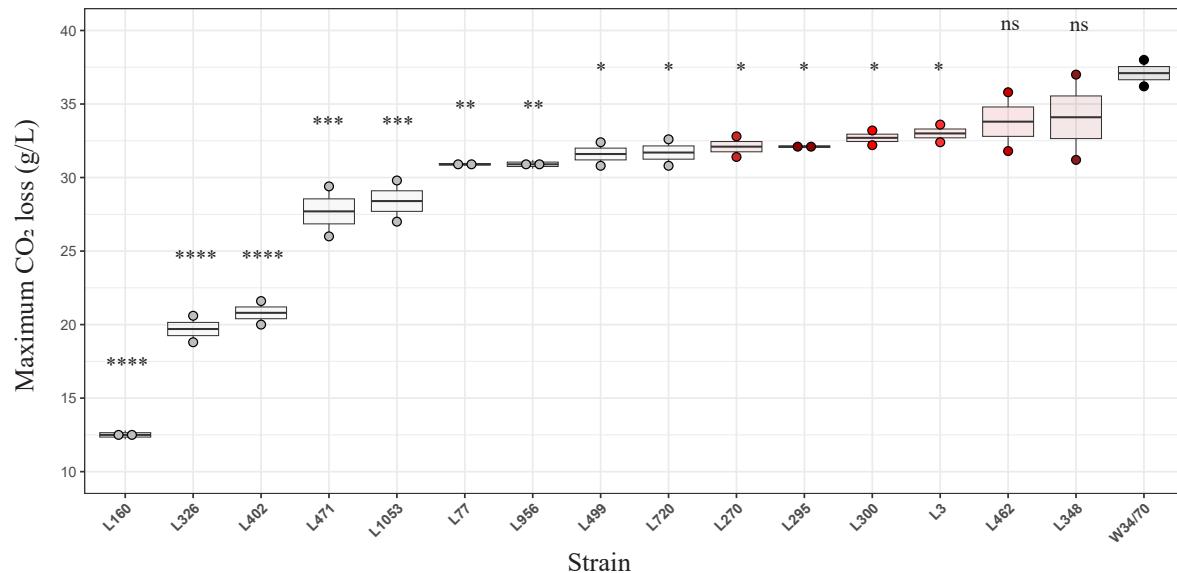
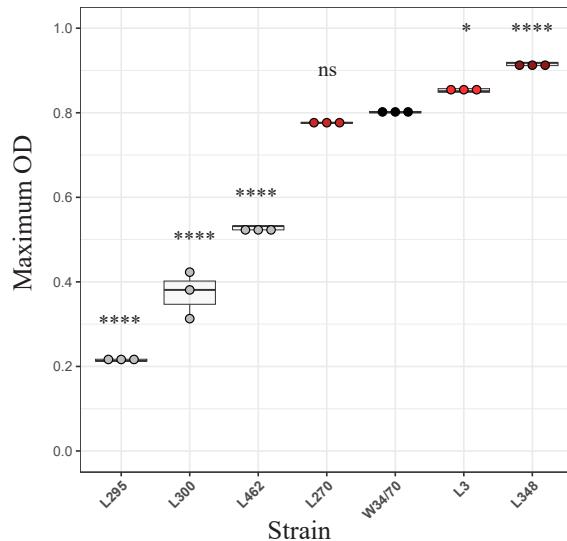


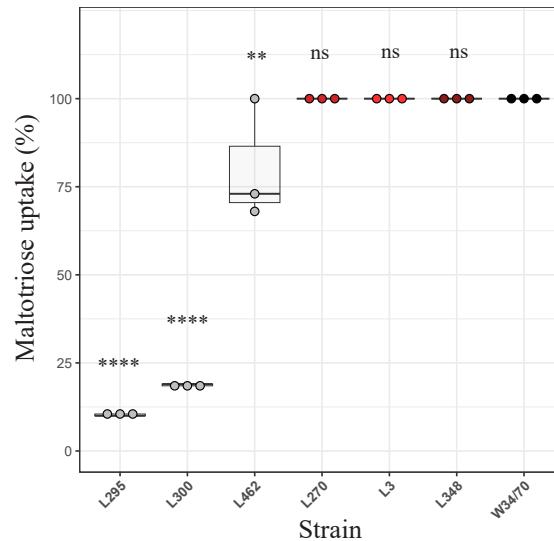
(A)



(B)



(C)



**Figure S2. Phenotypic characterization of *S. cerevisiae* parental strains.** (A) Fermentation performance of 15 *S. cerevisiae* strains. (B) Maximum OD reached of growth curves in maltotriose 2% under microculture conditions (C) Maltotriose uptake after growth in maltotriose 2% under microculture conditions. Plotted values correspond to three biological replicates. The (\*) represents different levels of significance between the phenotype of haploid strains and their respective parental strain (t-test; \* $p \leq 0.05$ , \*\* $p \leq 0.01$ , \*\*\* $p \leq 0.001$ , \*\*\*\* $p \leq 0.0001$  and ns: non-significant)