

Table 4. Strains used in this study.

Strain	Genotype	Source
AN117-4B	<i>MATα arg4-NspI his3SK ho::LYS2 leu2 lys2 rme1::LEU2 trp1::hisG ura3</i>	(Neiman et al., 2000)
AN117-16D	<i>MATα his3/SK ho::LYS2 leu2 lys2 trp1::hisG ura3</i>	(Neiman et al., 2000)
AN120	<i>MATα/MATα ARG4/arg4-NspI his3SK/his3SK ho::LYS2/ho::LYS2 leu2/leu2 lys2/lys2RME1/rme1::LEU2 trp1::hisG/trp1::hisG ura3/ura3</i>	(Neiman et al., 2000)
AN180	<i>MATα/MATΔ ARG4/arg4-NspI his3ΔSK/his3ΔSK hoΔ::LYS2/hoΔ::LYS2 leu2/leu2 lys2/lys2 spo21Δ::HIS3MX6/spo21Δ::HIS3MX6 RME1/rme1Δ::LEU2 trp1::hisG/trp1::hisG ura3/ura3</i>	(Neiman et al., 2000)
HI3	<i>MATα/MATα ARG4/arg4-NspI his3ΔSK/his3ΔSK hoΔ::LYS2/hoΔ::LYS2 leu2/leu2 lys2/lys2 RME1/rme1Δ::LEU2 trp1::hisG/trp1::hisG ura3/ura3 sso1Δ::his5+/sso1Δ::his5+</i>	(Nakanishi et al., 2006)
HI60	<i>MATα/MATα ARG4/arg4-NspI his3ΔSK/his3ΔSK hoΔ::LYS2/hoΔ::LYS2 leu2/leu2 lys2/lys2 RME1/rme1Δ::LEU2 trp1::hisG/trp1::hisG ura3/ura3 spo14Δ::ura3-/spo14Δ::ura3-</i>	This study
EMD85	<i>MATα/MATα ARG4/arg4-NspI his3ΔSK/his3ΔSK hoΔ::LYS2/hoΔ::LYS2 leu2/leu2 lys2/lys2 RME1/rme1Δ::LEU2 trp1::hisG/trp1::hisG ura3/ura3 SPC42-GFP::kanMX4/SPC42-GFP::kanMX4</i>	This study
EMD3	<i>MATα/MATα ARG4/arg4-NspI his3ΔSK/his3ΔSK hoΔ::LYS2/hoΔ::LYS2 leu2/leu2</i>	This study

lys2/lys2 RME1/rme1Δ::LEU2 trp1::hisG/trp1::hisG ura3/ura3 sso1Δ::his5+/sso1Δ::his5+
SPC42-GFP::kanMX4/SPC42-GFP::kanMX4

EMD4	<i>MATa/MATα ARG4/arg4-NspI his3ΔSK/his3ΔSK hoΔ::LYS2/hoΔ::LYS2 leu2/leu2</i> <i>lys2/lys2 RME1/rme1Δ::LEU2 trp1::hisG/trp1::hisG ura3/ura3</i> <i>CNM67-GFP::his5+/CNM67-GFP::his5+</i>	This study
EMD6	<i>MATa/MATα ARG4/arg4-NspI his3ΔSK/his3ΔSK hoΔ::LYS2/hoΔ::LYS2 leu2/leu2</i> <i>lys2/lys2 RME1/rme1Δ::LEU2 trp1::hisG/trp1::hisG ura3/ura3 sso1Δ::his5+/sso1Δ::his5+</i> <i>CNM67-GFP::his5+/CNM67-GFP::his5+</i>	This study
MND57	<i>MATa/MAT ARG4/arg4-NspI his3SK/his3SK ho::LYS2/ho::LYS2 leu2/leu2 lys2/lys2</i> <i>RME1/rme1::LEU2 trp1::hisG/trp1::hisG ura3/ura3 ady4Δ::HIS3MX6/ady4Δ::HIS3MX6</i>	(Nickas et al., 2003)
MND46	<i>MATa/MATα ARG4/arg4-NspI his3ΔSK/his3ΔSK hoΔ::LYS2/hoΔ::LYS2 leu2/leu2</i> <i>lys2/lys2 RME1/rme1Δ::LEU2 trp1::hisG/trp1::hisG ura3/ura3</i> <i>ady4Δ::HIS3MX6/ady4Δ::HIS3MX6 MPC54-GFP::HIS3MX6/ MPC54-GFP::HIS3MX6</i>	This study
MND48	<i>MATa/MATα ARG4/arg4-NspI his3ΔSK/his3ΔSK hoΔ::LYS2/hoΔ::LYS2 leu2/leu2</i> <i>lys2/lys2 RME1/rme1Δ::LEU2 trp1::hisG/trp1::hisG ura3/ura3</i> <i>ady4Δ::HIS3MX6/ady4Δ::HIS3MX6 SPO21-GFP::HIS3MX6/ SPO21-GFP::HIS3MX6</i>	This study

EMD10	<i>MATα/MATα ARG4/arg4-NspI his3ΔSK/his3ΔSK hoΔ::LYS2/hoΔ::LYS2 leu2/leu2</i> <i>lys2/lys2 RME1/rme1Δ::LEU2 trp1::hisG/trp1::hisG ura3/ura3 sso1Δ::his5+/sso1Δ::his5+</i> <i>ady4Δ::HIS3MX6/ady4Δ::HIS3MX6</i>	This study
MND58	<i>MATα/MAT ARG4/arg4-NspI his3SK/his3SK ho::LYS2/ho::LYS2 leu2/leu2 lys2/lys2</i> <i>RME1/rme1::LEU2 trp1::hisG/trp1::hisG ura3/ura3 spo74Δ::HIS3MX6/spo74Δ::HIS3MX6</i>	(Nickas et al., 2003)
NY541	<i>MATα/MAT ARG4/arg4-NspI his3SK/his3SK ho::LYS2/ho::LYS2 leu2/leu2 lys2/lys2</i> <i>RME1/rme1::LEU2 trp1::hisG/trp1::hisG ura3/ura3 mpc54Δ::HIS3MX6/mpc54Δ::HIS3MX6</i>	(Nickas et al., 2003)