

Table S2. Yeast Strains and Plasmids Used in This Study, Related to Experimental Procedures

Yeast Strains			
Strain	Alias	Genotype	Reference
BY4741		<i>met15Δ0, his3Δ1, ura3Δ0, leu2Δ0</i>	(Brachmann et al., 1998)
PJ-4a		<i>MAT a trp1-Δ1 leu2-3,112 ura3-52 his3-200 gal4Δ gal80Δ GAL2-ADE2 LYS2::GAL1-HIS3 met2::GAL7-lacZ</i>	(James et al., 1996)
RGY311	UCC6184	RGY379 <i>ubp10Δ::KanMX::ubp10^{C371S}-MT6::URA3</i>	(Gardner et al., 2005)
RGY312	UCC6185	RGY379 <i>ubp10Δ::KanMX::ubp10^{Δ94-250}-MT6::URA3</i>	(Gardner et al., 2005)
RGY313	UCC6186	RGY379 <i>ubp10Δ::KanMX::UBP10-MT6::URA3</i>	(Gardner et al., 2005)
RGY375	UCC6195	<i>HMLa Mata HMRA cdc7-1 bar1 trp1-289 ura3-52 leu2-3,112 his6 HTAI-FLAG-HTB1</i>	(Gardner et al., 2005)
RGY376	UCC6196	RGY375 <i>sir2Δ::LEU2</i>	(Gardner et al., 2005)
RGY377	UCC6197	RGY375 <i>sir3Δ::LEU2</i>	(Gardner et al., 2005)
RGY378	UCC6198	RGY375 <i>sir4Δ::LEU2</i>	(Gardner et al., 2005)
RGY379	UCC6199	RGY375 <i>ubp10Δ::KanMX</i>	(Gardner et al., 2005)
RGY1221		BY4741 <i>trp1Δ::LEU2</i>	
RGY1593		<i>MAT a /α ura3-52/ura3-52 lys2-801amber/+ ade2-101ochre/+ trp1-Δ63/+ his3-Δ200/+ leu2-Δ1/+ DOT4-GFP-KanMX/+ Nop58-dsRED/+</i>	(Kahana and Gottschling, 1999)
RGY4595		RGY1221 <i>ubp10Δ::NatMX</i>	
RGY4625		RGY1221 <i>NOP56-3HA::KanMX</i>	
RGY4626		RGY1221 <i>NOP58-3HA::KanMX</i>	
RGY4627		RGY1221 <i>PWP2-3HA::KanMX</i>	
RGY4653		<i>RPA190-3HA::KanMX, all ubiquitin genes 8XHistidine tagged</i>	
RGY4668		RGY4595 <i>ubp10Δ::NatMX::UBP10-</i>	

		<i>3HSV::TRP1</i>	
RGY4671		RGY1221 <i>CBF5-3HA::KanMX</i>	
RGY4696		RGY4625 <i>ubp10Δ::NatMX</i>	
RGY4697		RGY4626 <i>ubp10Δ::NatMX</i>	
RGY4698		RGY4627 <i>ubp10Δ::NatMX</i>	
RGY4709		RGY4671 <i>ubp10Δ::NatMX</i>	
RGY4728		RGY4653 <i>ubp10Δ::NatMX</i>	
RGY4742		RGY1221 <i>RPA190-3HA::KanMX</i>	
RGY4750		RGY4742 <i>ubp10Δ::NatMX</i>	
RGY4803		<i>RPA190-3HA::KanMX, ubp10Δ::NatMX, UBP10-3HSV::TRP1</i>	
RGY5045		RGY4750 <i>P_{UBP10}⁻ USP36::URA3 (2μ plasmid)</i>	
RGY5101		BY4741 <i>SIR4-GFP::URA3 NOP58-dsRED::NatMX</i>	
RGY5114		PJ-4a <i>GAD::LEU2 (2μ plasmid) GBD-UBP10^{C371S}::TRP1 (YE_p)</i>	
RGY5115		PJ-4a <i>GAD-DHR2::LEU2 (2μ plasmid) GBD-UBP10^{C371S}::TRP1 (YE_p)</i>	
RGY5116		PJ-4a <i>GAD-UTP22::LEU2 (2μ plasmid) GBD-UBP10^{C371S}::TRP1 (YE_p)</i>	
RGY5117		PJ-4a <i>GAD-SIR4⁽⁶¹²⁻¹³⁵⁸⁾::LEU2 (2μ plasmid) GBD-UBP10^{C371S}::TRP1 (YE_p)</i>	
RGY5118		RGY4742 <i>RPA190-3HA::TRP1 (2μ plasmid)</i>	
RGY5119		RGY4750 <i>RPA190-3HA::TRP1 (2μ plasmid)</i>	
		RGY4728 <i>P_{UBP10}⁻ USP36::URA3 (2μ plasmid)</i>	
Plasmids			
Plasmids		Relevant genes	Reference
pRG67		<i>trp1Δ::LEU2</i>	
pRG116		<i>LEU2 2μ pACT-GW-attR</i>	
pRG616	pRS306-str4-1-MT6	<i>URA3 INT ubp10^{C371S}-MT6</i>	(Gardner et al., 2005)
pRG617	pRS306-str4-5-MT6	<i>URA3 INT ubp10^{A94-250}-MT6</i>	(Gardner et al., 2005)
pRG637		<i>URA3 INT STR4/DOT4-6Myc</i>	(Gardner et al., 2005)
pRG898		<i>TRP1 YE_p Gal4BD-UBP10^{C371S}</i>	
pRG1332		<i>LEU2 2μ Gal4AD-Sir4⁽⁶¹²⁻¹³⁵⁸⁾</i>	
pRG1337		<i>NatMX INT NOP58-dsRed</i>	

pRG1738		<i>TRP1 INT UBP10-3HSV</i>	
pRG2490		<i>LEU2 2μ pACT-GW-t-DHR2</i>	
pRG3232		<i>TRP1 2μ RPA190-3HA</i>	
pRG3351		<i>LEU2 2μ pACT-GW-t-UTP10</i>	
pRG3352		<i>LEU2 2μ pACT-GW-t-UTP22</i>	
pRG3410		<i>URA3 INT SIR4-GFP</i>	
pRG3421		<i>URA3 2μ P_{UBP10}-USP36</i>	