**Figure 1:**

**A** and **C:** Representative images of brain tissue sections stained with TUNEL, Cas3, FBDP, and AIF at 4h and 24h, respectively. The images show the staining patterns in both wild-type (Wt) and mutant (Hq) conditions. Scale bar = 100µm.

**B and D:** Graphs comparing the number of positive cells per GCL (Granule Cell Layer) in TUNEL, Cas3, FBDP, and AIF staining. The y-axis represents the number of positive cells, and the x-axis represents the staining types. The black bars indicate wild-type (Wt), while the white bars indicate mutant (Hq) conditions. Significant differences are indicated by asterisks (* for p < 0.05, ** for p < 0.001).