

TABLE S1. *Saccharomyces cerevisiae* strains used in this study.

Strain	Relevant genotype	Reference/ Source
UCC5913	<i>MATa-inc ade2-101 lys2-801 his3-Δ200 trp1-Δ63 ura3-52 leu2-Δ1::GAL1-HO-LEU2 VII-L::ADE2-TG(1-3)-HO-LYS2</i>	3
YLL2599	UCC5913 <i>bar1Δ::HPHMX</i>	1
YLL2650	UCC5913 <i>rif2Δ::NATMX bar1Δ::HPHMX</i>	1
YLL2670	UCC5913 <i>MRE11-MYC::TRP1 bar1Δ::HPHMX</i>	This study
YLL2820	UCC5913 <i>tel1Δ::HIS3 bar1Δ::HPHMX</i>	This study
YLL2831	UCC5913 <i>mre11Δ::KANMX4 bar1Δ::HPHMX</i>	This study
YLL2836	UCC5913 <i>TEL1-hy909::KANMX4 bar1Δ::HPHMX</i>	This study
YLL2860	UCC5913 <i>exo1Δ::URA3 TEL1-hy909::KANMX4 bar1Δ::HPHMX</i>	This study
YLL2861	UCC5913 <i>MRE11-MYC::HIS3 TEL1-hy909::KANMX4 bar1Δ::HPHMX</i>	This study
YLL2874	UCC5913 <i>rif2Δ::TRP1 TEL1-hy909::KANMX4 bar1Δ::HPHMX</i>	This study
YLL2876	UCC5913 <i>mre11Δ::NATMX TEL1-hy909::KANMX4 bar1Δ::HPHMX</i>	This study
YLL3003	UCC5913 <i>NATMX::TEL1-hy909-HA::KANMX4 bar1Δ::HPHMX</i>	This study
YLL3060	UCC5913 <i>EST1-MYC::HIS3 bar1Δ::HPHMX</i>	This study
YLL3061	UCC5913 <i>EST1-MYC::HIS3 TEL1-hy909::KANMX4 bar1Δ::HPHMX</i>	This study
YLL3068	UCC5913 <i>TEL1-HA::NATMX bar1Δ::HPHMX</i>	This study
YLL3130	UCC5913 <i>TEL1-hy909kd::KANMX4 bar1Δ::HPHMX</i>	This study
RMY169	<i>MATa-inc ade2-101 lys2-801 his3-Δ200 trp1-Δ63 ura3-52 leu2-Δ1::GAL1-HO-LEU2 VII-L::TRP1-HO-LYS2</i>	3
YLL3053	RMY169 <i>bar1Δ::HPHMX</i>	This study
YLL3066	RMY169 <i>TEL1-hy909::KANMX4 bar1Δ::HPHMX</i>	This study
DMP2156/15B	W303 ( <i>MATa ade2-1 can1-100 his3-11,15 leu2-3,112 trp1-1 ura3-1 rad5-535</i> ) <i>tel1Δ::HIS3</i>	This study
DMP4627/3B	W303 <i>TEL1-hy909::LEU2 rif2Δ::KANMX4</i>	This study
DMP4621/1A	W303 <i>TEL1-hy909::LEU2 rif1Δ::KANMX4</i>	This study
DMP4970/9D	W303 <i>xrs2-11::KANMX4</i>	This study
DMP4975/30B	W303 <i>xrs2-11::KANMX4 TEL1-hy909::LEU2</i>	This study
DMP5200/2B	W303 <i>TEL1-hy909::KANMX4 rad51Δ::HIS3</i>	This study
DMP5200/2D	W303 <i>rad51Δ::HIS3</i>	This study
DMP5201/3A	W303 <i>TEL1-hy909::KANMX4 rad52Δ::TRP1</i>	This study
DMP5201/3D	W303 <i>rad52Δ::TRP1</i>	This study
YLL1221	W303 <i>rif1Δ::KANMX4</i>	This study
YLL1334	W303 <i>rif2Δ::KANMX4</i>	This study
YLL1996	W303 <i>TEL1/TEL1-hy909::LEU2 EST2/est2Δ::KANMX</i>	This study
YLL2283	W303 <i>TEL1-hy909::KANMX4</i>	This study
YLL3001	W303 <i>TEL1-HA::NATMX</i>	This study
YLL3059	W303 <i>TEL1-hy909kd::KANMX4</i>	This study
JKM139	<i>MATa ho hmlΔ hmrΔ ade1 lys5 leu2-3,112 trp1::hisG ura3-52 ade3::GAL-HO</i>	2
YLL1643	JKM139 <i>bar1Δ::HPHMX</i>	This study
YLL2880	JKM139 <i>TEL1-hy909::LEU2 bar1Δ::HPHMX</i>	This study

YLL2892	JKM139 <i>yku70Δ::URA3 bar1Δ::HPHMX</i>	This study
YSN645	<i>EST1-Myc13::HIS3, VII-L::ADE2-Dbp(amp7)-TG-250-HO site, V-R::TRP1-Dbp(amp9)-TG-80-HO</i>	4
YLL2253	YSN645 <i>leu2Δ::KANMX4</i>	This study
YLL2255	YSN645 <i>TEL1-hy909::LEU2 leu2Δ::KANMX4</i>	This study
YLL2322	YSN645 <i>rif1Δ::NATMX leu2Δ::KANMX4</i>	This study
YLL2323	YSN645 <i>rif2Δ::HPHMX leu2Δ::KANMX4</i>	This study
YLL2324	YSN645 <i>TEL1-hy909::LEU2 rif1Δ::HPHMX leu2Δ::KANMX4</i>	This study
YLL2325	YSN645 <i>TEL1-hy909::LEU2 rif2Δ::HPHMX leu2Δ::KANMX4</i>	This study

## References

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