Figure S1. Overexpression of FOB1 impairs growth and increases Gcn4-lacZ expression in the eco1-W216G strain. (A) Growth assay of WT and eco1-W216G strains with the indicated galactose-inducible over-expression CEN plasmids or empty vector (EV) on SD-ura and gal-ura plates. (B) WT and eco1-W216G strains with Gcn4-lacZ integrated into the genome were transformed with the indicated galactose-inducible over-expression plasmids. β-galactosidase activity for each strain was measured in triplicate from mid log phase cells grown in YPD + CSM or YPgal + CSM, as indicated. The C193A point mutation in the zinc finger motif of FOB1 has been shown to disrupt its association with the RFB [12]. All values were normalized to the level of the WT strain grown in YPD + CSM and are shown in arbitrary units (a.u.). The histogram represents the average of four biological replicates. Error bars indicate standard deviation. The p value was calculated by Student's t-test, comparing the level of Gcn4-lacZ with Fob1 over-expression (galactose) to the level of Gcn4-lacZ without Fob1 over-expression (glucose) in the eco1-W216G strain.