

genename	total_mean_1	total_mean_2	foldChange	norm_mean_1	norm_mean_2	norm_foldChange	pvalue	pvalue.adj.FDR
HES4	24.107034	11.730887	2.05501	27.431193	13.214067	2.075908355	0	0
SNCG	2.733945	0.4954128	5.51852	3.4740061	0.7094801	4.896551724	0	0
FGFR3	1.3547401	0.3394495	3.99099	1.8929664	0.5443425	3.47752809	0	0
JUND	7.617737	2.4434251	3.11765	8.3700306	2.9204893	2.865968586	0	0
POU3F3	0.5015291	0.0489297	10.25	0.7889908	0.0795107	9.923076923	0	0
WNT7A	0.4067278	0.0244648	16.625	0.6574924	0.0458716	14.33333333	0	0
SPP1	0.6666667	0.0825688	8.07407	0.9510703	0.1406728	6.760869565	0	0
TUBB2B	19.957187	13.495413	1.47881	22.207951	14.862385	1.494238683	1.11E-16	1.37E-14
NR2F6	2.3027523	1.2752294	1.80576	2.9174312	1.8348624	1.59	2.22E-16	2.50E-14
DDIT3	1.2171254	0.3547401	3.43103	1.6788991	0.5259939	3.191860465	1.33E-15	1.38E-13
NCOR2	1.0611621	0.3944954	2.68992	1.5779817	0.6024465	2.61928934	2.22E-15	2.21E-13
ABAT	0.5840979	0.1253823	4.65854	0.8929664	0.1987768	4.492307692	2.55E-15	2.45E-13
NR3C1	0.382263	0.0519878	7.35294	0.5963303	0.0825688	7.222222222	7.44E-15	6.89E-13
NR2F1	5.8562691	3.3302752	1.75849	6.6544343	3.733945	1.782145782	9.55E-15	8.53E-13
SHISA3	0.382263	0.0550459	6.94444	0.6422018	0.0978593	6.5625	4.09E-14	3.53E-12
JUN	3.3639144	1.3149847	2.55814	4.1437309	1.7584098	2.356521739	4.91E-14	4.10E-12
SOX4	17.519878	12.253823	1.42975	19.718654	13.568807	1.453234167	3.90E-13	3.16E-11
NTRK2	0.941896	0.2079511	4.52941	1.2477064	0.3425076	3.642857143	4.22E-13	3.31E-11
ID1	13.623853	8.5382263	1.59563	15.920489	9.6727829	1.645905786	1.49E-12	1.10E-10
MEIS3	1.1437309	0.5076453	2.25301	1.6941896	0.7981651	2.122605364	1.05E-11	7.57E-10
PBX3	0.2966361	0.0397554	7.46154	0.4801223	0.0764526	6.28	1.15E-11	8.06E-10
NKX2-2	0.2996942	0.0152905	19.6	0.4311927	0.0244648	17.625	1.27E-11	8.67E-10
WNT4	0.2966361	0.0091743	32.3333	0.4250765	0.0152905	27.8	1.40E-11	9.31E-10
HES1	3.6299694	1.7706422	2.05009	4.4954128	2.2629969	1.986486486	4.71E-11	2.98E-09
RFX4	1.382263	0.648318	2.13208	1.8654434	0.9877676	1.888544892	6.34E-11	3.82E-09
LTBP4	0.6024465	0.2599388	2.31765	1.0183486	0.4434251	2.296551724	2.48E-10	1.40E-08
RARA	0.9021407	0.3639144	2.47899	1.3577982	0.5840979	2.32460733	2.54E-10	1.40E-08
KIF1B	2.1192661	1.2568807	1.68613	2.7737003	1.7981651	1.542517007	3.28E-10	1.77E-08
SOX9	0.9357798	0.3761468	2.4878	1.4097859	0.6269113	2.248780488	1.09E-09	5.79E-08
WNT7B	0.1284404	0	Inf	0.2201835	0	Inf	1.17E-09	6.07E-08
HOXA5	0.559633	0.1957187	2.85938	0.8746177	0.3027523	2.888888889	2.26E-09	1.12E-07
VDAC1	6.1896024	4.6850153	1.32115	7.1957187	5.5015291	1.30794886	5.33E-09	2.34E-07
ZFHX4	0.3792049	0.1100917	3.44444	0.6299694	0.17737	3.551724138	5.79E-09	2.50E-07
NRARP	1.3853211	0.7247706	1.91139	1.9266055	1.0397554	1.852941176	6.16E-09	2.59E-07
FRZB	0.4373089	0.1192661	3.66667	0.7125382	0.2079511	3.426470588	6.19E-09	2.59E-07
ZMAT3	0.8409786	0.4067278	2.06767	1.2905199	0.6330275	2.038647343	7.00E-09	2.88E-07
GPC3	2.4587156	1.5810398	1.55513	3.2324159	2.1100917	1.531884058	7.47E-09	3.02E-07
PLK2	1.0764526	0.4464832	2.41096	1.4464832	0.648318	2.231132075	1.28E-08	5.03E-07
GNAI2	4.8195719	3.470948	1.38855	5.6880734	4.1681957	1.364636831	2.30E-08	8.63E-07
MAPK8IP2	0.2844037	0.0703364	4.04348	0.4770642	0.1131498	4.216216216	4.05E-08	1.50E-06
ZCCHC11	2.2171254	1.3975535	1.58643	2.8470948	1.8134557	1.569983137	5.37E-08	1.93E-06
DKK3	0.3944954	0.2110092	1.86957	0.6452599	0.3394495	1.900900901	2.53E-07	8.42E-06

FJX1	1.0642202	0.6024465	1.7665	1.4892966	0.9388379	1.586319218	2.66E-07	8.72E-06
CSRNP3	0.3149847	0.0825688	3.81481	0.5198777	0.1406728	3.695652174	2.78E-07	8.93E-06
EDNRB	0.617737	0.0764526	8.08	0.7217125	0.1009174	7.151515152	2.79E-07	8.93E-06
OLIG2	4.6972477	3.235474	1.4518	5.6391437	3.8746177	1.455406472	2.95E-07	9.31E-06
RTN4	5.5107034	4.324159	1.2744	6.5321101	5.1681957	1.263905325	3.18E-07	9.93E-06
HOXD8	0.4678899	0.1743119	2.68421	0.7584098	0.293578	2.583333333	4.32E-07	1.31E-05
NMU	1.5779817	0.9816514	1.60748	2.1865443	1.3577982	1.61036036	4.94E-07	1.47E-05
SYT1	1.382263	0.9724771	1.42138	1.9082569	1.235474	1.544554455	6.49E-07	1.91E-05
NOTCH1	1.0061162	0.5168196	1.94675	1.4954128	0.8256881	1.811111111	7.18E-07	2.09E-05
KLF3	0.8746177	0.5198777	1.68235	1.3547401	0.7614679	1.779116466	7.99E-07	2.25E-05
HLTF	1	0.4831804	2.06962	1.4006116	0.733945	1.908333333	1.37E-06	3.69E-05
MLLT4	2.1192661	1.3975535	1.51641	2.7859327	1.8807339	1.481300813	1.49E-06	3.99E-05
MYBL2	1.9021407	1.2262997	1.55112	2.6024465	1.7584098	1.48	1.61E-06	4.25E-05
TGFB111	0.1314985	0.0152905	8.6	0.2232416	0.0275229	8.111111111	1.88E-06	4.83E-05
POU3F4	0.235474	0.0489297	4.8125	0.3669725	0.0764526	4.8	2.52E-06	6.40E-05
SERPINE2	0.6269113	0.2721713	2.30337	1	0.4740061	2.109677419	2.60E-06	6.54E-05
NPAS3	0.2568807	0.0764526	3.36	0.4311927	0.1192661	3.615384615	3.17E-06	7.91E-05
CEBPB	0.7400612	0.3394495	2.18018	1.0948012	0.5321101	2.057471264	3.52E-06	8.61E-05
CARHSP1	6.0061162	4.7675841	1.25978	7.1039755	5.648318	1.257715214	3.86E-06	9.27E-05
DNAJC21	1.9571865	1.2874618	1.52019	2.5963303	1.7981651	1.443877551	3.91E-06	9.29E-05
OLIG1	2.4678899	1.617737	1.52552	3.1896024	2.1223242	1.502881844	4.03E-06	9.51E-05
HOXB2	2.2018349	1.8195719	1.21008	2.8256881	2.4525994	1.152119701	5.98E-06	0.0001363
NNAT	3.1896024	2.3058104	1.38329	3.4464832	2.3486239	1.467447917	6.05E-06	0.0001363
NR2F2	1.3700306	0.8654434	1.58304	1.9388379	1.2262997	1.581047382	7.25E-06	0.0001619
HEY2	0.4617737	0.1987768	2.32308	0.7370031	0.324159	2.273584906	1.56E-05	0.0003361
GPC4	0.5045872	0.2079511	2.42647	0.7920489	0.3669725	2.158333333	2.31E-05	0.0004952
ERBB4	0.088685	0.0061162	14.5	0.1529052	0.0122324	12.5	2.48E-05	0.0005208
TSC22D1	4.1009174	3.030581	1.35318	4.9051988	3.7217125	1.31799507	2.49E-05	0.0005208
ZBTB18	0.2874618	0.1100917	2.61111	0.4831804	0.1896024	2.548387097	3.78E-05	0.0007776
MDFI	1.1743119	0.733945	1.6	1.7308869	1.1070336	1.563535912	4.25E-05	0.0008601
NFKBIA	0.9480122	0.5932722	1.59794	1.3639144	0.8960245	1.5221843	4.55E-05	0.0009147
EBF4	0.1437309	0.0366972	3.91667	0.266055	0.058104	4.578947368	4.67E-05	0.0009231
ATF5	0.4464832	0.382263	1.168	0.6360856	0.6085627	1.045226131	4.67E-05	0.0009231
TMF1	0.5688073	0.293578	1.9375	0.8899083	0.4617737	1.927152318	5.27E-05	0.0010354
DACT3	0.1681957	0.0458716	3.66667	0.2905199	0.0825688	3.518518519	6.28E-05	0.0012243
PBX1	3.0917431	2.4006116	1.2879	3.9235474	3.0825688	1.27281746	7.05E-05	0.0013632
ZNF827	0.324159	0.1437309	2.25532	0.5474006	0.2293578	2.386666667	7.78E-05	0.0014938
GNAI1	0.559633	0.2721713	2.05618	0.8929664	0.4556575	1.959731544	8.97E-05	0.0017093
PAFAH1B1	1.7706422	1.2782875	1.38517	2.3883792	1.8348624	1.301666667	9.65E-05	0.0018134