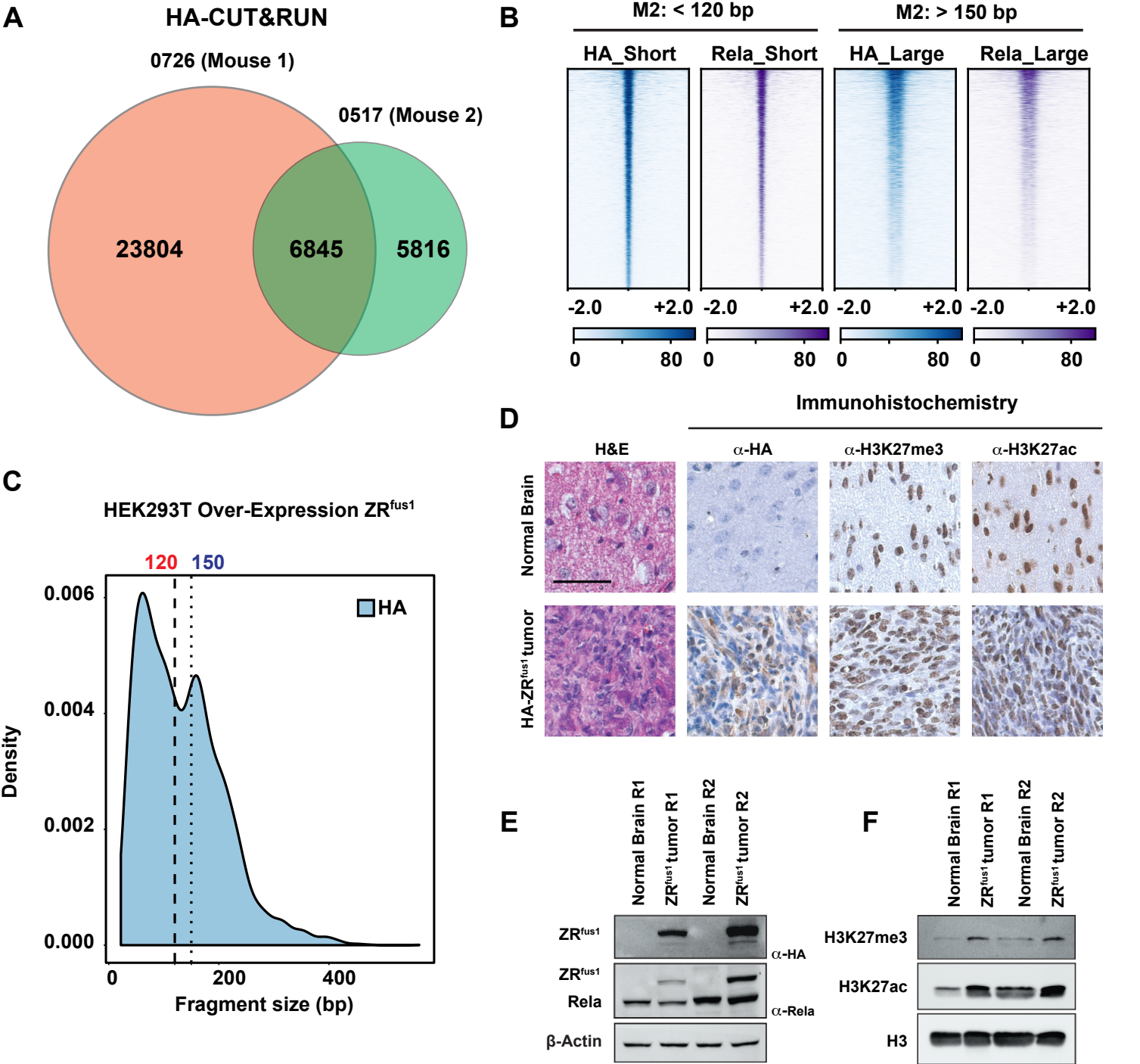


Supplementary Figure S2



Supplementary Figure S2

(A) Venn diagram overlap of HA CUT&RUN binding sites of two independent IUE ZR^{fus1} mouse tumors (0726 and 0517) (B) HA CUT&RUN binding sites divided into small sub-nucleosomal (< 120bp) and nucleosomal (>150bp) fragments (C) Histogram of fragment distribution in HA CUT&RUN of HEK293T cells over-expressing ZR^{fus1} (D) H&E staining and immunohistochemistry of normal brain and ZR^{fus1} IUE tumors by HA, H3K27me3, and H3K27ac antibodies (E) Western blot analysis of mouse normal brain and mouse ZR^{fus1} tumor tissue using antibodies against HA, Rela, and Actb (F) Western blot analysis of histone fractions in mouse normal brain and mouse ZR^{fus1} tumor tissue using antibodies against H3K27me3, H3K27ac, and H3.