

Supplemental Table 2

p_val	avg_logFC	pct.1	pct.2	p_val_adj	cluster	gene	log2fc	log2pct
1.59E-112	0.87802355	0.953	0.622	5.60E-108	CL_KCNE3	FLT1	1.26672022	0.61156021
7.93E-108	0.846246705	0.87	0.554	2.79E-103	CL_KCNE3	HTRA1	1.22087592	0.64643473
5.73E-99	1.00221056	0.931	0.611	2.01E-94	CL_KCNE3	INSR	1.4458842	0.60357818
5.03E-93	0.769270394	0.903	0.577	1.77E-88	CL_KCNE3	VWA1	1.10982258	0.64167314
1.58E-91	1.587201504	0.454	0.088	5.54E-87	CL_KCNE3	ESM1	2.28984774	2.30315153
8.39E-86	0.746708624	0.818	0.469	2.95E-81	CL_KCNE3	KDR	1.07727283	0.79600537
6.95E-78	0.887854634	0.69	0.351	2.45E-73	CL_KCNE3	LINC00152	1.28090348	0.96513574
2.42E-71	0.633814295	0.433	0.086	8.51E-67	CL_KCNE3	GABRD	0.91440074	2.26699242
5.71E-70	0.59393839	0.463	0.131	2.01E-65	CL_KCNE3	COL13A1	0.86682212	1.78290188
6.65E-67	0.683931719	0.846	0.557	2.46E-62	CL_KCNE3	TMEM204	0.98943959	0.599899
3.73E-66	0.622761943	0.719	0.358	1.31E-61	CL_KCNE3	HCEW2	0.98845557	0.99602015
2.63E-64	0.576362347	0.506	0.132	9.25E-60	CL_KCNE3	EDIL3	0.8315151	1.8991474
4.28E-64	0.59301742	0.78	0.462	1.50E-59	CL_KCNE3	MLEC	0.85554329	0.7492701
3.02E-63	0.493853512	0.43	0.097	1.06E-58	CL_KCNE3	ADAMTSL2	0.71248001	2.09244625
6.17E-61	0.435978375	0.336	0.055	2.17E-56	CL_KCNE3	ITGA8	0.62898384	2.50673733
1.85E-59	0.601928682	0.78	0.443	6.52E-55	CL_KCNE3	ITGA1	0.86839953	0.80919392
2.95E-59	0.667206633	0.541	0.182	1.04E-54	CL_KCNE3	EDNRB	0.9625757	1.54586268
2.63E-58	0.601855227	0.468	0.127	9.24E-54	CL_KCNE3	UNC5B	0.86829555	1.84130225
4.34E-56	0.845373429	0.463	0.161	1.52E-51	CL_KCNE3	CA2	1.21961605	1.49332529
5.63E-55	0.672657323	0.53	0.216	1.98E-50	CL_KCNE3	MIR4435-1H	0.97188209	2.2827105
1.34E-54	0.52587935	0.674	0.344	4.72E-50	CL_KCNE3	PINK1	0.75840738	0.96018454
6.06E-54	0.571016751	0.596	0.247	2.13E-49	CL_KCNE3	PDGFD	0.82380303	1.25394126
7.19E-54	0.722655084	0.681	0.442	2.53E-49	CL_KCNE3	PPAP2B	1.04257091	0.61793374
2.64E-53	0.577797715	0.712	0.354	9.27E-49	CL_KCNE3	LAMA4	0.8335859	0.99798927
7.36E-53	1.056536355	0.735	0.374	2.59E-48	CL_KCNE3	IGFBP3	1.52425976	0.96532742
2.97E-45	0.537242979	0.456	0.173	1.05E-40	CL_KCNE3	CPM	0.77507778	1.37288951
3.49E-45	0.584129368	0.522	0.22	1.23E-40	CL_KCNE3	LBH	0.84272054	1.22787796
7.50E-45	0.481220259	0.742	0.431	2.64E-40	CL_KCNE3	PTPRG	0.69425408	0.77678011
8.96E-45	0.646315267	0.723	0.417	3.15E-40	CL_KCNE3	MNS1ABP	0.9324372	0.78669545
1.70E-43	0.51650935	0.591	0.303	3.96E-39	CL_KCNE3	PMEPA1	0.74516548	0.95238198
7.20E-43	0.575370801	0.239	0.042	2.53E-38	CL_KCNE3	KCNE3	0.8300846	2.37614849
6.67E-42	0.471656107	0.634	0.335	2.35E-37	CL_KCNE3	DYSF	0.68045593	0.91028118
3.30E-41	0.878495504	0.423	0.158	1.16E-36	CL_KCNE3	ANGPT2	1.26740111	1.39273883
1.92E-40	0.461466877	0.589	0.268	6.76E-36	CL_KCNE3	CDA	0.66575597	1.12156198
1.56E-39	0.469998415	0.676	0.402	5.49E-35	CL_KCNE3	GRB10	0.67806438	0.742626
2.97E-39	0.507460943	0.634	0.33	1.05E-34	CL_KCNE3	NRP2	0.73211139	0.93165484
3.86E-39	0.506416454	0.487	0.192	1.36E-34	CL_KCNE3	ANGPTL2	0.73060451	1.32046269
1.11E-38	0.497387291	0.693	0.395	3.89E-34	CL_KCNE3	MNGB1	0.71757818	0.80322704
5.26E-37	0.421638742	0.683	0.363	1.85E-32	CL_KCNE3	RASSRF3	0.6147882	0.9027028
5.61E-37	0.58821679	0.605	0.291	1.97E-32	CL_KCNE3	TNFRSF4	0.84861745	1.04321207
4.81E-172	1.412837547	0.699	0.159	1.69E-167	CL_NID2	PGF	2.03829372	2.10187961
8.96E-118	0.885838766	0.493	0.062	3.15E-113	CL_NID2	LOX	1.27799519	2.89391274
9.61E-112	1.31965574	0.344	0.019	3.38E-107	CL_NID2	LY6H	1.90386079	3.86212073
2.90E-111	1.234329222	0.599	0.26	1.02E-106	CL_NID2	APOD	1.78076065	1.18855619
1.21E-110	0.981425447	0.713	0.322	4.27E-106	CL_NID2	PXDN	1.41589763	1.13469321
2.15E-87	0.928723284	0.628	0.225	7.55E-83	CL_NID2	TP53I11	1.33986448	1.46057164
1.07E-76	0.769417077	0.748	0.443	3.77E-72	CL_NID2	FSCN1	1.1100342	0.74915113
1.85E-72	0.709842287	0.398	0.097	6.50E-68	CL_NID2	CHST1	1.01704848	1.98221069
2.09E-67	0.71358486	0.347	0.073	7.26E-63	CL_NID2	NID2	1.02944729	2.1740294
1.03E-60	0.764619016	0.708	0.358	3.63E-56	CL_NID2	LAMA4	1.10311206	0.97393253
1.46E-60	0.636086182	0.579	0.239	5.12E-56	CL_NID2	TNFAIPB1	0.91767838	1.25908722
1.70E-59	0.525821292	0.441	0.118	5.98E-55	CL_NID2	CHST15	0.75859977	1.85838539
9.54E-59	0.452132461	0.264	0.023	3.36E-54	CL_NID2	KIT	0.65228926	3.26410744
2.43E-58	0.714665312	0.585	0.253	8.54E-54	CL_NID2	CHTRC1	1.0310441	1.19334389
1.16E-57	0.646485289	0.55	0.192	4.07E-53	CL_NID2	ANGPTL2	0.93268112	1.49429214
4.32E-52	0.709587423	0.53	0.187	1.52E-47	CL_NID2	GP1HBP1	1.02371826	1.47843258
5.55E-52	0.585649907	0.567	0.266	1.95E-47	CL_NID2	LKN	0.84491422	1.0777223
6.15E-47	0.785899323	0.723	0.294	2.18E-42	CL_NID2	TNFRSF4	1.1375784	0.10215103
1.14E-46	0.743682341	0.736	0.475	1.00E-42	CL_NID2	MCAM	1.07290682	0.62643914
1.22E-46	0.45917978	0.347	0.091	4.31E-42	CL_NID2	FAM129A	0.66245639	1.87446912
4.96E-44	0.455732281	0.387	0.11	1.74E-39	CL_NID2	HOMER3	0.6574827	1.76921979
9.13E-42	0.548905258	0.679	0.418	3.21E-37	CL_NID2	LAMC1	0.79190289	0.69333866
3.89E-40	0.771655	0.622	0.3	1.37E-35	CL_NID2	ADM	1.11326284	1.0396562
6.93E-40	0.579205078	0.39	0.107	2.44E-35	CL_NID2	ACKR3	0.83561629	1.81835392
1.59E-38	0.550958099	0.178	0.018	5.60E-34	CL_NID2	PRND	0.79486452	2.99213788
2.56E-38	0.412932734	0.341	0.1	8.99E-34	CL_NID2	WFS1	0.59573601	1.72038271
5.47E-38	0.546526724	0.521	0.254	1.93E-33	CL_NID2	SMTN	0.78818285	1.0221107
1.11E-37	0.49163206	0.676	0.283	3.91E-33	CL_NID2	NDS1	0.70851634	0.1124093
8.21E-36	0.920726047	0.453	0.208	2.89E-31	CL_NID2	IGF2	1.2328269	1.10449417
5.32E-35	0.591488465	0.736	0.459	1.87E-30	CL_NID2	MMP2	0.85333747	0.67534874
6.84E-35	0.673068554	0.602	0.375	2.41E-30	CL_NID2	RG53	0.97103266	0.6756971
1.15E-34	0.464814333	0.493	0.224	4.04E-30	CL_NID2	TSPAN15	0.67058533	1.12079814
4.73E-34	0.552199209	0.742	0.475	1.66E-29	CL_NID2	MARCKS	0.79665506	0.63807384
1.61E-31	0.569190172	0.401	0.179	5.66E-27	CL_NID2	SLCAA7	0.82116784	1.14177396
1.97E-29	0.44229115	0.564	0.292	6.94E-25	CL_NID2	ARHGAP18	0.63809125	0.93796572
6.22E-29	0.476507401	0.599	0.349	2.19E-24	CL_NID2	FILIP1	0.68745486	0.77079919
1.65E-28	0.683983839	0.562	0.352	5.79E-24	CL_NID2	CXCR4	0.98679009	0.66742466
6.91E-27	0.421463643	0.567	0.314	2.43E-23	CL_NID2	HJP	0.61381428	0.84245872
2.93E-26	0.42137675	0.516	0.286	1.03E-21	CL_NID2	SMAD1	0.61190132	0.84026422
3.04E-25	0.445174347	0.544	0.307	1.07E-20	CL_NID2	FAM43A	0.64225082	0.81526012
1.14E-24	0.405871345	0.692	0.565	4.02E-20	CL_CA4	TMEM88	0.58554858	0.29019674
1.00E-117	0.607016872	0.771	0.623	3.53E-113	CL_CA4	RGCC	0.87574023	0.30529209
4.50E-100	0.825398491	0.2	0.044	1.58E-95	CL_CA4	CA4	1.19079831	2.06477026
1.88E-99	0.554741767	0.601	0.498	6.60E-95	CL_CA4	ID2	0.8003232	2.6875939
1.87E-97	0.570135696	0.462	0.285	6.56E-93	CL_CA4	CD36	0.82225194	0.68736965
2.18E-97	0.351539733	0.725	0.676	7.65E-93	CL_CA4	PRMT1	0.50716463	0.10024167
8.43E-90	0.754894257	0.587	0.536	2.97E-85	CL_CA4	MTLX	1.08906777	0.12398858
1.01E-80	0.404809893	0.616	0.363	6.50E-82	CL_CA4	SEPP1	0.58931349	1.1332683
9.74E-80	0.375144262	0.837	0.737	3.43E-81	CL_CA4	VAMPS	0.54121877	0.18240105
1.58E-84	0.399719918	0.568	0.446	5.55E-80	CL_CA4	GYPC	0.57667394	0.34540771
8.24E-79	0.387575752	0.669	0.583	2.90E-74	CL_CA4	SGK1	0.55915362	0.19693244
1.98E-76	0.430631559	0.384	0.301	6.97E-72	CL_CA4	Cl1orf96	0.62127001	0.3462385
3.48E-75	0.758771462	0.402	0.287	1.22E-70	CL_CA4	MT1M	1.09467582	0.47960043
1.48E-73	0.331238224	0.826	0.745	5.21E-69	CL_CA4	RAMP3	0.47787574	0.14795788
4.22E-70	0.327334107	0.364	0.26	1.49E-65	CL_CA4	OSBPL1A	0.47224329	0.47762846
4.05E-67	0.439675396	0.643	0.611	1.42E-62	CL_CA4	CD320	0.63431751	0.07306346
1.90E-66	0.649044931	0.519	0.475	6.66E-62	CL_CA4	MT1E	0.93637607	0.12653241
1.04E-65	0.393496097	0.723	0.632	3.63E-61	CL_CA4	ITM2A	0.5676948	0.15264508
3.24E-64	0.325588047	0.582	0.466	1.14E-59	CL_CA4	TNMF18	0.46986853	0.31763344
4.37E-64	0.816742241	0.386	0.22	1.54E-59	CL_CA4	FCN3	1.17830998	0.79724361
1.34E-61	0.387279178	0.182	0.067	4.70E-57	CL_CA4	PRX	0.55872575	1.37696946
6.70E-61	0.361302748	0.497	0.399	2.35E-56	CL_CA4	F2RL3	0.52124968	0.31333207
3.68E-52	0.601528252	0.498	0.416	1.29E-47	CL_CA4	STC1	0.86782183	0.25673817
1.55E-48	0.424880485	0.6	0.547	5.44E-44	CL_CA4	HES1	0.61292797	0.13226688
1.77E-10	0.380932225	0.187	0.153	6.22E-06	CL_CA4	PLPP1	0.54956903	0.28118175
0	1.836346096	0.893	0.342	0	CL_CA4	ACKR1	2.64928741	1.37177978
1.63E-292	0.987397542	0.524	0.114	5.75E-288	CA_ACKR1	C7	1.42449911	2.15230615
8.47E-265	0.753370751	0.567	0.129	2.98E-260	CA_ACKR1			

1.82E-112	0.574972438	0.391	0.185	6.41E-108	C4 ACKR1	TMEM176B	0.82950989	1.05950101
1.48E-95	0.71002946	0.392	0.172	5.20E-91	C4 ACKR1	PTGDS	1.02435598	1.16538965
3.00E-86	0.438067143	0.453	0.215	1.06E-81	C4 ACKR1	CNKR3	0.63199729	1.05784407
3.34E-84	0.826268016	0.426	0.206	1.18E-79	C4 ACKR1	AKAP12	1.19205277	1.03044487
3.93E-74	0.507814774	0.309	0.108	1.38E-69	C4 ACKR1	VCAM1	0.73262186	1.47444179
5.27E-55	0.644786248	0.24	0.083	1.85E-50	C4 ACKR1	SELE	0.93022992	1.47720632
8.02E-50	0.62419583	0.219	0.081	2.82E-45	C4 ACKR1	OLF	0.95421391	1.21589374
4.18E-30	0.484274517	0.104	0.04	1.47E-25	C4 ACKR1	CSF3	0.68866044	1.27632123
4.57E-19	0.413509518	0.135	0.062	1.61E-14	C4 ACKR1	EFEMP1	0.59656813	1.06319583
0	1.442011763	0.69	0.075	0	CS FBLN5	GIA5	2.08038322	3.11894107
0	1.439522595	0.708	0.06	0	CS FBLN5	FBLN5	2.07679211	3.45539045
0	1.100438656	0.704	0.103	0	CS FBLN5	SEMA3G	1.58759739	2.71475432
1.56E-226	0.87567591	0.683	0.292	5.50E-222	CS FBLN5	NUDT4	1.26333329	1.21194563
1.85E-226	1.144443104	0.722	0.222	6.50E-222	CS FBLN5	GIA4	1.65108239	1.67926307
8.09E-244	1.4818079	0.789	0.341	2.84E-219	CS FBLN5	IGFBP3	2.13761353	1.19836697
1.02E-212	0.794654213	0.729	0.289	3.60E-208	CS FBLN5	ARL15	1.14644369	1.31996391
6.48E-203	0.927972849	0.742	0.258	2.28E-198	CS FBLN5	HEY1	1.33878183	1.50604544
2.28E-199	0.61496184	0.423	0.039	8.01E-195	CS FBLN5	TSPAN2	0.8872024	3.28203537
5.79E-198	0.985925755	0.746	0.399	2.04E-193	CS FBLN5	KCTD12	1.4223902	0.89457651
2.43E-194	0.90295831	0.809	0.333	8.53E-190	CS FBLN5	STMN1	1.30269348	0.59742262
1.43E-189	0.908383393	0.435	0.065	5.03E-185	CS FBLN5	PCS5	1.31052022	2.65207671
1.63E-186	0.912845685	0.51	0.134	5.73E-182	CS FBLN5	LTBP4	1.31695794	1.88948755
2.62E-186	0.79155617	0.821	0.452	9.22E-182	CS FBLN5	EPN2	1.15005246	0.85394762
8.85E-169	0.564427968	0.49	0.083	3.11E-164	CS FBLN5	PLP	0.81429743	2.4918531
5.66E-159	0.663362671	0.729	0.444	1.99E-154	CS FBLN5	PDCD4	0.95703004	0.70964662
4.09E-156	0.686613142	0.738	0.445	1.44E-151	CS FBLN5	OCDAD2	0.99057337	0.72343721
6.73E-148	1.16314629	0.612	0.247	2.37E-143	CS FBLN5	ENPP2	1.67806538	1.29184676
2.82E-147	0.612571146	0.545	0.164	9.93E-143	CS FBLN5	SVN12	0.88375336	1.70240887
2.68E-135	0.760971068	0.317	0.052	9.41E-131	CS FBLN5	SULF1	1.09784919	2.49802663
9.35E-133	0.60160339	0.674	0.339	3.29E-128	CS FBLN5	MECOM	0.95241005	0.98100301
5.56E-130	0.863719325	0.506	0.144	1.96E-125	CS FBLN5	FBLN2	1.24608359	1.77801096
4.57E-123	0.915097833	0.762	0.444	1.61E-118	CS FBLN5	ADAMTS1	1.32020711	0.77251113
3.49E-114	0.90295831	0.673	0.299	6.23E-110	CS FBLN5	OCLL2	1.20103881	1.5121393
3.34E-113	0.827829421	0.322	0.061	1.17E-108	CS FBLN5	SERPINE2	1.1943054	2.30875271
6.47E-109	0.786683248	0.182	0.008	2.27E-104	CS FBLN5	DKK2	1.13494402	3.84645474
2.01E-106	0.572885309	0.477	0.153	7.06E-102	CS FBLN5	VEGFC	0.82649879	1.60910859
7.46E-106	0.638759212	0.505	0.176	2.62E-101	CS FBLN5	PPP1R14A	0.92153475	1.49450755
1.99E-103	0.609689837	0.434	0.151	7.00E-99	CS FBLN5	ELN	0.8795965	1.49267491
4.33E-99	0.704060039	0.582	0.324	1.52E-94	CS FBLN5	JAG1	1.01574393	0.83527292
2.62E-94	0.435810636	0.329	0.072	9.23E-90	CS FBLN5	BMX	0.62874184	2.1169175
1.85E-93	0.5825975	0.613	0.293	6.49E-89	CS FBLN5	DLL4	0.84051052	1.05229451
1.42E-91	0.584455302	0.446	0.171	4.98E-87	CS FBLN5	FILIP1L	0.84319077	1.357552
9.46E-90	0.585493126	0.272	0.047	3.33E-85	CS FBLN5	TMEM100	0.84668003	2.41330225
1.42E-87	0.499763729	0.649	0.375	5.01E-83	CS FBLN5	EMP3	0.72100665	0.78329124
1.67E-85	0.59529873	0.54	0.312	5.89E-81	CS FBLN5	SLC26A2	0.84867902	0.78177335
1.65E-84	0.476765859	0.451	0.167	5.81E-80	CS FBLN5	FBLN1H	0.68782774	1.40662526
1.63E-81	0.506290928	0.421	0.14	5.74E-77	CS FBLN5	SLC14A1	0.73042343	1.55480053
4.03E-81	0.4227705	0.421	0.141	1.42E-76	CS FBLN5	ARHGAP4	0.6099289	1.5448506
3.32E-79	0.632987329	0.505	0.181	1.17E-74	CS FBLN5	IGF2	0.91320768	1.45519463
5.33E-84	0.5219189	0.792	0.608	1.87E-79	C6 APLNR	PRCP	0.75296981	0.37869265
1.12E-76	0.611587711	0.559	0.338	3.93E-72	C6 APLNR	APLNR	0.88233456	0.71748659
4.21E-73	0.538102412	0.736	0.576	1.48E-68	C6 APLNR	PCDH17	0.77631768	0.35093538
3.73E-66	0.43226026	0.805	0.725	1.31E-61	C6 APLNR	ZFP36L1	0.62361973	1.5002544
1.68E-56	0.884080181	0.363	0.212	5.92E-52	C6 APLNR	IGFBP5	1.27545809	0.76201072
1.26E-51	0.426558799	0.688	0.585	4.43E-47	C6 APLNR	TGM2	0.61539426	0.2321404
1.95E-48	0.36687032	0.638	0.483	6.85E-44	C6 APLNR	TMEM2	0.52928201	0.39793759
2.42E-41	0.33363843	0.604	0.468	8.52E-37	C6 APLNR	RAI14	0.48094236	0.6624020
5.04E-40	0.35159598	0.657	0.552	1.77E-35	C6 APLNR	TSH2	0.50719369	0.24915389
1.36E-39	0.476765859	0.451	0.167	5.81E-35	C6 APLNR	ENTPD1	0.67477812	0.29616503
5.32E-24	0.419246011	0.696	0.611	1.87E-19	C6 APLNR	MT-ND4L	0.60484414	0.18648409
4.07E-15	0.365774598	0.479	0.368	1.43E-10	C6 APLNR	ICAM1	0.5277012	0.37583142
3.91E-08	0.678724188	0.213	0.17	0.00137517	C6 APLNR	MTRNR2L12	0.97919202	0.31697321
1.97E-07	0.400166433	0.18	0.138	0.00691432	C6 APLNR	MT-ATP8	0.57731813	0.37151012
3.38E-156	0.971215363	0.925	0.567	1.19E-151	C7 SSU42	GLUL	1.40116759	0.70121557
3.28E-132	0.904751418	0.471	0.042	1.15E-127	C7 SSU42	SSU42	1.30528038	3.34022891
1.57E-115	1.194482251	0.826	0.312	5.52E-111	C7 SSU42	OCLL2	1.72327362	1.39036564
4.90E-106	1.513357554	0.753	0.324	1.72E-101	C7 SSU42	FABP4	2.20928195	1.20411026
4.70E-85	0.831845823	0.654	0.206	1.65E-80	C7 SSU42	SLC6A6	1.20009984	1.64303547
3.05E-83	0.872465825	0.601	0.183	1.07E-78	C7 SSU42	ADAMTS6	1.25870212	1.68858513
4.70E-80	0.816321408	0.736	0.252	1.65E-75	C7 SSU42	GJAM	1.17770285	1.52770518
1.89E-79	0.61496184	0.731	0.265	6.65E-75	C7 SSU42	AIF1L	0.88172521	1.44674686
1.76E-77	0.648429004	0.665	0.253	1.97E-72	C7 SSU42	CLDN15	0.93548531	1.37679583
7.26E-74	0.973561527	0.879	0.574	2.55E-69	C7 SSU42	RBP7	1.40455239	0.61048302
6.39E-65	0.559176539	0.795	0.368	2.25E-60	C7 SSU42	BTNL9	0.80672122	1.10082437
4.16E-60	0.522662291	0.707	0.321	1.46E-55	C7 SSU42	EPN1	0.7540423	1.12700528
7.63E-57	0.437926531	0.269	0.029	2.68E-52	C7 SSU42	TMEM178A	0.63179443	3.01056924
2.70E-55	0.817217254	0.573	0.197	9.50E-51	C7 SSU42	IGF2	1.17899528	1.5167142
3.47E-49	0.529625336	0.789	0.508	1.22E-44	C7 SSU42	PLS3	0.76408785	0.63018018
4.36E-48	0.541338972	0.681	0.292	1.53E-43	C7 SSU42	HEY1	0.78098705	1.20774565
5.16E-47	0.514015622	0.628	0.28	1.81E-42	C7 SSU42	ASRGL1	0.74156779	1.15124358
7.13E-47	0.588681064	0.52	0.208	2.51E-42	C7 SSU42	ATP13A3	0.84928725	1.30146399
1.26E-36	0.456391797	0.744	0.415	4.42E-32	C7 SSU42	ASS1	0.65843418	0.83457639
1.30E-36	0.423136093	0.458	0.179	4.56E-32	C7 SSU42	PPY	0.61045634	1.33130643
1.78E-35	0.436678448	0.802	0.506	6.27E-31	C7 SSU42	UACA	0.62999383	0.65924538
2.50E-35	0.429894943	0.727	0.509	8.78E-31	C7 SSU42	MAST4	0.71087216	0.64183388
3.52E-28	0.50948056	0.711	0.397	1.24E-23	C7 SSU42	GPR116	0.73440111	0.83276409
8.89E-28	0.442580376	0.434	0.161	3.13E-23	C7 SSU42	ALPL	0.63850851	1.4030377
1.34E-27	0.496186393	0.463	0.199	4.72E-23	C7 SSU42	PPP1R14A	0.71584565	1.19793938
3.80E-24	0.444216183	0.637	0.329	1.34E-19	C7 SSU42	CRIP1	0.64086848	0.94272519
5.53E-23	0.433588548	0.615	0.307	1.95E-18	C7 SSU42	IGL5	0.62553605	0.99072219
6.47E-17	0.515877827	0.696	0.46	2.28E-12	C7 SSU42	RCAN1	0.74425438	0.59218373
3.33E-228	4.842770513	0.874	0.103	1.17E-223	C8 PROX1	CCL21	6.986641	3.02483185
6.02E-135	2.301967455	0.825	0.27	2.12E-130	C8 PROX1	TFF3	3.32103703	1.59367972
8.38E-92	1.699831067	0.602	0.012	2.95E-87	C8 PROX1	PDPN	2.45233785	5.15808987
3.78E-76	1.600600652	0.883	0.499	1.33E-71	C8 PROX1	TFPI	2.30917862	0.81715934
9.89E-70	1.333049876	0.544	0.296	3.48E-65	C8 PROX1	RBP1	1.92318445	0.86704266
1.87E-67	1.333049876	0.544	0.296	3.48E-65	C8 PROX1	PROX1	1.90879623	3.58769223
1.23E-58	0.999248136	0.359	0.003	4.34E-54	C8 PROX1	RELN	1.44161093	5.50779595
2.51E-57	1.052830023	0.427	0.016	8.82E-53	C8 PROX1	IGF1	1.51891265	4.36257008
1.92E-56	1.638117797	0.738	0.162	6.76E-52	C8 PROX1	MMRN1	2.36330442	2.15351411
1.46E-53	1.101210429	0.631	0.322	5.14E-49	C8 PROX1	LAPTM5	1.58871082	0.95973613
2.50E-49	0.880249274	0.194	0.051	8.80E-45	C8 PROX1	MFAP4	1.26993126	1.8292697
4.29E-49	0.854422078	0.427	0.029	1.51E-44	C8 PROX1	SEMA3A	1.23267049	3.66742466
5.17E-48	2.21045301	0.524	0.071	1.82E-43	C8 PROX1	EFEMP1	3.20429104	2.7991964
2.53E-46	1.076794565	0.748	0.458	8.90E-42	C8 PROX1	PPFIBP1	1.55348618	0.70163767
1.66E-45	0.922705559	0.379	0.013	5.84E-41	C8 PROX1	TBX1	1.33118273	4.4150375
7.68E-41	0.422888411	0.252	0.002	2.70E-36	C8 PROX1	ACKR2	0.61009901	5.19826963
8.69E-41	0.970324452	0.398	0.024	3.06E-36	C8 PROX1	MRC1	1.3998822	