

Expanded View Figures

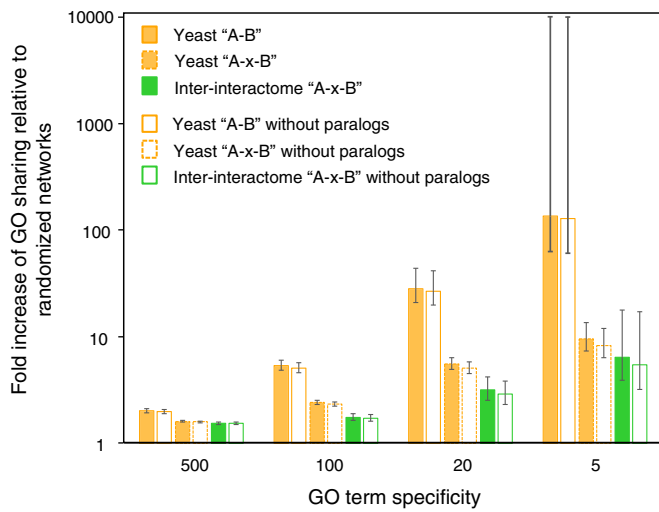


Figure EV1. Enrichment of GO annotation upon removal of paralogs. Fold increase of interacting proteins sharing specific GO in the inter-interactome (YHII-1, green) and intra-species yeast (YI-1) networks before and after removal of paralogs relative to 1,000 randomized network controls at indicated four cutoffs of GO specificity (x-axis). Error bars indicate standard errors. Empirical *P*-values for all cases are 0.001.

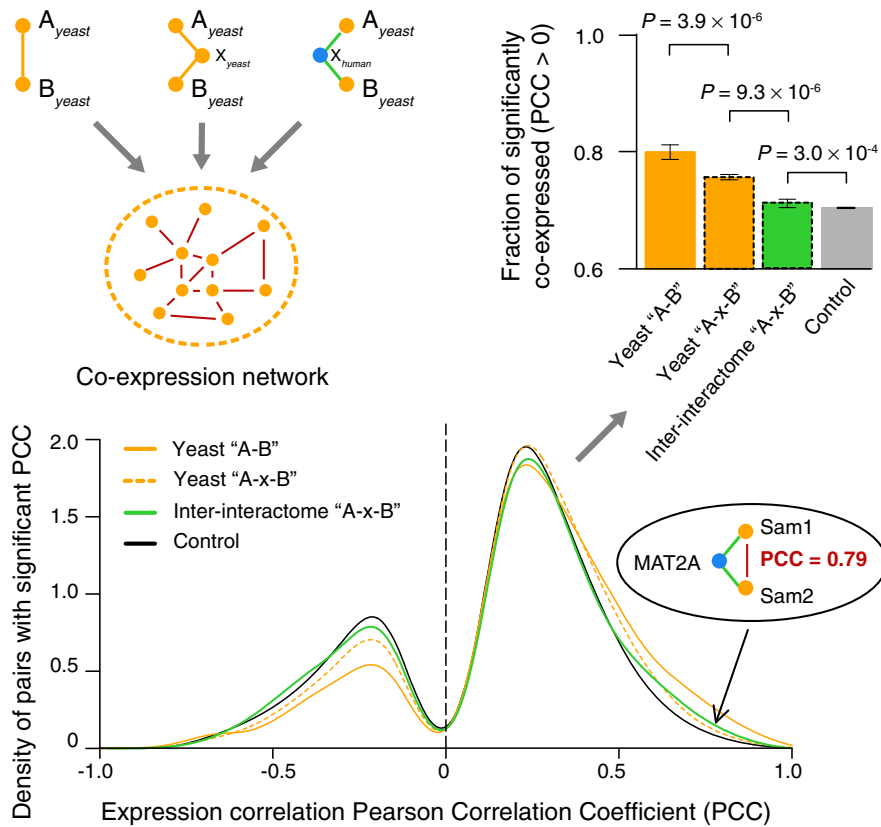


Figure EV2. Overlap with gene expression correlation network. Distribution of co-expression PCCs for directly and indirectly interacting protein pairs. Fraction of each distribution with PCC > 0 (top right). Error bars: standard error of the proportion. *P*-values for PCC distribution comparisons determined by Mann–Whitney *U*-test. An inter-species example pair is shown.