Supplemental Table 1. Oligonucleotides

Name	Sequence
oJB500	5'-GGATTTTTCTGTGGATGCTTTTCTTTTTAATTAAAAATTTAGTCGTTTATTA ACTATTGCTTTAAGTTTTTTTCAACAAGCGGATCCCCGGGTTAATTAA-3'
oJB501	5'-CACGTTGACAACGCTAAAATCCAACCATGAAAAATTCCAGCTATTAACAA GTCCAAGAAGAAAGTAAAACATACGATGACGAATTCGAGCTCGTTTAAAC-3'
oJB502	5'-CGGTCTCAACTTACCAAAAGCAACACACGGTTAGAAAGACTTATAACTTGC TTTTTACTATATACAAAATTCCATAATTACGGATCCCCGGGTTAATTAA-3'
oJB503	5'-TTAACTCAAAAATCAGAAAGGTGGATAAATTTTTTGAAACAATCACAATCGA TTGATCACTCATTAGAGAATTGAAACTTGAATTCGAGCTCGTTTAAAC-3'
oJB504	5'-AATTTCTAAATAGGAAAGTATTGAGAAATAACTGTGTTTAATAATCTAGAAG AGATCCTTGAATAATTTGTGCTACAACGCGGATCCCCGGGTTAATTAA-3'
oJB505	5'-AAAAAACAAAACTATTACATGTTTGAGGGGGTATATGTGTGCCATAAAAAA CAAGATATTTGACTTGCACATACCAAAGGAATTCGAGCTCGTTTAAAC-3'
oJB506	5'-GATTTGACAAACTGCACGGTACAGTAAGTTTTGTTGTATGCAGAGGAAAG AAAGAGATTTTAACTGGAAAACTGTATAGACGGATCCCCGGGTTAATTAA-3'
oJB507	5'-TAACAGTAAAAGATGAAATAAAACGGAGGTTCAAATGAGAAAAAGAAAAAA GGGTGTTTCAAATCATCAAATATTTAGCAGAATTCGAGCTCGTTTAAAC-3'

Supplemental Table 2. *S. pombe* strains

Name	Genotype	Source
KGY425	*h- his3-D1 leu1-32 ura4-D18 ade6-m210*	Burke and Gould, 1994
JBY389	*h- his3-D1 leu1-32 ura4-D18 ade6-m210 hmg1-T1028A*	Burg et al., 2008
PEY523	*h- his3-D1 leu1-32 ura4-D18 ade6-m210 Δins1::kan^R*	Hughes et al., 2005
LJY1525	*h- leu1-32 ura4-D18 ade6-m210 Δsty1::ura4$^+$*	Bimbó et al., 2005
LJY1625	*h- leu1-32 ura4-D18 ade6-m210 Δssp2::ura4$^+$*	Bimbó et al., 2005
PEY849	*h+ Δamk2::kan^R leu1-32 ura4-D18 ade6-m210 or ade6-m216*	Bioneer Corporation
JBY608	*h- leu1-32 ura4-D18 his3-D1 ade6-m210 Δppa1::kan^R*	This study
JBY611	*h- leu1-32 ura4-D18 his3-D1 ade6-m210 Δppa2::kan^R*	This study
JBY613	*h- leu1-32 ura4-D18 his3-D1 ade6-m210 Δsds23::kan^R*	This study
JBY639	*h- leu1-32 ura4-D18 his3-D1 ade6-m210 Δppe1::nat^R*	This study

SUPPLEMENTAL FIGURE LEGENDS

 <u>Fig. S1.</u> Sty1 is not required for low-glucose Hmg1 phosphorylation. Wild-type and *sty1Δ* cells growing exponentially in YES medium were collected by centrifugation, resuspended in YES medium or glucose-free medium, and harvested after 30 min. Hmg1 immunoprecipitates were blotted using anti-Hmg1 IgG or Hmg1 phosphospecific antibodies.

 <u>Fig. S2.</u> Ppa1 and Ppa2 are not required for low-glucose Hmg1 phosphorylation. Wild-type, *ppa1Δ* and *ppa2Δ* cells growing exponentially in YES medium were harvested by centrifugation and then switched to glucose-free medium for 30 min. Cells were treated with glucose (30 g/L) for 5 min as indicated. Hmg1 immunoprecipitates were prepared and blotted using anti-Hmg1 IgG or Hmg1 phosphospecific antibodies.
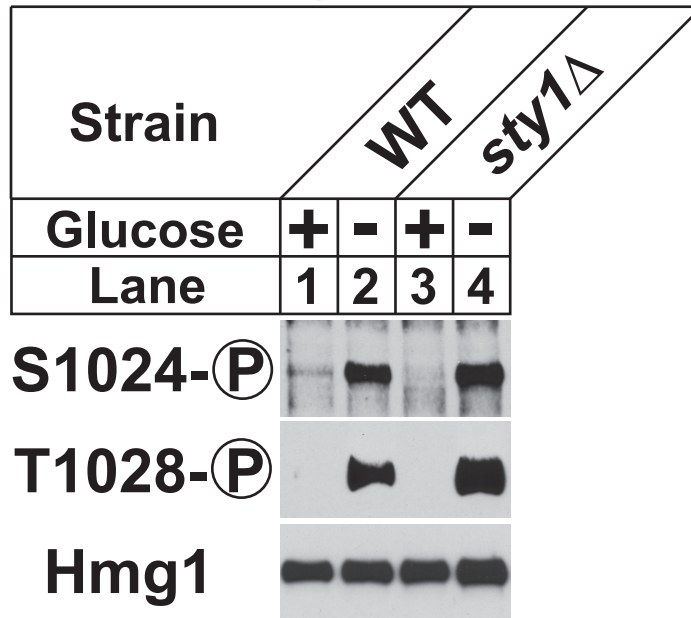
Figure S1

IP: anti-Hmg1

Strain	WT		sty1Δ	
Glucose	+	−	+	−
Lane	1	2	3	4
S1024-Ⓟ				
T1028-Ⓟ				
Hmg1				

Figure S2

IP: anti-Hmg1

Strain	WT		*ppa1Δ*		*ppa2Δ*	
Glucose	-	+	-	+	-	+
Lane	1	2	3	4	5	6

S1024-Ⓟ

T1028-Ⓟ

Hmg1