

Table S1 Yeast strains used in this study.

Strain	Genotype	Source
BY4741	<i>MATa his3Δ1 leu2Δ0 LYS2 met15Δ0 ura3Δ0</i>	(MORTIMER and JOHNSTON 1986)
BY4742	<i>MATα his3Δ1 leu2Δ0 lys2Δ0 MET15 ura3Δ0</i>	(MORTIMER and JOHNSTON 1986)
Bbp1-GFP	<i>MATa BBP1-GFP:HIS3 his3Δ1 leu2Δ0 met15Δ0 ura3Δ0</i>	(HUH <i>et al.</i> 2003)
Ndc1-GFP	<i>MATa NDC1-GFP:HIS3 his3Δ1 leu2Δ0 met15Δ0 ura3Δ0</i>	(HUH <i>et al.</i> 2003)
Rtn1-GFP	<i>MATa RTN1-GFP:HIS3 his3Δ1 leu2Δ0 met15Δ0 ura3Δ0</i>	(HUH <i>et al.</i> 2003)
Ndc1-TAP	<i>MATa NDC1-TAP:HIS3 his3Δ1 leu2Δ0 met15Δ0 ura3Δ0</i>	(GHAEMMAGHAMI <i>et al.</i> 2003)
<i>nup120Δ</i>	<i>MATa nup120::KanR his3Δ1 leu2Δ0 met15Δ0 ura3Δ0</i>	(WINZELER <i>et al.</i> 1999)
<i>nup133Δ</i>	<i>MATa nup133::KanR his3Δ1 leu2Δ0 met15Δ0 ura3Δ0</i>	(WINZELER <i>et al.</i> 1999)
SLJ001	<i>MATa bar1::hisG;ura3-1;leu2-3,112;trp1-1;his3-11,15;ade2-1;can1-100;GAL+</i>	This Study
SLJ173	<i>MATα bar1::hisG;ura3-1;leu2-3,112;trp1-1;his3-11,15;ade2-1;can1-100;GAL+</i>	This Study
SLJ1433	<i>MATa trp1::GAL-myc-SPC42-TRP1</i>	(JASPERSEN <i>et al.</i> 2002)
SLJ3828	<i>MATa yop1::HygR rtn1::KanR trp1::GAL-myc-SPC42-TRP1</i>	This Study
SLJ5572	<i>MATa his3Δ200 trp1-901 leu2-3,112 ade2 LYS2:::(lexAop)4-HIS3 ura3:::(lexAop)8-lacZ ade2:::(lexAop)8-ADE2 GAL4</i>	This Study
SLJ5975	<i>MATα NDC1-3×HA-HIS3MX6:</i>	This Study
SLJ5976	<i>MATa YOP1-3×FLAG-KanR</i>	This Study
SLJ5977	<i>MATα NDC1-3×HA-HIS3MX6 YOP1-3×FLAG-KanR</i>	This Study
SLJ5572	<i>MATa his3Δ200 trp1-901 leu2-3,112 ade2 LYS2:::(lexAop)4-HIS3 ura3:::(lexAop)8-lacZ (lexAop)8-ADE2 GAL4</i>	Dual Biotech NMY51
SWY3810	<i>MATa rtn1::KanR yop1::KanR ura3Δ0 leu2Δ0 met15Δ0 his3Δ1</i>	(DAWSON <i>et al.</i> 2009)
SWY3811	<i>MATα rtn1::KanR yop1::KanR ura3Δ0 leu2Δ0 his3Δ1 lys2Δ0</i>	(DAWSON <i>et al.</i> 2009)
SWY4047	<i>MATα nup133::KanR RTN1-GFP:HIS3 ura3Δ0 leu2Δ0 his3Δ1 lys2Δ0</i>	(DAWSON <i>et al.</i> 2009)
SWY4522	<i>MATa NDC1-GFP:HIS3 his3Δ1 met15Δ0 ura3Δ0 leu2Δ0::DsRed-HDEL:LEU2</i>	This Study
SWY4616	<i>MATα GFP-TUB3 his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	This Study
SWY4617	<i>MATa GFP-TUB3 his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	This Study
SWY4636	<i>MATα NDC1-TAP:HIS3 RTN1-GFP:HIS3 his3Δ1 leu2Δ0 ura3Δ0</i>	This Study
SWY4637	<i>MATa NDC1-TAP:HIS3 RTN1-GFP:HIS his3Δ1 leu2Δ0 ura3Δ0</i>	This Study
SWY4725	<i>MATα rtn1::KanR yop1::KanR NIC96-GFP:HIS3 met15Δ0 his3Δ1 leu2Δ0 ura3Δ0</i>	This Study
SWY4877	<i>MATα rtn1::KanR yop1::KanR GFP-TUB3 his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	This Study
SWY4878	<i>MATα rtn1::KanR yop1::KanR GFP-TUB3 his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	This Study
SWY4906	<i>MATa rtn1::KanR yop1::KanR leu2Δ0::DsRed-HDEL:LEU2 ndc1-GFP:HIS3 ura3Δ0</i>	This Study

SWY4934	<i>MATa rtn1::KanR yop1::KanR GFP-TUB3 his3Δ1 leu2Δ0 ura3Δ0 lys2Δ0</i>	This Study
SWY4935	<i>MATa rtn1::KanR yop1::KanR GFP-TUB3 his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	This Study
SWY4950	<i>MATa rtn1::KanR yop1::KanR BBP1-GFP:HIS3 NIC96-mcherry:HYGB his3Δ1 leu2Δ0 ura3Δ0 lys2Δ0</i>	This Study
SWY4970	<i>MATa NIC96-mcherry:HYGB BBP1-GFP:HIS3 his3Δ1 leu2Δ0 ura3Δ0</i>	This Study
SWY4971	<i>MATa nup120::KanR NIC96-mcherry:HYGB BBP1-GFP:HIS3 his3Δ1 leu2Δ0 ura3Δ0</i>	This Study
SWY4972	<i>MATa rtn1::KanR yop1::KanR SEC63-GFP:HIS3 his3Δ1 leu2Δ0::DsRED-HDEL:LEU2 ura3Δ0</i>	This Study
SWY5033	<i>MATα nup133::KanR NIC96-mcherry:HYGB BBP1-gfp:HIS3 his3Δ1 leu2Δ0 ura3Δ0 lys2Δ0 met15Δ0</i>	This Study

* All strains beginning with "SLJ" are derivatives of W303 and all strains beginning with "SWY" are derivatives of S288C.

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