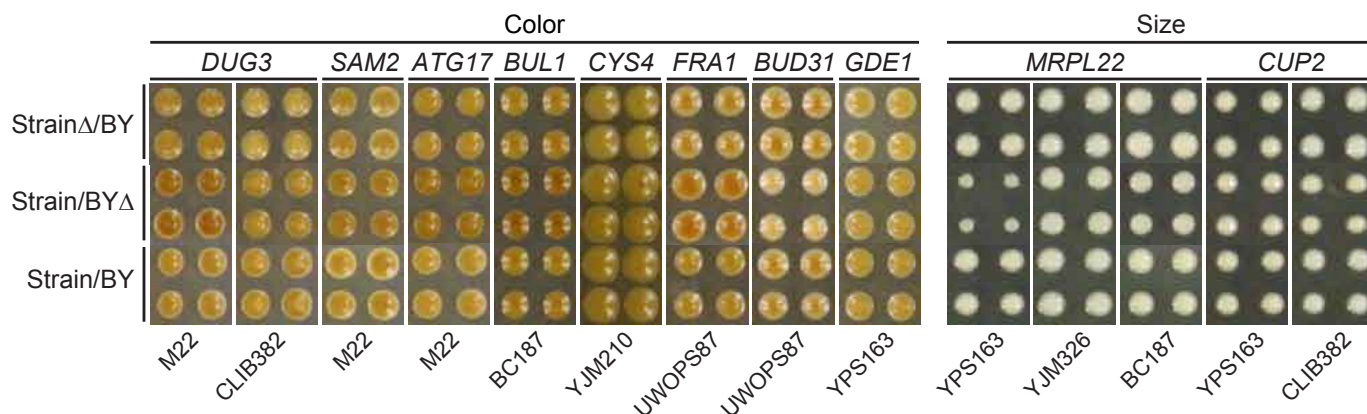
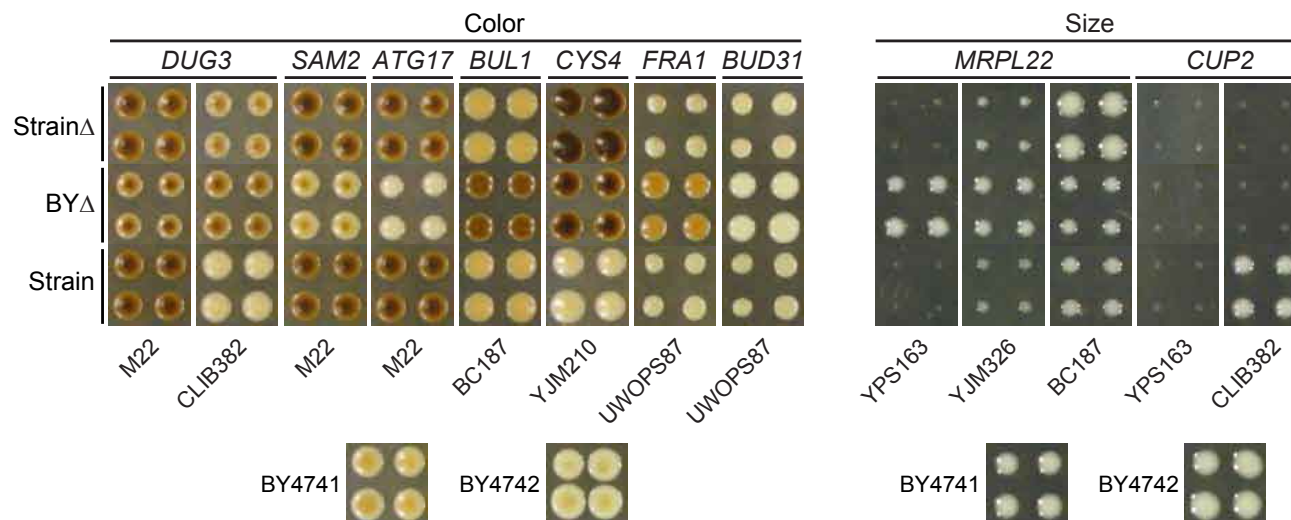


A



B



**Figure S3** Phenotypes of reciprocal hemizygotes and their haploid progenitors. (A) Diploid hybrids, Strain $\Delta$ /BY and Strain/BY $\Delta$ , carry one of the two parental alleles and so are reciprocally hemizygous for the quantitative trait gene (top labels), where Strain refers to the strain background (bottom labels), BY refers to the deletion collection background (either BY4741 or BY4742) and  $\Delta$  indicates which allele was deleted. Four replicate colonies are shown for each strain. (B) Colony color and copper sensitivity of haploid deletions of the candidate quantitative trait genes in different strain backgrounds. Strain $\Delta$  and BY $\Delta$  indicate a deletion of a gene (top labels) within different strain backgrounds (bottom labels) and within the deletion strain background (either BY4741 or BY4742), respectively. Relative to the BY background, a small difference between Strain and Strain $\Delta$  is consistent with the Strain carrying an allele with a substantial loss of function.