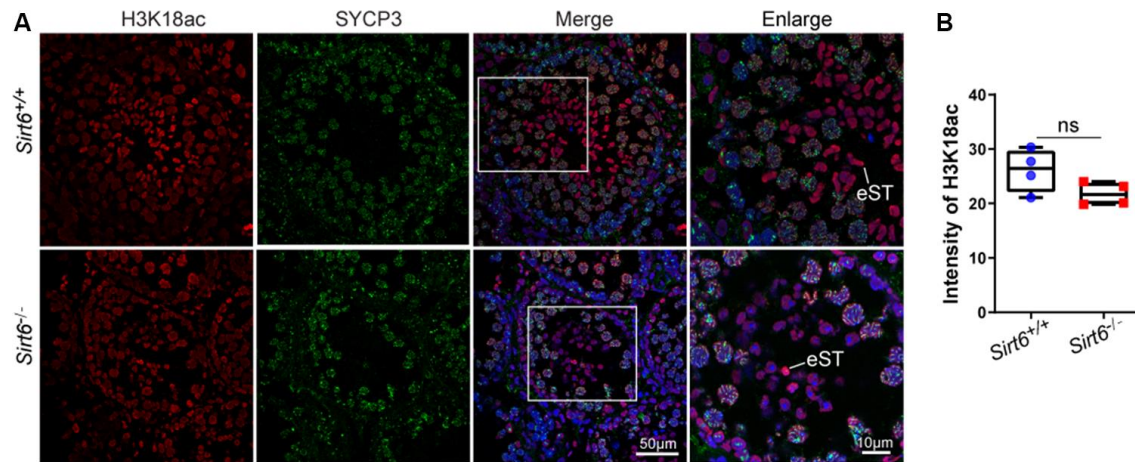


SUPPLEMENTARY FIGURE



Supplementary Figure 1. The role of Sirt6 in spermatogenesis is independent of H3K18ac. (A) Localization of H3K18ac in *Sirt6*^{+/+} and *Sirt6*^{-/-} seminiferous tubules. Testes sections of *Sirt6*^{+/+} and *Sirt6*^{-/-} stained with SYCP3 (green) and H3K18ac (red) antibodies. 8-week mice, n=4. (B) Quantification of H3K18ac intensity of elongated spermatids in the *Sirt6*^{+/+} and *Sirt6*^{-/-} mice. *Sirt6*^{+/+}, 26.09±3.95; *Sirt6*^{-/-}, 21.79±2.12. 8-week mice, n=4; 200 cells were used for each group. Data are presented as mean ± SEM.