

**Table S2.** Yeast strains used in this study.

Source	Genotype	Source
AYW3-1B	<i>MATa ade2 can1-100 his3 leu2-3,112 leu2-k::ADE2-URA3::leu2-k trp1-1 ura3-1 rad5-G35R</i>	[1]
A3Y3A	<i>MATa ura3 ade2 his3leu2k::URA3-ADE2::leu2k</i>	[2]
BY4741	<i>MATa his3Δ1 leu2Δ0 met15Δ ura3Δ0</i>	Euroscarf
Y06401	BY4741 <i>rad51Δ::KanMX</i>	Euroscarf
Y00540	BY4741 <i>rad52Δ::KanMX</i>	Euroscarf
Y03576	BY4741 <i>rad9Δ::KanMX</i>	Euroscarf
Y04222	BY4741 <i>mus81Δ::KanMX</i>	Euroscarf
Y00775	BY4741 <i>sgs1Δ::KanMX</i>	Euroscarf
Y01331	BY4741 <i>srs2Δ::KanMX</i>	Euroscarf
W303-1A	<i>MATa ade2-1 can1-100 his3-11,15 leu2-3,112 trp1-1 ura3-1 rad5-G535R</i>	R. Rothstein
	W303-1A <i>sml1Δ::URA3</i>	J.A. Tercero
YJT75	W303-1A <i>sml1Δ::URA3 rad53Δ::LEU2</i>	J.A. Tercero
DD303	W303-1A <i>elg1Δ::KanMX</i>	[3]
DD377	W303-1A <i>ctf18Δ::KanMX</i>	[3]
DD379	W303-1A <i>rad24Δ::KanMX</i>	[3]
YLL134	W303-1A <i>mec3Δ::TRP1</i>	[4]
DKY194	W303-1A <i>dia2Δ::KanMX</i>	[5]
AMH4	<i>MAT a pol30-52 ade3::GAL::HO</i>	[6]
WRBb-9B	<i>MATa ade2-1 bar1Δ can1-100 his3-11,15 leu2-3,112 RRM3::FLAG::KanMX ura3::URA3/GPD-Tk(7x)</i>	[7]
YRA1 shuffle	<i>MATa,ade2,his3,leu2,trp1,ura3,yra1::HIS3 (pRS316-YRA1)</i>	[8]
<i>yra1-1</i>	<i>MATa,ade2,his3,leu2,trp1,ura3,yra1::HIS3 (pRS314-yra1-1)</i>	[8]
<i>YRA1Δi</i>	<i>MATa,ade2,his3,leu2,trp1,ura3,yra1::HIS3 (pHA-YRA1Δi)</i>	[9]
<i>YRA1ΔRBDΔi</i>	<i>MATa,ade2,his3,leu2,trp1,ura3,yra1::HIS3 (pHA-YRA1ΔRBD)</i>	[9]
U678-4C	W303-1B <i>hpr1Δ::HIS3</i>	[10]

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