

Fig. S10

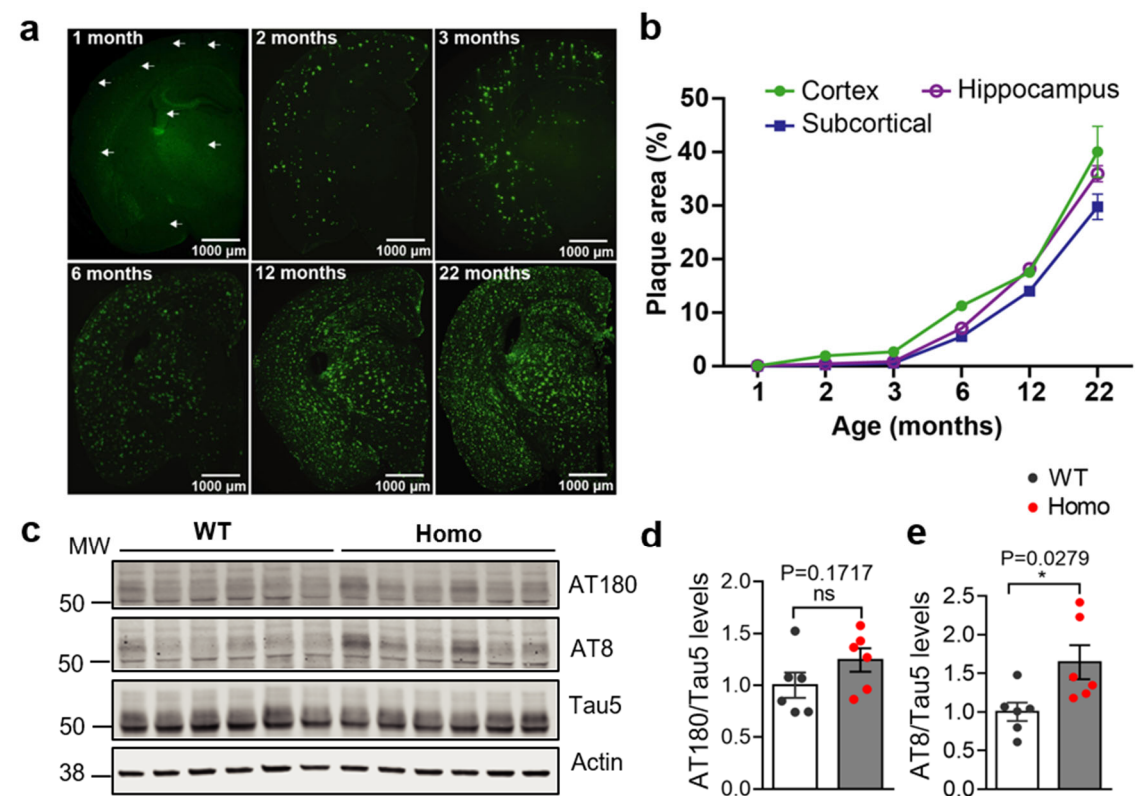


Fig. S10 A β pathology, tau phosphorylation in *App*^{NL-G-F} mice.

a, A β deposition in *App*^{NL-G-F} mouse brains. Brain sections from different ages of homozygous *App*^{NL-G-F} mice were stained with an antibody specific for A β plaques and images were captured with a Nikon fluorescence microscope. Arrows in the “1-month” figure indicate representative plaques. Scale bars: 1000 μ m. **b**, Quantification of the plaque areas for different brain regions is shown in (a). n = 3 mice for each time point. **c-e**, Tau phosphorylation examined in *App*^{NL-G-F} mice. (c) Cortical lysates from 12-month-old WT and Homo mice were immunoblotted with antibodies against phosphorylated tau at residue S202/T205 (AT8), T231 (AT180). Total tau protein and actin were used as loading controls. The levels of tau phosphorylation, quantified by densitometry and expressed as AT8/Tau5 and AT180/Tau5, are shown in the right (d, e). No significant difference was found between the two genotypes.