

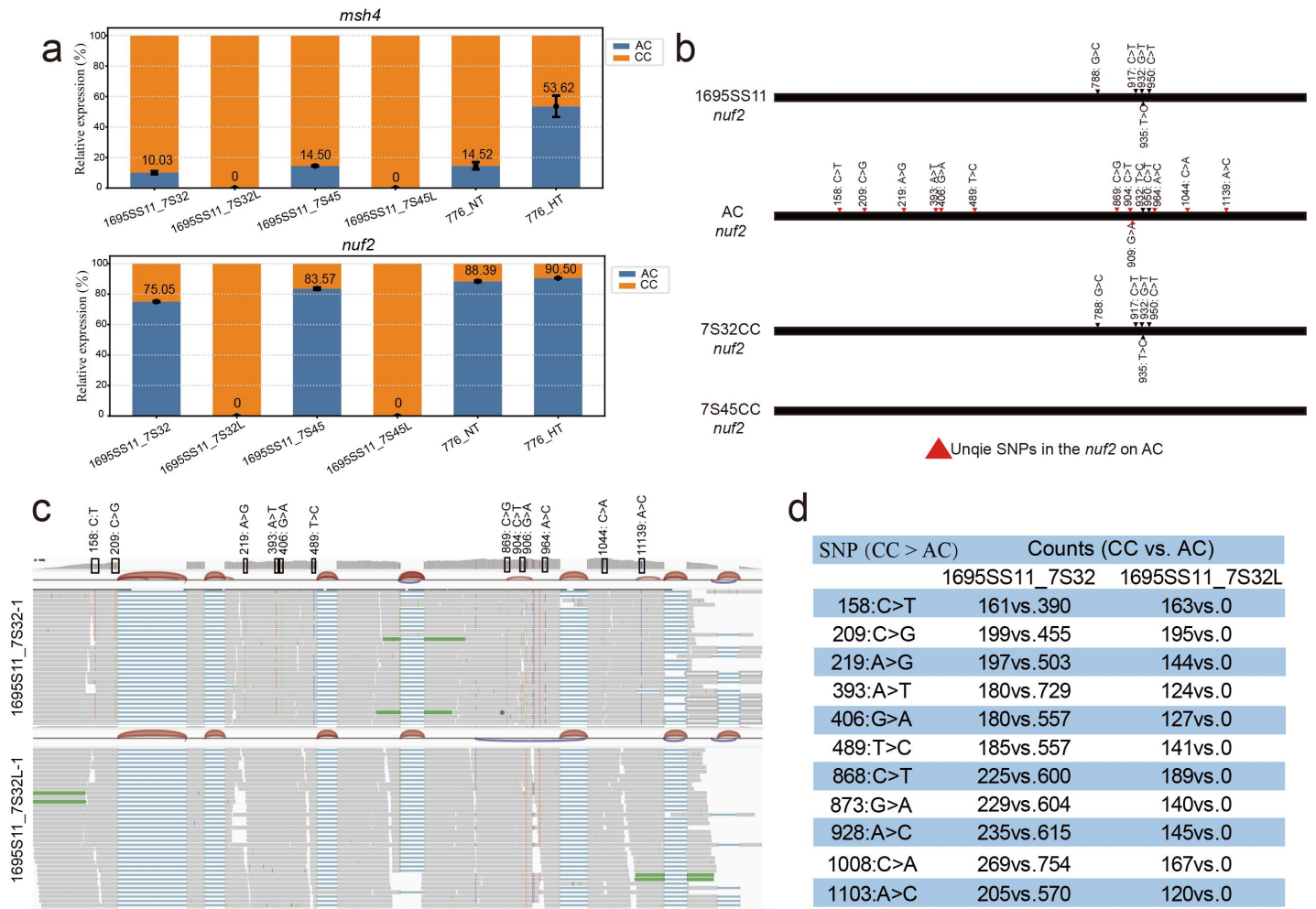


Figure S8. Allele expression analysis of *msh4* and *nuf2*. (a), The relative expression of AC- and CC-encoded *msh4* and *nuf2* in different strains. 776-NT, strain 776 cultured at 25°C; 776-HT, strain 776 cultured at 33°C. The 776-NT and 776-HT datasets are obtained from Li et al. [2], others are from this study. (b), Variation in *nuf2* genes in the CCs of strains 1695SS11, 7S32, and 7S45, and in the AC. (c), (d), Expression of gene *nuf2* in AC-containing and AC-lost strain pairs. Unique SNP sites are boxed. In the AC-containing strain 1695SS11 × 7S32, AC-specific SNP sites showed clear supporting read counts, whereas no such counts were detected in the corresponding AC-lost strain (d), indicating that AC-encoded *nuf2* was indeed expressed and that this expression was lost following AC loss.