

Table S3: *S. cerevisiae* strains used in this study:

Strain	Genotype
EMHY2	<i>MATa his3Δ200 leu2Δ1 lys2Δ0 met15Δ0 ura3-167 trp1Δ63 ade2::his hht1-hhf1::natMX hht2-hhf2::hygMX RDN1::mURA3/HIS3 RDN1::Ty1-MET15 TELV::ADE2</i> , pDM18 ^a
EMHY510	<i>MATa his3Δ200 leu2Δ1 lys2Δ0 met15Δ0 ura3-167 trp1Δ63 ade2::his hht1-hhf1::natMX hht2-hhf2::hygMX RDN1::Ty1-MET15 TELV::ADE2</i> , pEMH7 ^b
EMHY467	<i>MATa his3Δ200 leu2Δ1 lys2Δ0 met15Δ0 ura3-167 trp1Δ63 ade2::his hht1-hhf1::natMX hht2-hhf2::hygMX set2::KanMX RDN1::Ty1-MET15 TELV::ADE2</i> , pRS416, pJP11 ^c
EMHY772	EMHY510 made <i>rco1Δ::KanMX</i> , pRS416
EMHY776	EMHY510 made <i>dst1Δ::KanMX</i> , pRS416
EMHY747	EMHY510 made <i>elc1Δ::KanMX</i> , pRS416
EMHY796	EMHY2 made <i>paf1Δ::KanMX</i>
EMHY397	EMHY2 made <i>ubpΔ8::KanMX</i>
EMHY578	<i>MATa his3Δ200 leu2Δ1 lys2Δ0 met15Δ0 ura3-167 trp1Δ63 ade2::his hht1-hhf1::natMX hht2-hhf2::hygMX kanMX-GAL1pr-FLO8-HIS3 RDN1::Ty1-MET15 TELV::ADE2</i> , pBS4 ^d
EMHY586	<i>MATa his3Δ200 leu2Δ1 lys2Δ0 met15Δ0 ura3-167 trp1Δ63 ade2::his hht1-hhf1::natMX hht2-hhf2::hygMX kanMX-GAL1pr-FLO8-HIS3 RDN1::Ty1-MET15 TELV::ADE2</i> , pEMH17 ^e
VC-377-1B	<i>MATa kanMX-Gal1pr-FLO8-HIS3, arg4-12, his3D200, lys2-128d, ura3-52</i>

^a pDM18; *TRP1* CEN *HHT2-F2* (Park, Cosgrove, *et al*, 2002)

^b pEMH7; *TRP1* CEN *HHT2-F2* (Hyland, Cosgrove, *et al*, 2005)

^c pJP11; *LYS2* CEN *HHT1-F1* (Park, Cosgrove, *et al*, 2002)

^d pBS4; *TRP1* CEN *HHT2-K36R* (Gift from Brian Strahl)

^e pEMH17; *LEU2* CEN *HHT2-F2* (this study)

