Table S8. Strains used in this study.

Strain name	Parent strain	Genotype	Source
S. cerevisiae			
BY4741		*MATa his3Δ1 leu2Δ0 met15Δ0 ura3Δ0*	
BY4742		*MATα his3Δ1 leu2Δ0 lys2Δ0 ura3Δ0*	
yMG105	BY4741	*trm7Δ::ble^R*	(Guy et al. 2012)
yMG107	BY4742	*trm7Δ::ble^R*	This study
YJYW2566	BY4741	*MATa leu2Δ0 met15Δ0 ura3Δ0*	This study
yMG348-1	BY4741	*trm7Δ::ble^R [CEN URA3 TRM7]*	(Guy et al. 2012)
yMG814-1	BY4741	*trm732Δ::ble^R*	(Guy et al. 2012)
yMG724-5	BY4741	*trm734Δ::ble^R*	(Guy et al. 2012)
yMAB109	BY4741	*tyw1Δ ::kanMX*	(Guy et al. 2012)
yMG818-1	yMG724-5	*trm734Δ::ble^R trm732Δ::kanMX [CEN URA3 TRM734]*	(Guy et al. 2012)
yMG956-1	yMG724-5	*trm734Δ::ble^R tyw1Δ::kanMX [CEN URA3 TRM734]*	(Guy et al. 2012)
yMG899-1	yMG814-1	*trm732Δ::ble^R tyw1Δ::kanMX [CEN URA3 TRM732]*	(Guy et al. 2012)
YK1277	BY4741	*pha2Δ ::kanMX*	This study
YK1282	yMG348-1	*trm7Δ::ble^R pha2Δ ::kanMX [CEN URA3 TRM7]*	This study
YLH1421	BY4741	*gcn2Δ::kanMX*	This study
YLH1422	yMG348-1	*trm7Δ::ble^R gcn2Δ::kanMX [CEN URA3 TRM7]*	This study
YK1281	BY4741	*gcn4Δ::hygro^R*	This study
YK1279	yMG348-1	*trm7Δ::ble^R gcn4Δ::hygro^R [CEN URA3 TRM7]*	This study
ySD179	BY4742	*trm140Δ::ble^R*	(Han et al. 2017)
ySD844	BY4741	*mod5Δ::kanMX*	(Han et al. 2017)
YK428-1	BY4741	*pus3Δ::ble^R*	(Han et al. 2015)
YLH442	BY4741	*kti12Δ::kanMX*	This study
YLH443	BY4741	*uba4Δ::kanMX*	This study
YK1424	BY4741	*maf1Δ::kanMX*	This study
yMG323-1	BY4741	*tef2Δ::kanMX*	This study
yMG342-2	yMG348-1	*trm7Δ::ble^R tef2Δ::hygro^R [CEN URA3 TRM7]*	This study
YK1423	yMG348-1	*trm7Δ::ble^R maf1Δ::kanMX [CEN URA3 TRM7]*	This study
S. pombe			
SP286		WT diploid *ade6*-M210/*ade6*-M216 *ura4*-D18/*ura4*-D18 *leu1-32*/*leu1-32*	Bioneer
yMG957B	SP286	WT haploid	(Guy and Phizicky 2015)
yMG1052A	SP286	*trm7Δ::kanMX [ura4$^+$ P$_{nmt1}$ trm7$^+$]*	(Guy and Phizicky 2015)
yMG1541	SP286	*trm7Δ::kanMX [LEU2 P$_{nmt1\ low\ strength}$ trm7$^+$]*	This study
yMG1289-1	SP286	*trm734Δ::kanMX [ura4$^+$ P$_{trm734}$ trm734$^+$]*	(Guy and Phizicky 2015)
yMG958B	SP286	*trm732Δ::kanMX*	(Guy and Phizicky 2015)