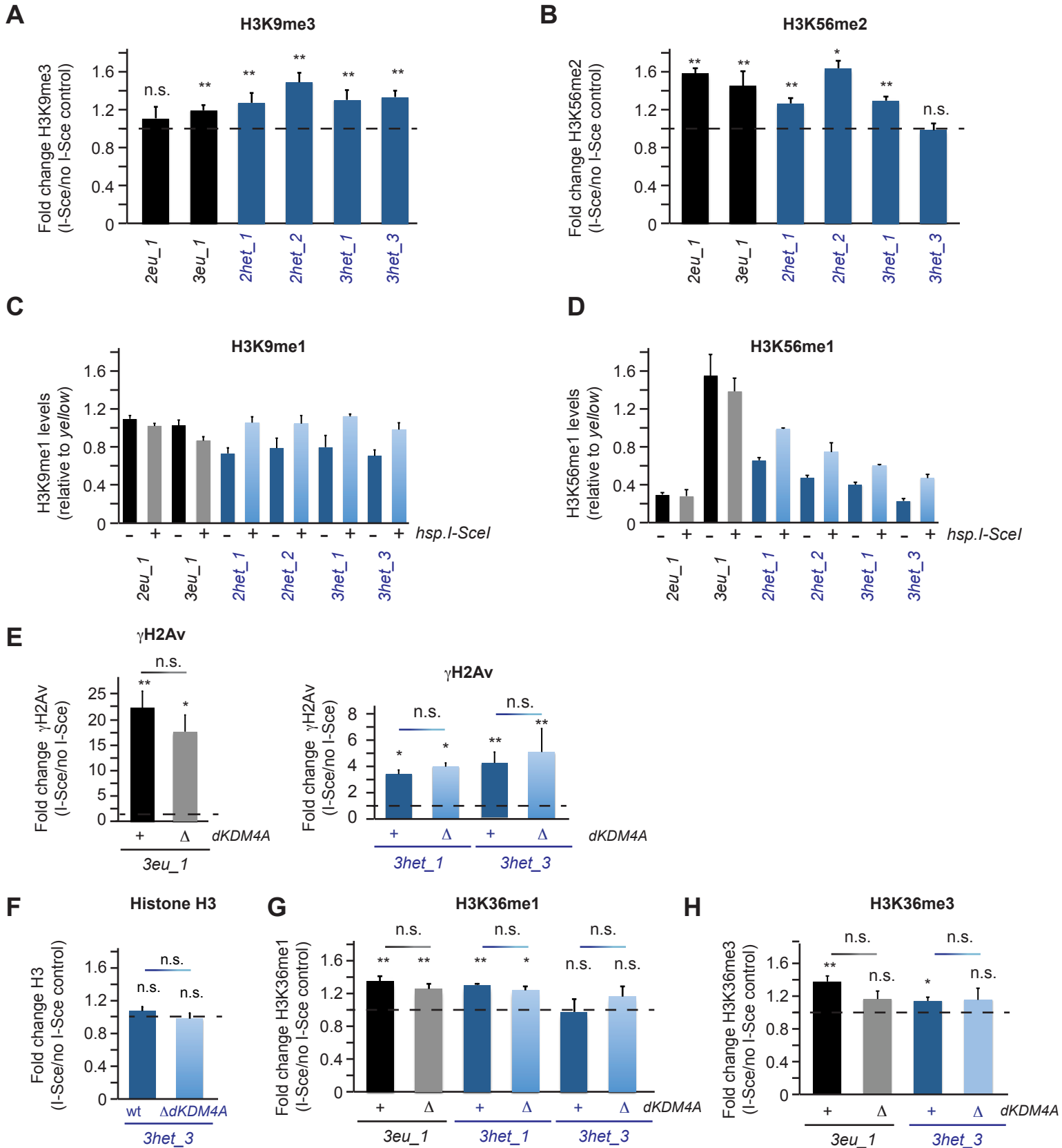


Supplemental figure 1



Supplemental figure 1.

A-B, E-H) Chromatin was prepared from 3rd instar larvae with indicated DR-*white* genotypes, harvested 6-9 hours after heatshock with or without *hsp.I-SceI* expression, and subjected to ChIP-qPCR using indicated antibodies. Relative enrichment over input was calculated for each ChIP sample. Fold change is plotted for ChIP levels of *hsp.I-SceI* expressing larvae relative to ChIP levels of control heat shocked larvae (same genotype, but without I-SceI expression) as described in Fig. 1B. n.s. = p-value \geq 0.05, * = p-value < 0.05, ** = p-value < 0.01 (t-test, unpaired). Averages are shown for $n \geq 3$ samples/condition + SEM. Dotted line indicates 'no change' in the level of the respective mark between samples with and without a DSB. C, D) Chromatin was prepared from 3rd instar larvae with indicated DR-*white* insertion sites and harvested 6-9 hours after heatshock with (+) or without (-) *hsp.I-SceI* expression and was subjected to ChIP-qPCR using H3K9me1 (C) or H3K56me1 (D) antibodies. The relative enrichment over *yellow* gene (internal positive control) is shown for one representative experiment. $n = 3$ technical replicates + SD.