

Table S7. Spearman correlation of clustering coefficient for orthologs between species.

networks 1 and 2	ρ	p-val	empirical p-val
Yeast-hq and Athal	0.35	0.003	< 0.001
Athal and Human-hq	0.34	$6e-05$	0.001
Fly and Human-all	0.28	$7e-07$	< 0.001
Yeast-hq and Fly	0.25	0.003	0.003
Athal and Human-all	0.23	0.002	0.001
Yeast-all and Athal	0.22	0.02	0.012
Yeast-all and Fly	0.17	0.02	0.009
Athal and Fly	-0.03	0.7	0.343

Clustering coefficient correlation analysis for hubs in pairs of networks: Spearman’s rho, corresponding p-value, empirical p-value for 1000 random permutations of clustering coefficient values among hubs. 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.