



Figure S5 Regions that overlap with *DEG1* and *LOC1* have higher levels of H4K16Ac compared to the centromere. ChIP experiments were performed with asynchronously grown wild type strains expressing (YMB6955). (A) Diagram of CEN VI (C2) and flanking regions that overlap with *DEG1* (L1-3) and *LOC1* (R1-3) present on chromosome VI analyzed by ChIP. Solid square represents the CEN VI sequence and each vertical line from chromosomal coordinate 147,500 to 149,500 denotes 500bp increments. Grey arrows represent *DEG1* and *LOC1* genes upstream and downstream of CEN VI, respectively. (B and C) ChIP to measure the levels of acetylated H4K16 (H4K16Ac) with antibodies to H4K16Ac. HML (-CTL) serves as a hypoacetylated H4 controls. ChIP for total H4 was performed with antibodies to pan H4 (H4P) that recognize modified and unmodified forms. Bar graphs show fold enrichment for H4K16Ac normalized to total H4. B and C are two biological replicates.