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.