



Figure S1 Diagram of the cAMP-PKA pathway in yeast. Proteins in green circles are activators of the PKA pathway whereas proteins in red circles are inhibitors. The Msn2 transcription factor activates stress response genes when the PKA pathway is inhibited.

Table S1 List of Yeast Strains.

All strains are isogenic to YPH499 unless otherwise indicated.

Strain	Genotype	Reference
YPH499	MATa <i>ura3-52, lys2-801, ade2-101, his3Δ200, leu2Δ1, trp1Δ63</i>	P. Hieter
YVM1370	MATa <i>SPC24::kanMX6</i>	(MONTPETIT <i>et al.</i> 2005)
YVM1448	MATa <i>spc24-8::kanMX6</i>	(MONTPETIT <i>et al.</i> 2005)
YVM1380	MATa <i>spc24-9::kanMX6</i>	(MONTPETIT <i>et al.</i> 2005)
YVM1363	MATa <i>spc24-10::kanMX6</i>	(MONTPETIT <i>et al.</i> 2005)
YLM1572	MATa <i>ras2Δ::LEU2</i>	(Ho and BRETSCHER 2001)
YLM1813	MATa <i>ras2Δ::LEU2 spc24-8::kanMX6</i>	This study
YLM1568	MATa <i>ras2Δ::LEU2 spc24-9::kanMX6</i>	This study
YLM1815	MATa <i>ras2Δ::LEU2 spc24-10::kanMX6</i>	This study
YM81	MATa <i>mad2Δ::HIS3</i>	P. Hieter
YVM1515	MATa <i>mad2Δ::HIS3 spc24-8::kanMX6</i>	This study
YLM1985	MATa <i>ras2Δ::LEU2 mad2Δ::HIS3</i>	This study
YLM1983	MATa <i>ras2Δ::LEU2 mad2Δ::HIS3 spc24-8::kanMX6</i>	This study
YM2241	MATa <i>ndc10ΔHIS3 ndc10-1::kanMX6 CFIII TRP1</i>	This study
YM2268	MATa <i>ndc10ΔHIS3 ndc10-1::kanMX6 ras2Δ::LEU2</i>	This study
YBL69-4-6d	MATa <i>ipl1-321 trp1Δ63 ade2 leu2 his3Δ200</i>	B. Lavoie
YM2273	MATa <i>ipl1-321 ras2Δ::LEU2</i>	This study
YVM64	MATa <i>ade2-1, can1-100, his3-11,15, leu2-3,112, trp1-1 ura3-1</i>	D. Stillman
PWY754	MATa <i>ade2-1, can1-100, his3-11,15, leu2-3,112, trp1-1 spc25-1</i>	(WIGGE and KILMARTIN 2001)
YKH628	MATa <i>ade2-1, can1-100, his3-11,15, leu2-3,112, trp1-1 ndc80-1</i>	(WIGGE and KILMARTIN 2001)
PSY455	MATa <i>ura3-52 leu2-3,11 trp1-Δ1 nuf2-61</i>	(OSBORNE <i>et al.</i> 1994)

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