

TF	Sum of Real Count	Sum of Random Count	Over representation	Poisson p-values
ESR1	162	25.23	6.420927467	0
Myf	427	192.85	2.21415608	0
NHLH1	305	143.07	2.131823583	0
Hand1-Tcfe2	2355	1228.77	1.916550697	0
Foxd3	814	433.79	1.876484013	0
Roaz	376	203.67	1.846123631	0
HNF4A	378	212.63	1.777735973	0
FOXI1	1830	1035.8	1.766750338	0
Klf4	2252	1298.2	1.734709598	0
SPIB	2271	1349.3	1.683094938	0
Foxa2	1026	640.47	1.601948569	0
IRF1	377	241.92	1.558366402	0
REL	808	604.9	1.335757977	0
ELF5	4677	3502.52	1.335324281	0
FOXD1	921	692.03	1.330867159	0
SP1	1580	1220.03	1.295050122	0
ETS1	5963	4605.16	1.294851862	0
Fos	1027	809.91	1.268042128	0
MZF1_1-4	3678	2900.65	1.267991657	0
SPI1	3955	3128.07	1.264357895	0
MZF1_5-13	1247	1039.41	1.199719071	0
BRCA1	11930	10604.97	1.124944248	0
Cebpa	2439	2185.14	1.116175623	0
Mafb	3306	2999.61	1.102143279	0
Pax2	2898	2694.87	1.075376549	0
IRF2	110	51.69	2.128071194	5.50449E-13
TAL1-TCF3	411	284	1.447183099	6.06848E-13
NR2F1	138	76.91	1.794305032	1.28465E-10
RELA	315	224.44	1.403493138	4.88274E-09
STAT1	126	73.43	1.715919924	9.14774E-09
Evi1	114	75.48	1.510333863	1.41033E-05
NR3C1	105	70.69	1.485358608	5.35062E-05
NF-kappaB	338	272.7	1.239457279	5.94659E-05
Lhx3	294	239.12	1.229508197	0.000264773
Ddit3-Cebpa	570	508.03	1.121980985	0.003217475
Arnt-Ahr	1984	1874.45	1.05844381	0.005841743