

# GENETICS

**Supporting Information**

<http://www.genetics.org/cgi/content/full/genetics.109.102053/DC1>

**Drosophila ISWI Regulates the Association of Histone H1 with  
Interphase Chromosomes *in Vivo***

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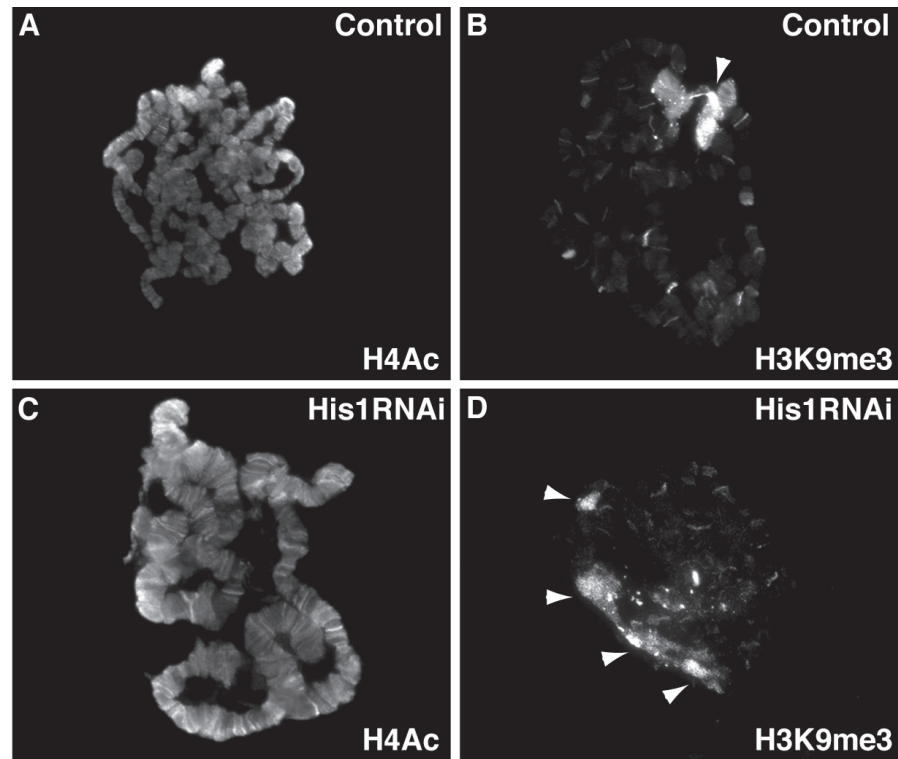


FIGURE S1.—Histone H1 does not affect H4 acetylation or H3K9 methylation. (A-D) Polytene chromosomes were dissected from larval salivary glands and fixed with 6mM  $MgCl_2$ /1% citric acid/ 1% TritonX-100. (A, C) Chromosomes were stained with an antibody recognizing tetra-acetylated histone H4. Levels of H4 acetylation are comparable in *da-GAL4/+* (A) and *P[w+, UAS-his1-dsRNA-8-4]/+; da-GAL4/+* (C) chromosomes. (B, D) Chromosomes were stained with an antibody recognizing H3K9me3. Levels of H3K9me3 are comparable in *da-GAL4/+* (B) and *P[w+, UAS-His1-dsRNA-8-4]/+; da-GAL4/+* (D) chromosomes. Arrowheads indicate the chromocenter. The images were captured with comparable exposure times.