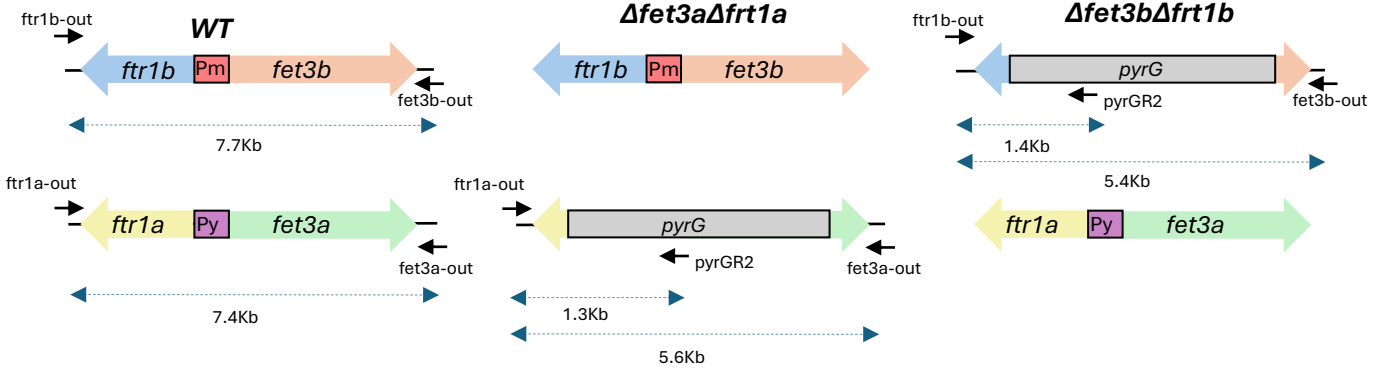


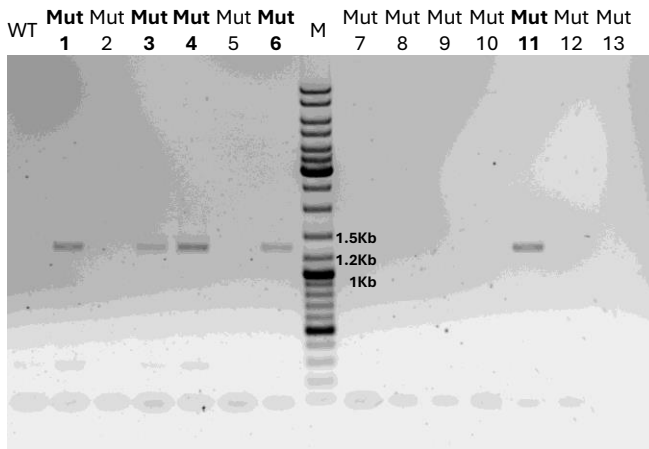
Supplementary Figure 1. Generation of mutant strains with monomorphic HAIUS loci by locus deletion.

a

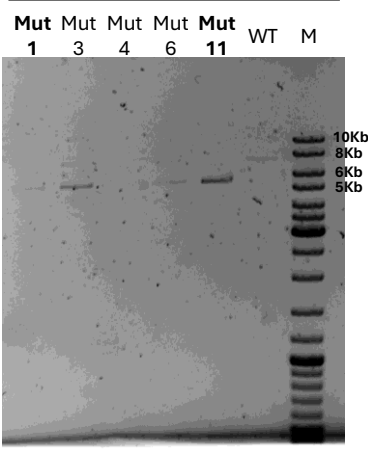


b

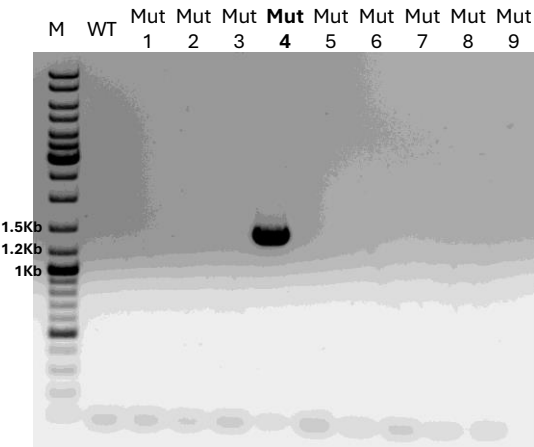
5' junction PCR Δ fet3a Δ ftr1a (1.3Kb)



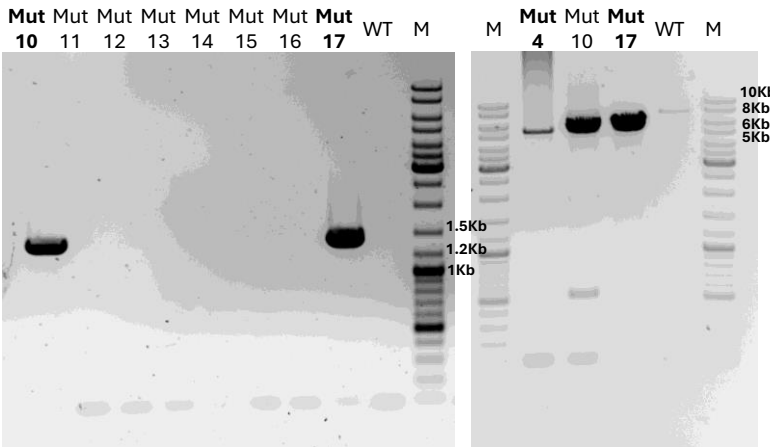
Whole locus PCR Δ fet3a Δ ftr1a (MUT 5.6Kb, WT 7.4Kb)



5' junction PCR Δ fet3b Δ ftr1b (1.4Kb)



Whole locus PCR Δ fet3b Δ ftr1b (MUT 5.4Kb, WT 7.7Kb)



Supplementary Figure 1. Generation of mutant strains with monomorphic HAIUS loci by locus deletion. **a.** Schematic representation of the wild-type locus, $\Delta\text{fet3a}\Delta\text{ftr1a}$, and $\Delta\text{fet3b}\Delta\text{ftr1b}$ loci, indicating primers used for PCR validation and expected amplicon sizes. **b.** Validation PCR of transformants obtained by amplification of the 5' flanking region of the deleted locus, and whole-locus PCR of mutants to assess homokaryosis. Homokaryotic mutants are indicated in bold. Expected PCR amplicon sizes are depicted. WT, wild-type; M, loading marker.