**A**

Diagram showing the genetic modification of hAPP751 with HindIII enzymes and the expression of Ab.

**B**

Images of brain sections at different ages (1 week, 3 months, 6 months, 13 months) showing variations in tissue appearance.

**C**

Image showing fluorescent labeling of brain regions and a scale bar of 30 um.

**D**

Image of a brain section showing a close-up view of a specific area.

**E**

Sections showing the distribution of cholinergic, glutamatergic, and GABAergic neurons.

**F**

Images of WT and TG mice at 6 and 13 months, showing differences in neuronal density and distribution.

**G**

Graph depicting learning deficits (3 mo) with latency in seconds varying from 0 to 125 over the course of training days 1 to 5. Symbols indicate statistical significance with wt, +/- tg, and +/-+ tg conditions.

Scale bar: 30 um