

**Supplementary Table II.** Yeast vectors and plasmids used in this study

Plasmid code	Plasmid name	Description	References
pFS1876	YCpLac33- <i>YRA1</i> (pURA3- <i>YRA1</i> )	<i>YRA1</i> gene +/-500bp cloned as a <i>Bam</i> HI fragment into YCpLac33 ( <i>URA3</i> , CEN)	(Stutz <i>et al.</i> , 2000)
pFS1877	YCpLac111- <i>YRA1</i>	<i>YRA1</i> gene +/-500bp cloned as a <i>Bam</i> HI fragment into YCpLac111 ( <i>LEU2</i> , CEN)	This study
pFS2553	YCpLac111-HA-GFP- <i>YRA1</i>	GFP- <i>yral</i> +/-500pb (no intron) cloned as a <i>Bam</i> HI fragment into YCpLac111 ( <i>LEU2</i> , CEN)	This study
pFS2554	YCpLac111-HA-GFP- <i>yral-8</i>	GFP- <i>yral-8</i> +/-500pb (no intron) cloned as a <i>Bam</i> HI fragment into YCpLac111 ( <i>LEU2</i> , CEN)	(Zenklusen <i>et al.</i> , 2002)
pFS2321	YCpLacIII-HA- <i>YRA1</i> cDNA	HA- <i>YRA1</i> cDNA +/- 500bp cloned as a <i>Bam</i> HI fragment into YcPac111 ( <i>LEU2</i> , CEN)	(Zenklusen <i>et al.</i> , 2001)
pFS2328	YCpLac111-HA- <i>yral-8</i>	HA- <i>yral-8</i> +/-500bp (no intron) cloned as a <i>Bam</i> HI fragment into YCpLac111 ( <i>LEU2</i> , CEN)	(Zenklusen <i>et al.</i> , 2002)
pAC717	<i>NAB2</i> WT	<i>NAB2</i> gene +/-400bp cloned as a <i>Xba</i> I/ <i>Xho</i> I fragment into pRS315 ( <i>LEU2</i> , CEN)	(Green <i>et al.</i> , 2002)
pAC1152	$\Delta N$ - <i>nab2</i>	$\Delta N$ - <i>nab2</i> cloned into pRS315 ( <i>LEU2</i> , CEN)	(Marfatia <i>et al.</i> , 2003)
pFS2764	YEplac112- <i>NAB2</i>	<i>NAB2</i> gene +/-500bp cloned as a <i>Bam</i> HI PCR fragment into YEplac112 ( <i>TRP1</i> , 2 $\mu$ )	This study
pFS2015	pLGSD5	Galactose inducible $\beta$ -galactosidase reporter construct ( <i>URA3</i> , 2 $\mu$ )	(Legrain and Rosbash, 1989)
pFS2738	pGAL1-LacZ	Galactose inducible $\beta$ -galactosidase reporter construct ( <i>URA3</i> , CEN)	(Chavez <i>et al.</i> , 2001)

**Supplementary Table III.** Yeast strains used in this study

Strain code	Name	Genotype	References
W303 background			
W303	wild-type	<i>MATa ade2 his3 leu2 trp1 ura3</i>	
FSY1026	YRA1 shuffle	<i>MATa ade2 his3 leu2 trp1 ura3 yral::HIS3</i> <pURA3-YRA1 gen; pFS1876>	(Stutz <i>et al</i> , 2000)
FSY1062	YRA1 shuffle $\Delta yra2$	<i>MATa ade2 his3 leu2 trp1 ura3 yra2::KAN<sup>r</sup> yral::HIS3</i> <pURA3-YRA1 gen; pFS1876>	(Zenklusen <i>et al</i> , 2002)
FSY1286	YRA1 shuffle $\Delta mlp1$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp1::TRP1 yral::HIS3</i> <pURA3-YRA1 gen; pFS1876>	This study
FSY1284	YRA1 shuffle $\Delta mlp2$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp2::TRP1 yral::HIS3</i> <pURA3-YRA1 gen; pFS1876>	This study
FSY1528	YRA1 shuffle $\Delta mlp1/2$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp1::TRP1 mlp2::TRP1 yral::HIS3</i>	This study
FSY1621	YRA1 shuffle $\Delta rrp6$	<i>MATa ade2 his3 leu2 trp1 ura3 rrp6::KAN<sup>r</sup> yral::HIS3</i> <pURA3-YRA1 gen; pFS1876>	This study
FSY1718	YRA1 shuffle $\Delta mlp1 \Delta rrp6$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp1::TRP1 rrp6::KAN<sup>r</sup> yral::HIS3</i> <pURA3-YRA1 gen; pFS1876>	This study
FSY1678	YRA1 shuffle $\Delta mlp2 \Delta rrp6$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp2::TRP1 rrp6::KAN<sup>r</sup> yral::HIS3</i> <pURA3-YRA1 gen; pFS1876>	This study
FSY1744	YRA1 shuffle $\Delta mlp1/2 \Delta rrp6$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp1::TRP1 mlp2::TRP1 rrp6::KAN<sup>r</sup> yral::HIS3</i>	This study
FSY1485	YRA1 gen	<i>MATa ade2 his3 leu2 trp1 ura3 yral::HIS3</i> <pLEU2-YRA1 gen; pFS1877>	(Zenklusen <i>et al</i> , 2002)
FSY1568	GFP- <i>yra1</i>	<i>MATa ade2 his3 leu2 trp1 ura3 yral::HIS3</i> <pLEU2-HA-GFP- <i>yra1</i> ; pFS2553>	This study
FSY1063	GAL GFP- <i>yra1-8</i>	<i>MATa ade2 his3 leu2 trp1 ura3 yral::HIS3</i> <pTRP1-GAL-GFP- <i>yra1-8</i> ; pFS1975>	This study
FSY1376	GFP- <i>yra1-8</i>	<i>MATa ade2 his3 leu2 trp1 ura3 yral::HIS3</i> <pTRP1-HA-GFP- <i>yra1-8</i> ; pFS2557>	(Zenklusen <i>et al</i> , 2002)
FSY1486	GFP- <i>yra1-8</i>	<i>MATa ade2 his3 leu2 trp1 ura3 yral::HIS3</i> <pLEU2-HA-GFP- <i>yra1-8</i> ; pFS2554>	(Zenklusen <i>et al</i> , 2002)
FSY1786	<i>yra1-8</i>	<i>MATa ade2 his3 leu2 trp1 ura3 yral::HIS3</i> <pLEU2-HA- <i>yra1-8</i> ; pFS2328>	This study
FSY1576	YRA1 gen $\Delta mlp1$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp1::TRP1 yral::HIS3</i> <pLEU2-YRA1 gen; pFS1877>	This study
FSY1577	GFP- <i>yra1-8</i> $\Delta mlp1$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp1::TRP1 yral::HIS3</i> <pLEU2-HA-GFP- <i>yra1-8</i> ; pFS2554>	This study
FSY1487	YRA1 gen $\Delta mlp2$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp2::TRP1 yral::HIS3</i> <pLEU2-YRA1 gen; pFS1877>	This study
FSY1488	GFP- <i>yra1-8</i> $\Delta mlp2$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp2::TRP1 yral::HIS3</i> <pLEU2-HA-GFP- <i>yra1-8</i> ; pFS2554>	This study
FSY1534	YRA1 gen $\Delta mlp1 \Delta mlp2$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp1::TRP1 mlp2::TRP1 yral::HIS3</i> <pLEU2-YRA1 gen; pFS1877>	This study
FSY1535	GFP- <i>yra1-8</i> $\Delta mlp1 \Delta mlp2$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp1::TRP1 mlp2::TRP1 yral::HIS3</i> <pLEU2-HA-GFP- <i>yra1-8</i> ; pFS2554>	This study
FSY1758	YRA1 gen $\Delta rrp6$	<i>MATa ade2 his3 leu2 trp1 ura3 rrp6::KAN<sup>r</sup> yral::HIS3</i> <pLEU2-YRA1 gen; pFS1877>	(Zenklusen <i>et al</i> , 2002)
FSY1764	GFP- <i>yra1-8</i> $\Delta mlp1 \Delta rrp6$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp1::TRP1 rrp6::KAN<sup>r</sup> yral::HIS3</i> <pLEU2-HA-GFP- <i>yra1-8</i> ; pFS2554>	This study
FSY1765	GFP- <i>yra1-8</i> $\Delta mlp2 \Delta rrp6$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp2::TRP1 rrp6::KAN<sup>r</sup> yral::HIS3</i> <pLEU2-HA-GFP- <i>yra1-8</i> ; pFS2554>	This study
FSY1766	GFP- <i>yra1-8</i> $\Delta mlp1/2 \Delta rrp6$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp1::TRP1 mlp2::TRP1 rrp6::KAN<sup>r</sup> yral::HIS3</i> <pLEU2-HA-GFP- <i>yra1-8</i> ; pFS2554>	This study
FSY1812	<i>yra1-8</i> $\Delta rrp6$	<i>MATa ade2 his3 leu2 trp1 ura3 rrp6::KAN<sup>r</sup> yral::HIS3</i> <pLEU2-HA- <i>yra1-8</i> ; pFS2328>	(Zenklusen <i>et al</i> , 2002)
FSY2053	<i>yra1-8</i> $\Delta mlp1/2 \Delta rrp6$	<i>MATa ade2 his3 leu2 trp1 ura3 mlp1::TRP1 mlp2::TRP1 rrp6::KAN<sup>r</sup> yral::HIS3</i> <pLEU2-HA- <i>yra1-8</i> ; pFS2328>	This study
FSY2254	$\Delta yra1 \Delta mlp2$	<i>MATa ade2 his3 leu2 trp1 ura3 yral::HIS3 mlp2::TRP1</i>	This study
FSY1567	Mlp1-ProtA	<i>MATa ade2 his3 leu2 trp1 ura3 MLP1-ProtA-KAN<sup>r</sup> yral::HIS3</i> <pURA3-YRA1 gen; pFS1876>	This study
FSY1351	Mlp2-ProtA	<i>MATa ade2 his3 leu2 trp1 ura3 MLP2-ProtA-KAN<sup>r</sup> yral::HIS3</i> <pURA3-YRA1 gen; pFS1876>	This study
ACY429	NAB2 shuffle	<i>MATa his3 leu2 trp1 ura3 nab2::HIS3</i> <pURA3-NAB2; pAC636>	(Green <i>et al</i> , 2002)
FSY2081	NAB2 shuffle $\Delta mlp1$	<i>MATa his3 leu2 trp1 ura3 mlp1::TRP1 nab2::HIS3</i> <pURA3-NAB2; pAC636>	This study
FSY2082	NAB2 shuffle $\Delta mlp2$	<i>MATa his3 leu2 trp1 ura3 mlp2::TRP1 nab2::HIS3</i> <pURA3-NAB2; pAC636>	This study