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Removing endogenous tau does not prevent tau propagation yet reduces its neurotoxicity

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Figure 1

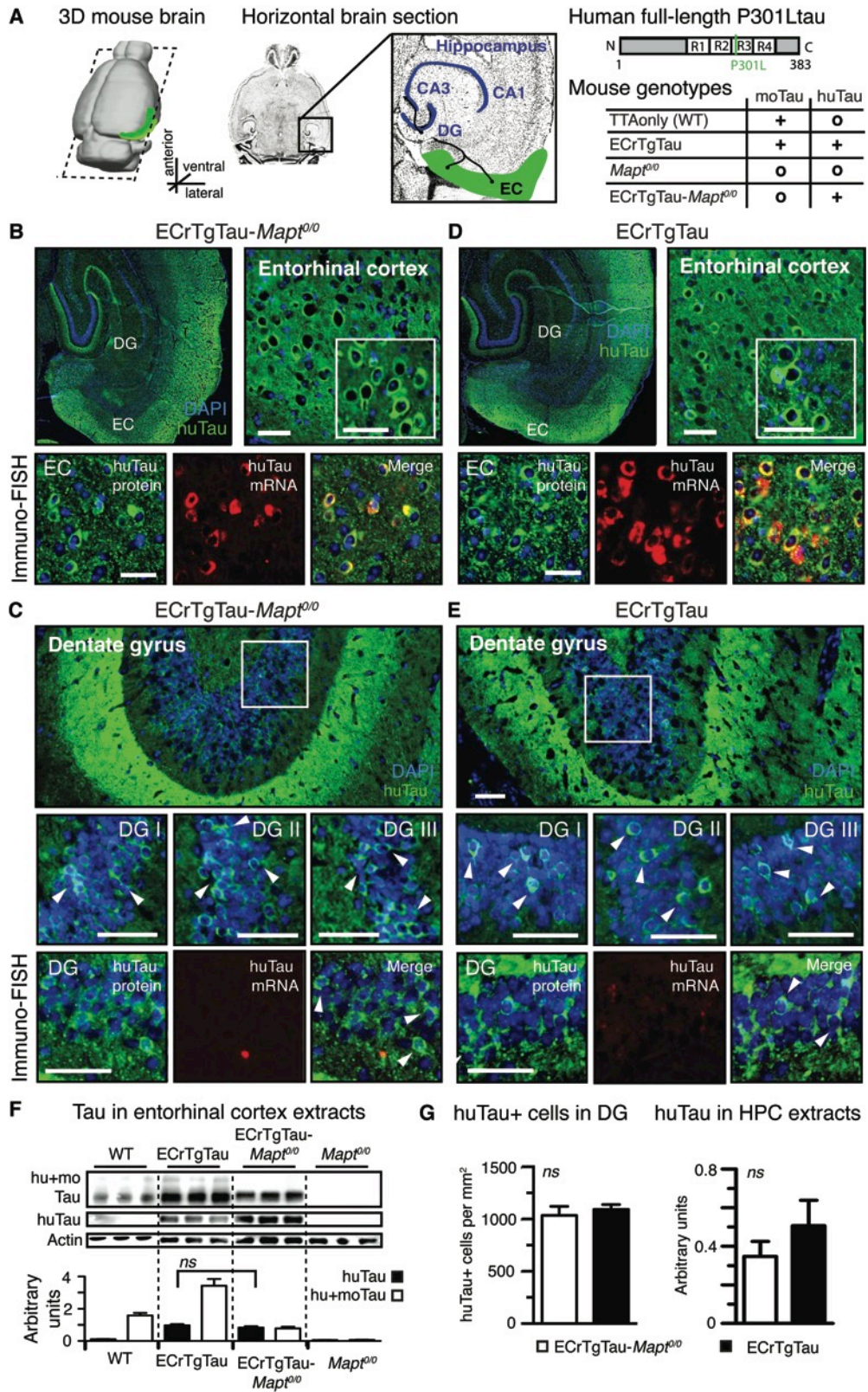


Figure 2

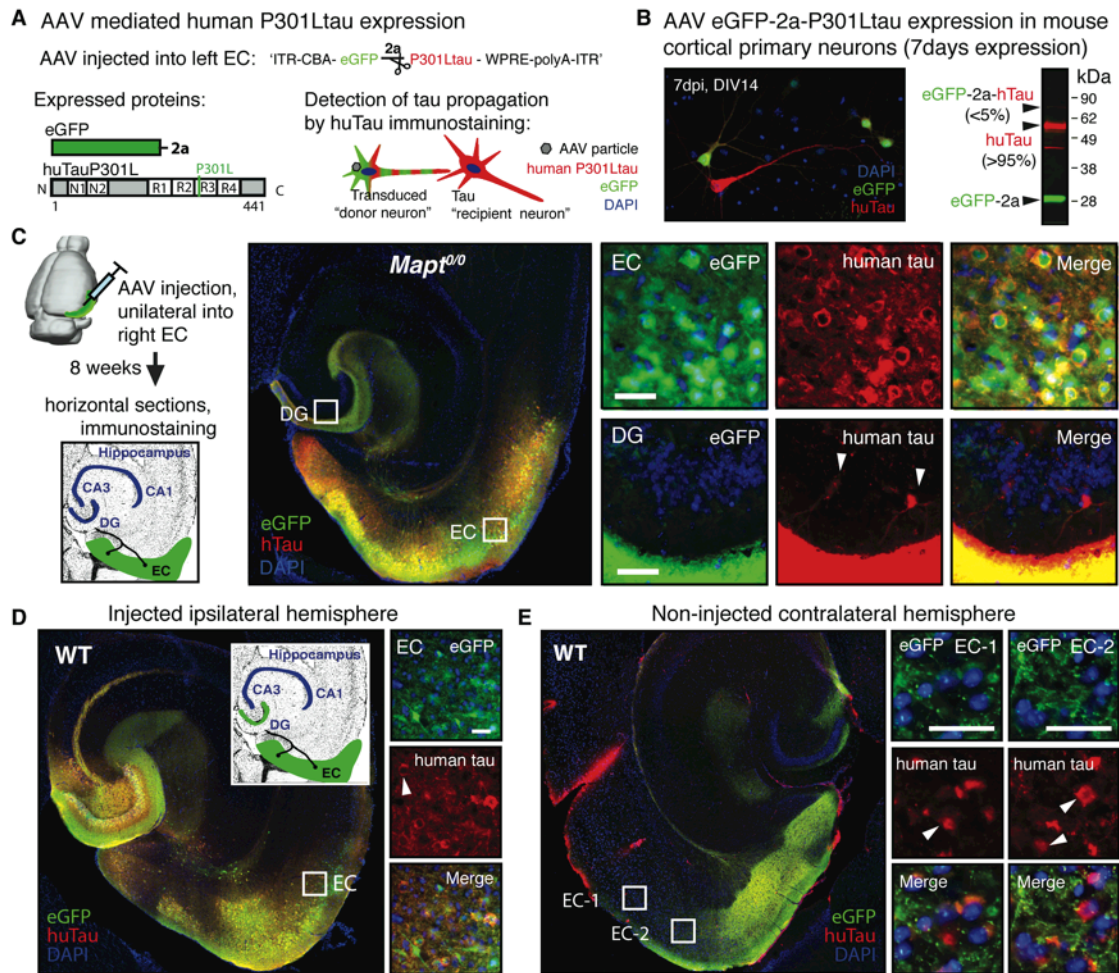
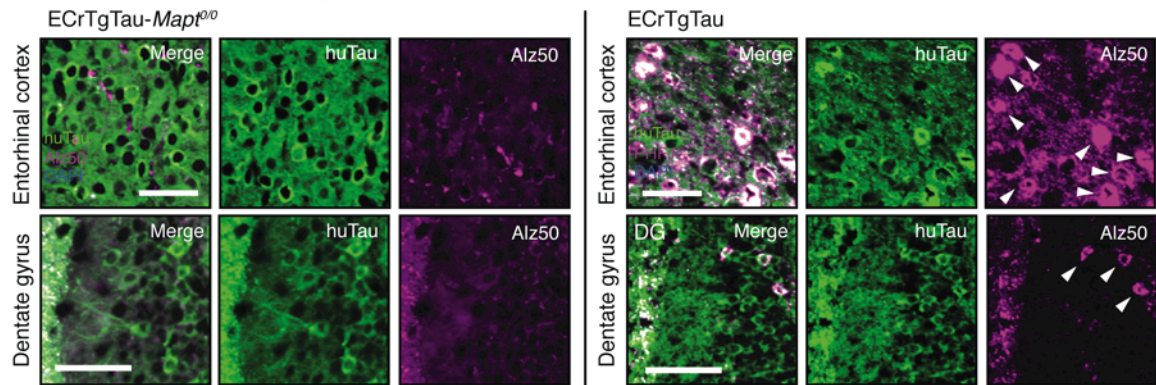
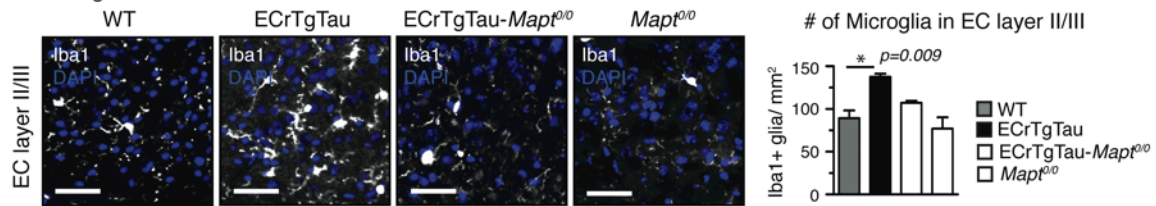


Figure 3

A Misfolded (Alz50) tau in ECrTgTau (*-Mapt^{0/0}*) mice



B Microglia in entorhinal cortex



C Astrocytes in hippocampus

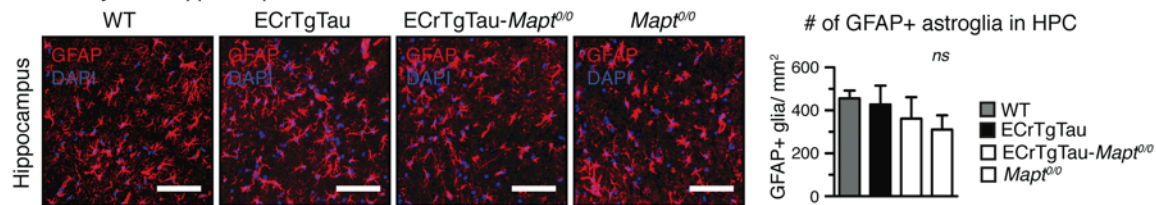


Figure 4

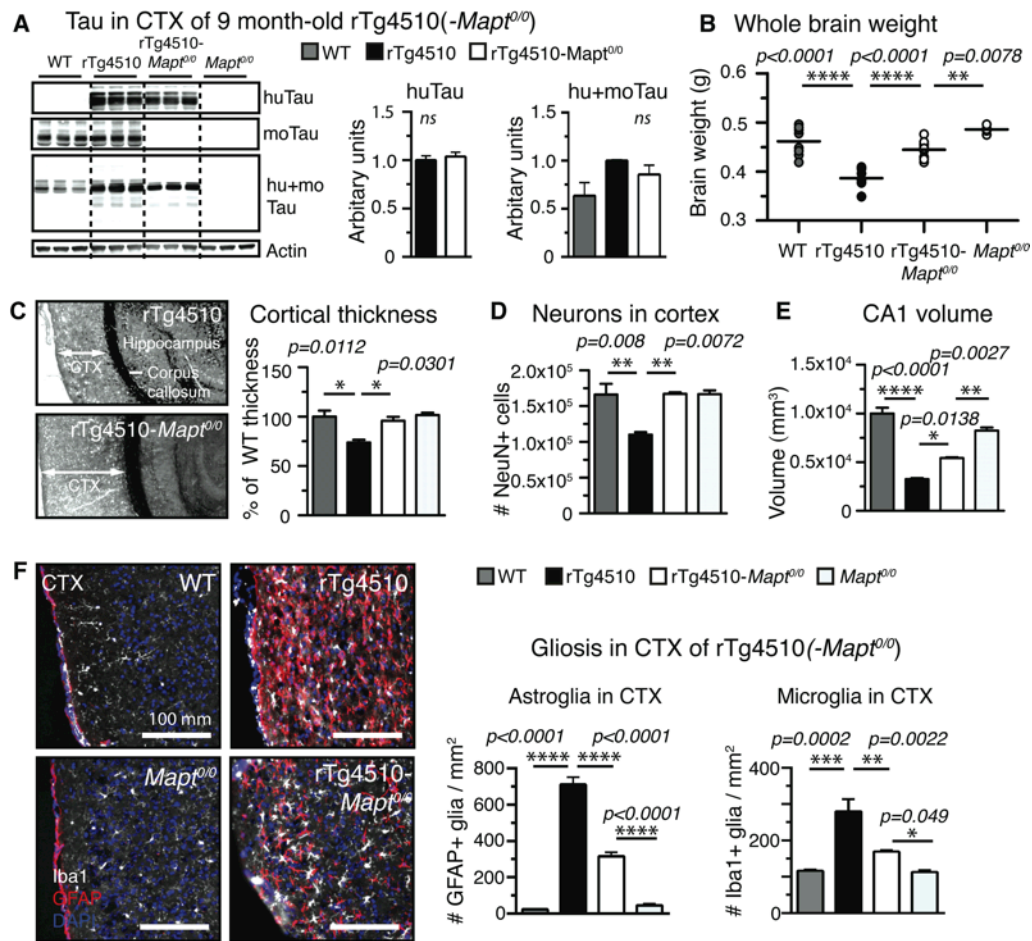


Figure 5

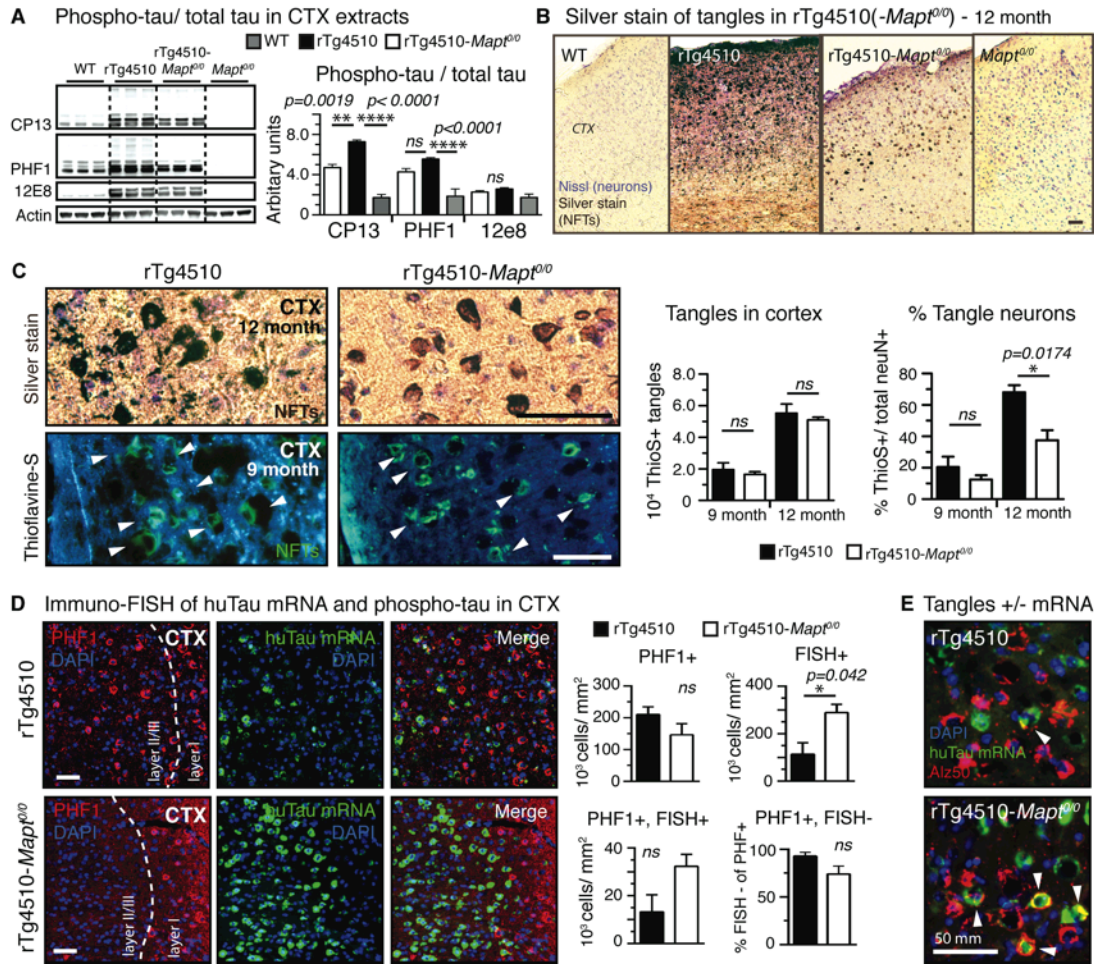
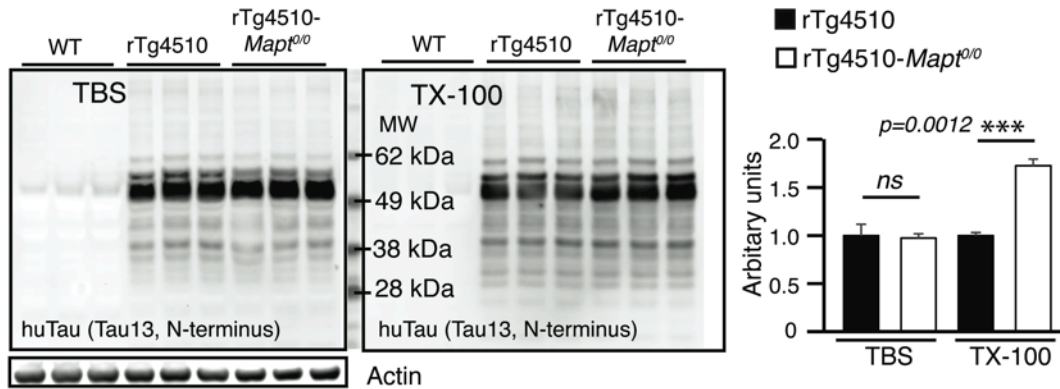
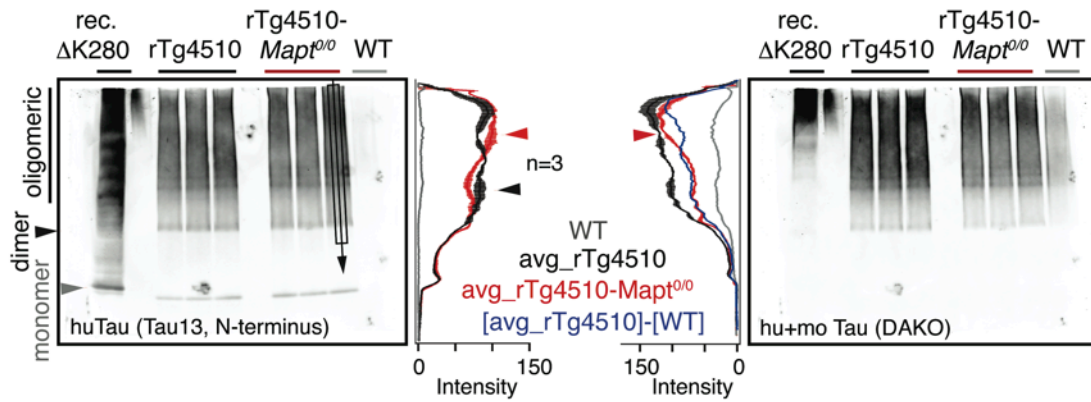


Figure 6

A Detergent extraction of rTg4510 (-*Mapt*^{0/0}) cortices



B Native PAGE of oligomeric tau in rTg4510(-*Mapt*^{0/0}) TBS brain extracts



C HEK293 CFP/YFP-tau seeding assay of rTg4510(-*Mapt*^{0/0}) TBS brain extracts

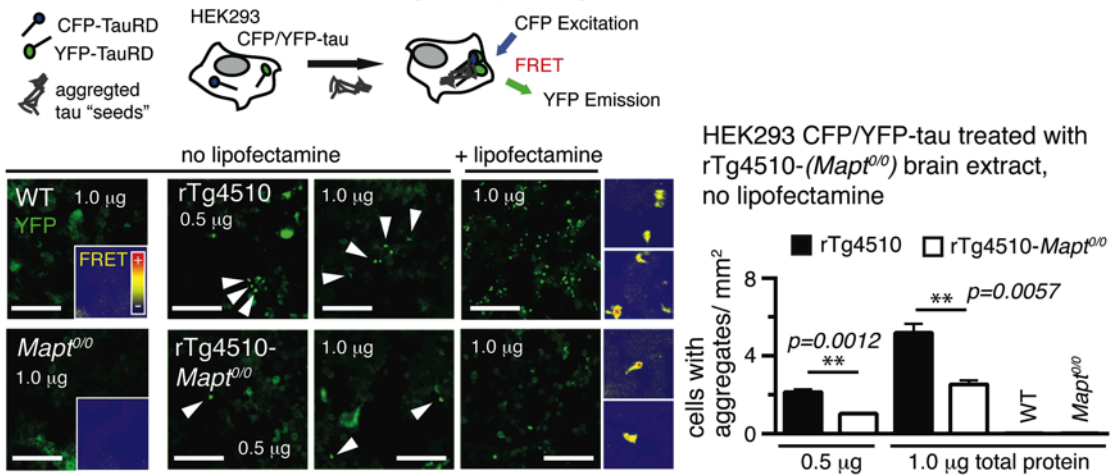


Figure EV1

Genotype verification through qPCR

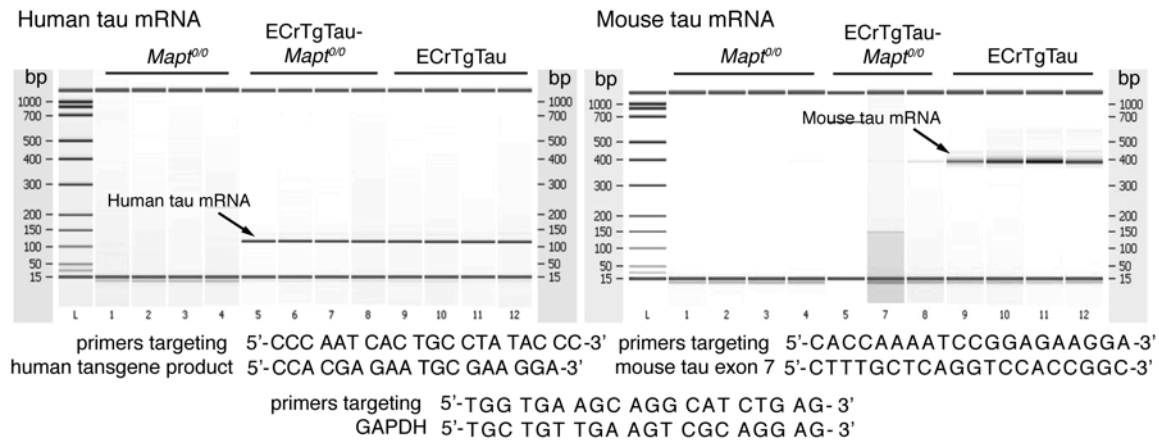
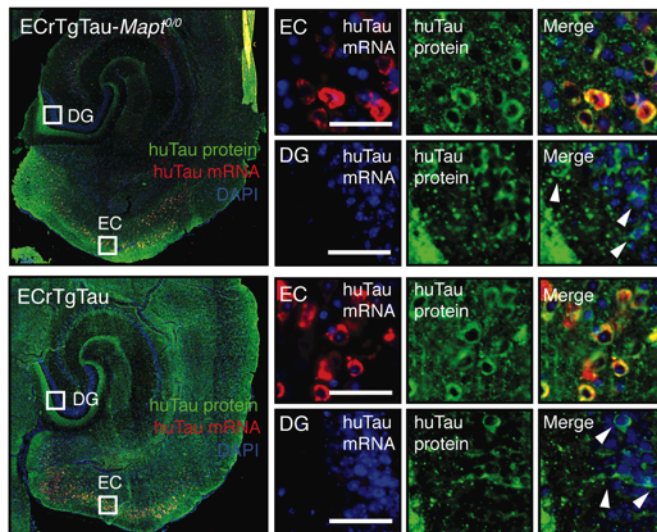


Figure Ev2

A Immuno-FISH of huTau mRNA and protein in ECrTgTau mice



B Tau in hippocampal extracts

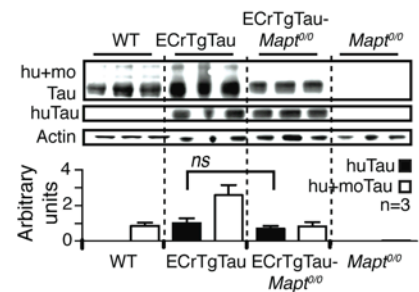
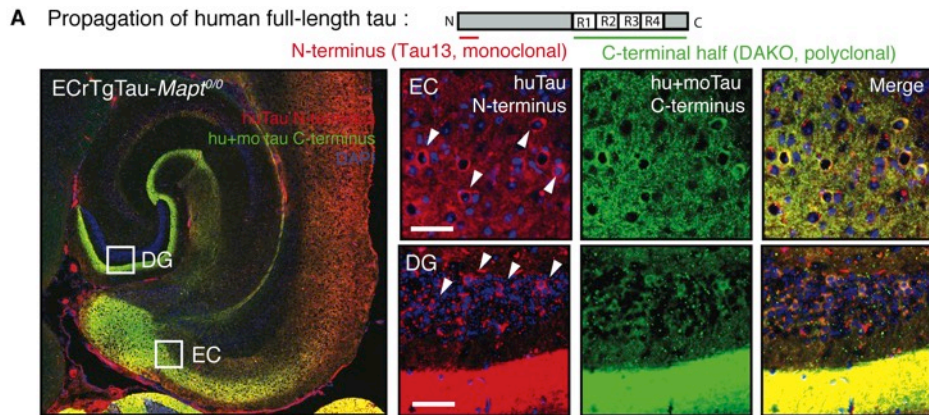
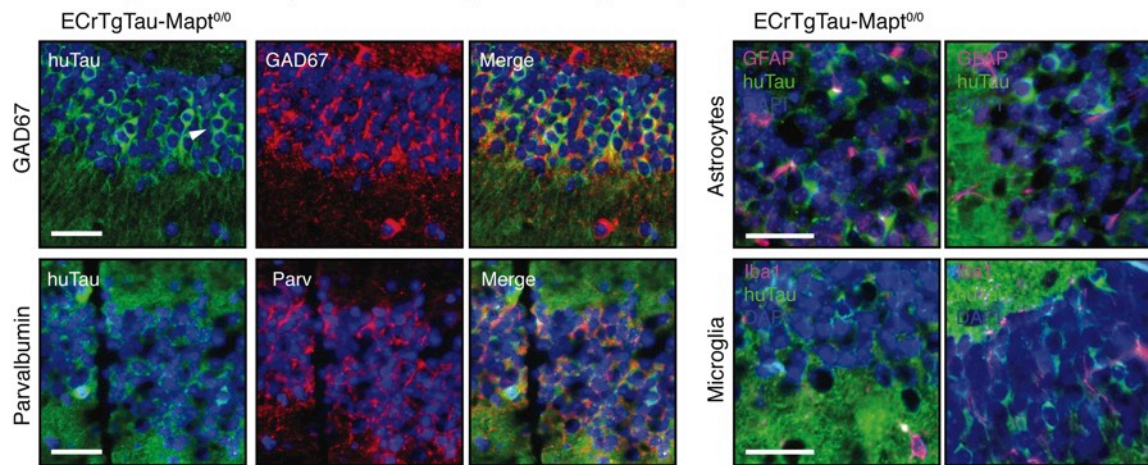


Figure EV3



B GABA-ergic neurons and glia in the dentate gyrus of *ECrTgTau-Mapt^{0/0}* mice



C GABA-ergic neurons and glia in the dentate gyrus of *ECrTgTau* mice

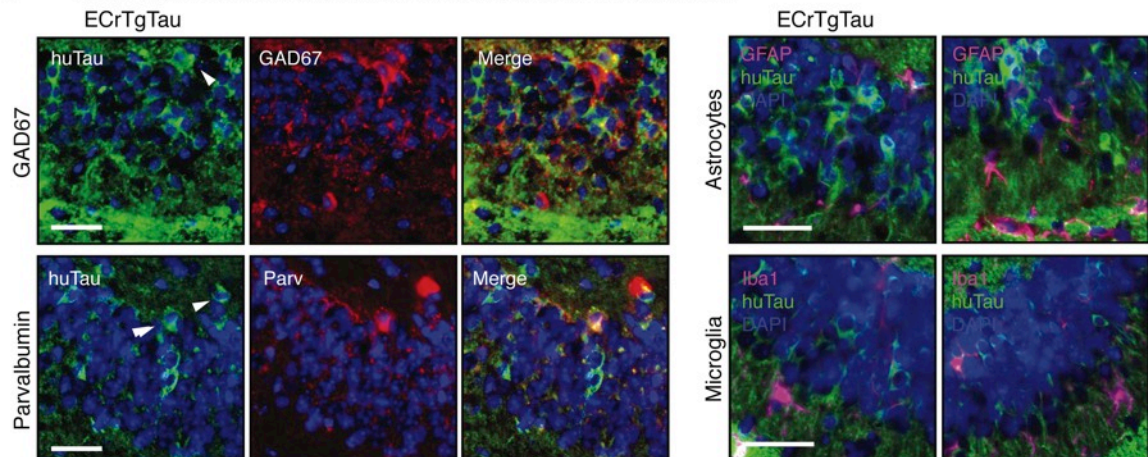
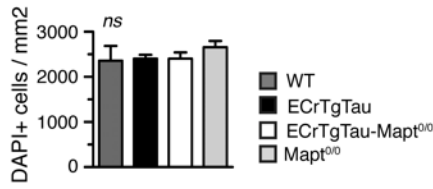


Figure EV4

A DAPI count in EC layer II/III



B Synapsin-1 in EC

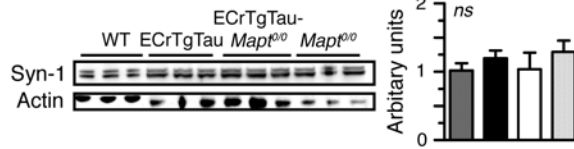
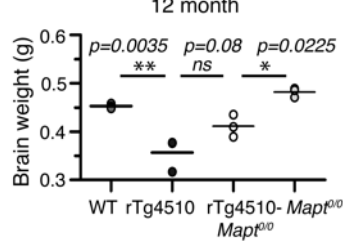
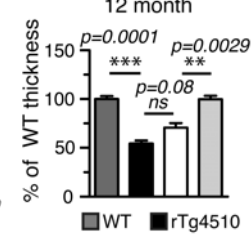


Figure EV5

A Whole brain weight 12 month



B Cortical thickness 12 month



C Neurons in cortex 12 month

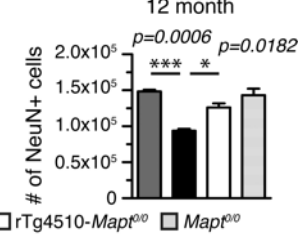


Figure EV6

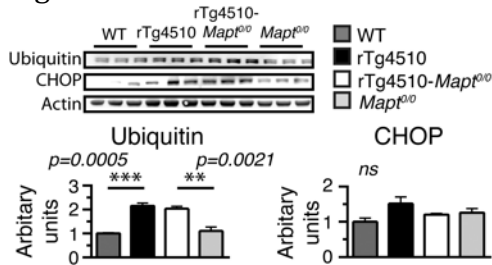
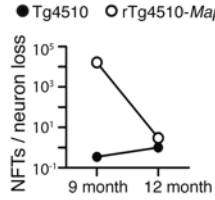
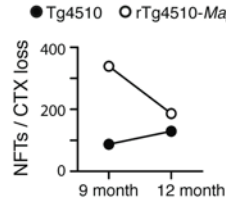


Figure EV7

A Tangles vs. neuron loss



B Tangles vs. CTX thinning



C Immuno-FISH of huTau mRNA and protein in rTg4510(-Mapt^{0/0}) - 9 month

