

File S1
Strains and Plasmids

Yeast strains used in this study

Name	Genotype	Background	Source
BY4741	Mat a; <i>his3Δ1</i> ; <i>leu2Δ0</i> ; <i>met15Δ0</i> ; <i>ura3Δ0</i>	S288C	Euroscarf
BY7220	<i>can1::STE2pr-Sp_his5 ura3::NatR lyp1Δ cyh2 his3Δ leu2Δ met1Δ0</i> ; yMSo261	S288C	Boone lab
BY7092	<i>can1::STE2pr-Sp_his5 ura3::NatR lyp1Δ cyh2 his3Δ leu2Δ met1Δ0</i> ; yMSo261; <i>atg1Δ::natMX4</i>	S288C	Boone lab
yCW188	BY4741; <i>mcd4-174::kanMX4</i>	S288C	Boone lab
yCW95	BY4741; <i>gpi8-ts::kanMX4</i>	S288C	Boone lab
yCW10	BY4741; <i>atg7Δ::natMX4</i>	S288C	This study
yCW372	BY4741; <i>mcd4-174::kanMX4; atg7Δ::natMX4</i>	S288C	This study
yCW179	BY4741; <i>atg14Δ::natMX4</i>	S288C	This study
yCW177	BY4741; <i>mcd4-174::kanMX4; atg14Δ::kanMX4</i>	S288C	This study
yCW261	BY4741; <i>atg21Δ::natMX4</i>	S288C	This study
yCW375	BY4741; <i>mcd4-174::kanMX4; atg21Δ::natMX4</i>	S288C	This study
yCK406	BY4741; <i>atg1Δ::natMX4</i>	S288C	Claudine Kraft
yCW320	BY4741; <i>mcd4Δ::kanMX4; atg1Δ::natMX4</i>	S288C	This study
yCW96	BY4741; <i>gpi2-1::kanMX4</i>	S288C	This study
yCW118	BY4741; <i>gpi2-1::kanMX4; atg7Δ::natMX4</i>	S288C	This study
yCW92	BY4741; <i>gpi13-5::kanMX4</i>	S288C	This study
yCW117	BY4741; <i>gpi13-5::kanMX4; atg7Δ::natMX4</i>	S288C	This study
yCK68	BY4741; <i>pep4Δ::natMX4</i>	S288C	Claudine Kraft

yCW41	BY4741; <i>mcd4-174::kanMX4</i> ; <i>pep4Δ::natMX4</i>	S288C	This study
yCW475	BY4741; <i>atg7Δ::kanMX4</i> ; <i>pep4Δ::natMX4</i>	S288C	This study
yCW42	BY4741; <i>mcd4-174::kanMX4</i> ; <i>pep4Δ::natMX4</i> ; <i>atg7Δ::natMX4</i>	S288C	This study
yCW361	BY4741; <i>cho2Δ::natMX4</i>	S288C	This study
yCW364	BY4741; <i>mcd4-174::kanMX4</i> ; <i>cho2Δ::kanMX4</i>	S288C	This study
RYY52	MAT α <i>trp1</i> , <i>lys2</i> , <i>ura3</i> , <i>leu2</i> , <i>his3</i> , <i>suc2</i> , <i>psd1Δ-1::TRP1</i>	S288C	Voelker Lab
MKY3	MAT α <i>trp1</i> , <i>lys2</i> , <i>ura3</i> , <i>leu2</i> , <i>his3</i> , <i>psd1Δ-1::TRP1</i> , <i>mcd4-P301L</i> , <i>etn-ts</i>	S288C	Voelker Lab

Plasmids used in this study

Name	Characteristics	Source
pCW58	p5472; MCD4	Thermo Scientific
pCW59	p5472; ATG7	Thermo Scientific
pCW73	p5472; ATG14	Thermo Scientific
pCW74	p5472; ATG21	Thermo Scientific
pCK15	pRS316; GFP-ATG8	Claudine Kraft
pCW75	p416; CWP2-VENUS	Riezman lab
pCW76	GAL1/10; GST-CHO2	Thermo Scientific