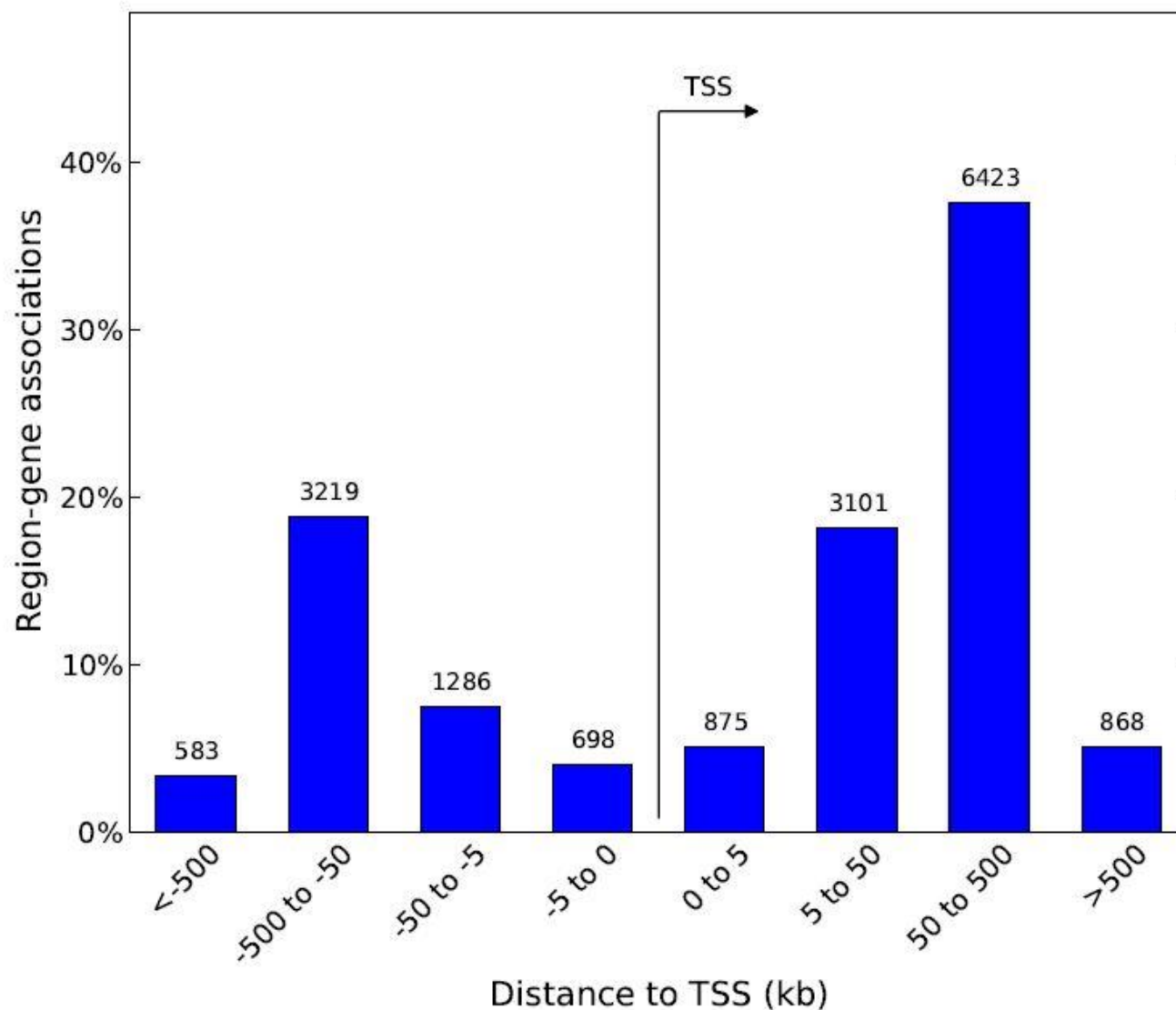
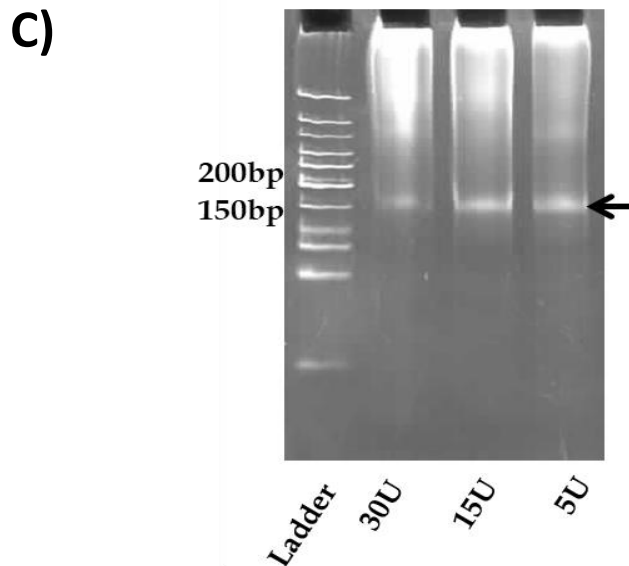


# FIGURE S1

Number of enriched regions observed Upstream and Downstream to TSS



## Chromatin Immunoprecipitation of TH2B from sperm



**Fig.S1:** The pairwise sequence alignment of TH2B with somatic H2B. The red box represents the N terminal of proteins where both protein s differs from each other majorly (A). Western blot analysis showing TH2B present only in rat caudal sperm but not in any other somatic tissue(B). Agarose gel picture showing sperm DNA digested with different MNase concentrations. The black arrow indicates mononucleosomal DNA band (C).