

Table S2. Strains Used in This Study

Strain	Genotype	Source	Figure
BY4741	<i>MATa; his3Δ1, leu2Δ0, ura3Δ0, met15Δ0</i>	Euroscarf	1A-D, S1A/B, S2, 3A/B/D/E, S3, Table 1
Y7092	[BY4741] <i>MATα; can1Δ::STE2pr-Sp_his5, lyp1Δ</i>	Boone lab	
YSB084	[Y7092] <i>MATα; rim15Δ::natMX4</i>	This study	SGA screen
YFL033C	[BY4741] <i>MATa; rim15Δ::kanMX4</i>	Euroscarf	1A/D, S1B, 2C, 3A/E, Table 1
YSB147	[BY4741] <i>MATa; rim15Δ::natMX4</i>	This study	1B/C, S1A
CDV288-12A	[BY4741] <i>MATa; igo1Δ::kanMX4, igo2Δ::kanMX4</i>	(Talarek et al., 2010)	2B, 3A, Table 1
XL119-14A	[BY4741] <i>MATa; igo1Δ::natMX4, igo2Δ::hphMX4</i>	This study	1A-D, S1B, 3E
YDL134C	[BY4741] <i>MATa; pph21Δ::kanMX4</i>	Euroscarf	1A-D, S1B, S2, 3A/B, Table 1
YSB148	[BY4741] <i>MATa; cdc55Δ::kanMX6</i>	This study	1A-D, S1B, S2, 2B/C, 3A/B
YDL188C	[BY4741] <i>MATa; pph22Δ::kanMX4</i>	Euroscarf	1D, S1B
YOR014W	[BY4741] <i>MATa; rts1Δ::kanMX4</i>	Euroscarf	1D, S1B
CDV319-1C	[BY4741] <i>MATa; rim15Δ::kanMX4, pph21Δ::kanMX4</i>	This study	1A-D, S1B, 3A
CDV321-1D	[BY4741] <i>MATα; igo1Δ::kanMX4, igo2Δ::kanMX4, pph21Δ::kanMX4</i>	This study	1A-D, S1B, 2B 3A
YSB150	[BY4741] <i>MATa; rim15Δ::natMX4, cdc55Δ::kanMX6</i>	This study	1A-D, S1B, 3A/E
YSB201	[BY4741] <i>MATa; igo1Δ::natMX4, igo2Δ::hphMX4, cdc55Δ::kanMX6</i>	This study	1A-D, S1B, 2B, 3A/E
YSB220	[BY4741] <i>MATa; rim15Δ::natMX4, cdc55Δ::kanMX6, igo1Δ::natMX4, igo2Δ::hphMX4</i>	This study	2B
YSB163	[BY4741] <i>MATa; rim15Δ::natMX4, pph22Δ::kanMX4</i>	This study	1D, S1B
YSB199	[BY4741] <i>MATa; rim15Δ::natMX4, rts1Δ::kanMX4</i>	This study	1D, S1B
YSB202	[BY4741] <i>MATa; igo1Δ::natMX4, igo2Δ::hphMX4, rts1Δ::kanMX4</i>	This study	1D, S1B
YSB229	[BY4741] <i>MATa; rim15Δ::natMX4, pph21Δ::kanMX4, msn2Δ::kanMX4, msn4Δ::kanMX4, gis1Δ::kanMX4</i>	This study	1D, S1B
YSB230	[BY4741] <i>MATa; rim15Δ::natMX4, cdc55Δ::kanMX6, msn2Δ::kanMX4, msn4Δ::kanMX4, gis1Δ::kanMX4</i>	This study	1D, S1B
YSB204	[BY4741] <i>MATα; msn2Δ::kanMX4, msn4Δ::kanMX4, gis1Δ::kanMX4</i>	This study	1D, S1B, 3D, S3
YSB205	[BY4741] <i>MATa; msn2Δ::kanMX4, msn4Δ::kanMX4, gis1Δ::kanMX4, pph21Δ::kanMX4</i>	This study	1D, S1B, 3D, S3
YSB217	[BY4741] <i>MATa; msn2Δ::kanMX4, msn4Δ::kanMX4, gis1Δ::kanMX4, cdc55Δ::kanMX6</i>	This study	1D, S1B, 3D, S3
NMY51	<i>MATa; his3Δ200, trp1-901, leu2-3,112, ade2, LYS::(lexAop)4-HIS3, ura3::(lexAop)8-lacZ, ade2::(lexAop)8-ADE2, GAL4</i>	Dual-systems	2A
BZ001-5AL	[NMY51] <i>MATa; rim15Δ::natMX4</i>	This study	2A
YSB222	[W303] <i>MATa; ura3::TRP1::PDS-lacZ</i>	This study	3C
YSB224	[W303] <i>MATa; ura3::TRP1::PDS-lacZ, gis1Δ::kanMX2</i>	This study	3C

Table S3. Plasmids Used in This Study

Plasmid	Description	Source	Figure
YEpl351	2 μ , <i>LEU2</i>	(Hill et al., 1986)	
pSB001	[YEpl351] <i>HSP26p-yEmRFP</i>	This study	SGA screen
Yep352	2 μ , <i>URA3</i>	(Hill et al., 1986)	
pSB002	[YEpl352] <i>HSP26p-yEmRFP</i>	This study	1A
YCplac33	CEN, <i>URA3</i>	(Gietz and Sugino, 1988)	
pCDV260	[YCplac33] <i>RIM15</i>	De Virgilio lab	SGA screen
pRS416	CEN, <i>URA3</i>	(Brachmann et al., 1998)	
pSB003	[pRS416] <i>ADH1p-CDC55-HA₃</i>	This study	2B/C, S2, 3B
pSB004	[pRS416] <i>ADH1p-CDC55</i>	This study	2B, S2, 3B
pSB005	[pRS416] <i>ADH1p-HA₃-RPC53</i>	This study	2B
pSB006	[pRS416] <i>ADH1p-HA₃-PPH21</i>	This study	2B, S2, 3B
pSB011	[pRS416] <i>ADH1p-HA₃-NAP1</i>	This study	3B
YCplac111	CEN, <i>LEU2</i>	(Gietz and Sugino, 1988)	2B, 3B
p1432	[YCplac111] <i>IGO1-myc₈</i>	De Virgilio lab	S1A, 2B, S2
p1434	[YCplac111] <i>IGO1^{S64A}-myc₈</i>	De Virgilio lab	S1A, 2B
pSB013	[YCplac111] <i>ADH1p-GIS1-myc₁₃</i>	This study	3B
pSB014	[YCplac111] <i>ADH1p-GIS1^{S425A}-myc₁₃</i>	This study	3B
YEplac195	2 μ , <i>URA3</i>	(Gietz and Sugino, 1988)	
pCDV487	[YEplac195] <i>GAL1p-GST-RIM15-HA₃</i>	(Pedruzzi et al., 2003)	2C
pHAC33	CEN, <i>HA₃, URA3</i>	(Soulard et al., 2010)	3C/D, S3
pSB008	[pHAC33] <i>GIS1-HA₃</i>	This study	3A, S3
pSB009	[pHAC33] <i>ADH1p-GIS1-HA₃</i>	This study	3C-E, S3
pSB010	[pHAC33] <i>ADH1p-GIS1^{S425A}-HA₃</i>	This study	3C-E, S3
pDL2-Alg5	2 μ , <i>ADH1-ALG5-HA-NUBG, TRP1</i>	Dualsystems	2A
pAI-Alg5	2 μ , <i>ADH1-ALG5-HA-NUBI, TRP1</i>	Dualsystems	2A
pPR3-N	2 μ , <i>CYC1-NUBG-HA, TRP1</i>	Dualsystems	
pNT059	[pPR3-N] <i>CYC1-NUBG-HA-PPH21</i>	This study	2A
pNT061	[pPR3-N] <i>CYC1-NUBG-HA-CDC55</i>	This study	2A
pCabWT	CEN, <i>CYC1-CUB-LEXA, LEU2</i>	Dualsystems	
pNT015	[pCabWT] <i>CYC1-IGO1-CUB-LEXA</i>	This study	2A
pNT038	[pCabWT] <i>CYC1-IGO1^{S64A}-CUB-LEXA</i>	This study	2A
pET-24d	lac Operator, <i>kan^R</i>	Novagen	
pNT051	[pET-24d] <i>IGO1-HIS₆</i>	This study	2C
pSB007	[pET-24d] <i>IGO^{S64A}-HIS₆</i>	This study	2C

Table S4. qPCR Oligonucleotides Used in This Study

Name	Sequence	Figure
RTN2qF1	5'-ATTGGATCGTCTGCCTGCGTTAGA	1D, 3D
RTN2qR1	5'-AGGCCGTGCAAGAAATAGAGGGAA	1D, 3D
SOL4qF1	5'-AGGATCGATGAACCAAGCGCTGTA	S1B
SOL4qR1	5'-AATTGGTTGCCCTGATGCACTAGC	S1B
TBP1qF1	5'-CGCTACATGCCCCGTAATGCAGAAT	1D, S1B, 3D
TBP1qR1	5'-TACTGGCCAGCTTTGAGTCATCCT	1D, S1B, 3D
STE3qF1	5'-CGTCAAGGACCTTGTGATTAGC	3E
STE3qR1	5'-GCGCCCACAAATGACCATATAAGC	3E
ProRTN2qF1	5'-GTTCAATTGCTTGTCTCAACTTGCC	3E
ProRTN2qR1b	5'-CCGTCTTGTCTGATGACCTGCTT	3E