



**Figure S7** Total levels of acetylated H4K16 in *CSE4* and *cse4-1* strains overexpressing *ESA1* are similar. Western blotting was performed with whole cell protein extracts of *CSE4* (YMB6955) and *cse4-1* (YMB6917) strains carrying vector alone (-) lanes 1 and 3 or *Gal-ESA1* (+) lanes 2 and 4 grown in SC-URA with 2% galactose and 2% raffinose. Anti-acetylated H4K16 and anti-pan H4 antibodies were used to detect acetylated H4K16 (top) or total H4 (modified and unmodified) (bottom). Protein extract from H4K16R (lane 5) was used as a control to show that the anti-acetylated H4K16 antibody recognizes the acetylated form of H4K16. Protein extracts were prepared as described in (Kushnirov, V. V., 2000 Rapid and reliable protein extraction from 11 yeast. *Yeast* 16: 857-860)