



S9 Fig. Effect of the $IRA1^{N200D}$ variant on secretion of galactosidase enzymes.

A, β -galactosidase activity of clones of IT1005 incorporating the $IRA1^{N200D}$ edit (green dots, 7 independently edited clones) is compared to unedited clones from the same strain (orange squares, 2 independent clones) that were transformed for CRISPR editing but failed to incorporate the $IRA1^{N200D}$ SNP, and to the original unedited strain IT1005 (blue triangles, 7 technical replicates). The negative control strains are CBS_pGAP (open inverted triangles, 7 technical replicates) and its $IRA1^{N200D}$ derivative (brown diamonds, 3 technical replicates).

B, α -galactosidase activity of clones of IT1018 incorporating the $IRA1^{N200D}$ edit (green dots, 11 independently edited clones) is compared to unedited clones from the same strain (orange squares, 2 independent clones) that were transformed for CRISPR editing but failed to incorporate the $IRA1^{N200D}$ SNP, and to the original unedited strain IT1018 (blue triangles, 7 technical replicates). The negative controls are the same as in **A**. Numerical data are listed in S1 Data.