



**Supplemental Figure S14. Comparisons of H4K16ac enrichment levels on the X chromosome.** Comparison of H4K16ac enrichment levels on genic regions of the X chromosome between males (actual levels; see figure 6B) and females (using half of the reads mapping to input) for liver (A) and brain (B). Mann-Whitney  $U$  test with FDR correction. \*\*\*\*:  $P \leq 10^{-5}$ ; n.s.:  $P > 0.05$ . F=Female M=Male.