

Supplemental Fig. S6. Differences in DHM_{d-u} between the dosage sensitive (DS) and dosage insensitive (DI) ortholog sets after controlling for bias in the default histone modification status of the two groups (see Supplemental Fig. S9) in **(A)** mouse, **(B)** fly, and **(C)** worm. If the box on the top of each compared distribution is checked, the observed pattern of histone marks is consistent with *Predicted Patterns III*. All of the histone marks, except H3K9ac at “TSS-1000 to TSS” in worm, followed *Predicted Pattern III* after controlling for the default histone modification status. Only histone modifications found to be related to mRNA dosage maintenance were investigated and presented. *P*-values were determined with the Mann-Whitney *U*-test.

