

Table S1. Strains and plasmids used in this study

Strains or plasmids	Genotype	Source
GA426	<i>MATa ade2 trp1 can1 his3-11 ura3-52 DIA V-I</i>	(Förstemann <i>et al.</i> , 2000)
YKF500	GA426 <i>est2-LT^{E76K}</i>	(Ji <i>et al.</i> , 2008)
YKF511	GA426 <i>est2-up34</i>	This study
YKF600	GA426 <i>rif1::Kan^R</i>	This study
YKF601	GA426 <i>rif2::Kan^R</i>	This study
YKF602	GA426 <i>pif1::Kan^R</i>	This study
YKF603	GA426 <i>pif1-m2</i>	This study
YKF604	GA426 <i>elg1::Kan^R</i>	This study
YKF605	GA426 <i>ssn8::Kan^R</i>	This study
YKJM1 ^a	<i>MATa ura3-52 leu2-Δ1 trp1-Δ63 his3-Δ200 lys2ΔBgl hom3-10 ade2Δ1 ade8 YEL069::URA3</i>	(Banerjee <i>et al.</i> , 2008)
YPH499	<i>MATa ura3-52 lys2-801 ade2-801 trp1-Δ1 his3-Δ200 leu2-Δ1</i>	(Schulz and Zakian, 1994)
UCC5706	<i>MATa-inc ura3-52 lys2-801 ade2-101 trp1-Δ63 his3-Δ200 leu2-Δ1::LEU2-GALHO VII-L::ADE2-TG-HO stie-LYS2 rad52::hisG</i>	(Diede and Gottschling, 1999)
YKF512	UCC5706 <i>est2-LT^{E76K}</i>	This study
YKF606	GA426 <i>EST2 tlc1::Kan^R pKF5</i>	This study
YKF607	GA426 <i>EST2 tlc1::Kan^R pKF10</i>	This study
YKF608	GA426 <i>est2-LT^{E76K} tlc1::Kan^R pKF5</i>	This study
YKF609	GA426 <i>est2-LT^{E76K} tlc1::Kan^R pKF10</i>	This study
YKF610	GA426 <i>EST2 tlc1::TLC1 tlc1-tm</i>	This study
YKF611	GA426 <i>est2-LT^{E76K} tlc1::TLC1 tlc1-tm</i>	This study
pKF5	<i>CEN TLC1 NcoI (⁴⁵⁵G→A) TRP</i>	(Förstemann and Lingner, 2001)
pKF10	<i>CEN TLC1 NcoI (⁴⁵⁵G→A + ⁴⁸⁴ACA⁴⁸²→CAC) TRP</i>	(Förstemann and Lingner, 2001; Förstemann <i>et al.</i> , 2003)
pLIB17	<i>CEN tlc1-tm ΔNcoI (⁴⁵⁵G→A + ⁴⁸⁰ACACCCACAC⁴⁷¹→CUAAACCACA) TRP</i>	(Förstemann <i>et al.</i> , 2003)
pRS306 tlc1-tm	<i>INT tlc1-tm URA</i>	This study
pKF1201	pET Duet-1 <i>MBP-EST2^{1EN}</i>	Talley, J and Friedman, K; submitted
pKF1202	pET Duet-1 <i>MBP-Est2 E76K^{1EN}</i>	This study
pKF1203	pET Duet-1 <i>MBP-Est2 R151A^{1EN}</i>	This study

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