

Table S3. Yeast strains used in this study.

Strain	Relevant genotype	Reference
W303-1A	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15</i>	R. Rothstein
W303-1B	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15</i>	R. Rothstein
<i>rna14-1 W</i>	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rna14-1</i>	[1]
<i>rna15-1 W</i>	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rna15-1</i>	F. Lacroute
NA65	<i>MATa ura3-1 trp1Δ ade2-1 leu2-3,112 his3-11,15 pcf11-2</i>	[1]
MHY300	<i>MATa ura3-1 ade2-1 leu2-3,112 his3-11,15 trp hrp1-5</i>	C. Moore
YBD40	<i>ura3 ade2-1 leu2,3-112 his3-11,15 trp1Δ yhh1Δ::TRP1 pBD57 (YHH1-URA3-CEN)</i>	[2]
YBD57	<i>ura3 ade2-1 leu2,3-112 his3-11,15 trp1Δ yhh1Δ::TRP1 (yhh1-3-LEU2-CEN)</i>	[2]
YHG104-6B	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rat1-1</i>	This study
MGSC97	<i>MATa ura3-1 trp1-1 ade2-1 leu2-3,112 his3-11,15 rad7Δ::URA3</i>	[3]
yMR01	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rna14-1 rad7Δ::URA3</i>	This study
yHG50	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rna14-1 rad7Δ::KAN</i>	This study
yHG51	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rna15-1 rad7Δ::KAN</i>	This study
yHG52	<i>MATa ura3-1 ade2-1 leu2-3,112 his3-11,15 trp hrp1-5 rad7Δ::KAN</i>	This study
yMR02	<i>MATa ura3-1 trp1-1 ade2-1 leu2-3,112 his3-11,15 pcf11-2 rad7Δ::URA3</i>	This study
yHG53	<i>ura3 ade2-1 leu2,3-112 his3-11,15 trp1Δ yhh1Δ::TRP1 pBd57 (YHH1 ura3 CEN) rad7Δ::KAN</i>	This study
yHG54	<i>ura3 ade2-1 leu2,3-112 his3-11,15 trp1Δ yhh1Δ::TRP1 (yhh1-3 leu2 CEN) rad7Δ::KAN</i>	This study
yHG104-6B	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rat1-1</i>	This study
yHG104-2C	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rat1-1 rad7Δ::KAN</i>	This study
MGSC102	<i>MATa ura3-1 trp1-1 ade2-1 leu2-3,112 his3-11,15 rad26Δ::HIS3</i>	[4]
R267-10A	<i>MATa ura3-1 trp1-1 ade2-1 leu2-3,112 his3-11,15 rad26Δ::HIS3 rad7Δ::URA3</i>	[5]
yHG86-1A	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rad26Δ::HIS3 rna14-1</i>	This study
yHG86-3C	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rad26Δ::HIS3 rad7Δ::URA3 rna14-1</i>	This study
yHG87-1D	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rad26Δ::HIS3 hrp1-5</i>	This study
yHG87-1A	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rad26Δ::HIS3 rad7Δ::URA3 hrp1-5</i>	This study
yHG106-1D	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rad52Δ::KAN</i>	This study
yHG106-6B	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rad52Δ::KAN rna14-1</i>	This study
yHG112-7A	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 Ku70Δ::HYGR</i>	This study
yHG112-2A	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 Ku70Δ::HYGR rna14-1</i>	This study
yHG113-11A	<i>MATa ura3-1 leu2-3,112 trp1-1 his3-11,15 lys2Δ ogg1Δ::KAN ntg1Δ::KAN ntg2Δ::KAN</i>	This study

yHG113-11B	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 met15Δ ogg1Δ::KAN ntg1Δ::KAN ntg2Δ::KAN rna14-1</i>	This study
yHG115-6A	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 sml1Δ::URA3</i>	This study
yHG115-1B	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 sml1Δ::URA3 rna14-1</i>	This study
yHG115-8A	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 sml1Δ::URA3 mec1Δ::LEU2</i>	This study
yHG115-3C	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 sml1Δ::URA3 mec1Δ::LEU2 rna14-1</i>	This study
yHG116-4C	<i>MATa ura3-1 leu2-3,112 trp1-1 his3-11,15 msh2Δ::KAN</i>	This study
yHG116-13A	<i>MATa ura3-1 leu2-3,112 trp1-1 his3-11,15 msh2Δ::KAN rna14-1</i>	This study
yHG118-8D	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rad1Δ::LEU2</i>	This study
yHG118-7D	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rad1Δ::LEU2 rna14-1</i>	This study
yHG119-3C	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 rad9Δ::KAN</i>	This study
yHG119-4C	<i>MATa ura3-1 leu2-3,112 trp1-1 his3-11,15 rad9Δ::KAN rna14-1</i>	This study
yHG120-8B	<i>MATa ura3-1 ade2-1 leu2-3,112 his3-11,15 rad18Δ::KAN</i>	This study
yHG120-2C	<i>MATa ura3-1 leu2-3,112 trp1-1 his3-11,15 rad18Δ::KAN rna14-1</i>	This study
yHG121-11C	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 lig4Δ::KAN</i>	This study
yHG121-4A	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 lig4Δ::KAN rna14-1</i>	This study
yHG124-7A	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 bar1Δ</i>	This study
yHG124-6D	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 bar1Δ rna14-1</i>	This study
yHG136-6A	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 bar1Δ sic1Δ::KAN</i>	This study
yHG136-17B	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 bar1Δ sic1Δ::KAN rna14-1</i>	This study
yHG144-5D	<i>MATa ura3 ade2-1 leu2-3,112 trp1-1 his3-11,15 bar1Δ::HYGR ura3::URA3/GPD-TK(7x)</i>	This study
yHG147-1D	<i>MATa ura3 ade2-1 leu2-3,112 trp1-1 his3-11,15 bar1Δ rna14-1 ura3::URA3/GPD-TK(7x)</i>	This study
yHG46-15C	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 def1Δ::HYGR</i>	[6]
yHG95-10D	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 def1Δ::HYGR rna14-1</i>	This study
yHG97-7B	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 def1Δ::HYGR rna15-1</i>	This study
yHG96-6A	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 def1Δ::HYGR hrp1-5</i>	This study
yHG104-13A	<i>MATa ura3-1 ade2-1 leu2-3,112 trp1-1 his3-11,15 def1Δ::HYGR rat1-1</i>	This study

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