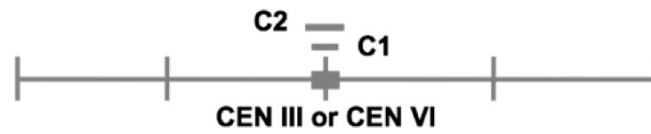


A



B

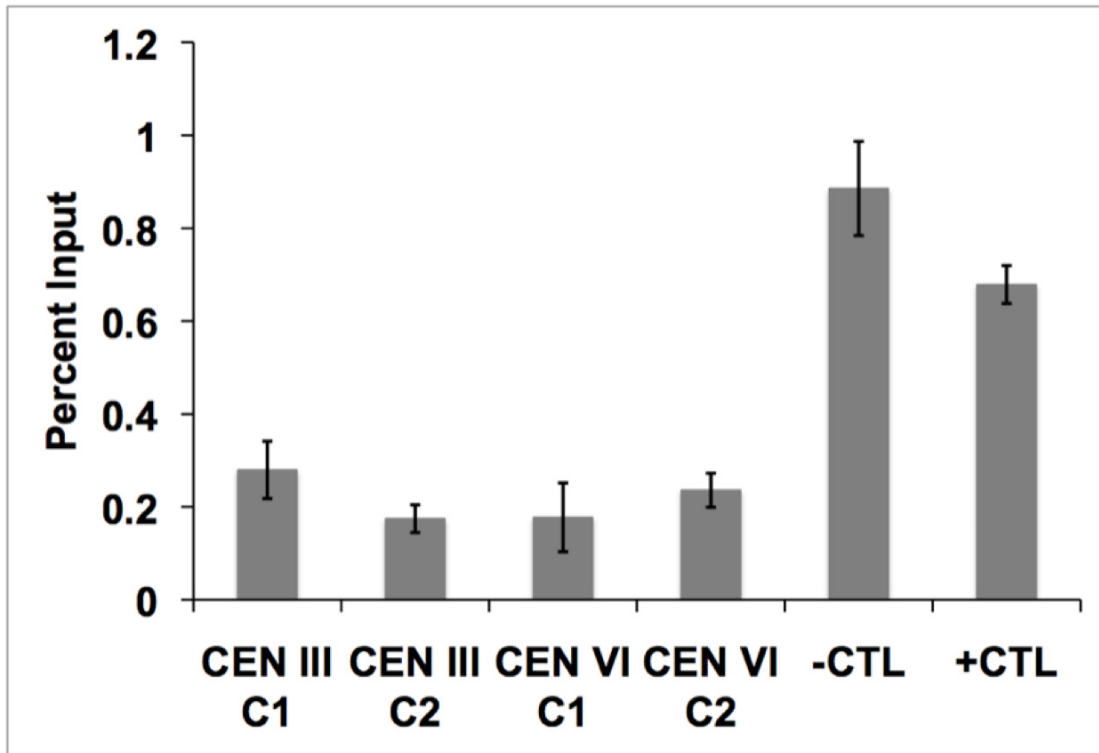


Figure S2 Differences in Chromatin immunoprecipitation (ChIP) efficiencies for pan-H4 between centromeric and non-centromeric regions. ChIP experiments were performed with asynchronously grown wild type strains (YMB6955). (A) Diagram of CEN (C1-2) on chromosome III or VI analyzed by ChIP. Solid square represents the CEN sequence and each vertical line denotes 500bp increments. (B) ChIP with antibodies to pan H4 (H4P) that recognizes modified and unmodified forms of H4 for the indicated regions (centromeric - C1-2), non-centromeric regions, HML – region that contains hypoacetylated H4K16 (-CTL), and *ARE1* – region that contains hyperacetylated H4K16 (+CTL). Bar graphs show mean percent input for three biological replicates, with error bars showing standard error of the mean.