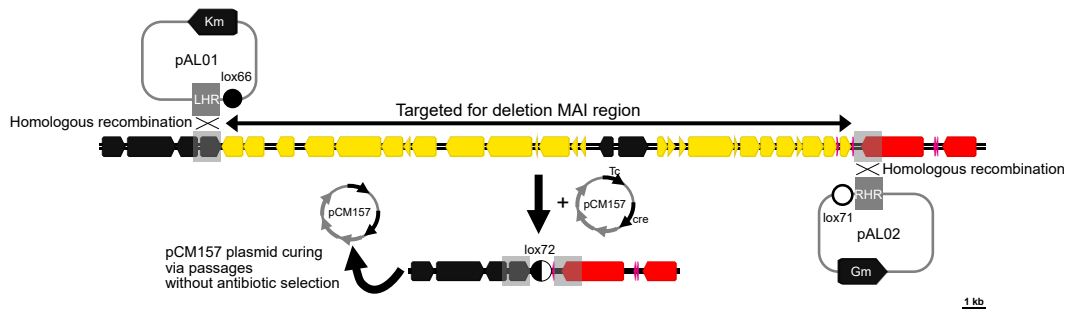
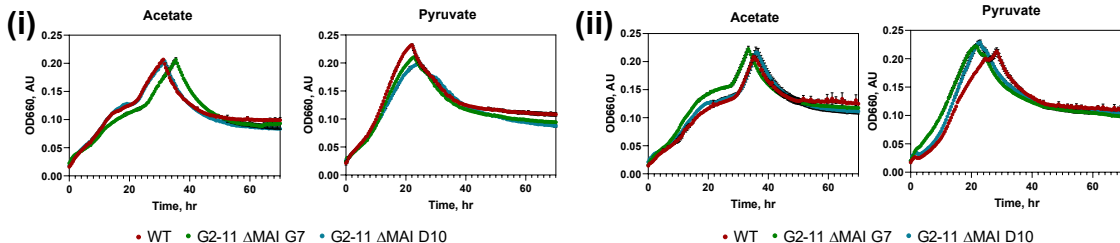


a**b**

Supplementary Figure S4 Construction scheme and growth analysis of the G2-11 Δ MAI mutants.

(a) The MAI region was excised using a Cre-lox-based allele exchange technique with modifications (see 'Materials and Methods' for details). LHR: left homologous region; RHR: right homologous region. (b) Growth curves of two G2-11 Δ MAI clones and the wildtype (WT) cultivated chemoheterotrophically in a minimal medium with acetate or pyruvate as carbon source. Results of two independent experiments are shown (i and ii). Error bars indicate the standard deviation of three biological replicates.