

Table S1: Strain list for this study

Strains	Relevant genotypes	Reference
CRY1	<i>MATa ura3-1 his3-11,15 leu2-3,112 trp1-1 ade2-1 can1-100</i>	Lab stock
YYW391	<i>MATa bub1-ΔK-3HA- Sphis5⁺</i>	This study
3024-4-1	<i>MATa PDS1-18myc::LEU2</i>	This study
2024-9-3	<i>MATa sgo1Δ::KanMX PDS1-18myc::LEU2</i>	
3024-5-3	<i>MATa bub1-ΔK-3HA- Sphis5⁺ PDS1-18myc::LEU2</i>	This study
YYW141	<i>MATa promURA3::tetR::GFP-LEU2 CENIV::tetOX448::URA3 TUB1-mCherry::URA3</i>	Lab stock
3015-1-4	<i>MATa bub1-ΔK-13myc-Sphis5⁺ promURA3::tetR::GFP-LEU2 CENIV::tetOX448::URA3 TUB1-mCherry::URA3</i>	This study
2848-8-3	<i>MATa dam1(S257D S265D S292D)::KanMX PDS1-18myc::LEU2</i>	Lab stock
3024-3-3	<i>MATa dam1(S257D S265D S292D)::KanMX bub1-ΔK-3HA- Sphis5⁺ PDS1-18myc::LEU2</i>	This study
2849-4-1	<i>MATa MAD1-HA3-URA3</i>	Lab stock
3014-2-2	<i>MATa bub1-ΔK-13myc- Sphis5⁺ MAD1-HA3-URA3</i>	This study
3014-1-3	<i>MATa bub1-ΔK-13myc- Sphis5⁺ dam1(S257D S265D S292D)::KanMX MAD1-HA3-URA3</i>	This study
2769-1-2	<i>MATa dam1(S257D S265D S292D)::KanMX MAD1-HA3-URA3</i>	Lab stock
2850-5-3	<i>MATa sgo1Δ::TRP1 MAD1-HA3-URA3</i>	Lab stock
2850-1-2	<i>MATa sgo1Δ::TRP1 dam1(S257D S265D S292D)::KanMX MAD1-HA3-URA3</i>	Lab stock
SC213	<i>MATa (hta1-htb1)Δ:LEU2 (hta2-htb2)Δ:TRP1 pJH55(HTA1WT-HTB1-HIS-CEN)</i>	Watanabe lab
SC214	<i>MATa (hta1-htb1)Δ:LEU2 (hta2-htb2)Δ:TRP1 pJH55(HTA1(121A)-HTB1-HIS-CEN)</i>	Watanabe lab
3102-4-3	<i>MATa (hta1-htb1)Δ:LEU2 (hta2-htb2)Δ:TRP1 pJH55(HTA1WT-HTB1-HIS-CEN) PDS1-18myc::LEU2</i>	This study
3012-5-3	<i>MATa dam1(S257D S265D S292D)::KanMX (hta1-htb1)Δ:LEU2 (hta2-htb2)Δ:TRP1 pJH55(HTA1WT-HTB1-HIS-CEN) PDS1-18myc::LEU2</i>	This study
3108-2-3	<i>MATa (hta1-htb1)Δ:LEU2 (hta2-htb2)Δ: TRP1 pJH55(HTA1(121A)-HTB1-HIS-CEN)PDS1-18myc::LEU2</i>	This study
3103-2-3	<i>MATa dam1(S257D S265D S292D)::KanMX (hta1-htb1)Δ:LEU2 (hta2-htb2)Δ: TRP1 pJH55(HTA1(121A)-HTB1-HIS-CEN)PDS1-18myc::LEU2</i>	This study
YYW402	<i>MATa rts1Δ:: Sphis5⁺3 promURA3::tetR::GFP-LEU2 CENIV::tetOX448::URA3 TUB1-mCherry::URA3</i>	This study
3065-2-3	<i>MATa rts1Δ::Sphis5⁺ PDS1-18myc::LEU2</i>	This study
3065-1-4	<i>MATa rts1Δ::Sphis5⁺ dam1(S257D S265D S292D)::KanMX PDS1-18myc::LEU2</i>	This study
YYW443	<i>MATa sgo1Δ::URA3</i>	This study
YYW444	<i>MATa SGO1-HIS3-URA3</i>	This study
YYW445	<i>MATa sgo1-N511-HIS3-URA3</i>	This study
YYW446	<i>MATa sgo1-4A-HIS3-URA3</i>	This study
3341-10-1	<i>MATa SGO1-HIS3-URA3 promURA3::tetR::GFP-LEU2 CENIV::tetOX448::URA3 TUB1-mCherry::URA3</i>	This study
3358-1-1	<i>MATa sgo1Δ::URA3 promURA3::tetR::GFP-LEU2 CENIV::tetOX448::URA3 TUB1-mCherry::URA3</i>	This study
3342-9-1	<i>MATa sgo1-N511-HIS3-URA3 promURA3::tetR::GFP-LEU2 CENIV::tetOX448::URA3 TUB1-mCherry::URA3</i>	This study
3343-8-1	<i>MATa sgo1-4A-HIS3-URA3 promURA3::tetR::GFP-LEU2 CENIV::tetOX448::URA3 TUB1-mCherry::URA3</i>	This study