

Supplementary Data for

HP1a, Su(var)3-9, SETDB1 and POF stimulate or repress gene expression depending on genomic position, gene length and expression pattern in *Drosophila melanogaster*

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Supplementary Figure S1

LEGENDS SUPPLEMENTARY DATA

Supplementary Figure 1. Mean expression ratio for probe sets that are undefined in the Affymetrix expression array (“undefined probe sets”) and all probe sets that have defined gene names (“genes”) in an *HP1a* mutant, for all probe sets with a gene length (distance between transcriptional start and stop site) shorter than 0.5 kb (**A**), and for all genes (**B**). $n=93$ for “undefined probe sets <0.5 kb”, $n=314$ for “genes <0.5kb”, $n=521$ for “all undefined probe sets” and $n=9065$ for “all genes”. Both y-axis values are on a \log_2 scale. Squares indicate mean values (on a \log_2 scale) and whiskers indicate the 95% confidence intervals.

