

Table S1. Strains used in this study.

Strain	Genotype	Plasmid (plasmid-promoter-gene)	Reference
BY4741	<i>MATa his3Δ0 leu2Δ0 Δmet15 ura3Δ0</i>		(Winzeler and Davis 1997)
BY4742	<i>MATa his3Δ0 leu2Δ0 lys2Δ0 ura3Δ0</i>		(Winzeler and Davis 1997)
BY4743	<i>MATa/α his3Δ1/his3Δ1 leu2Δ0/leu2Δ0 LYS2/lys2Δ0 met15Δ0/MET15 ura3Δ0/ura3Δ0</i>		(Winzeler and Davis 1997)
CY1217	<i>MATa his3Δ0 leu2Δ0 Δmet15 ura3Δ0 Δire1::kanMX</i>		(Tong <i>et al.</i> 2001)
CY5857	<i>mec2-1</i>		(Weinert <i>et al.</i> , 1994)
CY5919	<i>MATa his3Δ0 leu2Δ0 ura3Δ0 URA3-Flag⁵-TRAI</i>		(Genereaux <i>et al.</i> 2012)
CY5998	Isogenic to BY4742 except <i>URA3-eGFP-TRAI</i>		(Genereaux <i>et al.</i> 2012)
CY6032	Isogenic to BY4743 except <i>tti2Δ-met5Δ::TnI0luk</i>		This work
CY6049	<i>MATa his3Δ0 leu2Δ0 met5Δ0 ura3Δ0 tti2Δ-met5Δ::TnI0luk</i>	YCplac111- <i>DED1-TTI2</i>	This work
CY6070	<i>MATa his3Δ0 leu2Δ0 met5Δ0 ura3Δ0 tti2Δ-met5Δ::TnI0luk</i>	YCplac33- <i>DED1-TTI2</i>	This work
CY6194	<i>MATa his3Δ0 leu2Δ0 ura3Δ0 URA3-Flag⁵-MEC1</i>		(DaSilva <i>et al.</i> 2013)
CY6306	<i>MATa ura3Δ0 his3Δ0 leu2Δ0 URA3-eGFP-MEC1</i>		(DaSilva <i>et al.</i> 2013)
CY6415	Isogenic to BY4743 except <i>TOR1/URA3-Flag⁵-TOR1</i>		This work
CY6767	Spore colony of CY4162 <i>MATa his3Δ0 leu2Δ0 tel2Δ::KanMX</i>	YCplac33- <i>DED1-TEL2</i>	This work
CY6857	Isogenic to CY6070	YCplac111- <i>DED1-TTI2</i>	This work
CY6872	Isogenic to CY6070	YCplac111- <i>DED1-tti2_{LI87P}</i>	This work
CY6874	Isogenic to CY6070	YCplac111- <i>DED1-tti2_{Q276TAA}</i>	This work
CY6963	<i>MATa his3Δ0 leu2Δ0 ura3Δ0 tti2Δ-met5Δ::TnI0luk</i>	YCplac33- <i>DED1-TTI2</i>	This work
CY6971	Isogenic to CY6070	YCplac111- <i>GALI0-TTI2</i>	This work

CY6973	Isogenic to CY6070	YCplac111- <i>GAL10-TTI2-leu2Δ0::URA3</i>	This work
CY6991	Isogenic to CY6070	YEplac181- <i>GAL10-TTI2</i>	This work
CY6999	Isogenic to CY6971 except <i>URA3-Flag⁵-TRA1</i>	YCplac111- <i>GAL10-TTI2</i>	This work
CY7000	Diploid of CY6971 and CY6963	YCplac111- <i>GAL10-TTI2</i>	This work
CY7030	Isogenic to CY6971 except <i>URA3-Flag⁵-MEC1</i>	YCplac111- <i>GAL10-TTI2</i>	This work
CY7035	Diploid of CY6963 x CY6965 with <i>TOR1/URA3-Flag⁵-TOR1</i>	YCplac111- <i>GAL10-TTI2</i>	This work
CY7086	Isogenic to BY4742 except <i>TTI2-Myc⁹-HIS3</i>		This work
CY7172	Isogenic to CY6971	YCplac33- <i>TTI2-TTI2</i>	This work
CY7189	Isogenic to CY6971 except <i>URA3-eGFP-MEC1</i>	YCplac111- <i>GAL10-TTI2</i>	This work
CY7193	Isogenic to CY6971 except <i>URA3-eGFP-TRA1</i>	YCplac111- <i>GAL10-TTI2</i>	This work
CY7236	Isogenic to CY6857	<i>2μ URA3 GAL1-FLAG-htt25Q</i>	This work
CY7237	Isogenic to CY6857	<i>2μ URA3 GAL1-FLAG-htt25Q</i>	This work
CY7238	Isogenic to CY6872	<i>2μ URA3 GAL1-FLAG-htt103Q</i>	This work
CY7239	Isogenic to CY6872	<i>2μ URA3 GAL1-FLAG-htt103Q</i>	This work
CY7241	Isogenic to CY6872	YCplac33	This work
CY7245	Isogenic to CY6857	YCplac33	This work
CY7247	Isogenic to CY6857	<i>2μ URA3 GPD-HSP26</i>	This work
CY7248	Isogenic to CY6857	<i>2μ URA3 GPD-HSP104</i>	This work
CY7249	Isogenic to CY6971	YCplac33	This work
CY7251	Isogenic to CY6971	<i>2μ URA3 GPD-HSP26</i>	This work
CY7252	Isogenic to CY6971	<i>2μ URA3 GPD-HSP104</i>	This work
CY7323	Isogenic to CY6857	<i>2μ URA3 HSP42-HSP42</i>	This work
CY7324	Isogenic to CY6971	<i>2μ URA3 HSP42-HSP42</i>	This work
CY7370	Isogenic to CY6070	<i>2μ LEU2 GPD-CDC37</i>	This work
CY7371	Isogenic to CY6070	<i>2μ LEU2 GPD-HSP82</i>	This work
CY7372	Isogenic to CY6070	<i>2μ LEU2 GPD-AHA1</i>	This work
CY7373	Isogenic to CY6070	<i>2μ LEU2 GPD-HSC82</i>	This work
CY7374	Isogenic to CY6973	<i>2μ LEU2 GPD-CDC37</i>	This work
CY7375	Isogenic to CY6973	<i>2μ LEU2 GPD-HSP82</i>	This work
CY7376	Isogenic to CY6973	<i>2μ LEU2 GPD-AHA1</i>	This work
CY7377	Isogenic to CY6973	<i>2μ LEU2 GPD-HSC82</i>	This work

