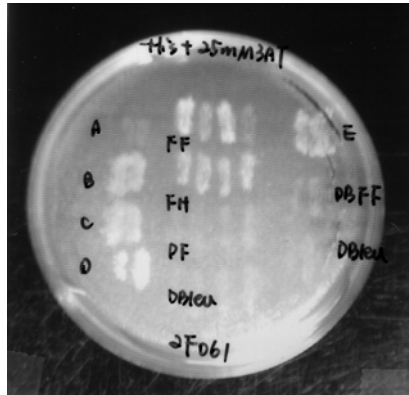
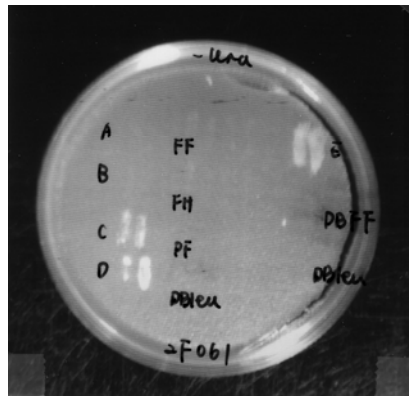
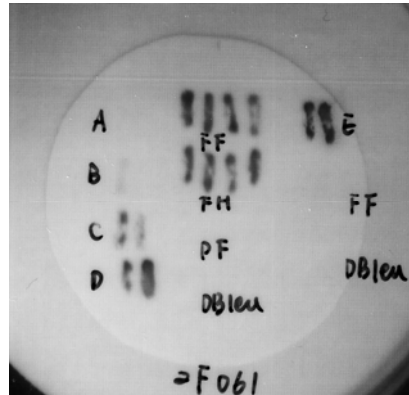
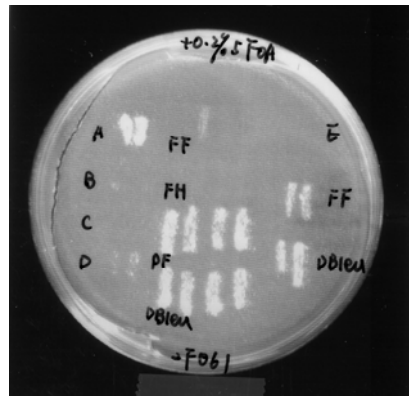


-HIS+3AT**X-GAL ASSAY****-URA****5FOA****Supplementary Figure S2**

Retransformation assay and test against other bait constructs. The 2F061 prey construct was re-co-transformed into yeast with the original FOXC1 bait construct and the interaction phenotypes were confirmed (in the black box). The 2F061 prey construct was also tested for interactions with the FOXC1FHD bait construct (FH) and a full length PITX2 construct (PF). The 2F061/FOXC1FHD showed interaction phenotypes while the 2F061/PITX2 did not. The 2F061 prey constructs were co-transformed with an empty bait construct to test for prey self-activation (DBleu). 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 and DBleu are patches of experimental negative control yeast cells. DBFF is the yeast cells co-transformed by the FOXC1-bait construct and the empty prey vector.