_104290_10_+1
Gnl3	3.196	3.837	1.743	2.182	2.066	2.039	2.715	2.347	-0.194	-0.817	30877	GNL3	NR_104298_14_-1
Dph3	-2.780	-0.221	-1.594	-2.468	-2.876	-2.295	-1.939	-2.993	-3.047	-2.099	105638	DPH3	NR_104303_14_-1
Dph3	4.150	3.482	2.507	2.501	2.669	2.932	2.698	2.368	2.783	2.036	105638	DPH3	NR_104304_14_-1
Dph3	3.204	2.765	2.260	1.633	1.682	1.891	1.403	1.633	1.325	1.851	105638	DPH3	NR_104305_14_-1
Nprl3	1.319	1.138	-0.657	-2.424	-2.004	-1.285	-0.590	-2.068	-0.301	-0.673	17168	NPRL3	NR_104306_11_-1
Akap1	-3.931	-2.910	-4.320	-4.717	-4.555	-4.882	-4.194	-3.526	-4.403	-4.902	11640	AKAP1	NR_104310_11_-1
Dhx15	2.575	3.095	1.765	1.101	2.247	2.423	2.807	0.538	2.487	1.391	13204	DMX15	NR_104311_5_-1
Smagp	-4.981	-4.981	-0.645	0.212	-1.124	0.239	-2.193	-0.720	-2.712	-2.320	207818	SMAGP	NR_104337_15_-1
Smagp	-4.981	-4.981	-1.699	-1.189	-4.731	-2.978	-4.816	-2.874	-4.721	-2.052	207818	SMAGP	NR_104338_15_-1
Adamtsl5	-4.981	-4.846	-4.950	-4.947	-4.617	-4.550	-4.975	-3.878	-4.981	-4.981	66548	ADAMTSL5	NR_104339_10_-1
Adamtsl5	-4.981	-4.844	-4.961	-4.957	-4.968	-4.513	-3.745	-4.575	-4.981	-4.981	66548	ADAMTSL5	NR_104340_10_-1

Gdap2	1.102	3.233	2.830	3.229	1.718	2.424	1.800	2.634	2.680	3.068	14547	GDAP2	NR_104341_3_+_1
Gfra1	-4.755	-4.981	-4.972	-4.979	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	14585	GFRA1	NR_104342_19_-_1
Carf	1.293	1.078	-1.963	-0.234	-2.093	-2.046	-0.343	-2.127	-1.830	-1.022	241066	CARF	NR_104344_1_+_1
Gnb1l	-4.827	-1.015	-4.852	-4.949	-2.225	-2.687	-3.810	-4.948	-4.789	-4.935	13972	GNB1L	NR_104347_16_+_1
Gm28042	-0.093	1.329	0.552	1.442	1.387	1.494	0.845	1.786	0.763	0.751	102238433	NA	NR_104353_2_+_1
Chchd7	-0.186	0.411	-1.508	-2.060	-3.204	-2.791	-1.268	-2.591	-1.534	-2.077	66433	CHCHD7	NR_104354_4_+_1
Chchd7	0.037	-0.470	-3.708	-2.957	-3.974	-4.119	-3.413	-4.517	-2.476	-2.154	66433	CHCHD7	NR_104355_4_+_1
Chchd7	-3.400	-4.981	-4.976	-4.976	-4.744	-4.925	-3.031	-4.942	-3.271	-4.981	66433	CHCHD7	NR_104356_4_+_1
Exosc5	2.438	2.835	2.260	2.180	2.841	3.213	2.520	2.201	2.067	2.115	27998	EXOSC5	NR_104358_7_+_1
Osgepl1	1.734	2.179	-0.352	0.467	1.606	1.651	0.425	0.846	-0.342	0.665	72085	OSGEPL1	NR_104360_1_+_1
Osgepl1	-2.422	-4.761	-3.557	-1.973	-4.937	-2.635	-3.378	-4.972	-4.689	-4.929	72085	OSGEPL1	NR_104361_1_+_1
Zmym6	1.569	2.303	1.163	0.667	2.283	2.074	1.957	1.510	1.100	0.913	100177	ZMYM6	NR_104366_4_+_1
Fbxo44	-1.175	-1.357	-1.109	-3.057	-2.104	-3.652	-2.060	-4.180	-4.877	-2.952	230903	FBXO44	NR_104374_4_-_1
Fbxo44	-0.066	-4.589	-3.117	-2.500	-1.830	-3.101	-3.926	-4.288	-2.589	-4.829	230903	FBXO44	NR_104375_4_-_1
1700024P16Rik	1.025	-0.763	-4.973	-4.868	-4.980	-4.959	-4.936	-3.964	-4.981	-4.848	242594	C1orf168	NR_104376_4_+_1
Fbxl4	3.399	2.504	1.290	0.651	1.366	1.520	2.072	0.323	2.171	2.162	269514	FBXL4	NR_104378_4_+_1
Fbxl4	-2.261	1.110	0.055	-2.650	-0.927	-2.171	-1.133	-1.467	1.071	-0.043	269514	FBXL4	NR_104379_4_+_1
Fbxl4	1.593	0.947	1.717	0.048	1.203	1.297	1.585	0.396	1.956	1.780	269514	FBXL4	NR_104380_4_+_1
Plekhh5	1.224	1.436	2.657	2.103	3.563	3.203	2.128	1.278	0.002	0.533	269608	PLEKHG5	NR_104381_4_+_1
Ncf1	0.091	0.501	-1.799	-2.583	-1.768	-1.992	-4.200	-2.627	-2.217	-4.981	17969	NCF1	NR_104383_5_-_1
Dab1	-3.668	-4.981	-3.715	-4.698	-4.838	-4.912	-4.966	-4.974	-4.981	-4.981	13131	DAB1	NR_104385_4_+_1
Nin	-4.626	-4.177	-4.704	-4.689	-4.930	-4.971	-4.815	-4.305	-4.183	-4.609	18080	NIN	NR_104397_12_-_1
Nin	0.939	1.105	-1.799	-2.019	0.221	0.046	0.422	-0.094	1.153	1.094	18080	NIN	NR_104398_12_-_1
Terf2	-4.730	-4.191	-2.338	-1.299	-4.625	-2.061	-1.595	-1.025	-4.978	-2.475	21750	TERF2	NR_104410_8_-_1
Fuom	-2.737	-2.550	-4.885	-3.923	-2.981	-2.134	-3.855	-1.882	0.036	-1.084	69064	FUOM	NR_104415_7_-_1
1810009A15Rik	1.134	1.126	1.443	1.003	1.614	1.575	1.185	0.582	0.095	-0.183	66276	C11orf98	NR_104416_19_+_1
Hnrnpa1	4.965	4.745	4.598	4.549	4.196	4.199	4.203	4.072	3.301	2.959	15382	NA	NR_104427_15_+_1
Cd209b	-4.981	-4.981	-4.315	-4.952	-3.232	-4.072	-3.174	-0.740	-4.981	-3.122	69165	NA	NR_104430_8_-_1
Cklf	0.745	1.373	-0.224	0.015	1.116	1.453	1.064	0.448	-0.165	-0.647	75458	CKLF	NR_104433_8_+_1
Nr2c2ap	4.816	4.545	3.170	2.885	3.903	3.465	2.834	2.302	1.859	1.401	75692	NR2C2AP	NR_104434_8_+_1
Clmn	-4.981	-3.749	-4.801	-4.512	-4.437	-4.477	-4.337	-4.574	-3.682	-4.399	94040	CLMN	NR_104435_12_-_1
Clmn	-4.981	-3.200	-4.750	-4.415	-4.345	-4.582	-4.250	-4.399	-3.555	-4.486	94040	CLMN	NR_104436_12_-_1
Clmn	-4.981	-2.979	-4.703	-4.198	-3.968	-2.807	-4.095	-3.956	-3.234	-4.410	94040	CLMN	NR_104437_12_-_1
Clmn	-4.981	-3.888	-4.833	-4.599	-4.520	-4.804	-4.409	-4.658	-3.823	-4.498	94040	CLMN	NR_104438_12_-_1
Clmn	-4.981	-2.680	-4.693	-4.075	-3.385	-3.381	-3.990	-3.560	-2.916	-2.468	94040	CLMN	NR_104439_12_-_1
Tctn1	-4.391	-4.207	-1.416	-4.816	-1.237	-4.859	-4.430	-4.852	-2.691	-3.792	654470	TCTN1	NR_104441_5_-_1
Rtn1	-1.348	-2.319	2.327	1.166	3.523	2.782	3.373	-0.563	-0.858	-4.168	104001	RTN1	NR_104446_12_-_1
Galnt9	-4.981	-4.981	-4.967	-4.727	-4.969	-4.981	-1.834	-2.173	0.852	0.980	231605	GALNT9	NR_104449_5_+_1
Cuta	4.192	4.343	3.682	3.985	3.067	2.928	3.433	3.674	3.071	2.982	67675	CUTA	NR_104458_17_-_1
Tex264	-0.182	-3.540	-3.017	-3.479	-1.797	-4.895	-3.148	-4.914	-4.662	-4.843	21767	TEX264	NR_104459_9_-_1
Ahnak	-2.650	-2.482	-4.077	-4.950	-4.958	-3.546	-4.764	-4.967	-2.894	-1.921	66395	AHNAK	NR_104460_19_+_1
Ppp4r1	2.305	2.413	-0.491	-1.349	-0.343	-0.505	-0.727	0.533	-4.153	-4.270	70351	PPP4R1	NR_104465_17_+_1
Hnrnpa2b1	7.148	7.453	7.570	7.531	7.914	7.895	7.246	7.260	6.243	6.394	53379	HNRNPA2B1	NR_104468_6_-_1
Rab43	-4.691	-4.256	1.695	1.243	-3.137	-3.849	-0.669	-0.036	0.417	-0.956	69834	RAB43	NR_104477_6_-_1
Rab43	-4.628	-4.127	1.701	0.092	-2.457	-4.094	-1.787	-2.048	0.580	0.492	69834	RAB43	NR_104478_6_-_1
Banf1	2.476	1.592	2.050	1.408	2.469	1.637	2.602	1.548	1.629	-0.222	23825	BANF1	NR_104482_19_-_1
Arhgap25	1.273	1.159	1.298	1.128	2.289	2.026	1.216	1.040	2.096	2.171	232201	ARHGAP25	NR_104483_6_-_1
Erc1	-4.335	0.249	1.332	0.922	-0.113	-1.294	-0.440	0.769	-1.715	0.103	111173	ERC1	NR_104484_6_-_1
Tmem176b	-4.981	-2.235	-0.676	-0.463	1.133	1.226	1.605	0.847	0.671	1.146	65963	TMEM176B	NR_104575_6_-_1
Strip2	-3.539	-3.083	0.844	0.130	-0.722	-2.835	-3.078	-2.740	-4.510	-4.296	320609	STRIP2	NR_104576_6_+_1
Slc8a1	1.625	1.641	4.819	4.536	4.684	4.971	4.570	4.677	5.114	5.959	20541	SLC8A1	NR_104580_17_-_1
Xntrpc	-4.639	-4.882	-4.321	-4.501	-2.937	-2.554	-3.825	-4.412	-1.535	-4.731	102443351	NA	NR_104582_7_+_1
Rnaseh1	0.897	0.081	-0.200	-3.991	0.568	-2.098	-0.865	-2.507	-0.427	-4.959	19819	RNASEH1	NR_104608_12_+_1
Pla2g12a	-2.258	-4.981	-2.115	-4.941	-4.641	-4.118	-4.928	-3.178	-4.981	-4.981	66350	PLA2G12A	NR_104611_3_+_1
1010001N08Rik	-3.028	-3.408	-3.777	-4.740	-3.983	-4.503	-3.967	-4.782	-2.678	-4.981	68434	NA	NR_105023_18_-_1
1700124L16Rik	-3.099	-4.981	-3.956	-4.420	-3.945	-4.632	-4.466	-4.728	-2.608	-4.981	67934	NA	NR_105027_6_-_1
Gm12596	-1.049	-4.981	-3.992	-4.934	-3.737	-4.791	-4.973	-4.548	-4.394	-4.981	101055769	NA	NR_105031_4_+_1
Record_removed	1.931	2.034	2.120	1.800	2.305	1.889	2.422	2.256	3.293	3.361	Record_remove	NA	NR_105032_5_-_1
Gm15908	-4.981	-4.981	-4.981	-4.981	-4.725	-4.745	-4.935	-4.512	-4.981	-4.981	101056149	NA	NR_105041_13_+_1
Hltf	2.315	2.742	2.586	1.154	2.394	-0.259	1.276	-2.075	0.251	-0.091	20585	HLTF	NR_105046_3_+_1
Hltf	2.339	2.940	3.527	2.877	3.854	3.860	3.448	2.497	2.777	2.548	20585	HLTF	NR_105047_3_+_1
Dreh	-4.981	-4.981	-1.215	-2.320	-4.981	-4.981	-4.945	-4.920	-4.981	-4.981	101202683	NA	NR_105051_17_+_1
Gm17026	-4.981	-2.895	-4.988	-2.768	-4.906	0.784	-4.880	-0.098	-4.981	0.547	101056136	NA	NR_105055_14_-_1
Mir6385	-1.778	-2.340	-4.615	-4.442	-4.943	-4.329	-4.755	-3.967	-4.981	-4.981	102466639	NA	NR_105806_9_+_1
Mir6516	-2.727	-2.616	-3.579	-4.598	-3.557	-4.782	-3.047	-4.443	-2.691	-2.730	102465258	NA	NR_105853_11_+_1
Mir6539	-4.981	-4.981	-3.826	-4.311	-4.088	-4.846	-4.487	-4.846	-3.351	-4.227	102465310	NA	NR_105857_14_-_1
Mir6935	-4.981	-4.981	-4.382	-4.267	-4.072	-4.921	-4.768	-4.899	-4.981	-4.342	102465564	NA	NR_105900_11_-_1
Mir6973a	-4.981	-4.981	-4.981	-4.981	-4.205	-4.679	-4.863	-4.966	-4.981	-4.981	102465588	NA	NR_105939_17_+_1
Mir6992	-4.981	-2.883	-4.654	-4.323	-4.468	-4.870	-4.755	-4.792	-3.461	-3.853	102465599	NA	NR_105958_19_+_1
Mir7035	-4.981	-4.981	-4.801	-4.943	-4.955	-4.788	-4.732	-4.883	-4.981	-4.981	102465626	NA	NR_106002_5_+_1
Mir7091	-4.981	-4.981	-4.681	-4.830	-4.761	-4.978	-4.688	-4.476	-4.394	-3.758	102466804	NA	NR_106059_X_-_1
Mir3473f	-4.981	-4.981	-4.332	-4.691	-4.415	-4.937	-4.932	-4.929	-4.390	-4.981	102466254	NA	NR_106164_1_-_1
Mir8096	-4.981	-4.981	-4.981	-4.981	-4.966	-4.085	-4.979	-4.975	-4.981	-4.981	102466882	NA	NR_106172_1_+_1
Mir142b	-3.843	-1.733	-1.960	-2.857	-1.631	-2.537	-2.497	-2.892	-4.981	-2.747	102466883	NA	NR_106176_11_-_1

Mir8100	-4.981	-4.981	-4.028	-4.824	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	102465996	NA	NR_106177_11_+1
Mir1668	-4.981	-1.941	-3.690	-3.942	-3.484	-4.529	-4.397	-4.854	-4.394	-4.227	102465897	NA	NR_106188_8_-1
Mir8112	-4.981	-4.981	-3.163	-4.578	-4.512	-4.674	-4.603	-4.478	-4.190	-3.481	102465900	NA	NR_106192_6_+1
Mir8120	-4.981	-4.981	-4.981	-4.981	-4.496	-4.724	-4.478	-4.430	-4.981	-4.981	102465905	NA	NR_106200_3_+1
Gm16712	1.448	1.342	2.366	2.145	2.471	1.756	2.024	1.528	2.570	2.125	100504333	NA	NR_108021_17_-1
Gm16740	2.495	1.784	-0.045	-0.493	0.525	0.448	0.350	-0.132	-0.017	0.249	100504029	NA	NR_108026_3_+1
9030619P08Rik	3.031	2.558	-2.132	-4.192	-4.946	-4.890	-4.979	-4.838	-2.370	-4.981	105892	NA	NR_108041_15_-1
Glb1	-4.694	-4.317	-0.113	-0.041	-1.160	1.042	-1.643	-2.118	-1.483	0.467	12091	GLB1	NR_108101_9_+1
Glb1	-2.566	3.532	-0.226	3.062	-1.224	2.737	-0.631	3.189	0.677	2.627	12091	GLB1	NR_108102_9_+1
4930596121Rik	-4.981	-2.275	-1.049	-2.205	-4.056	-3.630	-3.719	-3.368	-3.925	-3.758	78229	NA	NR_108103_1_+1
Mst1r	-4.981	-4.981	-4.981	-4.981	-4.882	-4.908	-3.466	-4.970	1.309	-3.091	19882	MST1R	NR_109782_9_+1
Mir692-2	-4.981	-3.654	-3.827	-4.854	-4.478	-4.865	-4.123	-4.760	-3.859	-4.539	735288	NA	NR_109835_13_+1
Mir692-2	-4.981	-3.654	-3.827	-4.854	-4.478	-4.865	-4.123	-4.760	-3.859	-4.539	735288	NA	NR_109835_4_+1
Arhgap6	-3.585	-3.451	-3.991	-4.491	-2.392	-2.274	-4.044	-4.678	-4.424	-4.797	11856	ARHGAP6	NR_109847_X_+1
Atg9a	-1.309	2.384	1.276	0.502	0.874	0.376	1.081	-0.131	1.571	1.922	245860	ATG9A	NR_109938_1_-1
4631405J19Rik	-4.981	-4.981	-4.821	-4.973	-4.826	-2.445	-4.981	-4.981	-4.981	-4.981	433456	NA	NR_110333_2_+1
A530013C23Rik	-4.981	-4.981	-4.119	-3.917	-4.951	-4.951	-2.090	-1.591	-0.276	-1.559	329562	NA	NR_110334_2_+1
Eif4a2	5.290	5.759	4.856	4.625	4.642	4.758	4.534	4.624	4.117	3.940	13682	EIF4A2	NR_110335_16_+1
Dgkeos	-1.057	-1.126	-4.358	-2.747	-4.974	-4.931	-3.013	-4.437	-4.981	-4.981	414094	NA	NR_110336_11_+1
Spn	1.594	1.792	-0.755	-1.545	-0.100	-0.798	2.485	1.642	2.286	2.057	20737	SPN	NR_110337_7_-1
Trem1	-4.913	-4.981	-4.072	-4.311	-3.843	-4.335	-3.744	-4.912	-2.964	-4.981	71326	TREML1	NR_110338_17_+1
Gpx4	-1.839	-3.052	-3.154	-3.636	-4.029	-3.398	-2.468	-4.124	-2.217	-3.395	625249	GPX4	NR_110342_10_+1
Sh3yl1	-4.719	-4.981	-4.923	-4.943	-4.907	-4.970	-3.972	-4.956	-4.857	-4.973	24057	SH3YL1	NR_110343_12_+1
Tcerg1	2.329	1.838	2.983	3.528	4.007	3.452	2.987	2.266	1.343	2.365	56070	TCERG1	NR_110344_18_+1
Adarb2	-1.862	0.219	-2.791	-0.433	-2.563	-0.311	-2.272	-0.787	-2.873	-0.721	94191	ADARB2	NR_110345_13_+1
Sh2b1	3.095	4.152	2.320	1.339	2.596	2.101	2.137	2.655	1.207	2.386	20399	SH2B1	NR_110346_7_-1
St6galnac6	-0.808	-4.139	-2.970	-1.810	-0.176	0.396	0.975	0.716	1.996	2.527	50935	ST6GALNAC6	NR_110347_2_+1
Sytl2	-4.981	-4.981	-4.938	-4.578	-4.981	-4.808	-4.923	-4.157	-3.373	-4.981	83671	SYTL2	NR_110348_7_+1
Psd2	-2.283	-3.102	-3.596	-4.255	-4.487	-4.377	-3.562	-2.789	-4.340	-3.613	74002	PSD2	NR_110349_18_+1
Tasp1	-4.457	-0.902	-2.160	-4.891	-3.226	-1.602	-4.720	-2.514	-4.437	-2.405	75812	TASP1	NR_110350_2_-1
Tasp1	-3.096	-0.685	-1.559	-2.880	-0.268	-1.432	-2.161	-2.439	-1.853	-0.919	75812	TASP1	NR_110351_2_-1
Tasp1	0.091	-0.362	-3.544	-3.061	-1.737	-1.981	-4.967	-4.980	-4.978	-2.060	75812	TASP1	NR_110352_2_-1
Celf3	-4.053	-3.450	-4.412	-3.953	-4.606	-4.556	-4.054	-4.250	-3.000	-2.197	78784	CELF3	NR_110353_3_+1
R74862	-2.739	-4.981	0.808	0.939	-0.715	-2.075	-0.694	-1.055	-3.249	-1.715	97423	NA	NR_110354_7_-1
R74862	-4.641	-4.981	-1.189	-2.411	-2.630	-4.115	-4.279	-4.799	-3.479	-4.981	97423	NA	NR_110355_7_-1
Tmem241	0.870	0.120	0.005	0.029	0.773	0.851	-0.196	-0.120	0.392	0.780	338363	TMEM241	NR_110356_18_-1
Kctd17	-4.981	-1.179	0.997	0.155	0.383	-0.529	-0.056	0.532	2.105	2.332	72844	KCTD17	NR_110357_15_+1
Pde4dip	-4.268	-3.907	-2.430	-3.690	0.450	-3.116	-3.305	-3.858	-4.622	-4.844	83679	PDE4DIP	NR_110360_3_-1
L3mbtl2	-0.501	-4.378	-2.888	-3.317	-0.841	-2.271	-0.867	-2.544	-0.597	-0.161	214669	L3MBTL2	NR_110362_15_+1
E230029C05Rik	-0.156	-4.981	-0.778	-1.422	0.366	-0.072	1.062	1.672	1.140	1.311	319711	NA	NR_110364_7_+1
E230029C05Rik	0.200	-1.008	-1.005	0.246	0.642	2.026	1.835	3.300	1.309	2.645	319711	NA	NR_110365_7_+1
6820408C15Rik	-1.842	-4.529	-4.803	-4.699	-4.905	-4.957	-4.898	-4.978	-4.981	-4.981	228778	C20orf96	NR_110367_2_+1
6820408C15Rik	-3.376	-1.254	-4.114	-4.576	-4.581	-4.305	-4.963	-4.945	-4.981	-4.981	228778	C20orf96	NR_110368_2_+1
Rnf32	-4.981	-4.981	-4.951	-4.273	-4.977	-3.610	-4.971	-4.843	-4.981	-4.981	56874	RNF32	NR_110371_5_+1
Dgcr6	-1.653	-4.981	-3.214	-4.979	-4.960	-4.962	-4.918	-4.948	-1.342	-2.896	13353	NA	NR_110380_16_+1
Cyp2r1	-4.981	-0.529	-2.155	-4.847	-3.017	-4.685	-2.392	-3.421	-0.977	-4.872	244209	CYP2R1	NR_110407_7_-1
Cyp2r1	-2.131	-2.875	-2.070	-1.780	-0.643	-3.003	-2.060	-2.938	-2.069	-2.209	244209	CYP2R1	NR_110408_7_-1
Cox6b2	-4.981	-1.393	-3.795	-1.522	-3.552	-2.472	-1.860	-1.408	-2.108	-1.066	333182	COX6B2	NR_110411_7_-1
Ptgs2os2	-0.828	-1.693	-0.534	-2.283	4.349	3.956	3.246	1.265	-1.323	-1.588	102639566	NA	NR_110420_1_-1
Eldr	6.244	6.295	-1.763	-1.261	-4.973	-4.453	-4.961	-4.591	-4.835	-4.972	72735	NA	NR_110421_11_-1
Eldr	6.339	6.437	-0.003	-0.802	-2.984	-1.442	-2.604	-1.199	-4.690	-4.927	72735	NA	NR_110422_11_-1
Eldr	0.183	1.343	-4.693	-4.852	-4.952	-4.883	-4.781	-4.274	-4.695	-3.346	72735	NA	NR_110423_11_-1
Eldr	7.052	6.940	1.645	1.412	-0.209	-0.990	-0.199	-0.719	-2.620	-2.657	72735	NA	NR_110424_11_-1
Eldr	5.906	5.705	0.597	-0.261	-1.392	-2.547	-0.129	-1.807	-2.815	-3.779	72735	NA	NR_110425_11_-1
4930459C07Rik	-4.981	-4.981	-4.986	-4.986	-4.341	-4.622	-4.917	-3.717	-2.278	-1.619	74881	NA	NR_110448_10_+1
Crnde	-3.349	-4.981	-3.610	-4.861	-3.686	-4.925	-3.603	-4.429	-3.750	-3.855	71296	NA	NR_110452_8_-1
Lncpint	3.251	3.446	1.425	1.589	2.440	2.667	1.397	1.614	1.497	1.412	232685	NA	NR_110469_6_-1
Lncpint	3.371	3.313	1.914	1.890	2.303	2.894	1.983	1.551	1.960	1.904	232685	NA	NR_110470_6_-1
Lncpint	-0.992	-0.368	-1.645	-1.377	-1.679	-1.396	-1.052	-1.830	-1.565	-1.732	232685	NA	NR_110471_6_-1
Gm12338	4.573	4.943	4.564	4.608	4.043	4.447	4.566	4.559	3.840	3.814	654359	NA	NR_110477_11_-1
Lncppara	-3.843	-2.616	-3.903	-4.363	-2.684	-4.245	-2.246	-4.792	-1.517	-2.343	102800312	NA	NR_110483_15_+1
4921529L05Rik	-2.273	-4.981	-4.952	-4.952	-4.691	-4.965	-2.431	-4.766	-3.531	-4.981	320178	NA	NR_110484_6_+1
9230116L04Rik	-0.080	1.118	-3.075	-1.657	-1.349	-2.757	-2.976	-2.674	-1.080	-3.008	321017	NA	NR_110486_12_-1
AW822252	-4.981	-4.981	-2.233	-1.770	-3.909	-2.509	-4.957	-4.148	-4.981	-3.386	331578	NA	NR_110489_X_-1
Tug1	5.383	4.474	5.777	5.264	5.330	5.528	5.404	5.573	6.435	6.890	544752	NA	NR_110490_11_-1
A330074K22Rik	-4.981	-4.981	-4.952	-4.952	-4.195	-5.002	-4.052	-4.950	-4.981	-4.981	434353	NA	NR_110496_8_-1
Rpl14-ps1	2.780	2.231	3.541	3.368	2.628	2.283	3.060	2.452	1.767	1.449	100040970	NA	NR_110499_7_+1
Gm31763	-3.843	-2.064	-1.730	-4.989	-0.596	-3.050	-0.268	-2.734	-3.043	-2.976	102634101	NA	NR_110511_10_+1
Gm32511	-4.981	-1.612	-2.427	-0.840	-1.383	0.937	-3.016	-1.307	-4.981	-4.981	102635087	NA	NR_110517_9_+1
Gm3458	-4.981	-4.981	-4.998	-2.719	-3.384	-3.594	-3.344	-4.969	-4.981	-4.981	100041660	NA	NR_110518_9_-1
Gm3458	-4.981	-4.981	-4.654	-4.424	-2.590	-2.042	-4.740	-4.789	-4.981	-4.981	100041660	NA	NR_110519_9_-1
201011101Rik	1.929	3.208	-1.719	0.278	0.538	0.438	1.599	2.192	0.932	2.035	72061	C9orf3	NR_110520_13_+1
201011101Rik	-1.869	-0.928	-3.477	-3.668	-3.199	-4.434	-2.676	-4.475	-2.921	-3.201	72061	C9orf3	NR_110521_13_+1
Zeb2os	3.841	3.629	-0.451	-0.901	1.221	1.225	2.962	2.418	3.577	3.052	433424	NA	NR_110571_2_+1

Zeb2os	1.399	1.799	-4.528	-3.730	0.430	-0.571	0.716	1.055	1.628	2.253	433424	NA	NR_110572_2_+1
A230103J11Rik	-4.981	-4.847	-3.854	-4.357	-4.926	-4.926	-4.278	-4.159	-4.840	-4.972	320466	NA	NR_110581_8_-1
A230103J11Rik	-3.563	-2.794	-3.974	-3.712	-3.955	-3.618	-4.325	-3.069	-2.050	-3.683	320466	NA	NR_110582_8_-1
Ccdc169	-4.834	-4.981	-4.949	-4.975	-4.967	-4.974	-4.981	-4.981	-4.981	-4.981	320604	CCDC169	NR_110776_3_+1
Ccdc169	-3.303	-4.981	-3.957	-4.096	-4.573	-4.651	-4.977	-4.925	-4.981	-4.981	320604	CCDC169	NR_110780_3_+1
Ccdc169	-4.172	-4.981	-4.733	-4.814	-4.807	-4.887	-4.980	-4.968	-4.981	-4.981	320604	CCDC169	NR_110781_3_+1
Pld6	-3.843	-2.137	-4.139	-3.002	-4.599	-4.523	-4.433	-3.198	-4.981	-3.449	194908	NA	NR_110894_11_-1
Tmem67	-4.609	-1.094	-0.284	-3.422	-1.332	-1.618	-2.273	-2.900	-1.558	-1.803	329795	TMEM67	NR_110955_4_-1
Inpp5e	-3.352	-2.559	-0.686	-2.592	-1.687	-1.901	-0.782	-1.168	0.277	0.331	64436	INPP5E	NR_110957_2_-1
Zfp428	-4.981	-4.649	-4.971	-4.977	-4.930	-4.464	-3.983	-4.964	-4.592	-4.981	232969	ZNF428	NR_110958_7_+1
Rnf185	-1.072	-3.920	-2.678	-4.443	-4.671	-1.470	-1.118	-4.390	0.643	-0.640	193670	RNF185	NR_110959_11_-1
Rhbdd3	0.995	1.178	0.976	0.945	0.539	-1.799	-0.075	0.925	0.586	-0.585	279766	RHBDD3	NR_110961_11_+1
Trub2	-4.346	-0.601	-0.873	-2.207	-3.379	-1.057	-0.731	-0.983	-3.069	-0.649	227682	TRUB2	NR_110962_2_-1
Dolpp1	-4.760	-1.330	-0.621	-2.579	-2.733	-2.900	-2.229	-4.963	-4.855	-0.625	57170	DOLPP1	NR_110963_2_+1
Mospd1	1.915	-4.073	-4.224	-0.319	-2.579	-4.683	-2.590	-4.651	-4.644	-3.649	70380	MOSPD1	NR_110964_X_-1
Swi5	0.341	0.896	-0.769	-0.999	-1.164	-1.718	-0.563	-0.580	-0.420	-0.869	72931	SWI5	NR_110965_2_-1
Rp2	-0.009	-0.662	0.430	-0.396	1.068	0.957	-0.518	-2.231	-0.678	-1.810	19889	RP2	NR_110966_X_+1
Rp2	-0.237	1.030	-2.560	-3.305	-1.942	-2.394	-2.063	-4.846	-1.291	-2.657	19889	RP2	NR_110967_X_+1
Golga1	2.963	2.961	2.945	1.856	3.070	3.058	2.349	2.001	1.820	1.758	76899	GOLGA1	NR_110968_2_-1
Sh3kbp1	1.085	1.376	0.839	-1.182	0.600	0.199	-0.752	0.862	2.617	2.512	58194	SH3KBP1	NR_110969_X_+1
Sh3kbp1	-2.349	0.444	-4.221	-2.462	-1.168	-1.899	-3.897	-0.694	-0.415	-1.350	58194	SH3KBP1	NR_110970_X_+1
Smap1	-2.724	0.343	-3.274	-2.828	-2.699	-1.915	-2.049	-3.434	-1.975	-1.918	98366	SMAP1	NR_110972_1_-1
Ranbp17	-3.236	-2.703	-3.811	-2.824	-4.628	-2.966	-4.199	-4.307	-4.817	-4.364	66011	RANBP17	NR_110973_11_-1
Tsga10	1.534	1.558	-0.031	-1.166	0.277	-0.370	0.663	0.764	2.292	2.572	211484	TSGA10	NR_110976_1_-1
Mettl5	0.173	0.651	1.377	0.460	0.987	0.017	1.250	-1.617	-0.212	0.355	75422	METTL5	NR_110977_2_-1
Tmem222	3.313	3.999	3.085	3.730	3.606	3.921	3.197	3.384	3.151	3.175	52174	TMEM222	NR_110978_4_-1
Ppp1r1c	-4.981	-4.981	-4.830	-4.973	-4.845	-4.806	-4.981	-4.981	-4.981	-4.981	75276	PPP1R1C	NR_110980_2_+1
Slc39a13	0.818	1.669	1.146	0.561	0.816	1.092	1.512	1.051	-1.856	1.172	68427	SLC39A13	NR_110981_2_-1
Tubgcp4	2.681	1.741	2.377	2.204	2.438	2.685	1.812	2.067	2.394	3.362	51885	TUBGCP4	NR_110985_2_+1
Serf2	5.011	5.094	4.604	4.473	4.540	4.960	4.653	4.639	4.407	4.413	378702	SERF2	NR_110986_2_+1
Lmtk3	-4.981	-4.981	-4.792	-4.965	-4.579	-4.892	-4.231	-4.733	-4.981	-4.981	381983	LMTK3	NR_110987_7_+1
Kcnip3	-4.146	-4.981	0.261	-0.723	-1.962	-2.388	-0.081	-3.519	-4.411	-4.847	56461	KCNIP3	NR_110989_2_-1
Ap5s1	3.413	3.539	2.141	2.322	2.618	2.679	2.770	2.582	2.831	2.786	69596	AP5S1	NR_110992_2_+1
Cd68	3.914	3.490	3.064	2.969	3.664	3.636	3.973	3.483	3.111	3.015	12514	CD68	NR_110993_11_-1
Dynlrb1	1.286	0.226	-0.134	-1.953	-0.818	-1.900	-0.775	-2.407	0.231	-1.982	67068	DYNLRB1	NR_111890_2_+1
Dynlrb1	1.345	1.980	1.719	0.273	1.041	0.055	1.704	0.922	1.376	0.850	67068	DYNLRB1	NR_111891_2_+1
Stau1	1.736	1.887	0.862	1.250	1.828	1.001	2.110	1.141	1.255	-0.346	20853	STAU1	NR_111895_2_-1
Timm22	-3.879	-3.454	-4.626	-4.841	-4.367	-4.837	-4.038	-4.801	-4.981	-4.534	56322	TIMM22	NR_111896_11_+1
Nfatc2	-4.981	-4.981	-4.980	-4.981	-4.981	-4.981	-4.940	-4.978	-4.981	-4.981	18019	NFATC2	NR_111897_2_-1
Nfatc2	-4.981	-4.565	-4.949	-4.943	-4.951	-4.977	-4.899	-4.977	-4.981	-4.981	18019	NFATC2	NR_111898_2_-1
Tpd52l2	-2.543	-4.981	-2.898	-4.902	-3.776	-3.976	-2.311	-4.183	-1.296	-2.702	66314	TPD52L2	NR_111899_2_+1
Mrp523	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.973	-4.980	-4.836	-4.973	64656	MRP523	NR_111902_11_+1
Tm6sf1	-1.670	-4.567	-0.204	-0.640	-0.005	-0.837	-0.142	-1.911	1.685	0.667	107769	TM6SF1	NR_111910_7_+1
Hikeshi	-1.777	-2.508	-1.699	-3.086	-2.107	-2.535	-1.397	-3.397	-0.581	-2.401	67669	HIKESHI	NR_111916_7_-1
Art5	-4.981	-4.981	-4.981	-4.981	-4.971	-4.959	-4.954	-4.252	-4.981	-4.981	11875	ART5	NR_111935_7_-1
Pgap2	1.828	-0.210	-1.376	-3.475	-1.065	-1.946	1.174	0.363	-2.490	-3.907	233575	NA	NR_111937_7_+1
Pgap2	-4.169	-2.303	-0.944	-4.579	-3.342	-1.482	-2.029	-3.779	-2.100	-4.928	233575	NA	NR_111938_7_+1
Dido1	1.769	1.361	-1.250	-1.116	1.683	0.766	1.044	-0.579	-2.780	-1.675	23856	DIDO1	NR_111965_2_-1
Sema3b	-4.981	-4.981	-3.801	-4.218	-4.952	-4.321	-4.968	-3.122	-2.614	-4.981	20347	SEMA3B	NR_111986_9_-1
Map4k2	3.516	1.397	1.483	2.242	1.841	2.240	0.761	1.877	2.158	2.092	26412	MAP4K2	NR_117093_19_+1
Adam17	1.258	1.905	0.365	1.131	2.091	1.821	2.165	1.456	2.060	0.999	11491	ADAM17	NR_120376_12_-1
Lin9	0.466	-3.616	-4.255	-2.464	-4.660	-1.413	-2.103	-4.561	-4.148	-4.481	72568	LIN9	NR_120498_1_+1
Tspan5	0.458	-4.646	-0.614	-3.208	0.675	-0.887	1.383	0.946	3.464	2.521	56224	TSpan5	NR_121195_3_+1
Plcd1	-4.981	-4.981	-4.137	-4.639	-4.171	-4.935	-2.614	-1.566	-3.896	-0.310	18799	PLCD1	NR_121571_9_-1
Uimc1	-0.153	1.148	1.153	0.597	0.530	1.999	0.099	0.141	1.071	1.244	20184	UIMC1	NR_121592_13_-1
Gm1965	-2.599	1.922	0.881	0.557	-4.969	-4.971	-4.802	-4.954	-4.981	-4.981	434065	NA	NR_121593_6_+1
Gm1965	3.533	0.222	1.654	0.690	-4.967	-4.969	-4.768	-4.945	-4.981	-4.981	434065	NA	NR_121594_6_+1
Gm1965	3.329	2.375	1.439	1.188	-4.926	-4.942	-3.833	-4.855	-4.981	-4.981	434065	NA	NR_121595_6_+1
Gm1965	2.787	1.930	0.636	-1.358	-4.262	-4.880	-4.527	-3.618	-4.981	-4.981	434065	NA	NR_121596_6_+1
Atp11a	-3.111	-2.816	-1.092	-0.658	1.780	-1.222	-3.008	-2.724	-3.869	-0.123	50770	ATP11A	NR_121603_8_+1
Plpp5	2.755	1.787	1.158	-0.401	-1.751	0.439	1.135	-0.584	-3.611	1.857	71910	PLPP5	NR_121642_8_+1
Plpp5	-0.172	1.355	0.362	-0.452	-0.481	-1.385	-0.775	-1.632	-1.202	-2.053	71910	PLPP5	NR_121643_8_+1
Rorc	-4.981	-4.981	-4.232	-4.966	-2.165	2.230	-4.395	1.009	-4.981	-4.981	19885	RORC	NR_121656_3_+1
Trim46	-0.531	-1.014	-4.315	-4.431	-4.726	-4.942	-4.862	-4.830	-2.430	-4.981	360213	TRIM46	NR_121683_3_-1
Tmem161a	-0.277	-0.353	-1.130	-1.387	0.142	-0.504	-0.311	-0.562	-4.755	-4.891	234371	TMEM161A	NR_122028_8_+1
Ocel1	1.204	0.617	-0.993	-1.744	-0.846	-0.814	-0.760	-0.879	0.412	-0.560	77090	OCEL1	NR_122030_8_+1
Gba	-0.216	-0.584	-0.378	0.805	-0.392	-0.133	-0.571	-2.589	0.422	0.110	14466	GBA	NR_122037_3_+1
Tsc22d3	1.665	1.667	2.129	1.908	0.646	1.154	0.370	-0.602	0.478	0.148	14605	TSC22D3	NR_122039_X_-1
Inpp5d	-0.027	0.887	2.161	1.414	0.496	0.639	0.706	-2.814	-3.797	0.407	16331	INPP5D	NR_122078_1_+1
Dda1	2.734	2.450	2.234	1.480	1.092	0.585	0.474	1.549	2.235	1.872	66498	DDA1	NR_122114_8_+1
Dda1	3.325	3.195	2.730	2.799	2.527	2.783	2.198	1.472	3.039	2.138	66498	DDA1	NR_122115_8_+1
Agbl5	-4.581	0.375	-4.660	-4.532	-2.924	-1.003	-2.231	-2.233	-4.442	-4.654	231093	AGBL5	NR_122116_5_+1
Agbl5	1.907	1.618	1.504	0.714	1.672	1.894	1.562	0.801	0.620	1.041	231093	AGBL5	NR_122117_5_+1
Sf1	3.617	3.814	3.764	3.103	3.810	4.052	3.137	3.032	3.963	3.177	22668	NA	NR_122118_19_+1

4930445N18Rik	-1.227	-2.681	0.332	0.115	0.417	0.289	-0.414	-2.248	-2.356	-2.572	73985	NA	NR_125720_18_+1
Mb21d1	-1.280	-1.800	0.523	0.450	0.039	0.180	0.691	-0.200	-0.586	-0.483	214763	MB21D1	NR_125721_9_-1
Gm2694	-2.151	-4.981	-4.456	-3.945	-4.450	-4.924	-1.986	-4.947	-4.981	-4.981	100040294	NA	NR_125722_8_+1
Hipk1	-1.902	-2.485	-1.593	-1.347	-1.411	-0.897	-1.262	-1.517	-0.340	-0.122	15257	HIPK1	NR_125731_3_-1
Clasrp	3.144	3.209	2.537	1.903	2.466	2.042	2.513	2.558	2.929	2.474	53609	NA	NR_125832_7_-1
Clasrp	2.424	2.702	1.986	1.247	2.324	1.851	1.791	1.718	2.454	2.082	53609	NA	NR_125833_7_-1
Clasrp	0.103	-0.498	-0.235	-0.417	-0.136	0.022	-0.275	-1.261	1.547	1.874	53609	NA	NR_125834_7_-1
Clasrp	-0.633	-2.451	-0.333	-2.059	0.236	-0.528	0.143	-2.736	-0.144	0.503	53609	NA	NR_125835_7_-1
Clasrp	-2.522	-1.055	-3.510	-4.457	-2.489	-1.097	-1.467	-2.490	-0.665	-1.385	53609	NA	NR_125836_7_-1
Xiap	3.481	4.202	1.933	2.999	3.504	3.701	4.072	3.185	3.523	4.407	11798	XIAP	NR_125870_X_+1
Aup1	3.784	3.961	4.140	4.024	4.361	4.430	4.236	4.518	4.503	4.145	11993	AUP1	NR_125891_6_+1
Sumo3	-3.372	-0.351	2.493	2.854	-1.855	-1.308	-0.427	-0.245	-1.513	0.360	20610	SUMO3	NR_125903_10_+1
Sumo3	4.285	4.918	3.158	3.357	2.694	3.470	2.626	2.626	2.289	1.730	20610	SUMO3	NR_125904_10_+1
Azin1	2.729	3.327	1.970	2.496	2.103	2.380	2.363	2.849	2.676	2.841	54375	AZIN1	NR_125913_15_-1
Mpdu1	2.088	2.029	1.765	1.274	1.894	1.674	1.417	0.476	1.175	0.879	24070	MPDU1	NR_125917_11_-1
Dnm1	-4.981	-4.244	-4.979	-4.979	-4.895	-4.969	-4.978	-4.980	-4.981	-4.981	13429	DNM1	NR_125959_2_-1
E4f1	0.538	-0.585	0.514	1.509	1.555	0.838	1.207	1.601	1.742	1.846	13560	E4F1	NR_125990_17_-1
Stk11	1.948	1.993	0.756	0.738	2.154	2.324	2.426	0.974	0.805	1.938	20869	STK11	NR_126043_10_+1
Fkbp1a	1.059	-0.386	0.502	-3.054	-1.401	-1.236	-0.816	-1.672	-0.221	-1.241	14225	FKBP1A	NR_126058_2_+1
G630064G18Rik	-4.981	-4.981	-4.238	-4.680	-4.122	-4.927	-4.870	-4.869	-4.981	-4.981	414128	NA	NR_126063_8_-1
Gm15972	0.544	0.907	-3.476	-3.437	-1.600	-2.144	-0.676	-1.216	-0.103	-0.520	100502834	NA	NR_126066_18_-1
Gm11423	3.859	2.951	1.612	1.260	1.726	2.006	1.760	1.496	1.513	0.074	100503272	NA	NR_126067_11_-1
Gm11423	2.496	2.118	1.322	1.061	0.820	0.557	0.797	0.645	-0.350	0.029	100503272	NA	NR_126068_11_-1
Cenpa	-0.950	-0.596	-0.566	-0.227	0.213	-1.198	0.407	-1.268	-0.191	-0.356	12615	CENPA	NR_126074_5_+1
4930447F24Rik	-2.352	-4.856	-4.975	-4.870	-4.981	-4.981	-4.947	-4.944	-4.981	-4.977	76873	NA	NR_126077_9_+1
A930002C04Rik	-4.981	-4.981	-3.058	-3.598	-4.976	-4.921	-4.960	-4.971	-4.981	-4.981	319467	NA	NR_126083_13_-1
Pde6g	-3.843	-1.349	-3.187	-3.345	-4.254	-4.037	-4.936	-4.882	-4.981	-4.981	18588	PDE6G	NR_126089_11_-1
Tmem138	1.822	2.286	0.214	1.198	0.757	1.457	-0.581	0.753	-1.828	-0.339	72982	TMEM138	NR_126092_19_-1
Dmpk	-4.872	-4.554	-2.537	-3.043	-1.656	-3.326	-3.714	-3.335	-2.924	-4.892	13400	DMPK	NR_126095_7_+1
Mrpl55	-0.640	1.330	-0.911	0.806	-1.577	0.980	-0.826	1.357	-0.798	0.921	67212	MRPL55	NR_126101_11_+1
Pik3r6	-3.420	-3.877	-0.724	-1.565	0.353	-0.565	1.038	-2.214	1.356	2.632	104709	PIK3R6	NR_126153_11_+1
Pik3r6	-4.538	-4.698	-3.876	-2.630	0.201	0.221	-0.379	0.738	2.667	2.674	104709	PIK3R6	NR_126154_11_+1
Clcn4	-1.200	-1.846	-1.916	-3.763	-1.808	-1.617	-2.026	-3.821	-4.661	-4.518	12727	CLCN4	NR_126156_7_-1
Clcn4	-1.555	-4.357	-4.667	-4.294	-3.719	-4.880	-4.367	-3.758	-1.736	-2.930	12727	CLCN4	NR_126157_7_-1
Phf1	2.678	3.129	1.765	1.739	2.185	2.633	1.818	2.734	2.442	2.394	21652	PHF1	NR_126158_17_+1
Gzmm	-4.981	-4.981	-3.603	-4.953	-4.964	-4.878	-4.954	-4.969	-4.512	-4.981	16904	GZMM	NR_126325_10_+1
Esr1	-2.925	-1.533	-1.763	-3.610	-1.133	-1.536	-1.542	-2.819	-0.717	-1.154	13982	ESR1	NR_126357_10_+1
3300002P13Rik	-2.842	-0.385	-2.559	-2.941	-2.996	-4.016	-3.960	-4.886	-4.981	-4.981	70230	NA	NR_126426_7_-1
Gm13985	-3.492	-4.981	-3.443	-3.929	-3.145	-3.733	-2.408	-2.460	-2.772	-4.156	100504728	NA	NR_126427_2_-1
1700095J12Rik	-4.981	-3.267	-4.248	-4.519	-3.731	-2.707	-4.458	-4.377	-3.134	-4.342	73563	NA	NR_126429_4_-1
4833415N18Rik	-4.981	-4.981	-4.805	-4.705	-4.981	-4.981	-4.364	-4.878	-4.981	-4.981	73761	NA	NR_126430_16_+1
4930597A21Rik	-4.981	-4.981	-4.853	-4.511	-4.714	-2.957	-4.974	-0.401	-4.981	-4.981	75389	NA	NR_126460_11_+1
Inpp5b	-4.309	-0.010	0.297	-1.626	-0.739	0.044	-2.768	-3.029	1.164	-0.515	16330	INPP5B	NR_126474_4_+1
Lyrn1	-1.026	-4.733	-4.475	-4.340	-2.397	-3.701	-3.416	-3.800	-1.061	-0.550	73919	LYRM1	NR_126475_7_+1
Gm13986	-4.981	-4.981	-4.981	-4.981	-4.970	-4.519	-4.979	-4.972	-1.625	-1.429	329496	NA	NR_126479_2_-1
6330415G19Rik	1.289	0.617	-0.057	-0.774	-0.584	-0.409	-1.085	0.154	-0.824	-0.813	320020	NA	NR_126484_17_+1
6330415G19Rik	-1.743	-4.981	-3.956	-4.942	-4.964	-4.129	-4.954	-4.976	-4.981	-4.981	320020	NA	NR_126485_17_+1
2210406O10Rik	-4.981	-4.981	-3.106	-4.878	-4.993	-3.946	-4.966	-4.737	-4.981	-4.981	76710	NA	NR_126489_5_-1
2210406O10Rik	-2.501	-4.981	-4.998	-2.924	-3.422	-4.597	-3.398	-4.216	-3.109	-4.316	76710	NA	NR_126490_5_-1
D030018L15Rik	-4.981	-4.981	0.714	0.399	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	402773	NA	NR_126492_15_-1
Iffo1	1.865	1.004	0.101	0.041	-0.458	0.062	0.504	0.165	3.048	1.958	320678	IFFO1	NR_126495_6_+1
Mdm4	4.484	4.673	5.225	5.102	5.597	5.741	5.104	4.949	4.074	4.821	17248	MDM4	NR_126506_1_-1
Chd6	3.625	3.726	3.297	3.749	4.129	4.097	3.826	3.145	1.991	2.673	71389	CHD6	NR_126509_2_-1
Oas1g	-4.981	-4.981	-2.925	-4.725	2.101	-2.257	2.582	-2.185	3.572	-0.456	23960	OAS1	NR_126529_5_-1
Gm1647	-3.099	-3.267	0.344	-0.546	0.226	-0.075	-0.011	-1.940	-3.204	-1.791	381452	NA	NR_126533_3_+1
Snrnp70	-1.587	-0.471	-1.272	-2.144	-0.400	0.029	-1.594	-0.906	2.086	1.842	20637	SNRNP70	NR_126538_7_-1
Snrnp70	3.640	3.968	4.504	4.367	4.454	4.937	4.442	4.660	5.514	5.946	20637	SNRNP70	NR_126539_7_-1
Mirc35hg	-1.329	-2.895	-4.988	-4.779	-3.735	-4.693	-4.569	-4.499	-3.290	-4.981	101447999	NA	NR_126540_6_-1
Far1os	-4.981	-3.315	-3.059	-3.816	-3.995	-4.212	-4.168	-4.514	-2.506	-3.003	69295	NA	NR_126544_7_-1
1700100I10Rik	-4.981	-4.981	-4.981	-4.981	-4.973	-4.632	-4.981	-4.981	-4.981	-4.981	74982	NA	NR_126548_14_-1
1700100I10Rik	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	74982	NA	NR_126549_14_-1
1700100I10Rik	-4.863	-4.426	-4.976	-4.961	-4.729	-4.974	-4.769	-4.947	-4.981	-4.981	74982	NA	NR_126550_14_-1
1700100I10Rik	-3.843	-2.275	-4.762	-4.539	-4.952	-4.952	-3.944	-4.356	-4.981	-4.981	74982	NA	NR_126551_14_-1
C030013C21Rik	-2.559	-1.591	-4.243	-2.595	-2.754	-2.164	-1.834	-1.387	-4.981	-4.981	77417	NA	NR_126552_11_-1
2500002B13Rik	-0.229	0.068	-2.560	-2.170	0.173	-0.376	1.118	0.890	1.249	3.131	78353	NA	NR_126553_8_+1
2500002B13Rik	0.101	-1.462	-2.923	-2.550	-1.804	-2.198	-3.657	-3.324	-4.981	-4.981	78353	NA	NR_126555_8_+1
2500002B13Rik	-4.783	-2.160	-3.798	-3.048	-3.311	-3.481	-2.715	-1.556	-0.285	2.499	78353	NA	NR_126556_8_+1
E230013L22Rik	-1.078	-1.780	-0.360	0.654	0.505	0.619	1.234	1.434	0.669	1.613	102132	NA	NR_126558_8_+1
4930447M23Rik	-4.981	-4.981	-4.374	-4.956	-3.788	-4.586	-3.806	-4.920	-4.981	-4.981	108871	NA	NR_126563_2_+1
Prmt2	-4.707	-0.682	-4.377	-3.922	-4.849	-4.911	-4.801	-4.865	-4.651	-4.871	15468	PRMT2	NR_126571_10_-1
Gm10371	-1.433	-3.315	-4.253	-2.417	-4.226	-2.741	-4.959	-3.171	-4.394	-2.593	100038654	NA	NR_126579_14_-1
Gm20219	-0.656	-0.028	-1.259	-0.569	-0.184	-1.084	-0.934	-1.078	-0.937	-1.431	100504425	NA	NR_130128_17_-1
Prdx6	2.758	2.348	1.845	1.170	2.917	3.067	3.005	2.317	2.234	1.943	11758	PRDX6	NR_130150_1_-1
4930480K23Rik	-1.679	-1.481	-3.380	-3.191	-3.183	-3.862	-3.292	-4.129	-2.614	-1.683	75016	NA	NR_130157_14_+1

4930594021Rik	-4.981	-4.981	-4.940	-4.979	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	75947	NA	NR_130161_3_+1
4930594021Rik	-4.981	-4.981	-4.522	-4.602	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	75947	NA	NR_130162_3_+1
4930480K23Rik	-0.326	-0.740	-1.466	-2.293	-1.364	-0.650	-1.364	-2.428	-3.254	-0.985	75016	NA	NR_130166_14_+1
6530403H02Rik	-3.324	-3.177	-1.969	-3.333	-3.159	-3.221	-3.281	-3.439	-3.201	-2.045	320739	NA	NR_130170_3_-1
1700099109Rik	-4.981	-3.061	-4.980	-4.178	-4.457	-4.932	-4.981	-4.981	-4.981	-4.981	76624	NA	NR_130171_13_+1
4930405022Rik	-2.413	-3.267	-2.782	-3.047	-2.705	-4.135	-3.811	-3.965	-4.981	-3.882	414079	NA	NR_130176_17_-1
Hus1	-0.072	0.402	-1.353	-0.659	-0.620	0.783	-1.627	-2.169	0.390	-2.047	15574	HUS1	NR_130178_11_-1
Gm16070	-4.981	-4.981	-3.255	-4.825	-3.656	-4.754	-4.489	-4.138	-3.595	-4.199	102634913	NA	NR_130314_1_-1
1700099109Rik	-2.925	-1.293	-4.335	-3.850	-4.130	-4.082	-3.941	-4.747	-4.394	-4.342	76624	NA	NR_130318_13_+1
Gm15326	4.055	0.128	-0.611	-4.002	-0.813	-3.367	-0.335	-3.396	0.849	-3.853	102636620	NA	NR_130345_13_+1
Msh5	-0.896	-4.108	-2.690	-3.369	-4.696	-2.414	-1.881	-3.870	-4.448	-4.923	17687	MSH5	NR_130640_17_-1
Msh5	-4.353	-4.338	-0.365	-2.565	-1.470	-2.847	-3.325	-2.414	-3.871	-4.605	17687	MSH5	NR_130641_17_-1
Kcnmb4os2	-4.981	-4.981	-0.155	-1.492	-4.778	-4.379	-4.548	-1.704	-3.322	-4.981	100504412	NA	NR_130644_10_+1
Dzip1	-2.157	-4.501	-1.954	-4.957	-3.405	-4.043	-3.143	-4.688	-4.932	-4.967	66573	DZIP1	NR_130725_14_-1
Rnf13	5.749	5.481	2.753	2.162	4.525	4.356	4.087	3.286	4.463	4.319	24017	RNF13	NR_130743_3_+1
Slc9a8	-0.545	1.264	-1.616	-1.332	-0.262	-2.280	0.086	-1.127	-1.779	0.628	77031	SLC9A8	NR_130767_2_+1
Cep41	1.446	1.211	0.464	-0.250	-0.179	-0.835	0.381	-1.743	-4.147	-2.138	83922	CEP41	NR_130775_6_-1
Cep41	-4.426	0.918	-4.275	-4.860	-2.845	-4.546	-4.395	-4.770	-4.500	-4.656	83922	CEP41	NR_130781_6_-1
Tbce	2.275	3.489	3.319	3.370	3.180	3.513	2.688	3.164	2.229	2.558	70430	TBCE	NR_130788_13_-1
2400006E01Rik	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	78648	NA	NR_130791_3_-1
Ctca3a1	-2.133	-4.981	-3.510	-3.400	-2.754	-2.502	-2.577	-3.201	-4.981	-2.932	12722	NA	NR_130895_3_-1
Pex26	-3.026	-1.429	-2.111	-2.214	-1.856	-2.475	-2.005	-4.541	-1.730	-3.368	74043	PEX26	NR_130903_6_+1
1500026H17Rik	-1.901	-0.990	-4.064	-3.806	-3.173	-4.777	-2.606	-3.525	-3.351	-3.481	69002	NA	NR_130956_10_+1
4632404H12Rik	1.406	2.046	1.222	1.168	1.446	1.323	0.893	1.229	0.894	0.921	74034	NA	NR_130957_3_-1
Brip1os	4.636	5.102	4.775	4.646	5.036	4.944	4.969	5.068	4.584	4.902	74038	NA	NR_130958_11_+1
Brip1os	-0.607	-2.297	-0.825	-0.731	-1.045	-1.577	-2.308	-2.203	-1.177	-0.751	74038	NA	NR_130959_11_+1
B230354K17Rik	-0.646	-0.267	2.989	1.987	1.669	2.167	2.032	1.672	1.365	2.262	105246278	NA	NR_130960_17_+1
B230354K17Rik	2.243	2.672	2.283	1.642	2.351	1.276	1.714	1.630	1.600	0.993	105246278	NA	NR_130961_17_+1
B230307C23Rik	3.842	3.346	3.768	3.490	2.932	2.560	3.193	2.888	2.898	2.412	245305	NA	NR_130962_16_+1
Gm14296	-1.803	-1.963	-4.670	-3.122	-3.967	-4.108	-4.570	-4.305	-4.009	-3.603	102639598	ZNF559-ZNF177	NR_130970_2_+1
Gm14296	-2.674	-1.255	-5.001	-3.130	-3.874	-4.245	-4.570	-4.305	-4.009	-3.603	102639598	ZNF559-ZNF177	NR_130970_dup1_2_-1
2210418010Rik	-1.822	-1.978	-4.675	-3.145	-4.025	-4.123	-4.586	-4.292	-4.013	-3.621	100504263	NA	NR_130971_2_+1
2210418010Rik	-2.684	-1.275	-5.002	-3.152	-3.937	-4.258	-4.586	-4.292	-4.013	-3.621	100504263	NA	NR_130971_dup1_2_-1
4930549C15Rik	-2.604	-4.981	-4.981	-4.981	-4.800	-4.764	-2.375	-3.364	-0.742	-3.167	75243	NA	NR_130981_12_+1
4930504C09Rik	-3.668	-3.267	-2.550	-4.189	-3.253	-4.487	-4.370	-4.398	-3.925	-4.342	75076	NA	NR_130983_15_+1
4930595D18Rik	-4.981	-4.981	-4.991	-4.237	-3.645	-4.482	-2.812	-4.060	-4.394	-2.629	78062	NA	NR_130987_12_-1
4930557K07Rik	-3.563	-3.267	-3.609	-3.853	-3.128	-3.736	-4.022	-4.433	-1.841	-1.787	78202	NA	NR_130997_6_-1
1810041H14Rik	-0.087	-0.401	2.267	2.344	3.476	3.891	3.045	1.782	-1.323	-0.840	78312	NA	NR_130999_14_-1
5430431A17Rik	-3.349	-1.736	-3.779	-3.177	-3.215	-3.654	-3.793	-4.817	-3.322	-3.527	71368	NA	NR_131001_7_+1
1810041H14Rik	-3.349	-4.981	-3.031	-2.222	-3.527	-3.587	-3.192	-3.950	-4.981	-4.981	78312	NA	NR_131002_14_-1
1700122C19Rik	-4.981	-4.981	-4.970	-4.970	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	78640	NA	NR_131008_19_+1
1700122C19Rik	-2.647	-3.315	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	78640	NA	NR_131009_19_+1
9530062K07Rik	0.942	-0.750	-0.996	-1.907	-0.841	-1.947	-0.073	-1.803	-2.753	-3.205	78739	NA	NR_131013_6_-1
4930455G09Rik	-1.108	-2.291	4.486	3.585	-0.558	-1.474	2.049	1.733	3.255	2.079	78917	NA	NR_131014_4_+1
5033403F01Rik	-1.753	-3.230	-2.243	-3.639	-2.187	-2.261	-2.630	-2.280	-4.190	-2.668	75958	NA	NR_131019_13_+1
4930512J16Rik	-4.981	-4.981	-1.228	-0.600	-4.761	-4.957	-3.806	-4.405	-4.981	-4.981	75131	NA	NR_131021_6_-1
0610039H22Rik	1.045	-3.408	-1.450	-4.524	-1.796	-4.739	-1.734	-4.337	-4.981	-4.981	68397	NA	NR_131025_11_+1
Cenpl	1.154	-0.016	0.588	1.031	0.731	0.888	0.843	0.787	-0.037	1.039	70454	CENPL	NR_131028_1_+1
Cenpl	-0.956	0.209	-0.561	0.623	-1.641	-4.778	-1.943	-2.241	-1.735	0.011	70454	CENPL	NR_131029_1_+1
Cenpl	0.562	0.192	0.725	0.848	1.244	0.676	1.547	1.855	1.177	0.848	70454	CENPL	NR_131030_1_+1
Atxn71os2	-0.475	-2.203	-0.221	-0.557	-0.528	-1.184	-1.521	-1.686	-0.777	-0.062	75836	NA	NR_131031_12_-1
LOC105246506	-3.004	-2.188	-2.340	-2.384	-1.697	-2.993	-2.175	-1.528	-0.374	-1.624	105246506	NA	NR_131039_18_+1
2010001A14Rik	2.176	2.488	0.726	1.048	0.516	1.286	0.567	0.474	0.004	0.477	76516	NA	NR_131042_11_-1
1700112J16Rik	-4.981	-1.693	-3.696	-3.788	-4.415	-4.902	-4.223	-4.539	-4.981	-4.981	76628	NA	NR_131043_7_-1
1700112J16Rik	-3.563	-3.267	-3.821	-4.285	-3.599	-3.595	-4.981	-3.778	-4.981	-4.981	76628	NA	NR_131044_7_-1
1700123J17Rik	-4.819	-4.318	-4.908	-4.978	-4.951	-4.979	-4.954	-4.978	-4.981	-4.981	76728	NA	NR_131046_7_-1
1700123J17Rik	-1.901	2.486	-3.356	-4.968	-3.489	-4.038	-3.346	-3.850	-4.981	-4.981	76728	NA	NR_131047_7_-1
2510003B16Rik	-1.075	-1.435	-2.521	-3.243	-1.360	-1.348	-2.956	-1.478	-1.971	-2.713	76786	NA	NR_131048_4_+1
4933404K13Rik	-1.512	-2.600	-4.873	-3.570	-4.936	-4.320	-4.945	-3.660	-4.981	-4.981	71018	NA	NR_131055_10_+1
Gm38415	-3.668	-3.315	-2.354	-2.781	-2.196	-3.000	-3.005	-4.366	-4.190	-4.316	330796	NA	NR_131056_8_-1
Gm27162	-3.668	-3.408	-3.904	-4.804	-4.652	-3.885	-3.614	-4.936	-4.981	-4.981	330917	NA	NR_131058_9_-1
BCD46251	-4.981	-4.981	-2.765	-3.999	-4.237	-4.709	-3.632	-4.390	-4.981	-4.981	407810	NA	NR_131060_7_+1
Exosc10	3.596	1.173	2.394	2.293	2.008	2.248	0.118	1.923	2.513	2.440	50912	EXOSC10	NR_131061_4_+1
Exosc10	-0.587	1.712	1.278	0.855	-0.031	0.712	-0.704	0.912	0.723	0.890	50912	EXOSC10	NR_131062_4_+1
Nol9	0.972	-0.499	-0.339	1.487	1.427	1.304	1.453	0.686	0.836	-4.359	74035	NOL9	NR_131076_4_+1
9530020I12Rik	-2.483	-2.344	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	77442	NA	NR_131084_12_-1
4831407H17Rik	-0.476	-4.981	-4.981	-4.981	-4.979	-4.979	-4.965	-4.350	-2.614	-2.962	77710	NA	NR_131095_14_+1
9430065F17Rik	-0.644	-4.981	-2.285	-4.316	-1.566	-4.437	-4.209	-4.921	-3.750	-4.981	77857	NA	NR_131098_13_+1
9430065F17Rik	-4.981	-4.981	-4.881	-4.975	-4.277	-4.976	-4.621	-4.980	-4.394	-4.981	77857	NA	NR_131100_13_+1
9630013K17Rik	-4.981	-4.981	-4.480	-4.332	-4.593	-4.805	-4.695	-4.623	-3.373	-4.342	78883	NA	NR_131111_11_+1
9630028I04Rik	-3.563	-4.981	1.236	1.757	2.937	3.689	2.957	2.788	-0.462	-0.306	319720	NA	NR_131118_17_-1
Tardbp	2.128	0.633	1.275	1.600	1.638	1.779	1.089	0.852	0.524	1.111	230908	TARDBP	NR_131120_4_-1
4930533N22Rik	-3.843	-4.981	-4.277	-4.159	-3.795	-4.781	-4.205	-4.720	-2.433	-3.421	75205	NA	NR_131122_7_+1
9330136K24Rik	-2.319	-0.679	-0.305	-0.698	-0.638	-1.598	-0.959	-1.164	-1.572	-0.766	319870	NA	NR_131123_17_-1

A430078I02Rik	-1.466	-4.393	-4.782	-4.917	-2.702	-3.910	-2.399	-4.864	-4.744	-4.916	320486	NA	NR_131125_6_-1
A430078I02Rik	-0.322	-0.127	-1.093	-0.625	0.396	1.394	-0.309	-0.183	-1.852	-0.611	320486	NA	NR_131126_6_-1
C230072F16Rik	-1.422	-1.036	-4.974	-4.470	-4.948	-4.351	-4.798	-4.991	-4.981	-4.981	320784	NA	NR_131127_17_+1
C230072F16Rik	-4.981	-4.981	-4.509	-4.246	-3.386	-4.304	-3.156	-4.335	-4.045	-2.807	320784	NA	NR_131128_17_+1
Gm12018	-3.189	-4.981	-1.798	-2.793	-2.818	-3.335	-2.792	-4.098	-2.440	-2.895	327872	NA	NR_131129_11_+1
Gm16223	-4.981	-2.771	-4.996	-3.080	-4.944	-2.398	-4.959	-2.816	-4.232	-1.813	433882	NA	NR_131130_5_+1
Gm21859	-4.981	-1.615	-4.930	-4.930	-4.981	-4.981	-4.981	-4.981	-3.196	-4.342	545180	NA	NR_131135_16_-1
Gm29683	-4.981	-4.981	-3.783	-4.780	-3.658	-4.792	-4.166	-4.885	-3.351	-4.981	624549	NA	NR_131144_7_-1
Gm6961	-1.709	-0.328	-4.970	-4.763	-4.981	-4.981	-4.936	-4.906	-4.981	-4.981	629300	NA	NR_131148_15_-1
A430046D13Rik	2.850	3.090	0.835	0.281	1.520	1.318	1.581	1.378	2.590	2.531	654440	NA	NR_131150_10_+1
A430046D13Rik	1.767	1.735	-0.312	-1.270	1.277	0.994	1.503	1.512	2.626	2.467	654440	NA	NR_131151_10_+1
Gm8013	0.738	0.457	-0.640	-0.691	0.107	-0.550	-0.166	-0.590	-1.307	-0.409	666266	NA	NR_131152_5_+1
Gm3704	-1.451	-2.349	-4.414	-2.291	-1.184	-2.208	-1.835	-1.707	-1.046	-2.138	100042166	NA	NR_131166_5_+1
Apoa2	-4.981	-4.981	-4.473	-4.763	-4.546	-4.922	-4.956	-4.629	-3.738	-4.227	11807	APOA2	NR_131173_1_+1
Hotairm1	-4.981	-2.365	-1.910	-2.876	-1.465	-2.558	-0.788	-2.136	-0.333	-0.827	105242658	NA	NR_131181_6_+1
Hoxaas2	-3.487	-4.981	-4.393	-3.807	-2.492	-3.608	-3.310	-4.110	-4.981	-4.981	105242657	NA	NR_131182_6_+1
Ttc39aos1	-1.901	-1.729	2.880	3.436	-4.599	-3.155	-4.928	-3.011	-4.981	-4.981	102635290	NA	NR_131195_4_-1
Bloodlinc	-4.981	-3.267	-4.944	-4.944	-4.930	-4.316	-4.542	-4.683	-4.981	-4.981	105463053	NA	NR_131196_11_-1
Ggnbp2os	4.233	3.863	1.608	1.984	2.471	3.240	2.121	2.138	0.776	0.182	102635561	NA	NR_131197_11_+1
Ggnbp2os	2.773	2.782	1.467	1.125	1.737	1.630	1.762	1.060	1.013	1.015	102635561	NA	NR_131201_11_+1
Gm35612	-2.686	-4.981	-2.039	-4.353	-2.730	-3.707	-4.828	-3.653	-4.981	-3.527	102639259	NA	NR_131207_X_+1
Themis	-4.981	-4.981	-4.397	-4.654	-4.926	-4.278	-4.981	-4.015	-4.981	-4.981	210757	THEMIS	NR_131208_10_+1
Neat1	5.315	5.725	5.992	6.180	6.932	7.268	6.610	6.003	6.761	6.437	66961	NA	NR_131212_19_-1
Akap8	-1.854	-3.129	0.766	1.039	0.611	0.136	0.624	0.971	3.527	2.949	56399	AKAP8	NR_131218_17_-1
Akap8	3.336	3.757	2.698	2.989	3.087	3.630	3.369	3.149	3.102	3.600	56399	AKAP8	NR_131219_17_-1
Ttpal	0.355	-0.169	1.161	-0.164	-3.257	-1.991	-1.114	-0.841	1.933	0.520	76080	TTPAL	NR_131225_2_+1
Pank4	3.053	3.252	3.382	2.796	3.838	3.755	3.577	3.460	3.506	3.394	269614	PANK4	NR_131230_4_+1
Limk1	-4.957	-1.648	-1.081	-1.005	-1.815	-1.383	-2.815	-2.335	-0.242	-1.774	16885	LIMK1	NR_131247_5_-1
Carlr	-4.981	-4.981	-3.577	-4.932	-4.069	-4.032	-4.981	-4.981	-4.981	-4.981	66774	NA	NR_131254_2_-1
Fcho1	1.236	1.924	2.111	1.121	1.041	0.696	0.226	-0.118	1.366	-0.035	74015	FCHO1	NR_131256_8_-1
Tnfrsf23	-4.756	-4.981	-4.733	-0.644	-4.454	-4.350	-2.513	-4.959	-0.617	-4.795	79201	NA	NR_131763_7_-1
Mtrr	0.151	-2.011	0.071	-1.530	-1.073	-0.913	0.335	-0.711	-0.774	-1.184	210009	MTRR	NR_131892_13_-1
Porcn	-4.981	-4.981	-1.067	0.317	-2.385	-1.386	-2.648	-1.611	-0.724	0.379	53627	PORCN	NR_131893_X_-1
Cdkal1	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.954	-4.968	-4.981	-4.981	68916	CDKAL1	NR_131896_13_-1
Mrgpra6	4.209	4.370	5.102	4.927	5.387	5.493	4.807	4.478	4.131	4.441	381886	NA	NR_131899_7_-1
Hymai	-4.981	-4.981	-2.534	-3.768	-1.212	-1.970	-2.099	-3.963	-3.925	-4.981	338438	NA	NR_131912_10_+1
Lincred1	-4.981	-2.353	-4.963	-2.999	-4.253	-4.194	-4.990	-2.950	-1.695	-2.993	100996933	NA	NR_131913_2_+1
Gm12866	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.981	-4.227	433751	NA	NR_131914_4_-1
Etaa1os	-0.291	-4.981	0.252	-4.011	-2.228	-4.913	-1.850	-4.602	-2.106	-4.981	102633673	NA	NR_131915_11_+1
Etaa1os	-2.123	0.031	-1.405	-1.171	-2.372	-1.599	-1.870	-1.268	-3.109	-2.010	102633673	NA	NR_131916_11_+1
Ube4bos3	-4.981	-2.997	-3.848	-2.946	-2.434	-3.990	-2.630	-3.692	-2.343	-1.715	74310	NA	NR_131918_4_+1
Kif16bos	-4.981	-3.315	-4.108	-4.571	-4.348	-4.498	-4.200	-4.876	-4.981	-4.316	75053	NA	NR_131921_2_+1
D5Ert615e	0.527	-1.776	-1.956	-3.534	-2.732	-2.597	-2.617	-2.897	-1.807	-2.241	52401	NA	NR_131933_5_-1
Pum3	-0.693	-4.981	-4.808	-2.448	-2.172	-2.932	-0.869	-3.435	-1.734	-2.645	52874	PUM3	NR_131940_19_-1
Zfp950	-4.981	-4.981	-2.495	-3.503	-4.536	-4.822	-3.552	-4.153	-1.542	-3.998	414758	NA	NR_131953_19_-1
Zfp950	3.832	3.588	2.229	1.533	2.617	1.401	2.083	1.516	1.786	1.960	414758	NA	NR_131954_19_-1
Zfp950	3.749	1.788	1.641	0.296	2.250	1.251	1.994	0.366	1.698	-0.406	414758	NA	NR_131955_19_-1
Zfp950	2.158	-4.981	-0.735	-4.810	0.242	-4.910	0.174	-4.947	-0.557	-4.943	414758	NA	NR_131956_19_-1
Panct2	-4.981	-4.981	-1.790	-1.569	-4.985	-4.769	-4.887	-3.917	-0.829	-4.981	329217	NA	NR_131964_1_+1
Mdrl	0.103	-0.334	-1.626	-1.515	-1.486	-2.313	-1.279	-3.704	-1.120	-1.734	69591	NA	NR_131979_X_-1
Magef1	4.352	4.122	3.866	3.578	2.783	2.783	2.791	3.010	2.504	2.488	76222	NA	NR_131983_16_-1
LOC100049077	2.045	0.966	-0.110	-0.217	-0.477	-0.737	-0.704	-0.869	-0.764	-1.274	100049077	NA	NR_132099_9_-1
Mir155hg	-0.438	-0.907	1.915	1.078	0.178	-0.172	0.535	-0.532	-4.981	-4.227	100653389	NA	NR_132106_16_+1
Gbp11	-4.981	-3.738	-4.975	-4.670	-4.553	-4.825	-3.681	-3.995	-4.981	-4.981	634650	GBP6	NR_132129_5_-1
Clec7a	-2.516	-2.098	1.719	2.611	2.173	2.885	4.670	6.864	4.521	7.617	56644	CLEC7A	NR_132130_6_-1
Borcs8	1.045	2.327	0.557	0.369	0.188	-0.012	-0.912	-0.146	-0.006	-0.725	72368	BORCS8	NR_132131_8_+1
Borcs8	1.778	2.830	0.395	0.879	0.790	1.641	0.537	0.046	-0.012	0.113	72368	BORCS8	NR_132132_8_+1
Borcs8	-1.017	-0.803	-2.936	-3.320	-2.578	-2.380	-1.961	-2.290	-1.787	-1.161	72368	BORCS8	NR_132133_8_+1
Cox16	-3.138	-2.272	-4.905	-4.464	-4.933	-4.697	-4.456	-4.971	-2.857	-3.962	66272	COX16	NR_132134_12_-1
Cox16	-0.810	-0.076	-1.366	-1.907	-2.302	-3.401	-1.124	-2.483	-2.866	-1.979	66272	COX16	NR_132135_12_-1
Synj2bp	2.984	3.395	3.256	2.946	2.166	1.736	2.315	2.841	2.208	2.859	24071	SYNJ2BP	NR_132136_12_-1
Synj2bp	-0.863	-2.529	0.205	-0.393	-0.209	-0.339	-0.644	-1.129	-0.117	-1.307	24071	SYNJ2BP	NR_132142_12_-1
Pold4	1.445	1.381	1.801	1.593	1.475	1.961	1.444	2.033	1.156	0.979	69745	POLD4	NR_132280_19_+1
Clcf1-pold4	-4.981	-4.981	-4.981	-4.981	-4.725	-4.954	-4.361	-4.548	-3.203	-4.981	105948585	NA	NR_132308_19_+1
Clcf1-pold4	-3.145	-4.981	-3.440	-4.205	-3.772	-4.301	-4.930	-4.955	-2.519	-4.981	105948585	NA	NR_132309_19_+1
Dpm1-adnp	6.090	6.138	5.777	5.579	5.797	5.793	5.460	5.157	4.647	4.992	105980075	NA	NR_132310_2_-1
Rnf8-cmtr1	3.162	2.743	2.867	2.354	2.776	2.857	2.509	2.290	2.614	2.275	106014251	NA	NR_132314_17_+1

033442_dup1_17_-_1

083955_dup1_11+_2

097979_dup1_13+_1

.00109_dup1_12+_2

.00116_dup1_12+_2

.01656_dup1_11_-1

.01657_dup1_11_-1

10555_dup1_13+_1

123367_dup1_17_-2

123367_dup2_17_-3

123368_dup1_17_-3

66627_dup1_17_-1

66630_dup1_17_-1

66636_dup1_10_+2

66636_dup2_10_-1

66637_dup1_10_+1

66637_dup2_10_+2

.77538_dup1_14_+2
.77538_dup2_14_+3

.77539_dup1_14_+2
.77539_dup2_14_+3

.77544_dup1_13_-1

42941_dup1_14+_2

42945_dup1_14+_2

43067_dup1_10+_2

56501_dup1_14_+_2

56885_dup1_14_+_2

56886_dup1_14_-_2

70495_dup1_14_-2
70495_dup2_14_-3

70496_dup1_14_-2
70496_dup2_14_-3

70498_dup1_14_-2
70498_dup2_14_-3

70499_dup1_14_-2
70499_dup2_14_-3

70503_dup1_14_-2
70503_dup2_14_-3

70806_dup1_14_+3
70806_dup2_14_+1

91093_dup1_14_-2

91094_dup1_14_-2

