

Strains (all W303)	Genotype	Origin
GC103-05B	MAT α <i>CDC10</i> -YFP-LEU2 -KanMx	this study, from [7]
GC87-03	MAT a <i>MYO1</i> :: <i>MYO1</i> -mCherry::SpHis5 <i>GAL1</i> :: <i>GAL1</i> pr-Venus-deg-TRP1 ADE2	this study
GC116-01	MAT a <i>MYO1</i> :: <i>MYO1</i> -mCherry-SpHis5 TRP1: <i>MET3</i> pr-Venus-deg ADE2	this study
GC118-02	MAT a <i>MYO1</i> :: <i>MYO1</i> -Venus-SpHis5 TRP1: <i>MET3</i> pr-Venus-deg ADE2	this study
OW01-12C	MAT a ADE2::GALL- <i>CDC20 CDC20</i> ::LEU2 HIS3::TUB1-GFP <i>CDC10</i> -YFP-LEU2	this study
GC60-06	MAT α TRP1:: <i>GAL1</i> -yEVenus-deg ADE2	this study
GC53-01B	MAT a <i>MYO1</i> :: <i>MYO1</i> -mCherry-SpHis5 <i>CLN2</i> :: <i>CLN2</i> pr-Venus-deg ADE2	this study
GC36-03C	MAT α TRP1::TRP1- <i>MET3</i> pr- <i>CLN2</i> cln1::HIS3 <i>CLN2</i> Δ <i>cln3</i> ::LEU2 -GFP-KanMX LEU2:: <i>CDC10</i> -YFP ade2	this study
Plasmids	Features	Origin
pKT355	mCherry-ADH-SpHi5 tagging plasmid	Bi Lab (U. Penn.)
pJB04T	<i>ACT1</i> pr-yEGFP-deg TRP1	pSVA17 [7]
pGC04D	<i>ACT1</i> pr-yEVenus-deg TRP1	this study
pGC08D	<i>CLN2</i> pr-yEVenus-deg TRP1	this study
pGC25D	<i>MET3</i> pr-yEVenus-deg TRP1	this study
pRS426- <i>MET3</i> -HA-Hog1	<i>MET3</i> pr-HA-Hog1 URA3	Engelberg Lab
pYL29	<i>GAL1</i> pr-yEVenus-deg TRP1	this study
Primer sequence	Sequence	Template
<i>MYO1</i> tagging 5'	AAATATTGATAGTAACAATGCACAGAGTAAATTTTCAGTATACACATACGATTTAGGAGA	pKT355
<i>MYO1</i> tagging 3'	GGATATAAAGTCTTCCAAATTTTAAAAAAGTTTCGTTACTGGAGGCGTTAGTATC	pKT355
<i>MET3</i> pr 5'	ATGTggatccTTTAGTACTAACAGAGAC	
<i>MET3</i> pr 3'	cGcGttaattaaTGTTAATTATACTTTATTCTT	
<i>GAL1</i> pr 5'	ATGCTAGCggatccAGCTCTAGTACGGATTAGAAGC	p405 <i>GAL1</i> [17]
<i>GAL1</i> pr 3'	AGTCATCGttaattaaCTAGAATCCGGGGTTTTTCTCC	p405 <i>GAL1</i> [17]
	lower case indicate restriction sites	