

Gene	LogFc	Pval	L328	L329	L330	L331
ENSG00000144668 ITGA9	2.07	0.000137	7.015	6.279546	6.355092	6.828373
ENSG00000116962 NID1	1.79	0.000804	7.64073	8.424342	7.454719	8.178835
ENSG00000179855 GIPC3	2.63	0.000981	1.288361	1.230391	0.435207	2.601464
ENSG00000060718 COL11A1	8.15	0.001232	0.305235	6.23938	-3.10911	5.224466
ENSG00000008277 ADAM22	3.43	0.001322	1.620438	3.701697	2.465796	1.450684
ENSG00000182704 TSKU	1.83	0.001384	2.245293	2.725156	3.206791	3.456784
ENSG00000173068 BNC2	-2.66	0.001418	7.130749	8.227314	7.235553	7.62434
ENSG00000110080 ST3GAL4	1.52	0.001847	4.368819	5.09469	4.665674	4.385025
ENSG00000115306 SPTBN1	1.09	0.001951	9.814826	10.02793	9.654722	9.782436
ENSG00000120645 IQSEC3	5.13	0.00217	0.088424	-0.64408	4.708936	1.943081
ENSG00000152137 HSPB8	2.9	0.002294	-0.72871	2.018887	0.515378	1.12263
ENSG00000237887 RPL23AP32	1.69	0.002388	3.023629	2.6682	1.992425	3.204666
ENSG00000169855 ROB01	1.62	0.002747	6.269677	7.366776	7.342441	7.258476
ENSG00000124225 PMEPA1	1.32	0.002848	4.124523	4.626451	3.719552	4.271945
ENSG00000175556 LONRF3	1.49	0.003426	2.982258	3.249931	2.465796	2.862662
ENSG00000018625 ATP1A2	4.31	0.003457	-0.26305	3.249931	0.260121	-1.26203
ENSG00000237161 RP11-32B5.1	3.86	0.003581	-0.36614	-1.09154	-1.52415	0.697324
ENSG00000149485 FADS1	1.13	0.003728	4.502852	4.55494	4.94436	4.593181
ENSG00000147459 DOCK5	2.71	0.003939	4.916518	6.236117	3.242562	5.891096
ENSG00000099954 CECR2	4.59	0.004191	0.551396	1.924765	-2.37215	2.78721
ENSG00000146938 NLGN4X	4.12	0.004213	1.028718	4.220521	-0.60661	-1.6246
ENSG00000071575 TRIB2	1.32	0.004453	4.983569	5.600048	5.402639	5.648859
ENSG00000080854 IGSF9B	2.76	0.004648	1.593216	3.041488	2.176289	1.676566
ENSG00000135362 PRR5L	2.19	0.004875	3.122145	1.858422	1.138814	2.862662
ENSG00000173110 HSPA6	2.25	0.004997	4.260513	3.128511	2.505597	4.359204
ENSG00000119900 OGFRL1	-1.1	0.004998	6.270751	6.398128	6.296737	6.533104
ENSG00000196502 SULT1A1	1.55	0.005204	2.227699	3.552319	2.636841	2.968921
ENSG00000213197 ACO12066.1	1.74	0.005231	2.558451	2.815353	3.409212	3.035647
ENSG00000133874 RNF122	1.66	0.005374	2.60007	3.071083	1.534743	2.010985
ENSG00000122778 KIAA1549	1.58	0.005889	3.676632	4.922737	4.197708	3.39459
ENSG00000134030 CTIF	1.07	0.005949	4.577675	4.636383	4.630105	4.126462
ENSG00000124181 PLCG1	1.2	0.005952	7.87809	7.4634	7.927289	7.702788
ENSG00000151640 DPYSL4	3.63	0.006187	-1.6616	3.262812	2.525093	-0.97253
ENSG00000167173 C15orf39	1.15	0.006258	4.957121	5.327082	4.734284	5.270214
ENSG00000159208 CIART	1.92	0.006288	1.724461	1.598778	1.138814	1.717788
ENSG00000053747 LAMA3	-3.35	0.006541	9.867345	9.11359	8.45583	7.218644
ENSG00000151338 MIPOL1	4.26	0.006667	-1.6616	1.331674	-3.10911	-0.03964
ENSG00000141052 MYOCD	3.9	0.006704	-1.6616	2.048944	-1.23464	-0.52507
ENSG00000107679 PLEKHA1	1.05	0.007132	4.967759	4.400316	5.072453	5.013056
ENSG00000121236 TRIM6	2.36	0.007169	1.321914	0.734433	0.797777	1.834828
ENSG00000116791 CRYZ	-1.87	0.00719	4.601778	4.544428	5.180906	4.636819
ENSG00000128849 CGNL1	2.78	0.007255	6.455927	6.201412	3.242562	5.162366
ENSG00000126970 ZC4H2	2.93	0.007307	-0.59747	0.092887	1.414449	0.853443
ENSG00000185052 SLC24A3	4.04	0.007488	-1.21414	1.824071	-1.88672	3.929985
ENSG00000136542 GALNT5	3.55	0.007669	-0.8731	2.482454	-3.10911	2.010985
ENSG00000129946 SHC2	3.76	0.008137	-0.26305	3.775461	-2.37215	1.12263
ENSG00000165434 PGM2L1	1.51	0.008172	4.315682	4.132026	5.710001	4.735459
ENSG00000204186 ZDBF2	3.32	0.008182	2.873324	6.456759	1.087284	3.61789
ENSG00000272391 POM121C	0.93	0.008253	5.953781	6.390812	6.175518	6.026448

ENSG00000146350 TBC1D32	-1.08	0.008395	6.444549	6.474863	6.320642	5.902314
ENSG00000213190 MLLT11	2.69	0.008939	1.145757	1.331674	-0.44615	-0.3445
ENSG00000106070 GRB10	1.61	0.009153	5.835347	6.304678	5.9933	7.454119
ENSG00000068885 IFT80	-2.56	0.009226	4.085985	4.586022	4.179368	4.171667
ENSG00000106004 HOXA5	2.58	0.009227	-1.03357	0.092887	0.060812	0.091603
ENSG00000163491 NEK10	-1.54	0.009277	4.46581	3.928811	4.565668	4.750435
ENSG00000107518 ATRNL1	2.99	0.009669	0.49368	1.891975	0.435207	0.091603
ENSG00000134569 LRP4	2.09	0.009673	5.252923	3.562773	2.927976	4.553883
ENSG00000100031 GGT1	1.56	0.009782	3.764667	2.163277	3.460742	3.407245
ENSG00000133083 DCLK1	-1.75	0.009846	6.401062	5.50024	5.111668	6.194663
ENSG00000118276 B4GALT6	2.95	0.009972	-0.47717	1.98819	3.520243	0.426022
ENSG00000110042 DTX4	2.96	0.01009	1.321914	3.810975	-0.60661	3.801661
ENSG00000125648 SLC25A23	2.54	0.010171	0.164373	1.924765	-0.30176	0.091603
ENSG00000182054 IDH2	1.09	0.010195	6.143999	6.535831	5.705736	5.884323
ENSG00000106397 PLOD3	1.03	0.010271	6.040732	6.379029	6.610276	6.886019
ENSG00000105825 TFPI2	4.14	0.010483	0.008254	-1.09154	3.013283	2.601464
ENSG00000173992 CCS	1.13	0.010532	3.390723	2.743652	3.182441	3.355944
ENSG00000147119 CHST7	2.21	0.010552	1.934253	0.875296	1.992425	0.091603
ENSG00000207761 MIR329-1	3.25	0.011021	0.809708	-0.85053	-3.10911	1.400931
ENSG00000158636 C11orf30	1.02	0.011055	6.017882	6.162418	6.282488	6.84591
ENSG00000127511 SIN3B	0.88	0.011121	6.008897	5.558862	5.710001	6.104288
ENSG00000118473 SGIP1	3.23	0.011332	1.028718	4.022678	1.033845	3.772612
ENSG00000084207 GSTP1	1.79	0.011542	5.489073	4.914598	3.182441	4.936548
ENSG00000149428 HYOU1	1.05	0.011689	6.267526	6.71406	6.848473	6.395384
ENSG00000165995 CACNB2	5.03	0.011745	-2.7991	4.411927	-4.69408	2.438406
ENSG00000008517 IL32	1.9	0.01192	5.035054	2.706419	4.023601	4.447624
ENSG00000130037 KCNA5	4.99	0.01192	-1.03357	0.875296	-4.69408	-2.847
ENSG00000198908 BHLHB9	1.28	0.011949	2.245293	2.078388	2.505597	2.010985
ENSG00000267041 ZNF850	-1.35	0.012109	5.617907	5.032114	4.630105	5.558145
ENSG00000108984 MAP2K6	1.48	0.01222	1.593216	2.460258	2.757135	2.167954
ENSG00000008256 CYTH3	-0.86	0.012394	6.370323	6.576381	6.824086	6.670673
ENSG00000182871 COL18A1	1.46	0.012406	7.548963	7.836779	7.274951	8.94213
ENSG00000170113 NIPA1	1.55	0.012543	3.141065	2.414815	3.856671	2.197398
ENSG00000145390 USP53	-0.96	0.012737	5.829526	5.742503	5.686385	6.237812
ENSG00000162129 CLPB	1.23	0.012743	3.864812	3.15639	4.331064	3.885454
ENSG00000244026 FAM86DP	-2.44	0.012838	4.837523	3.48795	4.616537	3.692162
ENSG00000160932 LY6E	-1.34	0.013365	4.854819	4.53384	4.215817	4.397764
ENSG00000184232 OAF	2.1	0.013565	2.173591	3.114367	0.060812	2.438406
ENSG00000185829 ARL17A	-1.25	0.013669	5.924048	5.794436	6.031291	5.591795
ENSG00000001036 FUCA2	-0.9	0.013701	6.328635	6.244259	5.977465	6.210995
ENSG00000110497 AMBRA1	0.93	0.013925	6.485838	5.683849	6.160013	6.11204
ENSG00000160469 BRSK1	1.64	0.013963	2.627163	3.476937	3.300278	2.1072
ENSG00000010219 DYRK4	1.67	0.014058	2.96112	3.960784	5.174747	3.456784
ENSG00000109107 ALDOC	2.76	0.014062	2.884595	2.504314	0.591327	1.240466
ENSG00000068971 PPP2R5B	1.77	0.014222	4.31984	3.183741	5.772511	4.519326
ENSG00000136141 LRCH1	1.11	0.014324	5.40547	6.398128	5.92706	6.472676
ENSG00000112541 PDE10A	-1.37	0.014401	7.186456	5.96965	6.01242	6.636148
ENSG00000129244 ATP1B2	2.61	0.014749	0.711861	1.426311	-1.88672	0.994306
ENSG00000184500 PROS1	-1.85	0.01518	5.609441	6.282712	4.87388	4.905663
ENSG00000159433 STARD9	0.72	0.015352	7.535619	7.593371	7.5689	7.573315

ENSG00000160991	ORAI2	1.09	0.015391	2.827338	2.849911	3.182441	2.880924
ENSG00000198837	DENND4B	0.9	0.015441	5.798579	5.602583	6.126901	6.411177
ENSG00000135679	MDM2	-3.02	0.015447	12.08521	10.82193	11.86116	9.251365
ENSG00000107554	DNMBP	0.91	0.015577	5.527328	6.347633	5.919714	5.783574
ENSG00000104313	EYA1	6.11	0.015751	-2.7991	2.525847	1.645774	-2.11003
ENSG00000135144	DTX1	3.22	0.015861	0.370824	0.940884	-0.60661	-4.43196
ENSG00000167641	PPP1R14A	4.38	0.015862	-1.03357	2.932847	-4.69408	1.590409
ENSG00000198502	HLA-DRB5	-4.97	0.015866	8.252515	6.313991	5.035545	8.250816
ENSG00000017483	SLC38A5	1.99	0.015911	0.761614	1.426311	-0.78719	1.295962
ENSG00000149090	PAMR1	4.03	0.016078	-0.16683	1.379768	-0.17051	-0.3445
ENSG00000184206	GOLGA6L4	1.17	0.016095	5.057635	4.741353	6.175518	5.093562
ENSG00000169169	CPT1C	2.12	0.016188	2.96112	4.507023	0.797777	2.533825
ENSG00000070018	LRP6	1.63	0.016206	8.03078	7.344985	7.487387	7.599053
ENSG00000111885	MAN1A1	-1.28	0.016338	6.085374	6.23938	7.445795	6.460584
ENSG00000005471	ABCB4	4.16	0.016443	2.767714	3.262812	-3.10911	2.075836
ENSG00000114978	MOB1A	-0.81	0.016542	6.132227	6.364164	6.270987	6.181831
ENSG00000075240	GRAMD4	1.15	0.016809	3.947749	3.66335	4.77963	4.658154
ENSG00000186318	BACE1	0.89	0.017018	3.958455	4.060056	3.894639	3.998494
ENSG00000126261	UBA2	-0.77	0.017546	7.777005	7.600365	7.592771	7.739531
ENSG00000146858	ZC3HAV1L	1.17	0.017575	3.275575	4.09649	4.209806	3.551035
ENSG00000110711	AIP	0.92	0.017665	4.234322	3.682651	4.070796	4.079794
ENSG00000135916	ITM2C	1.47	0.01775	3.482597	3.784421	2.445476	4.134095
ENSG00000263934	SNORD3A	-1	0.017839	10.11083	9.325836	9.846839	10.33659
ENSG00000179335	CLK3	1.06	0.018097	4.943713	5.050802	5.092194	4.735459
ENSG00000149269	PAK1	1.02	0.018126	5.709486	5.22217	6.123707	6.192837
ENSG00000213672	NCKIPSD	1.2	0.018128	3.414246	3.071083	3.916949	3.035647
ENSG00000147180	ZNF711	2.92	0.018689	3.073727	5.844565	3.817677	1.349401
ENSG00000129515	SNX6	-0.81	0.018723	6.810816	7.357048	6.927518	7.334156
ENSG00000162191	UBXN1	0.84	0.018901	5.092075	5.13378	5.156111	5.529491
ENSG00000237541	HLA-DQA2	2.05	0.019084	0.901338	2.190498	0.435207	3.492854
ENSG00000188783	PRELP	3.03	0.019409	2.627163	5.039618	-1.52415	-0.03964
ENSG00000178115	GOLGA8Q	1.71	0.019493	0.94506	2.900242	1.455671	3.302751
ENSG00000149557	FEZ1	1.34	0.019678	3.61029	3.223818	3.344843	3.48093
ENSG00000105650	PDE4C	2	0.019702	3.390723	1.788881	3.7776	3.639503
ENSG00000261794	GOLGA8H	2.55	0.019999	0.761614	1.752812	0.663476	0.522237
ENSG00000232653	GOLGA8N	1.14	0.020009	3.159741	4.193865	3.902114	4.271945
ENSG00000275126	HIST1H4L	2.35	0.020494	2.330182	1.638856	-1.52415	2.362457
ENSG00000076242	MLH1	-1.78	0.020496	6.602205	6.645633	7.056213	6.910671
ENSG00000183666	GUSBP1	0.96	0.020586	4.560209	4.303899	3.801779	4.593181
ENSG00000109854	HTATIP2	1.2	0.02076	4.203151	3.920706	3.430046	4.422909
ENSG00000007933	FMO3	3.32	0.020805	-0.36614	1.00362	-3.10911	2.462859
ENSG00000207989	MIR493	3.31	0.020903	-1.03357	-1.38104	-4.69408	-0.03964
ENSG00000102385	DRP2	3.17	0.021048	2.838972	-0.15865	3.277468	0.522237
ENSG00000124440	HIF3A	3.51	0.021058	1.478883	1.00362	3.510495	-0.03964
ENSG00000103710	RASL12	1.74	0.021359	2.815608	3.288235	0.920634	2.075836
ENSG00000178802	MPI	1.01	0.021372	4.010828	4.132026	4.358492	3.492854
ENSG00000277203	F8A1	3.26	0.021586	-3.53607	0.940884	-2.37215	2.197398
ENSG00000230373	GOLGA6L5P	1.26	0.021668	6.377321	5.185433	6.893233	5.67264
ENSG00000166349	RAG1	2.64	0.021754	3.414246	-0.02741	0.435207	0.211897
ENSG00000133216	EPHB2	-2.04	0.022152	5.035054	6.736166	6.727463	5.069878

ENSG00000103034 NDRG4	1.36	0.022477	1.354704	2.948877	2.38274	2.282287
ENSG00000091262 ABCC6	1.99	0.022578	0.164373	2.107243	0.163905	0.612435
ENSG00000106025 TSPAN12	2.65	0.022857	3.063846	3.011274	-1.88672	2.623324
ENSG00000077097 TOP2B	-0.84	0.023075	8.800904	9.02705	9.479523	8.703911
ENSG00000165458 INPPL1	0.87	0.023097	6.992387	6.562122	7.434241	7.207834
ENSG00000127946 HIP1	0.81	0.023116	5.963115	6.044289	5.664576	5.902314
ENSG00000103855 CD276	0.88	0.023151	6.09025	6.312443	5.816688	5.835998
ENSG00000144810 COL8A1	2.45	0.02318	2.191854	4.015085	-0.44615	1.349401
ENSG00000169919 GUSB	0.68	0.023417	6.18218	6.287447	6.483967	6.267614
ENSG00000072195 SPEG	-2.41	0.023508	6.315162	5.248313	7.676884	5.443022
ENSG00000163751 CPA3	3.15	0.02356	0.606891	2.135532	-3.10911	2.556726
ENSG00000226259 GTF2H2B	2.49	0.023587	-0.16683	0.734433	0.515378	3.562395
ENSG00000136630 HLX	1.53	0.023688	3.81855	3.775461	2.339347	3.929985
ENSG00000123609 NMI	-0.88	0.023714	5.4946	6.016036	5.386742	5.685684
ENSG00000111328 CDK2AP1	0.98	0.023859	4.784358	4.580888	4.962349	5.004753
ENSG00000144476 ACKR3	1.41	0.023894	3.864812	3.643788	5.079064	4.82307
ENSG00000153253 SCN3A	3.42	0.024126	2.61368	1.924765	-1.23464	-0.3445
ENSG00000132000 PODNL1	2.66	0.024163	-2.31367	2.135532	-0.17051	-1.26203
ENSG00000134775 FHOD3	5.04	0.024433	-1.9511	4.152935	5.63123	3.368941
ENSG00000177694 NAALADL2	-1.64	0.024899	3.746249	4.694584	3.659071	3.990106
ENSG00000162636 FAM102B	-1.01	0.024955	5.631351	6.060978	5.939828	5.2137
ENSG00000150687 PRSS23	1.46	0.024968	4.480741	5.582173	4.488319	4.559563
ENSG00000175582 RAB6A	0.7	0.025114	6.591068	6.854704	6.905372	6.664097
ENSG00000198795 ZNF521	1.29	0.02512	5.213244	6.459559	6.765868	6.17074
ENSG00000164751 PEX2	-1.08	0.025329	5.106586	5.171839	5.798779	5.627386
ENSG00000117318 ID3	2.55	0.025503	4.524629	3.476937	-0.44615	3.261528
ENSG00000033327 GAB2	1.06	0.025509	5.855535	6.187968	4.915103	6.243116
ENSG00000187796 CARD9	1.48	0.025828	2.209887	1.858422	0.860513	2.644857
ENSG00000205363 C15orf59	1.53	0.026033	0.761614	0.940884	0.860513	0.853443
ENSG00000025434 NR1H3	1.85	0.026063	4.766191	2.706419	1.748868	4.229819
ENSG00000277072 STAG3L2	0.82	0.026066	5.520119	5.195545	5.855709	5.773834
ENSG00000152270 PDE3B	1.65	0.026111	4.594933	4.528516	2.898381	4.779929
ENSG00000110583 NAA40	1.09	0.026155	2.718174	2.048944	3.206791	3.083741
ENSG00000133818 RRAS2	-1.35	0.02617	6.185602	4.881573	6.408556	5.928888
ENSG00000141068 KSR1	1.59	0.0262	5.539858	5.270805	4.463271	6.908448
ENSG00000158023 WDR66	-1.41	0.02622	4.521022	3.432025	4.030438	3.752916
ENSG00000018408 WWTR1	1.14	0.02622	4.510148	5.863716	5.59479	5.532382
ENSG00000112893 MAN2A1	-0.92	0.026566	7.159451	7.331292	7.782924	7.590062
ENSG00000148814 LRRC27	1.02	0.026808	2.982258	2.948877	3.744716	2.916769
ENSG00000162614 NEXN	-1.07	0.027029	6.591068	7.417338	6.126901	7.02696
ENSG00000154217 PITPNC1	1.66	0.027153	4.45451	5.02457	5.101964	4.940906
ENSG00000176444 CLK2	0.76	0.027231	6.061986	5.983334	6.709469	6.343651
ENSG00000197978 GOLGA6L9	1.38	0.027244	3.61029	3.49888	5.479601	4.208286
ENSG00000023445 BIRC3	-2.41	0.027605	7.855714	5.927801	4.827525	5.866104
ENSG00000149136 SSRP1	0.86	0.027661	6.222711	6.95236	7.243666	6.93491
ENSG00000068383 INPP5A	0.85	0.027716	4.738505	4.082026	4.565668	4.126462
ENSG00000147251 DOCK11	-0.99	0.027804	8.298536	7.806858	7.766636	8.693616
ENSG00000186111 PIP5K1C	0.85	0.02784	6.427311	5.859482	6.49018	6.0387
ENSG00000005187 ACSM3	3.14	0.027867	1.821485	1.331674	-1.88672	1.400931
ENSG00000137504 CREBZF	0.9	0.028051	5.387756	4.906412	4.803776	5.383424

ENSG00000177565	TBL1XR1	-1.6	0.028168	6.588485	7.175675	6.838767	7.094051
ENSG00000189058	APOD	2.84	0.028222	2.425865	3.819719	0.060812	3.595947
ENSG00000127957	PMS2P3	0.93	0.028236	5.387756	5.028347	5.550288	5.383424
ENSG00000164332	UBLCP1	-1.09	0.028243	5.421035	6.30312	5.543134	6.338705
ENSG00000034053	APBA2	1.89	0.028459	2.928819	4.103667	5.183975	2.556726
ENSG00000141985	SH3GL1	0.72	0.028471	6.196948	5.794436	6.247706	5.726651
ENSG00000186472	PCLO	4.28	0.028605	0.606891	4.110809	-3.10911	-2.11003
ENSG00000151502	VPS26B	1	0.028657	4.388746	3.711126	4.598246	3.78236
ENSG00000149260	CAPN5	1.52	0.02872	4.05639	4.103667	2.294609	4.631436
ENSG00000092068	SLC7A8	1.11	0.028789	3.043877	3.854173	3.040634	3.848812
ENSG00000144161	ZC3H8	-0.96	0.028813	4.264833	4.240194	4.185508	4.860363
ENSG00000149743	TRPT1	1.22	0.02912	1.620438	2.048944	2.852819	3.002669
ENSG00000130988	RGN	2.43	0.02914	1.593216	-0.85053	-0.60661	-0.97253
ENSG00000178104	PDE4DIP	-0.93	0.02931	8.530583	7.491032	7.740292	7.523328
ENSG00000065243	PKN2	-0.79	0.029451	7.15364	7.536825	7.773785	7.786907
ENSG00000140443	IGF1R	1.24	0.029512	6.617485	6.585381	6.109248	5.311192
ENSG00000184007	PTP4A2	-0.78	0.029514	7.003415	7.429528	6.996359	6.965181
ENSG00000184545	DUSP8	1.49	0.029629	2.378816	1.924765	0.732189	1.676566
ENSG00000108175	ZMIZ1	1.31	0.029791	6.331727	7.234892	8.010476	6.690222
ENSG00000084073	ZMPSTE24	-0.76	0.029805	5.617907	5.783304	5.903046	5.523691
ENSG00000141622	RNF165	2.09	0.029872	3.603484	2.217215	2.294609	1.871822
ENSG00000196335	STK31	3.06	0.029952	-0.47717	0.203919	-0.05022	0.091603
ENSG00000166450	PRTG	1.4	0.030016	4.031255	4.468622	3.388073	3.956058
ENSG00000123243	ITIH5	4.17	0.030056	-1.6616	3.520493	-1.52415	2.137897
ENSG00000151718	WWC2	0.75	0.03026	6.270751	6.827868	6.614832	6.308665
ENSG00000084110	HAL	2.09	0.030275	-0.36614	-0.46351	0.163905	0.522237
ENSG00000157827	FMNL2	1.1	0.03034	7.28491	7.45921	8.202446	7.34324
ENSG00000106610	STAG3L4	0.93	0.03044	3.689542	3.128511	3.667868	3.28914
ENSG00000237248	LINC00987	1.95	0.030522	0.94506	-0.64408	-0.17051	-0.3445
ENSG00000134809	TIMM10	1.06	0.030667	2.501022	2.706419	3.65022	2.951745
ENSG00000101298	SNPH	1.5	0.030769	0.551396	0.203919	1.414449	1.12263
ENSG00000172638	EFEMP2	0.91	0.031005	6.968752	6.145129	7.165847	6.337052
ENSG00000162623	TYW3	-1.17	0.03116	4.404491	4.69933	4.811736	3.85806
ENSG00000139354	GAS2L3	1.02	0.031518	5.786612	6.150338	6.183208	5.580666
ENSG00000173039	RELA	1	0.031579	5.004384	4.79997	6.131678	5.270214
ENSG00000166741	NNMT	-0.81	0.03159	5.40547	5.453252	5.802778	5.270214
ENSG00000158560	DYNC1I1	3.79	0.031699	-0.07664	0.940884	-4.69408	1.757866
ENSG00000225830	ERCC6	0.99	0.031711	5.956454	5.45886	4.704668	5.608331
ENSG00000158042	MRPL17	1.34	0.03178	3.023629	1.51512	3.605132	2.579268
ENSG00000205978	NYNRIN	1.21	0.031817	5.856966	5.540467	4.353048	5.978492
ENSG00000146674	IGFBP3	1.27	0.031951	4.095716	5.205587	5.098715	5.654177
ENSG00000164308	ERAP2	-1.34	0.032069	7.266719	6.608272	5.980999	6.665415
ENSG00000213089	PDCL3P5	1.81	0.03241	1.418129	1.858422	-0.05022	3.002669
ENSG00000116985	BMP8B	1.99	0.032496	-0.26305	1.98819	0.260121	1.498778
ENSG00000213923	CSNK1E	0.68	0.032673	6.542973	6.340055	6.443556	6.050849
ENSG00000117152	RGS4	-1.67	0.032826	5.318801	4.103667	5.456941	3.712699
ENSG00000137509	PRCP	2.39	0.032868	5.199771	5.035871	2.505597	5.436864
ENSG00000167100	SAMD14	1.53	0.032939	1.647155	3.633906	1.455671	2.644857
ENSG00000116604	MEF2D	0.8	0.032991	5.24201	6.169275	5.477101	5.654177
ENSG00000105854	PON2	0.81	0.033086	6.351154	6.247503	6.229994	7.113488

ENSG00000124216	SNAI1	2.15	0.033119	-0.16683	0.875296	-1.23464	1.676566
ENSG00000249931	GOLGA8K	1.49	0.033142	1.182751	2.964731	1.645774	3.492854
ENSG00000170965	PLAC1	3.04	0.033257	-1.6616	2.779948	-1.23464	-2.847
ENSG00000124596	OARD1	-1.21	0.033352	3.963779	3.48795	3.685303	4.006833
ENSG00000048028	USP28	0.88	0.033354	5.430679	4.918673	4.691787	5.317911
ENSG00000233695	GAS6-AS1	2	0.033447	0.164373	1.230391	0.860513	1.059894
ENSG00000197976	AKAP17A	0.79	0.033558	5.634693	5.464446	5.664576	5.638162
ENSG00000172671	ZFAND4	-1.25	0.03364	4.567221	3.837048	4.030438	4.359204
ENSG00000186635	ARAP1	0.84	0.033799	6.915488	6.247503	6.787219	7.142162
ENSG00000176340	COX8A	1.23	0.03395	1.797834	1.67785	2.706804	2.167954
ENSG00000151276	MAGI1	1.53	0.033968	6.839335	6.609533	4.508048	6.76095
ENSG00000133739	LRRCC1	-1.23	0.033998	4.62884	5.818628	6.068306	5.926692
ENSG00000129038	LOXL1	-1.23	0.034077	5.113788	6.160698	6.005497	4.735459
ENSG00000137474	MYO7A	2.01	0.034084	4.747793	3.36192	2.723777	6.098447
ENSG00000151376	ME3	1.61	0.034086	2.653758	4.310118	2.047391	3.019252
ENSG00000155097	ATP6V1C1	-0.76	0.034692	6.522376	6.49956	7.078651	6.286574
ENSG00000166341	DCHS1	1.87	0.034786	8.087967	6.679652	5.238139	7.478309
ENSG00000104812	GYS1	1.17	0.034803	6.084153	5.833815	6.921094	6.221782
ENSG00000125772	GPCPD1	0.8	0.035024	5.971067	6.153799	5.697168	6.527319
ENSG00000184898	RBM43	-0.85	0.035055	4.071263	4.124988	4.20377	4.251036
ENSG00000112137	PHACTR1	1.77	0.035213	2.692752	3.100083	0.732189	4.365703
ENSG00000022267	FHL1	-1.38	0.035237	8.165961	7.059595	7.202635	7.38062
ENSG00000183242	WT1-AS	4.8	0.035317	-1.42059	0.493425	1.964136	-4.43196
ENSG00000104369	JPH1	2.08	0.035412	1.647155	1.715818	2.636841	1.977432
ENSG00000178662	CSRNP3	4.44	0.035482	-2.7991	5.225464	-4.69408	1.059894
ENSG00000140553	UNC45A	0.79	0.035534	5.060123	4.958806	4.532337	4.243998
ENSG00000140287	HDC	3.88	0.035539	0.008254	2.504314	-0.78719	3.083741
ENSG00000114993	RTKN	1.23	0.035805	3.47516	2.743652	4.616537	4.047821
ENSG00000128285	MCHR1	3.55	0.035861	1.977003	-1.74361	-0.60661	-2.11003
ENSG00000182916	TCEAL7	3.96	0.035925	-0.07664	3.325548	-4.69408	1.676566
ENSG00000187720	THSD4	1.96	0.035996	5.012113	4.804382	4.983644	4.312875
ENSG00000163840	DTX3L	-0.98	0.036149	6.564157	5.472785	6.158454	6.274537
ENSG00000070159	PTPN3	-2.08	0.036345	3.406448	3.17013	4.823594	4.410391
ENSG00000081803	CADPS2	1.3	0.03638	3.445025	5.427742	4.390733	5.344474
ENSG00000139618	BRCA2	-0.69	0.036401	6.79597	6.736166	7.101558	6.855176
ENSG00000115750	TAF1B	-0.92	0.036483	5.297877	4.755093	5.724831	4.971053
ENSG00000120868	APAF1	0.84	0.036683	6.837161	6.038682	6.28535	6.191008
ENSG00000106211	HSPB1	0.9	0.036909	7.107489	6.312443	6.596519	6.840088
ENSG00000162783	IER5	0.95	0.037005	3.533607	3.766444	3.719552	4.111073
ENSG00000277741	GOLGA6L17P	1.81	0.037077	0.901338	-1.09154	1.572711	0.322929
ENSG00000187243	MAGED4B	3.05	0.037234	0.987495	2.964731	0.97835	1.63413
ENSG00000138640	FAM13A	0.83	0.037258	6.123929	6.299999	5.705736	6.001627
ENSG00000151304	SRFBP1	-0.92	0.037275	5.217707	6.008408	5.802778	5.154881
ENSG00000133065	SLC41A1	1.93	0.037573	5.104178	4.246693	4.263026	4.684385
ENSG00000235162	C12orf75	-1.62	0.037576	4.46581	3.66335	4.907695	3.732948
ENSG00000188626	GOLGA8M	1.81	0.037586	-0.16683	1.752812	0.860513	1.943081
ENSG00000137656	BUD13	0.7	0.037678	4.491839	4.685045	4.527511	4.699898
ENSG00000166123	GPT2	1.87	0.037696	-0.07664	2.048944	3.206791	0.522237
ENSG00000114115	RBP1	2.04	0.037706	5.918575	2.743652	2.740553	3.456784
ENSG00000099999	RNF215	0.82	0.03773	3.249658	2.932847	2.97126	3.368941

ENSG0000064042 LIMCH1	2.51	0.037792	5.888099	6.392279	1.992425	5.446092
ENSG00000109670 FBXW7	0.76	0.037836	5.928138	6.11703	5.531132	6.351858
ENSG00000085872 CHERP	0.68	0.0379	4.645499	4.591138	4.738466	4.332913
ENSG00000111144 LTA4H	1.06	0.037987	6.776438	6.194705	5.446754	5.828961
ENSG00000269895 APO00654.4	1.54	0.037996	0.809708	2.243447	1.455671	1.79686
ENSG00000143353 LYPLAL1	-2.73	0.038272	4.488149	5.080208	3.388073	4.513485
ENSG00000117139 KDM5B	0.82	0.038343	6.482133	7.469664	7.41216	6.882624
ENSG00000110107 PRPF19	0.77	0.038431	5.718962	5.324012	6.25648	5.861513
ENSG00000138795 LEF1	2.03	0.038869	3.063846	5.430598	1.455671	3.573666
ENSG00000223875 NBEAP3	-1.31	0.038917	4.802298	4.656045	5.318549	5.83131
ENSG00000159346 ADIPOR1	0.62	0.038929	5.320877	5.105456	5.264477	5.061897
ENSG00000172269 DPAGT1	0.85	0.038932	4.793356	4.334727	5.48956	4.841837
ENSG00000196208 GREB1	1.46	0.038977	2.779837	4.045221	1.935281	4.222677
ENSG00000172354 GNB2	0.65	0.038985	6.017882	5.853108	5.642431	5.624679
ENSG00000066468 FGFR2	2.2	0.039219	0.305235	3.66335	2.200742	-0.3445
ENSG00000136732 GYPC	1.16	0.039267	6.003738	5.416257	5.229252	5.443022
ENSG00000111875 ASF1A	-1.18	0.039271	3.887399	4.394475	4.154547	3.867249
ENSG00000050393 MCUR1	-0.95	0.039307	5.108991	5.850977	4.755073	5.228037
ENSG00000109576 AADAT	1.55	0.039328	3.92063	3.828409	1.188567	3.14547
ENSG00000171533 MAP6	2.09	0.039499	-0.16683	2.948877	0.920634	0.853443
ENSG00000122378 FAM213A	2.44	0.039623	2.486301	3.73905	-1.52415	2.707592
ENSG00000177105 RHOG	0.99	0.039633	3.568969	2.343849	2.883353	3.247521
ENSG00000155903 RASA2	-0.7	0.03981	6.350138	5.816446	6.295319	6.47418
ENSG00000109920 FNBP4	0.81	0.039815	8.091923	7.553302	8.30786	7.459445
ENSG00000178567 EPM2AIP1	-1.79	0.039885	4.85195	4.285081	5.244034	4.905663
ENSG00000164237 CMBL	2	0.040011	3.223266	0.806583	1.715315	1.943081
ENSG00000257803 RP11-575G13.2	1.38	0.040198	1.724461	2.482454	1.138814	1.907891
ENSG00000186399 GOLGA8R	1.34	0.040203	3.958455	5.395937	4.730091	5.991157
ENSG00000172273 HINFP	0.83	0.040302	3.689542	3.36192	4.097087	3.48093
ENSG00000118454 ANKRD13C	-0.83	0.040399	6.058258	6.831115	6.131678	6.003711
ENSG00000142949 PTPRF	-2	0.040466	4.874738	6.617076	7.592771	5.24928
ENSG00000229212 RP11-561C5.4	2.16	0.040482	-0.26305	1.063741	2.600545	-0.52507
ENSG00000147231 CXorf57	2.08	0.040556	1.844755	1.379768	-1.52415	2.413531
ENSG00000187772 LIN28B	3.68	0.040704	2.098139	-4.55097	-3.10911	-2.847
ENSG00000081913 PHLPP1	0.75	0.040797	4.48445	4.340815	4.141975	4.43532
ENSG00000135823 STX6	0.73	0.040983	4.328119	4.847775	4.422268	4.582062
ENSG00000149257 SERPINH1	1.11	0.041227	7.254282	7.269609	7.280697	8.579094
ENSG00000115902 SLC1A4	0.83	0.041335	3.788864	3.960784	4.233702	3.41979
ENSG00000004866 ST7	0.9	0.041405	4.392698	5.450439	4.473342	5.344474
ENSG00000183722 LHFP	1.76	0.041711	5.045134	3.845636	1.748868	3.456784
ENSG00000142186 SCYL1	0.79	0.041722	5.312556	5.178652	6.164682	5.613801
ENSG00000153391 INO80C	1.1	0.041771	2.486301	2.217215	1.414449	2.413531
ENSG00000122140 MRPS2	0.87	0.041824	3.266988	2.866884	2.999411	2.74795
ENSG00000134824 FADS2	1.8	0.042161	4.124523	5.923751	6.079888	4.755393
ENSG00000151348 EXT2	0.92	0.042212	6.987168	5.564075	6.051599	6.251913
ENSG00000112576 CCND3	-1.07	0.042246	4.400571	3.593689	3.981881	4.536708
ENSG00000101265 RASSF2	1.16	0.042468	5.181609	5.872147	4.458209	5.238697
ENSG00000135678 CPM	-2.02	0.042505	7.508555	4.860542	6.553258	5.793249
ENSG00000149534 MS4A2	3.33	0.04252	0.236523	0.734433	-3.10911	2.043775
ENSG00000155158 TTC39B	-1.22	0.042529	5.106586	4.830574	4.077414	5.814782

ENSG00000275395	FCGBP	-2.25	0.042654	6.349121	6.774899	8.163322	5.202852
ENSG00000196411	EPHB4	1.24	0.04282	4.846197	5.422011	6.224042	5.049841
ENSG00000096968	JAK2	-1.11	0.042967	6.671354	6.521164	7.33141	7.887995
ENSG00000135046	ANXA1	-1.18	0.043219	8.482945	8.076793	8.371845	7.44187
ENSG00000183715	OPCML	3.52	0.04343	-1.6616	2.217215	-4.69408	-0.3445
ENSG00000157601	MX1	-2.03	0.043469	6.63761	5.807682	4.854746	6.942537
ENSG00000109762	SNX25	0.89	0.043478	6.034421	6.435584	5.948879	5.430678
ENSG00000189077	TMEM120A	1.09	0.043604	3.746249	3.27558	3.833401	3.516408
ENSG00000197037	ZSCAN25	0.75	0.043632	3.836073	3.552319	3.300278	3.468908
ENSG00000132294	EFR3A	-0.6	0.043644	7.514462	7.563099	7.198847	7.234709
ENSG00000183801	OLFML1	3.1	0.04369	2.39467	2.547063	-4.69408	2.806446
ENSG00000111261	MANSC1	1.97	0.043856	2.173591	2.460258	-1.52415	2.309508
ENSG00000126432	PRDX5	0.75	0.044064	5.318801	4.954843	5.830466	5.01719
ENSG00000122707	RECK	-1.16	0.044163	5.695154	5.566674	6.809253	5.781145
ENSG00000112208	BAG2	-1.4	0.044184	3.18731	3.337774	3.711066	2.74795
ENSG00000120519	SLC10A7	0.98	0.044694	3.752415	4.060056	2.956976	4.006833
ENSG00000162407	PPAP2B	0.83	0.045017	4.307331	4.852043	4.86243	5.238697
ENSG00000183196	CHST6	3.17	0.045024	-5.12103	1.788881	-1.23464	0.994306
ENSG00000140521	POLG	0.66	0.045071	7.0284	6.806033	7.336247	6.753536
ENSG00000171827	ZNF570	-1	0.045114	4.31984	3.682651	3.909551	3.820707
ENSG00000164199	ADGRV1	3.3	0.045122	1.593216	4.946883	-2.37215	1.240466
ENSG00000187134	AKR1C1	2.4	0.045255	0.66033	4.266015	0.060812	2.862662
ENSG00000138119	MYOF	-0.99	0.045842	8.935354	9.275083	10.15019	8.544426
ENSG00000197579	TOPORS	-0.75	0.045974	7.042935	6.87057	6.13644	6.893909
ENSG00000115267	IFIH1	-1.65	0.046057	7.02967	5.991096	4.730091	6.269348
ENSG00000132535	DLG4	0.79	0.046085	5.810447	5.292952	5.072453	5.331253
ENSG00000145907	G3BP1	-0.55	0.046182	7.388993	7.308954	7.49544	7.439561
ENSG00000162607	USP1	-0.94	0.046423	6.242558	7.30973	6.547312	6.142635
ENSG00000141179	PCTP	1.49	0.046512	2.718174	1.98819	1.748868	2.1072
ENSG00000197157	SND1	0.61	0.046686	7.766382	8.108358	8.263933	8.065643
ENSG00000215790	SLC35E2	1.23	0.046691	2.456399	2.26921	3.988919	3.019252
ENSG00000112139	MDGA1	-1.68	0.047065	4.521022	3.541788	3.864345	5.065893
ENSG00000166707	ZCCHC18	1.33	0.047237	2.262675	1.638856	0.97835	1.349401
ENSG00000106804	C5	-0.86	0.047341	4.828797	5.548379	5.373359	5.284003
ENSG00000265354	TIMM23	-0.81	0.047479	5.896475	5.535167	5.957873	5.512021
ENSG00000204764	RANBP17	-1.37	0.047551	5.929499	6.271602	5.27603	6.741094
ENSG00000166012	TAF1D	0.68	0.047822	5.629678	6.350652	6.169336	5.810024
ENSG00000172915	NBEA	1.47	0.047846	5.569842	7.089728	6.166235	5.05387
ENSG00000084444	KIAA1467	1.94	0.04792	3.150434	1.063741	1.813719	2.806446
ENSG00000066735	KIF26A	2.4	0.048116	0.305235	2.107243	-2.37215	2.880924
ENSG00000214279	SCART1	1.03	0.048208	3.023629	1.956826	2.176289	2.806446
ENSG00000124496	TRERF1	-1.03	0.048292	5.449775	6.09559	5.479601	6.279708
ENSG00000279576	MALAT1	3.17	0.048336	-3.53607	-2.96601	2.047391	-2.11003
ENSG00000113522	RAD50	-0.82	0.048405	7.87809	8.087693	8.613267	8.053116
ENSG00000169105	CHST14	0.9	0.048464	3.482597	2.832735	3.080711	2.825429
ENSG00000110852	CLEC2B	1.62	0.04851	4.935608	5.366403	4.122908	5.173521
ENSG00000089225	TBX5	6.04	0.048619	-5.12103	3.711126	-4.69408	0.322929
ENSG00000101955	SRPX	-1.57	0.048989	5.244199	4.233666	6.059977	5.199218
ENSG00000131370	SH3BP5	1.28	0.049052	5.830984	5.424879	4.023601	6.048831
ENSG00000152763	WDR78	-1.55	0.049154	4.62884	5.91969	4.738466	4.319585

ENSG00000131668 BARX1	-3.69	0.049315	3.708693	3.397398	3.182441	2.254542
ENSG00000145919 BOD1	-0.88	0.04958	5.13989	5.733277	5.244034	5.34776
ENSG00000137364 TPMT	-0.9	0.049591	6.084153	5.686241	5.804774	5.872963
ENSG00000166025 AMOTL1	1.53	0.049817	6.491378	6.771523	4.215817	6.260657
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L332	L359	L360	L334
6. 343818	8. 80168	8. 479473	10. 30875
7. 763721	9. 944159	9. 421498	9. 523377
0. 961033	3. 77364	4. 009672	4. 353523
-2. 27163	10. 09279	8. 217651	5. 992142
0. 450838	4. 637108	6. 086622	4. 317195
2. 719327	4. 759965	4. 56897	4. 678012
6. 950925	3. 885823	5. 686153	3. 330274
3. 964864	6. 054548	5. 966328	5. 051003
9. 79668	10. 83196	10. 96981	11. 55236
-3. 00859	6. 147508	5. 317725	2. 763427
1. 239334	3. 827079	3. 313315	0. 642797
2. 525385	4. 344273	4. 407344	5. 035114
6. 854044	8. 305631	8. 970185	8. 372773
4. 204105	5. 434352	5. 577576	4. 567471
3. 167995	4. 703931	4. 148166	4. 780682
-3. 00859	4. 507491	3. 685016	-1. 97611
0. 264425	4. 099452	2. 725405	-3. 19851
4. 380858	5. 839207	5. 611494	6. 015004
5. 367893	7. 610958	8. 031537	9. 364294
0. 264425	6. 121772	4. 087483	-0. 13961
0. 0503	5. 446599	4. 087483	3. 068281
4. 924113	6. 957326	6. 276789	6. 669288
0. 36064	5. 353408	3. 64814	1. 556382
3. 043068	4. 130148	5. 129894	5. 344527
2. 968686	6. 408916	4. 993226	5. 019049
6. 436421	5. 603594	4. 94843	5. 002802
3. 30731	4. 435581	4. 450818	3. 043081
1. 635262	4. 675076	4. 174338	2. 991319
2. 772766	4. 124061	4. 009672	4. 167817
4. 464435	5. 434352	5. 97566	5. 902157
4. 847313	5. 680271	5. 601884	6. 205927
8. 161957	8. 606735	9. 437288	9. 01915
2. 226623	4. 810117	4. 193661	0. 708385
5. 364996	5. 972227	6. 578188	6. 539024
1. 239334	3. 935332	2. 860493	2. 964725
6. 676155	4. 763885	5. 082309	2. 823863
0. 161331	4. 229886	2. 68956	0. 501934
-2. 27163	3. 668817	2. 453493	-2. 46154
5. 125833	5. 973921	5. 9607	6. 569127
-0. 68667	3. 564794	2. 777556	-0. 696
3. 987644	3. 232718	2. 171093	4. 311929
5. 015622	8. 602636	7. 419362	8. 357841
-0. 89312	3. 660429	2. 387904	2. 271815
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2. 644848	6. 631219	6. 584301	4. 610995
6. 44193	7. 267307	6. 986317	6. 256137

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-0. 34563	2. 438037	3. 657448	3. 080718
7. 027122	8. 378715	7. 870782	7. 199882
4. 144536	0. 282759	3. 215881	3. 812722
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4. 032153	2. 476769	3. 177577	4. 120414
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4. 522788	5. 61449	6. 954578	5. 31061
2. 525385	4. 445379	4. 882488	3. 497303
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6. 477235	7. 598937	7. 137813	6. 856325
5. 963907	6. 824735	6. 669574	7. 311599
5. 590079	5. 922237	6. 460821	3. 15317
4. 843155	6. 806796	6. 142377	4. 138373
6. 629842	7. 182711	8. 061206	7. 579298
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2. 006357	3. 718145	3. 203225	0. 501934
5. 125833	3. 546704	4. 16784	4. 466831
1. 781483	3. 255173	3. 957878	3. 849527
6. 845755	5. 848467	5. 75063	5. 223559
8. 349508	9. 307059	9. 600151	7. 974131
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5. 979144	5. 116416	4. 749542	2. 747914
3. 886224	4. 703931	5. 419704	5. 507703
4. 670886	1. 388112	2. 365362	5. 265019
4. 082401	2. 70597	3. 500798	1. 874744
2. 586353	3. 677157	4. 607898	4. 714384
6. 78094	4. 964583	4. 588565	5. 752779
6. 439178	5. 58377	5. 092639	5. 773996
5. 82956	6. 867266	7. 115191	6. 003619
1. 556191	4. 649876	3. 880503	3. 663615
3. 282961	5. 642442	5. 198451	4. 508854
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6. 001701	7. 416096	6. 869031	6. 528848
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11. 51368	9. 709341	6. 450149	7. 223209
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2. 439867	5. 056947	4. 450818	3. 51574
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4. 448103	4. 862246	5. 064927	4. 398927
8. 059513	7. 095957	6. 879012	7. 23508
3. 085924	4. 61123	5. 007854	4. 545207
3. 861771	5. 128629	4. 700857	4. 536204
3. 27063	4. 333762	5. 449479	6. 015004
10. 37137	9. 00479	8. 982272	9. 554224
4. 908281	6. 585432	5. 422437	5. 676988
5. 897295	6. 543856	7. 159266	4. 398927
2. 525385	4. 589304	4. 231545	4. 393952
0. 36064	5. 939671	5. 733129	4. 901281
7. 175868	6. 350152	6. 273766	6. 61581
5. 69531	6. 126347	6. 175149	6. 397063
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1. 746294	3. 73422	3. 541584	0. 642797
4. 130958	4. 195467	5. 61866	6. 370717
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3. 759591	5. 286852	4. 63642	2. 617412
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4. 046689	4. 632827	5. 789247	5. 594827
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8. 758625	8. 265752	7. 9689	8. 302834
7. 108183	7. 680012	8. 19226	6. 910455
6. 407148	6. 615033	7. 001929	6. 649596
6. 13181	6. 503394	7. 331964	7. 022679
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6. 331998	7. 096734	6. 876025	7. 369768
5. 73848	2. 70597	4. 718752	0. 260926
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5. 979144	4. 728213	4. 929346	4. 38896
4. 255067	5. 281392	6. 115614	5. 367549
3. 099931	5. 572638	5. 433315	5. 245819
5. 115527	4. 009854	6. 272252	9. 851287
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6. 243283	6. 120243	6. 91632	7. 437817
6. 485262	7. 529823	7. 26884	7. 93998
6. 610403	7. 986767	7. 059233	8. 473478
4. 757383	4. 365069	4. 052634	4. 504245
2. 682568	5. 245392	5. 358244	5. 124925
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2. 120689	2. 830822	2. 365362	1. 445351
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5. 225026	6. 175738	6. 48716	5. 967239
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3. 477906	2. 336397	2. 595845	2. 062022
4. 787987	6. 62692	6. 127384	5. 987196
6. 928535	6. 78188	6. 084899	6. 957578
3. 377987	4. 479156	3. 935098	4. 726307
6. 414172	5. 58155	5. 70423	3. 569679
4. 843155	7. 770964	5. 260847	6. 24651
6. 36282	7. 02912	7. 081013	6. 944878
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7. 098623	7. 398551	7. 966094	6. 737642
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6. 553012	5. 91344	5. 746274	6. 45434
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