

**Table S3 Oligonucleotides used in this study**

Oligo #	Sequence	Name
oLP1965	CCA CTG GTG GTA GAG CCC CAA G	H3K14R sense
oLP1966	CTT GGG GCT CTA CCA CCA GTG G	H3K14R antisense
oLP1969	CAA TTA GCC TCC AGG GCT GCC AG	H3K23R sense
oLP1970	CTG GCA GCC CTG GAG GCT AAT TG	H3K23R antisense
oLP1985	CAA TTA GCC TCC GCG GCT GCC AG	H3K23A sense
oLP1986	CTG GCA GCC GCG GAG GCT AAT TG	H3K23A antisense

Supplemental Literature Cited

Ahn, S.H., W.L. Cheung, J.Y. Hsu, R.L. Diaz, M.M. Smith *et al.*, 2005 Sterile 20 kinase phosphorylates histone H2B at serine 10 during hydrogen peroxide-induced apoptosis in *S. cerevisiae*. *Cell* 120: 25-36.

Mrsa, V., F. Klebl, and W. Tanner, 1993 Purification and characterization of the *Saccharomyces cerevisiae* *BGL2* gene product, a cell wall endo-beta-1,3-glucanase. *J. Bacteriol.* 175: 2102-2106.

Ragni, E., T. Fontaine, C. Gissi, J.P. Latge, and L. Popolo, 2007 The Gas family of proteins in *Saccharomyces cerevisiae*: characterization and evolutionary analysis. *Yeast* 24: 297-308.