TFs+1000

STRING

	GRN-GT (exp+DeepGene)	GRN-GT(exp)	GRN-GT (DeepGene)	GRNNLink	GNNLink	GENELink	GNE	PCC	MI
hESC	0.7025	0.6884	0.6729	0.6159	0.6254	0.1781	0.1613	0.0591	0.0316
hHEP	0.7686	0.7418	0.7326	0.6159	0.5459	0.1040	0.1713	0.0413	0.0286
mDC	0.8077	0.7994	0.8000	0.6578	0.6537	0.1726	0.1621	0.0461	0.0331
mESC	0.7734	0.7338	0.7440	0.5296	0.5775	0.1128	0.1496	0.0350	0.0272
mHSC-E	0.6647	0.6684	0.6269	0.6709	0.6212	0.3461	0.2956	0.0895	0.0483
mHSC-GM	0.7108	0.7254	0.6996	0.7550	0.6645	0.5097	0.3151	0.2064	0.1791
mHSC-L	0.3555	0.3864	0.3658	0.6187	0.5787	0.3013	0.1027	0.1842	0.2272

Cell-type-specific ChIP-seq

	GRN-GT (exp+DeepGene)	GRN-GT(exp)	GRN-GT (DeepGene)	GRNNLink	GNNLink	GENELink	GNE	PCC	MI
hESC	0.9060	0.9027	0.8947	0.8560	0.8438	0.8634	0.3633	0.1964	0.2234
hHEP	0.9677	0.9670	0.9608	0.9474	0.9239	0.9637	0.6058	0.4062	0.4526
mDC	0.7780	0.7757	0.7783	0.7127	0.6920	0.7880	0.1668	0.0814	0.0631
mESC	0.9693	0.9678	0.9623	0.9033	0.8397	0.9314	0.5418	0.3967	0.4824
mHSC-E	0.9808	0.9811	0.9776	0.9540	0.8999	0.9648	0.6976	0.5567	0.5399
mHSC-GM	0.9797	0.9809	0.9750	0.9555	0.9251	0.9563	0.7703	0.5598	0.5262
mHSC-L	0.9356	0.9365	0.9209	0.9130	0.8886	0.9075	0.7211	0.5335	0.5662

Non-specific ChIP-seq

	GRN-GT (exp+DeepGene)	GRN-GT(exp)	GRN-GT (DeepGene)	GRNNLink	GNNLink	GENELink	GNE	PCC	MI
hESC	0.2500	0.2432	0.1980	0.1576	0.1775	0.0768	0.0411	0.0177	0.0163
hHEP	0.2684	0.2612	0.2289	0.1734	0.1937	0.0781	0.0520	0.0199	0.0190
mDC	0.4228	0.4221	0.3900	0.3659	0.3425	0.0843	0.0669	0.0227	0.0178
mESC	0.3410	0.3066	0.3009	0.2296	0.2720	0.0214	0.0452	0.0215	0.0174
mHSC-E	0.4504	0.4572	0.4047	0.3837	0.3526	0.1173	0.0355	0.0523	0.0357
mHSC-GM	0.4985	0.5067	0.4580	0.4671	0.4319	0.3221	0.1887	0.0897	0.0772
mHSC-L	0.2371	0.2373	0.1847	0.2649	0.1997	0.2190	0.0478	0.0898	0.0871

LOF/GOF

	GRN-GT (exp+DeepGene)	GRN-GT(exp)	GRN-GT (DeepGene)	GRNNLink	GNNLink	GENELink	GNE	PCC	MI
mESC	0.9143	0.9147	0.9081	0.8729	0.8477	0.9307	0.4864	0.2259	0.2808