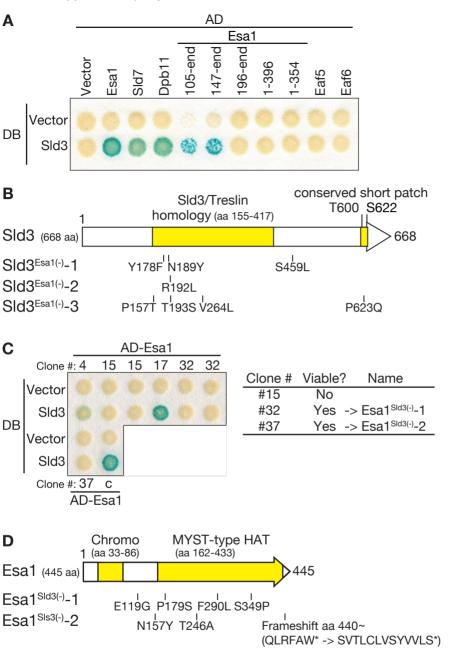
Tanaka Supplementary Fig. S4



Supplementary Figure S4. Isolation of mutants that diminish the SId3–Esa1 interaction.

A. Interaction between Sld3 and various Esa1 constructs, Eaf5, and Eaf6 were tested in the Y2H analysis. AD: activation domain. DB: DNA-binding domain. **B.** Schematics of Sld3^{Esa1(-)} mutant proteins. Numbers indicate the positions of amino acid residues. **C.** Isolation of Esa1^{Sld3(-)} mutants. Interactions between Esa1^{Sld3(-)} candidates and Sld3 were tested in the Y2H. Clone # indicates the initial number of candidates. c: Positive control (Esa1) for the Y2H. Clone #15 lacked an interaction with Sld3 in this assay, as did #32 and #37. However, plasmid shuffling assay revealed that #15 could not support cell growth, whereas #32 and #37 could. Therefore, #15 was not retained as an Esa1^{Sld3(-)} mutant and #32 and #37 were named Esa1^{Sld3(-)} 1 and -2, respectively. (see Materials and Methods). **D.** Schematics of Esa1^{Sld3(-)} mutant proteins. Numbers indicate the positions of amino acid residues.