

SUPPLEMENTAL TABLE 1

Statistics from the crystallographic analysis.

Data Set	Native
Diffraction Data	
Wavelength (Å)	1.000
Resolution (Å)	50 – 2.70
Observations	210206
Unique reflections	22908
Redundancy	9.2
Completeness (%)	93.9 (64.4)
Overall I/σ	35.3 (3.1)
R_{sym} (%)	9.2 (30.4)
Refinement Statistics	
Resolution limits (Å)	50 – 2.70
Total Atoms	5490
R-factor (%)	23.1
R-free (%)	29.7
RMSD bonds (Å)	0.008
RMSD angles (°)	1.64
Ramachandran Plot	
Favored (%)	95.9
Disallowed (%)	0.0

SUPPLEMENTAL TABLE 2

Saccharomyces cerevisiae strains and plasmids

Yeast Strain	Genotype	Source
W303	<i>MAT a, trp1-1 ade2-1 ura3-1 leu2-3,112 his3-11,15 can1-100</i>	Euroscarf
W303 <i>gcn5</i> Δ	<i>MAT a, trp1-1 ade2-1 ura3-1 leu2-3,112 his3-11,15 can1-100 gcn5Δ::kanMX4</i>	This study
W303 <i>sgf11</i> Δ	<i>MAT a, trp1-1 ade2-1 ura3-1 leu2-3,112 his3-11,15 can1-100 sgf11Δ::kanMX4</i>	This study
W303 <i>gcn5</i> Δ <i>sgf11</i> Δ	<i>MAT a, trp1-1 ade2-1 ura3-1 leu2-3,112 his3-11,15 can1-100 gcn5Δ::kanMX4 sgf11Δ::natNT2</i>	This study
W303 <i>gcn5</i> Δ <i>sgf73</i> Δ	<i>MAT a, trp1-1 ade2-1 ura3-1 leu2-3,112 his3-11,15 can1-100 gcn5Δ::kanMX4 sgf73Δ::natNT2</i>	This study
YZS276	<i>MATa his3-11,-15 leu2-3,112 trp1-1 ura3-1 ade2-1 hta-1 htb1::LEU2 hta2-htb2:: + pRS413-FLAG-HTB1-HTA1</i>	Robzyk et al., 2000
YZS276 <i>ubp8</i> Δ	<i>MATa his3-11,-15 leu2-3,112 trp1-1 ura3-1 ade2-1 hta-1 htb1::LEU2 hta2-htb2:: + pRS413-FLAG-HTB1-HTA1 ubp8Δ::natNT2</i>	Köhler et al., 2008
YZS276 <i>sgf11</i> Δ	<i>MATa his3-11,-15 leu2-3,112 trp1-1 ura3-1 ade2-1 hta-1 htb1::LEU2 hta2-htb2:: + pRS413-FLAG-HTB1-HTA1 sgf11Δ::natNT2</i>	This study
ADA2-TAP <i>sgf73</i> Δ	<i>Mat a, ade2, arg4, leu2-3,112, ura3-52, trp1-289, ADA2-TAP::K.I. URA3, SUS1-13MYC::KanMX4 sgf73D::natNT2</i>	This study

Plasmids Yeast	Source
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pRS316-GCN5	This study
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pRS314-SGF11*	This study
pRS314- <i>sgf11</i> L85D*	This study
pRS314- <i>sgf11</i> A86D*	This study
pRS314- <i>sgf11</i> L89D*	This study
pRS314- <i>sgf11</i> A86D L89D*	This study
pRS314- <i>sgf11</i> R84A*	This study
pRS314- <i>sgf11</i> R91A*	This study
pRS314- <i>sgf11</i> R84A R91A*	This study
pRS314- <i>sgf11</i> R84A A86D*	This study

*also with C-terminal 6HIS tag

pRS314-SGF73	This study
pRS314- <i>sgf73</i> ΔN aa1-104	This study
pRS314- <i>sgf73</i> W32R K33A	This study
pRS314- <i>sgf73</i> H93A	This study
pRS314- <i>sgf73</i> W32R K33A H93A	This study