

Table S1. Plasmids used in this study

Plasmid	Description and Features	Yeast Selectable Marker	Source
pGAC24-No Term- <i>CUP1</i>	No terminator insert	<i>LEU2</i>	(Lesser and Guthrie 1993)
pGAC24- <i>DEF1-CUP1</i>	-187 to +93 <i>DEF1</i> gene (relative to +1 ATG), cloned into Xho1 site;	<i>LEU2</i>	This study
pGAC24- <i>CYC1-CUP1</i>	+448 to +528 <i>CYC1</i> gene (relative to +1 ATG start codon), cloned into Xhol site	<i>LEU2</i>	(Steinmetz and Brow 2003)
pGAC24-SNR13- <i>CUP1</i>	+125 to +232 (relative to +1 TSS), cloned into Xhol site	<i>LEU2</i>	(Steinmetz and Brow 2003)
pGAC24-No Term- <i>lacZ</i>	No terminator insert	<i>LEU2</i> or <i>HIS3</i>	This study
pGAC24- <i>DEF1-lacZ</i>	-187 to +93 <i>DEF1</i> gene (relative to +1 ATG), cloned into Xhol site	<i>LEU2</i> or <i>HIS3</i>	This study
pGAC24- <i>CYC1-lacZ</i>	+448 to +528 <i>CYC1</i> gene (relative to +1 ATG start codon), cloned into Xhol site	<i>LEU2</i> or <i>HIS3</i>	This study
pGAC24-SNR13- <i>lacZ</i>	+125 to +232 (relative to +1 TSS), cloned into Xhol site	<i>LEU2</i> or <i>HIS3</i>	This study
PRS314- <i>HRP1</i>	-500 to +1848 relative to +1 ATG start codon, cloned into NotI/Xhol site	<i>TRP1</i>	This study
PRS314- <i>hrp1-5</i>	-500 to +1848 relative to +1 ATG start codon, cloned into NotI/Xhol site; T+614C mutation results in L205S substitution; <i>TRP1</i>	<i>TRP1</i>	(Kessler et al., 1997); This study
PRS426	Yeast episomal plasmid (YEp)-type vector, 2μ origin of replication	<i>URA3</i>	(Christianson et al. 1992)
PRS426- <i>DEF1</i>	-428 to +2596 relative to the +1 ATG start codon, cloned into Not I site	<i>URA3</i>	This study
PRS426- <i>def1 A-1G</i>	-428 to +2596 relative to the +1 ATG start codon, cloned into Not I site, A-1G attenuator mutation	<i>URA3</i>	This study

pRS426-def1 C1590A	-428 to +2596 relative to the +1 ATG start codon, cloned into Not I site, C1590A DNA mutation results in Y-530-Stop amino acid substitution	<i>URA3</i>	This study
pRS426-def1 C1590A/A-1G	-428 to +2596 relative to the +1 ATG start codon, cloned into Not I site, C1590A DNA mutation results in Y-530-Stop amino acid substitution; A-1G attenuator mutation	<i>URA3</i>	This study

Table S2. Yeast strains used in this study

Strain	Genotype	Source
46 α	<i>MATα</i> <i>cup1Δ ura3 his3 trp1 lys2 ade2 leu2</i>	(Lesser and Guthrie 1993)
<i>nrd1-V368G</i> (<i>nrd1-5</i>)	<i>MATα nrd1-V368G</i> <i>cup1Δ ura3 his3 trp1 lys2 ade2 leu2</i>	(Steinmetz and Brow 1996)
<i>sen1-E1597K</i> (<i>nrd2-1</i>)	<i>MATα sen1-E1597K</i> <i>cup1Δ ura3 his3 trp1 lys2 ade2 leu2</i>	(Steinmetz and Brow 1996)
<i>ssu72-G33A</i>	<i>MATα ssu72-G33A</i> <i>cup1Δ ura3 his3 trp1 lys2 ade2 leu2</i>	(Steinmetz and Brow 2003)
<i>hrp1-5</i>	<i>MATα hrp1::HIS3</i> <i>cup1Δ ura3 his3 trp1 lys2 ade2 leu2 [pRS314-L205S]</i>	(Kessler <i>et al.</i> 1997); This study
BY4742	<i>MATα his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	(Brachmann <i>et al.</i> 1998)
<i>paf1Δ</i>	<i>MATα paf1::KANMX</i> <i>his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	ATCC (15727)
<i>ctk1Δ</i>	<i>MATα ctk1::KANMX</i> <i>his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	ATCC (17028)
<i>def1Δ</i>	<i>MATα def1::KANMX</i> <i>his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	ATCC (14903)
DMA1 (BY4741)	<i>MATα his3::kanMX4</i> <i>his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	(Costanzo <i>et al.</i> 2016)
<i>glc7-12</i>	<i>MATα glc7-12::KanR</i> <i>his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	(Andrews and Stark 2000; Costanzo <i>et al.</i> 2016)

<i>rna15-58</i>	<i>MATa rna15-58::KanR his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	(Hammell <i>et al.</i> 2002; Costanzo <i>et al.</i> 2016)
<i>nab3-11</i>	<i>MATa nab3-11::KanR his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	(Conrad <i>et al.</i> 2000; Costanzo <i>et al.</i> 2016)
<i>ssu72-2</i>	<i>MATa ssu72-2::KanR his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	(Pappas and Hampsey 2000; Costanzo <i>et al.</i> 2016)
<i>sen1-1</i>	<i>MATa sen1-1::KanR his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	(Ursic <i>et al.</i> 1997; Costanzo <i>et al.</i> 2016)
<i>hrp1-1</i>	<i>MATa hrp1-1::KanR his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	(Kessler <i>et al.</i> 1997; Costanzo <i>et al.</i> 2016)
<i>rna14-5001</i>	<i>MATa RNA14-ph::KanR his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	(Costanzo <i>et al.</i> 2016)
<i>cft2-5001</i>	<i>MATa CFT2-PH::KanR his3Δ1 leu2Δ0 ura3Δ0 met15Δ0</i>	(Costanzo <i>et al.</i> 2016)
<i>PCF11</i>	<i>MATa pcf11-Δ::TRP1 ura3-1 trp1Δ ade2-1 leu2-3, 112 his3-11, 15 [pFL38-PCF11 (URA3)]</i>	(Amrani <i>et al.</i> 1997)
<i>pcf11-2</i>	<i>MATa pcf11-2 ura3-1 trp1Δ ade2-1 leu2-3, 112 his3-11, 15</i>	(Amrani <i>et al.</i> 1997)
<i>pcf11-9</i>	<i>MATa pcf11-9 ura3-1 trp1Δ ade2-1 leu2-3, 112 his3-11, 15</i>	(Amrani <i>et al.</i> 1997)
<i>pcf11-13</i>	<i>MATa pcf11-Δ::TRP1 ura3-1 trp1Δ ade2-1 leu2-3, 112 his3-11, 15 [pNOPL-pcf11-13 (LEU2)]</i>	(Sadowski <i>et al.</i> 2003)

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