**Supplementary File 1. Strains used in this study**

|  |  |  |
| --- | --- | --- |
| Name | Genotype | Source |
| WFLP | *MATa-inc trp1-1 ura3-1 ade2-1 his3-11,15 can1-100**leu2Δ::SFA1 met17Δ::GAL-flpH305L::HPHMX6*  | (Ortega et al., 2019) |
| WFR1R2 | *MATa-inc trp1-1 ura3-1 ade2-1 his3-11,15 can1-100 leu2Δ::SFA1 met17Δ::GAL-flpH305L::HPHMX6 rnh1Δ::NATNT2 rnh201Δ::KANMX4* | This study |
| WFHPR1 | *MATa-inc trp1-1 ura3-1 ade2-1 his3-11,15 can1-100 leu2Δ::SFA1 met17Δ::GAL-flpH305L::HPHMX6 hpr1Δ::HIS3* | This study |
| WSR-7D | *MATa-inc trp1-1 ura3-1 ade2-1 his3-11,15 can1-100**ade3::GAL-HO leu2Δ::SFA1* | (Muñoz-Galván et al., 2013) |
| WSR1R2 | *MATa-inc trp1-1 ura3-1 ade2-1 his3-11,15 can1-100 ade3::GAL-HO leu2Δ::SFA1 rnh1Δ::NATNT2 rnh201Δ::KANMX4* | This study |
| WSHPR1 | *MATa-inc trp1-1 ura3-1 ade2-1 his3-11,15 can1-100 ade3::GAL-HO leu2Δ::SFA1 hpr1Δ::HIS3* | This study |
| GLY | *Mata trp1-1 ura3-1 ade2-1 his3-11,15 can1-100 leu2-3,112 NATNT2::GAL-LYS2* | This study |
| GLFT | *Mata trp1-1 ura3-1 ade2-1 his3-11,15 can1-100 leu2-3,112 NATNT2::GAL-lys2-FRT-T* | This study |
| GLFNT | *Mata trp1-1 ura3-1 ade2-1 his3-11,15 can1-100 leu2-3,112 NATNT2::GAL-lys2-FRT-NT* | This study |
| YBP250 | *Matα trp1-1 ura3-1 ade2-1 his3-11,15 can1-100 leu2-3,112 bar1Δ* | (Moriel-Carretero and Aguilera, 2010) |
| YLY | *Matα trp1-1 ura3-1 ade2-1 his3-11,15 can1-100 leu2-3,112 lys2-3705* | This study |
| DGLFT | *Mata/α trp1-1/trp1-1 ura3-1/ura3-1 ade2-1/ade2-1 his3-11,15/his3-11,15 can1-100/can1-100 leu2-3,112/leu2-3,112 NATNT2::GAL-lys2-FRT-T/lys2-3705* | This study |
| DGLFNT | *Mata/α trp1-1/trp1-1 ura3-1/ura3-1 ade2-1/ade2-1 his3-11,15/his3-11,15 can1-100/can1-100 leu2-3,112/leu2-3,112 NATNT2::GAL-lys2-FRT-NT/lys2-3705* | This study |

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