



Supplementary Figure S1

Interaction phenotype displayed by colony 2F061 in the yeast two-hybrid library screen using GAL4DB-FOXC1 fusion construct as a bait vector. Colony 2F061 in the black box grows on the selective medium without histidine (-HIS+3AT) or uracil (-URA), and shows positive X-Gal staining (X-GAL ASSAY), while the growth on medium containing 5FOA was inhibited, indicating a protein-protein interaction in the yeast. (The prey construct in 2F061 was sequenced later and found to encode human p32). A-E are control yeast strains supplied by the ProQuest Two-Hybrid System (Invitrogen) displaying a spectrum of interaction strength. A: No interaction; B: weak interaction; C: moderately strong interaction; D: strong interaction; E: very strong interaction. DBFF is the yeast cells co-transformed by the FOXC1-bait construct and the empty prey vector. DBleu is the yeast cells co-transformed by the empty bait vector and the empty prey vector. 2F021, 2F031, 2F032 are patches yeast cells containing FOXC1 bait construct and different library prey plasmids, which were tested for the interaction phenotype on the selective medium.