

Supplemental Table S1. Strains used in this study.

Strain	Genotype (*)	Source
RLY7110	<i>HSP104-GFP-HIS3</i>	(Huh et al., 2003)
RLY8168	<i>pRS426-ADH-OLII-HcRed; DNMI-GFP-HIS3</i>	This study
RLY8169	<i>HSP104-GFP-HIS3; trp:: DsRed-HDEL-NatMax</i>	This study
RLY8170	<i>HSP104-GFP-HIS3; pRS426-ADH-OLII-HcRed</i>	This study
RLY8171	<i>HSP104-GFP-HIS3; trp:: DsRed-HDEL-NatMax; pYES-mito-BFP</i>	This study
RLY8172	<i>HSP104-GFP-HIS3; pESC-URA-Gal-mCherry-UBC9^{ts}</i>	This study
RLY8173	<i>trp::p404-GDP-OLII-HcRed-NatMax;MDM34-GFP-HIS3</i>	This study
RLY8174	<i>Δfis1::KanMX; HSP104-GFP-HIS3; pRS426-ADH-OLII-HcRed</i>	This study
RLY8175	<i>Δdnm1::KanMX; HSP104-GFP-HIS3; pRS426-ADH-OLII-HcRed</i>	This study
RLY8176	<i>Δmdv1::KanMX; HSP104-GFP-HIS3; pRS426-ADH-OLII-HcRed</i>	This study
RLY8177	<i>Δfis1::KanMX; HSP104-GFP-HIS3; trp::DsRed-HDEL-NatMax</i>	This study
RLY8178	<i>pESC-URA-Gal-GFP-UBC9^{ts}</i>	This study
RLY8179	<i>Δrpl42a::NatMX; RPL42B^{P56Q}-HIS3;HSP104-GFP-URA3</i>	This study
RLY8180	<i>MDM34-GFP-HIS; HSP104-mCherry-URA3</i>	This study
RLY8181	<i>DNMI-GFP-HIS; HSP104-mCherry-URA3</i>	This study
RLY8182	<i>TOM20-mCitrine-HIS3; trp::DsRed-HDEL-NatMa; HSP104-mTur-Ura3;</i>	This study
RLY8183	<i>trp::p404-GDP-GFP-Luciferase</i>	This study
RLY8184	<i>trp::p404-GDP-OLII-HcRed-NatMax; ABF2-GFP-HIS3</i>	This study
RLY8185	<i>Δfis1::KanMX; HSP104-GFP-HIS3;</i>	This study
RLY8186	<i>hoΔ::PSCW11-cre-EBD78-NATMX; loxP-UBC9-loxP-LEU2; loxP-CDC20-Intron-loxP-HPHMX; HSP104-GFP-HIS3; pRS426-ADH-OLII-HcRed</i>	This study
RLY8463	<i>Δfis1::KanMX; HSP104-GFP-HIS3; trp::p404-GDP-OLII-HcRed-NatMax</i>	This study
RLY8464	<i>HSP104-GFP-HIS3; trp::p404-GDP-OLII-HcRed-NatMax</i>	This study
RLY8465	<i>HSP104-GFP-HIS3; pRP1574(EDC3-mCherry-Ura3);</i>	This study
RLY8466	<i>HSP104-GFP-HIS3; pRP1661(PUB1-mCherry-Ura3)</i>	This study
RLY8467	<i>pRS316-ATG8-GFP; HSP104-mCherry-HIS3</i>	This study

RLY8468	<i>ERG11-GFP-HIS3</i>	(Huh et al., 2003)
RLY8469	<i>trp::mCherry-Scs2TM-NatMX;Hsp104-GFP-His</i>	This study
RLY8470	<i>trp::mCherry-Fis1TM-KanMX;Hsp104-GFP-His</i>	This study
RLY8471	<i>leu2::AT1.03-LEU</i>	This study
RLY8472	<i>leu2::AT1.03 R122K/R126K-LEU</i>	This study
RLY2626	<i>Mat A; ura3-52; his3-Δ200; trp1-1; leu2-3;</i>	Rancati et al., 2008
RLY8473	<i>pESC-URA-Gal-GFP-UBC9^{ts}; trp::DsRed-HDEL-NatMax</i>	This study
RLY8474	<i>pESC-URA-Gal-GFP-UBC9^{ts}; trp::p404-GDP-OL11-HcRed-NatMax;</i>	This study
RLY8536	<i>Δpdr5::KanMX; trp::DsRed-HDEL-NatMax;</i> <i>pESC-URA-Gal-GFP-UBC9^{ts}</i>	This study
RLY8537	<i>Δpdr5::KanMX; trp::p404-GDP-OL11-HcRed-NatMax;</i> <i>pESC-URA-Gal-GFP-UBC9^{ts}</i>	This study

(*) All strains used in this study are derivatives of the By4741 background (*MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0*); RLY8169-8172, 8174-8177, 8185, 8463-8466 are derivatives of RLY7110; RLY8471-8472 was derived from RLY2626.