

**Supplementary Table 1 Physical interaction data sources**

Source	Power-law	Number of proteins			Number of interactions		
		All	Med- Conf	Hi-Conf	All	Med- Conf	High- Conf
Uetz I	-2.4±0.1	976	898	648	894	718	444
Uetz II	-1.7±0.1	494	75	49	505	66	40
Ito core	-1.8±0.2	780	668	580	747	538	423
Ito full	-1.4±0.1	3253	1039	728	4,358	800	537
Tong	-1.3±0.2	142	19	16	229	29	18
Lit	-2.2±0.1	797	674	455	776	574	353
All Y2H		3941	1941	1332	6,395	1,868	1137
Gavin	-1.16±0.05	1351	1347	1235	16,978	6,643	3357
Ho	-1.12±0.04	1569	1566	1419	26,308	6,007	2355
Spoke		2269	2269	2045	6,561	5,615	3248
Matrix		2271	2270	2142	41,775	11,574	4974
Y2H + Co-IP (Matrix)		4627	3215	2759	47,783	13,049	5787