

TABLE S1 Yeast strains used in this study. All strains are derivatives of W1588-4C, except for BY4742, W9882 and the MCY strains. W9882 and the MCY strains are derivatives of BY4742.

Strain	Genotype	Reference
W1588-4C	<i>MATa ade2-1 can1-100 his3-11,15 leu2-3,112 trp1-1 ura3-1 RAD5</i>	(ZHAO <i>et al.</i> 1998)
W9557	<i>MATa/α dun1Δ::TRP1/+ sml1Δ::HIS3/+</i>	This study
W9875	<i>MATa/α dun1Δ::TRP1/+ sml1Δ::HIS3/+ crt1Δ::LEU2/+</i>	This study
W9877	<i>MATa/α dun1Δ::TRP1/+ tel1Δ::URA3/+ mec1-21/+</i>	This study
DK2A	<i>MATα rnr1::[rnr1-R293A-URA3-pGAL-RNR1]</i>	(KUMAR <i>et al.</i> 2010)
DK2D	<i>MATa rnr1::[rnr1-R293A-URA3-pGAL-RNR1]</i>	(KUMAR <i>et al.</i> 2010)
DK8A	<i>MATa rnr1::[rnr1-Y285A-URA3-pGAL-RNR1]</i>	(KUMAR <i>et al.</i> 2010)
DK8E	<i>MATα rnr1::[rnr1-Y285A-URA3-pGAL-RNR1]</i>	(KUMAR <i>et al.</i> 2010)
DK10E	<i>MATa rnr1::[rnr1-Q288A-URA3-pGAL-RNR1]</i>	(KUMAR <i>et al.</i> 2010)
JAK11-5B	<i>MATα rnr1::[rnr1-Q288E-URA3-pGAL-RNR1]</i>	This study
JAK11-5C	<i>MATa rnr1::[rnr1-Q288E-URA3-pGAL-RNR1]</i>	This study
W9878	<i>MATa/α rnr1::[rnr1-Q288E-URA3-pGAL-RNR1]/+ tlc1Δ::HIS3/+</i>	This study
W9879	<i>MATa/α rnr1::[rnr1-Q288A-URA3-pGAL-RNR1]/+ tlc1Δ::HIS3/+</i>	This study
W9880	<i>MATa/α rnr1::[rnr1-R293A-URA3-pGAL-RNR1]/+ tlc1Δ::HIS3/+</i>	This study
W9881	<i>MATa/α rnr1::[rnr1-Y285A-URA3-pGAL RNR1]/+ tlc1Δ::HIS3/+</i>	This study
DK3A	<i>MATa rnr1::[rnr1-Y285F-URA3-pGAL RNR1]</i>	(KUMAR <i>et al.</i> 2010)
DK3C	<i>MATa rnr1::[rnr1-Y285F-URA3-pGAL RNR1]</i>	(KUMAR <i>et al.</i> 2010)
W4069-4C	<i>MATa RNR1 CAN1</i>	(CHABES <i>et al.</i> 2003)
W4069-8C	<i>MATa rnr1-D57N CAN1</i>	(CHABES <i>et al.</i> 2003)
W9100-12C	<i>MATα ADE2</i>	This study
BY4742	<i>MATα his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0</i>	(BRACHMANN <i>et al.</i> 1998)
W9882	<i>MATa/α rnr1Δ::kanMX/+</i>	This study
MCY602	<i>MATa rnr1Δ::kanMX LYS2</i>	This study
MCY603	<i>MATα rnr1Δ::kanMX</i>	This study
MCY605	<i>MATα rnr3Δ::natMX</i>	This study
MCY606	<i>MATα yil067cΔ::natMX</i>	This study
MCY607	<i>MATα rnr1Δ::kanMX yil067cΔ::natMX</i>	This study