

Table S2: Yeast strains

Name	Genotype	Background	Source
BY4741	his3Δ1 leu2Δ0 met15Δ0 ura3Δ0; Mat a	BY474x	Euroscarf
BY4743	his3Δ1/his3Δ1 leu2Δ0/leu2Δ0 met15Δ0/MET15 ura3Δ0/ura3Δ0 lys2D0/LYS2; diploid	BY474x	Euroscarf
yTP69	atg19::KanMX6 Atg1-TAP:Ura GFP-Atg11; Mat alpha	BY474x	this study
yTP71	atg19::KanMX6 Atg1-D211A-TAP:Ura GFP-Atg11; Mat alpha	BY474x	this study
yTP73	atg19::KanMX6 Atg1-TAP:Ura; Mat alpha	BY474x	this study
yTP74	atg19::KanMX6 Atg1-D211A-TAP:Ura	BY474x	this study
yTP65	atg19::KanMX6	BY474x	this study
yTP84	Ams1-GFP:HisMX6	BY474x	Euroscarf
yTP86	Ams1-GFP:HisMX6 atg19::KanMX6 atg34::NatMX6	BY474x	this study
yTB580	sfGFP-Atg8 Ape1-mRuby2:KanMX6 atg19::KanMX6	BY474x	this study
yTB581	Ape1-mRuby2:KanMX6 atg19::KanMX6; Mat alpha	BY474x	this study
yTB588	sfGFP-Atg11 Ape1-mRuby2:KanMX6 atg19::KanMX6; Mat alpha	BY474x	this study
yTP83	atg34::KanMX6 MET15 lys2D0; Mat alpha	BY474x	Euroscarf
yTP156	hrr25ts:Ura:Kan (and all other temperature sensitive strains used)	BY474x	[9]
yTP157	sfGFP-Atg11 hrr25ts:Ura:Kan; Mat alpha	BY474x	this study
yTP54	sfGFP-Atg11 atg1-D211A-TAP:Ura; Mat alpha	BY474x	this study
yTP76	sfGFP-Atg11 atg19::Kan MET15; Mat alpha	BY474x	this study
	Hrr25-TAP:HisMX6	BY474x	Euroscarf
yTB283	sfGFP-Atg11	BY474x	this study
yTP120	ark1::Kan Atg1-D211A-Tap:Ura sfGFP-Atg11; Mat alpha	BY474x	this study
yTP121	prk1::Kan Atg1-D211A-Tap:Ura sfGFP-Atg11; Mat alpha	BY474x	this study
yTP123	akl1::Kan Atg1-D211A-Tap:Ura sfGFP-Atg11	BY474x	this study
yTP125	gcn2::Kan Atg1-D211A-Tap:Ura sfGFP-Atg11; Mat alpha	BY474x	this study
yTP131	sak1::Kan Atg1-D211A-Tap:Ura sfGFP-Atg11	BY474x	this study
yT132	kin3::Kan Atg1-D211A-Tap:Ura sfGFP-Atg11	BY474x	this study
yTP139	kin1::Kan kin2::Kan Atg1-D211A-Tap:Ura sfGFP-Atg11	BY474x	this study
yTP140	kin1::Kan kin2::Kan Atg1-D211A-Tap:Ura sfGFP-Atg11	BY474x	this study
yTP165	atg19::Kan hrr25ts:Ura:Kan lys2D0 MET15; Mat alpha	BY474x	this study
yMS012	Atg1-Tap:Ura	BY474x	this study
yMS013	At1-D211A-Tap:Ura	BY474x	this study
yCK416	atg11::KanMX6	BY474x	this study
yCK660	atg1::KanMX6	BY474x	[10]

All strains of *S. cerevisiae* S288C BY474x genetic background are derived from the diploid strain BY4743 and are Mat a and carry the following markers: his3Δ1 leu2Δ0 met15Δ0 ura3Δ0 except if stated otherwise.