Table S6. Spearman correlation of avPCC for orthologs between species.

networks 1 and 2	ρ	p-val	empirical p-val	# or- tho- logs	# hubs org 1	# hubs org 2
Athal and Fly	0.38	2e-06	< 0.001	143	99	73
Yeast-all and Athal	0.26	0.005	0.004	115	48	67
Yeast-hq and Fly	0.26	0.002	0.001	136	100	117
Athal and Human-all	0.14	0.07	0.030	180	90	89
Athal and Human-hq	0.08	0.3	0.150	133	79	63
Fly and Human-all	0.02	0.7	0.362	316	201	235
Yeast-all and Fly	-0.06	0.4	0.215	182	139	134
Yeast-hq and Athal	-0.18	0.1	0.066	68	39	60

avPCC correlation analysis for hubs in pairs of networks: Spearman's rho, corresponding p-value, empirical p-value for 1000 random permutations of avPCC among hubs, the number of orthologous pairs of hubs and the numbers of hubs in each organism involved into orthologs (only for hubs with assigned avPCC score). Correlations with absolute value above 0.1 and both p-values < 0.05 are shown in bold. See main text and Materials and methods for details.