

Table S1 Strains and plasmids used in this study

Strains or plasmids	Relevant characteristics	Reference or provider
Strains		
XF0	diploid yeast strain	This lab[1]
XF0-L	$\Delta LEU1$ -/-,diploid yeast strain	This lab[1]
XF0-h	$\Delta HOM2$ +/-,diploid yeast strain	This study
XF0-H	$\Delta HOM2$ -/-,diploid yeast strain	This study
XF0-LH	$\Delta LEU1$ -/-, $\Delta HOM2$ -/-,diploid yeast strain	This study
Plasmids		
p414	TEF1p-Cas9-CYC1t	This lab
pPICZ (alpha)	AOX1-BleoR	This lab
p414-Cas9-BleoR	TEF1p-Cas9-BleoR-CYC1t	This lab[1]
pUG6	kanMX	This lab
P426	SNR52p-gRNA-CAN1.Y-SUP4t	This lab[1]
p426-gRNA- <i>HOM2</i> -kanMX	SNR52p-gRNA-HOM2-Y-SUP4t- kanMX	This study

References:

1. Wang, Z.; He, J.; Lang, S.; Zhou, S. Construction of *LEU1* gene deleted *Saccharomyces cerevisiae* based on CRISPR-Cas9 system for brewing low degree of drunkenness rice wine. *China Brewing* **2024**, *43*, 62-67, doi:10.11882/j.issn.0254-5071.2024.04.009.