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Fig. 1

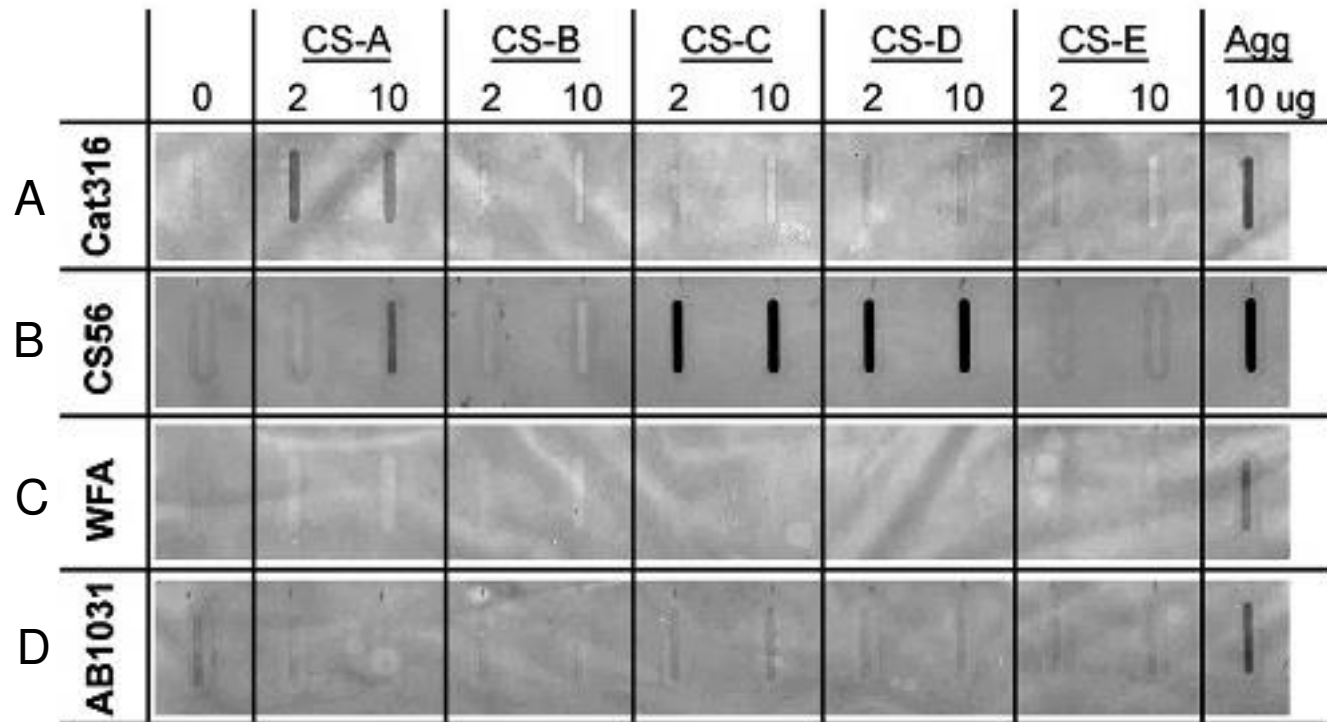


Fig. 2

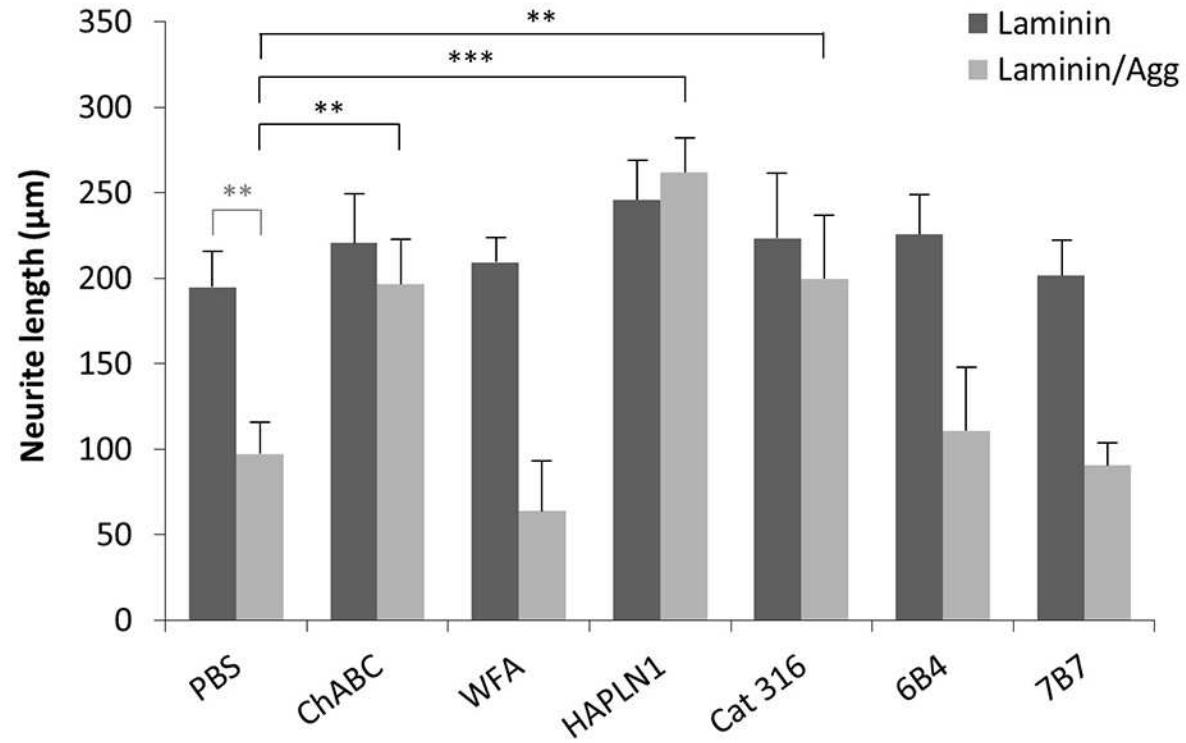


Fig. 3

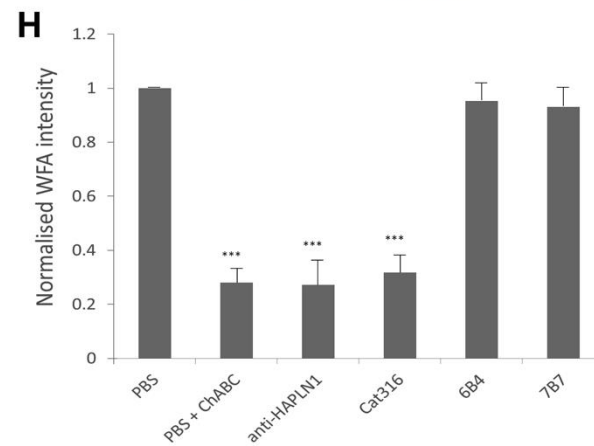
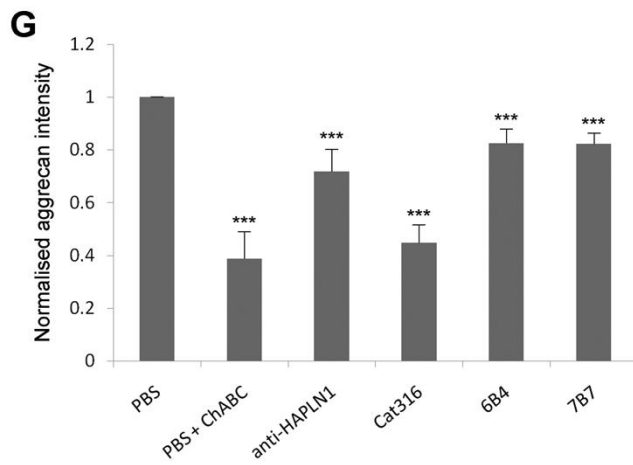
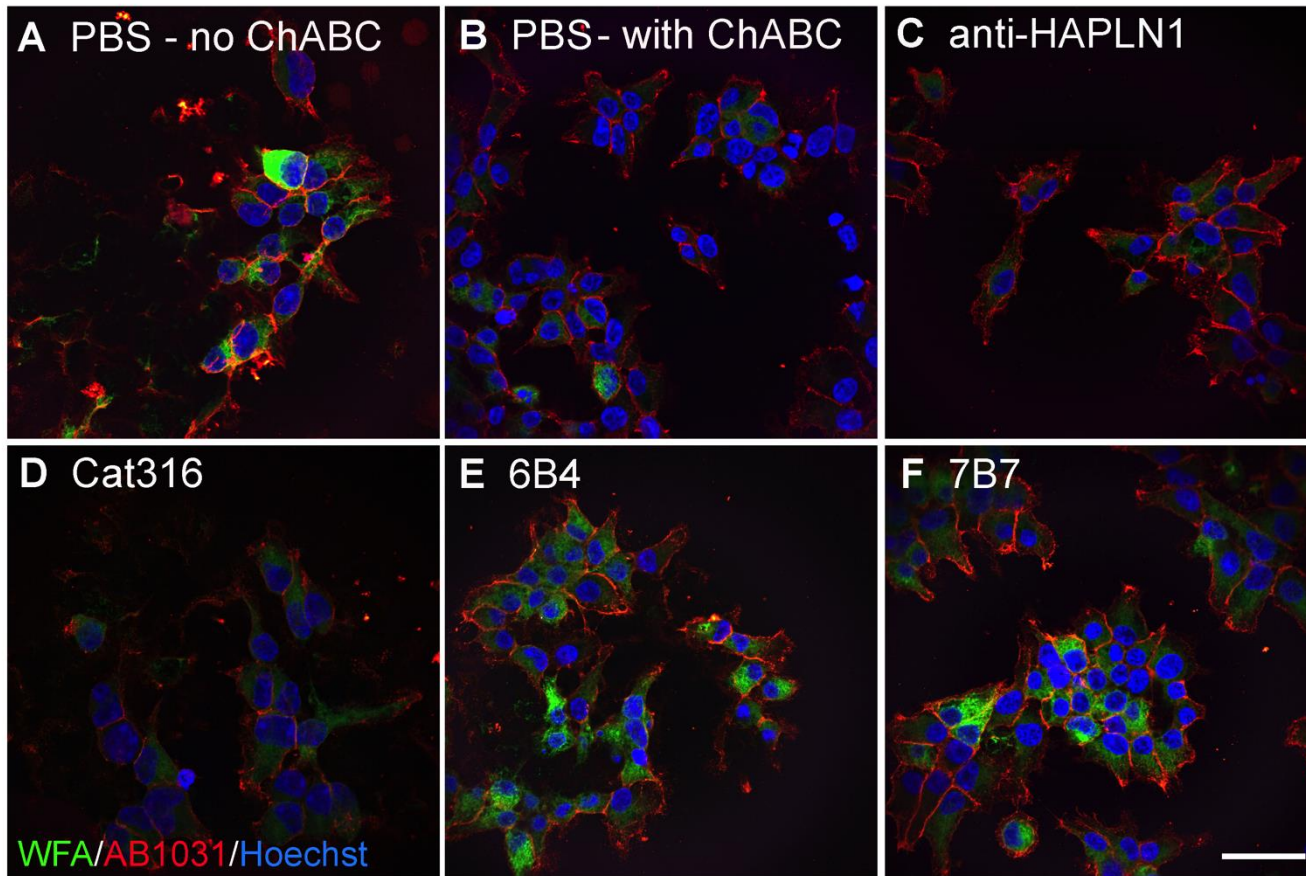


Fig. 4

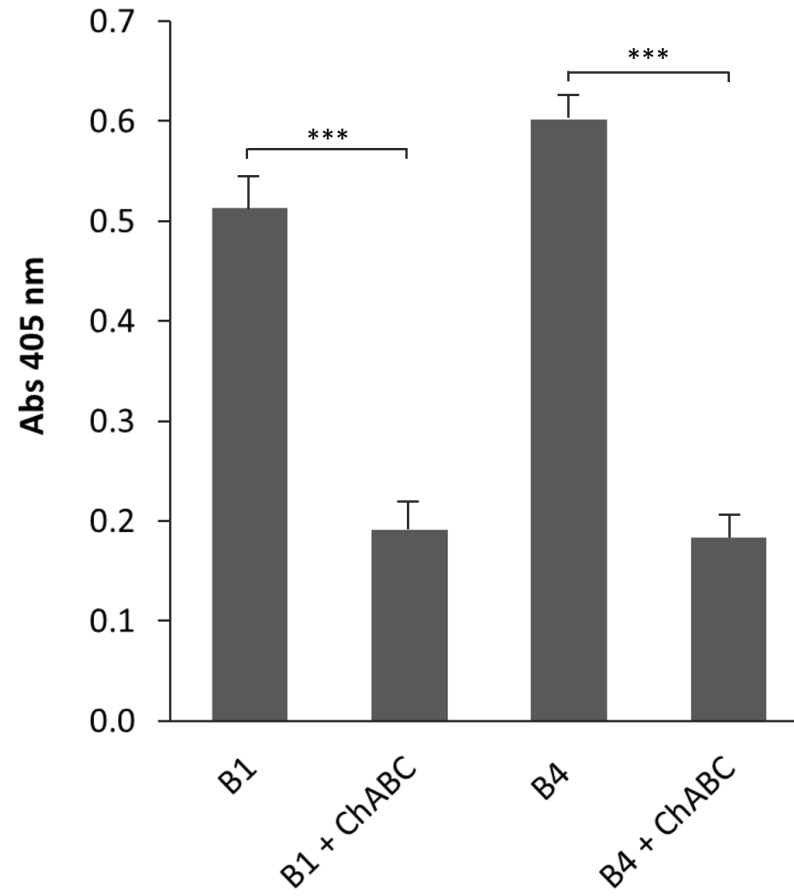


Fig. 5

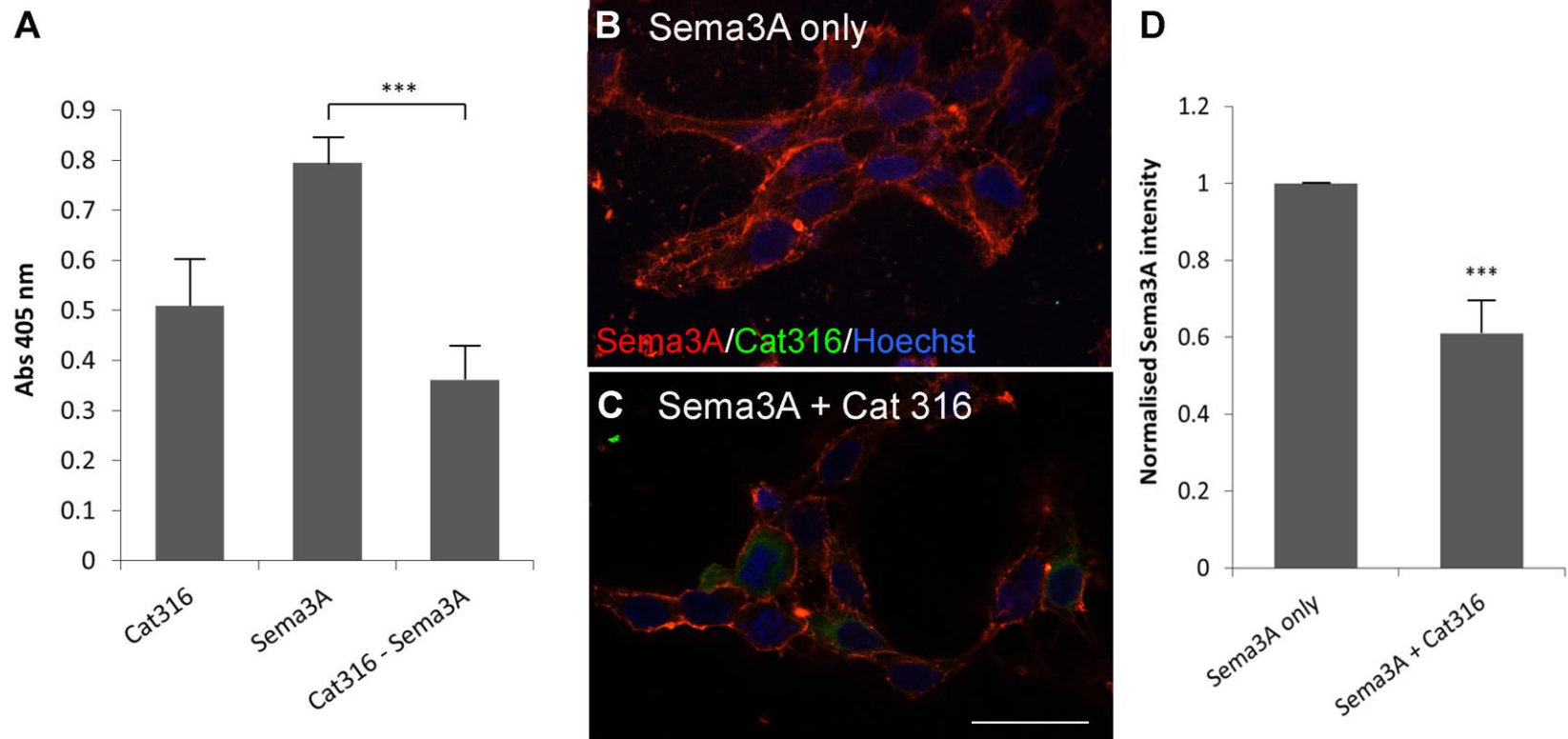
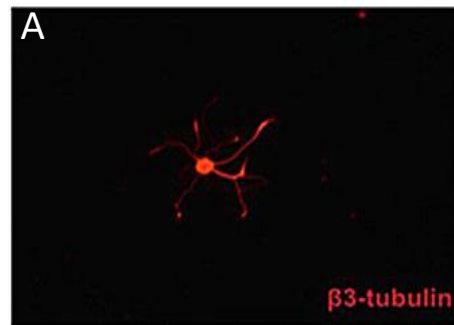
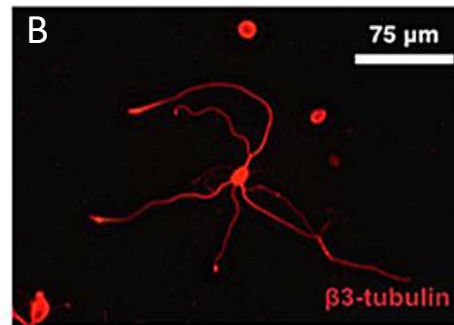


Fig. 6



- Cat-316



+ Cat-316

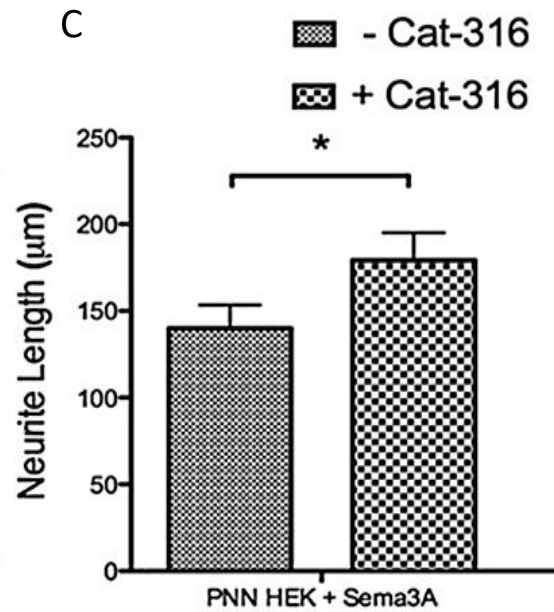


Fig. 7.

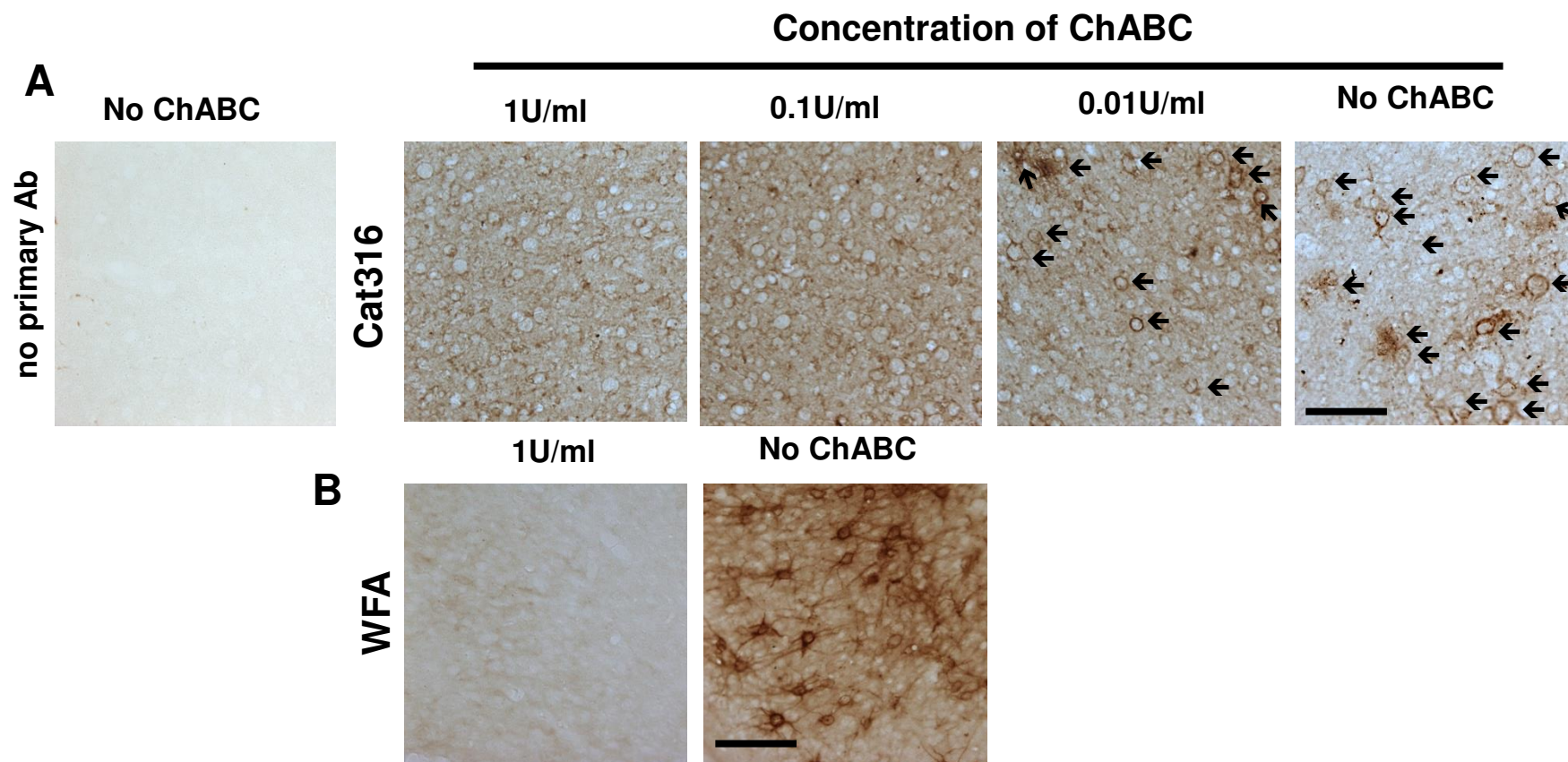
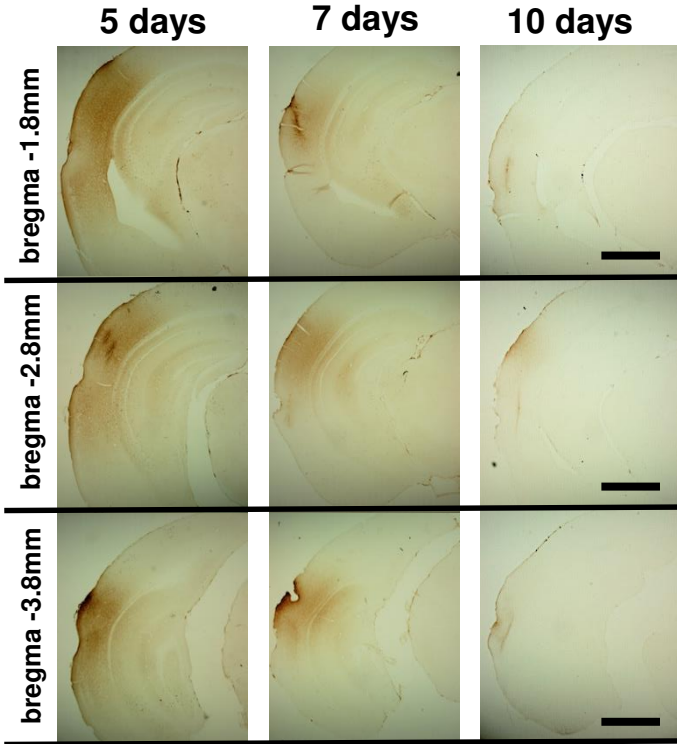


Fig. 8

A. Cat316 injection sites



B. Cat316 binding on PNNs

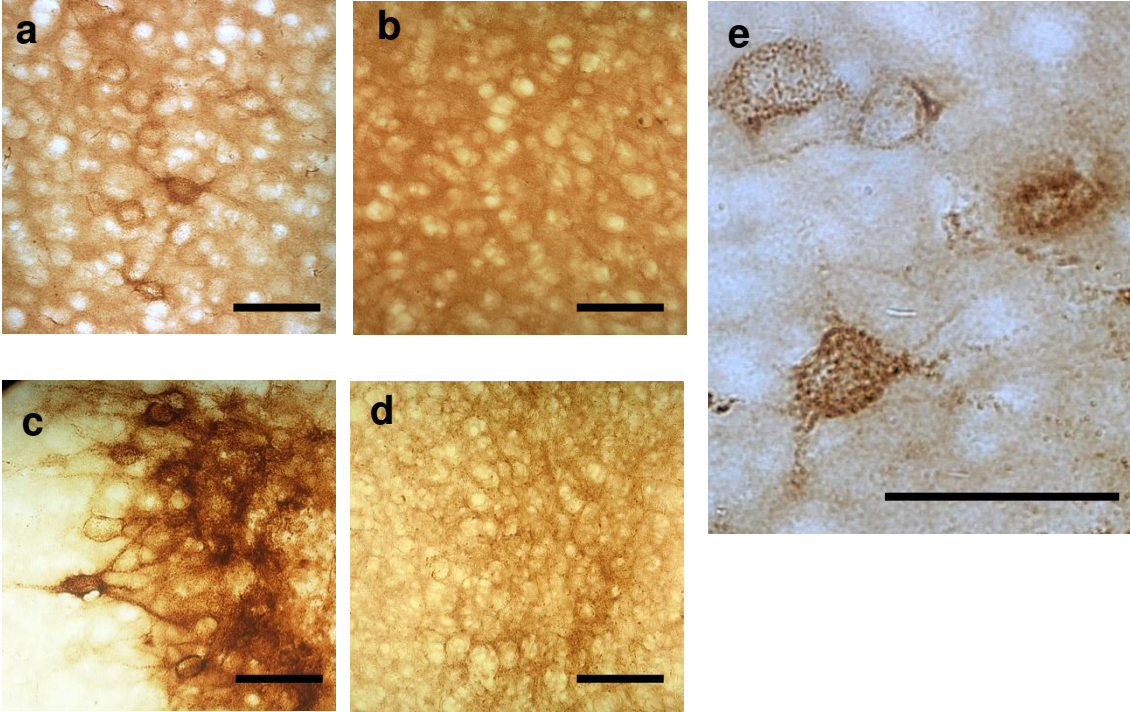
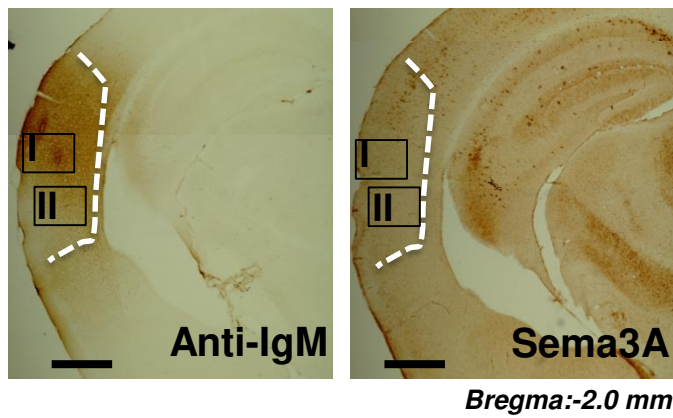
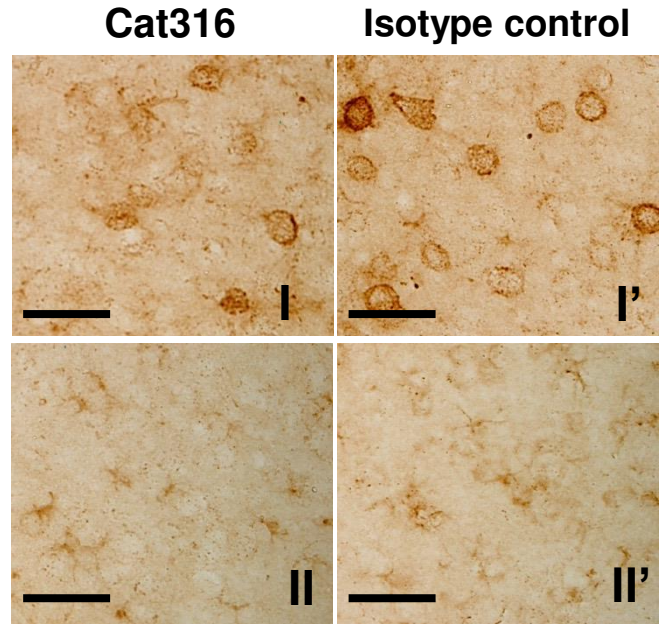


Fig. 9

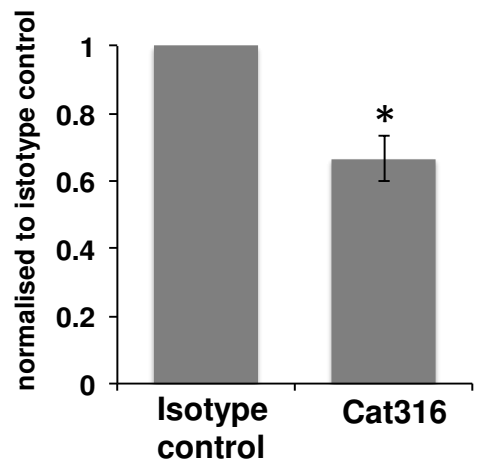
A. Cat316 infusion profile



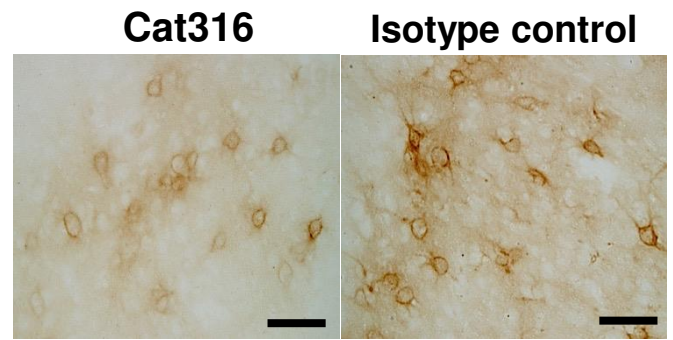
B. Sema3A staining in ECM



C. Sema3A intensity



D. WFA staining in ECM



E. WFA intensity

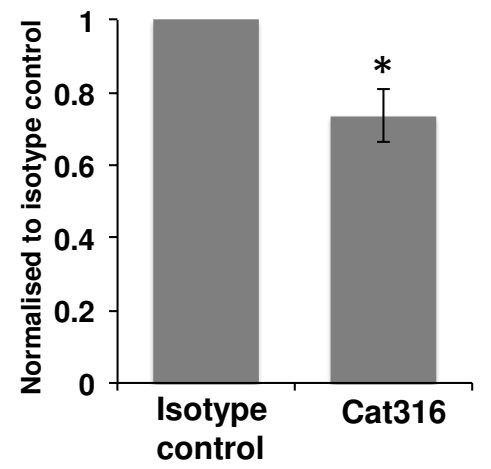
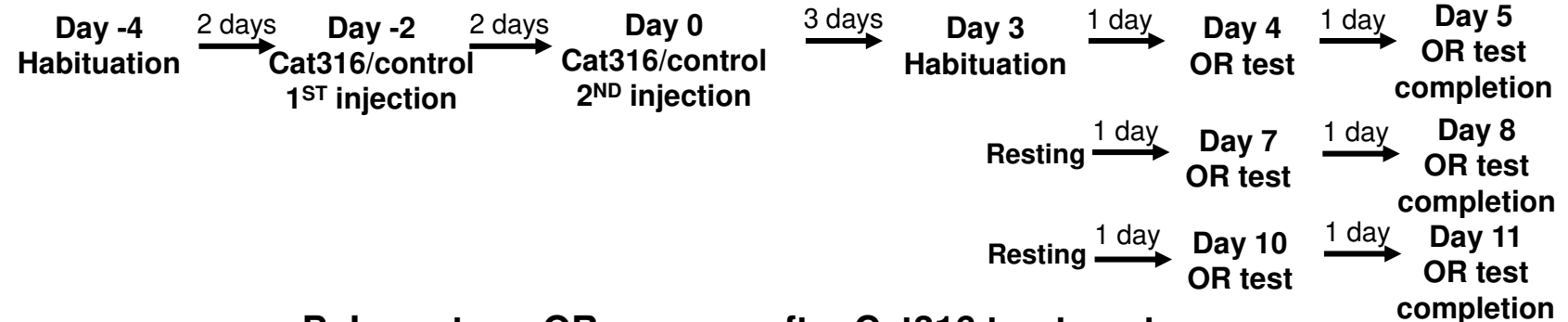
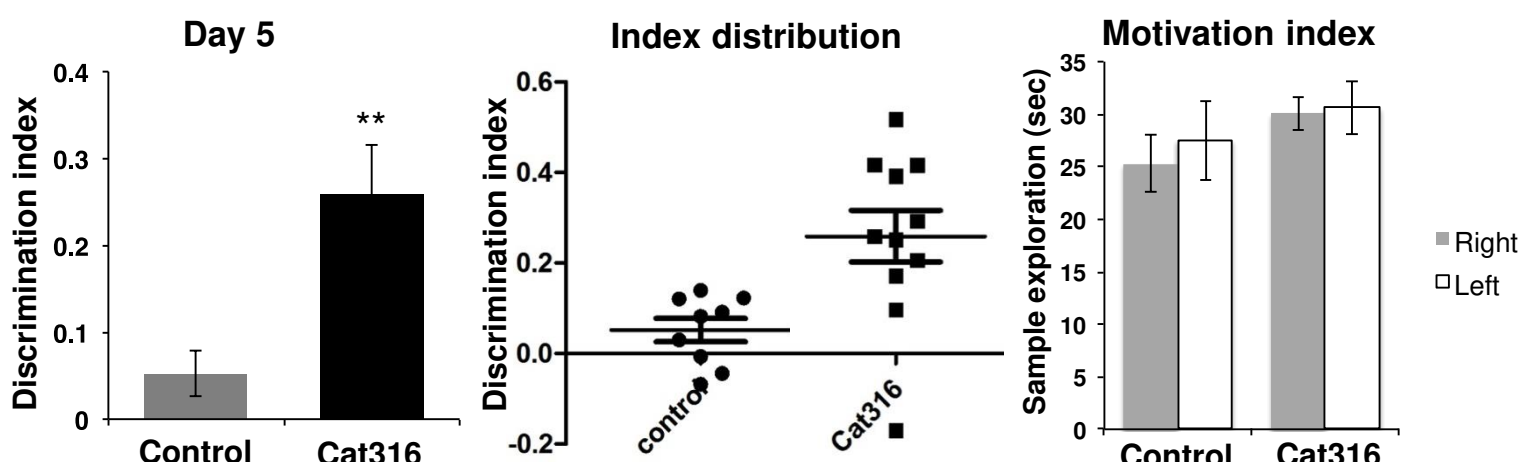


Fig. 10

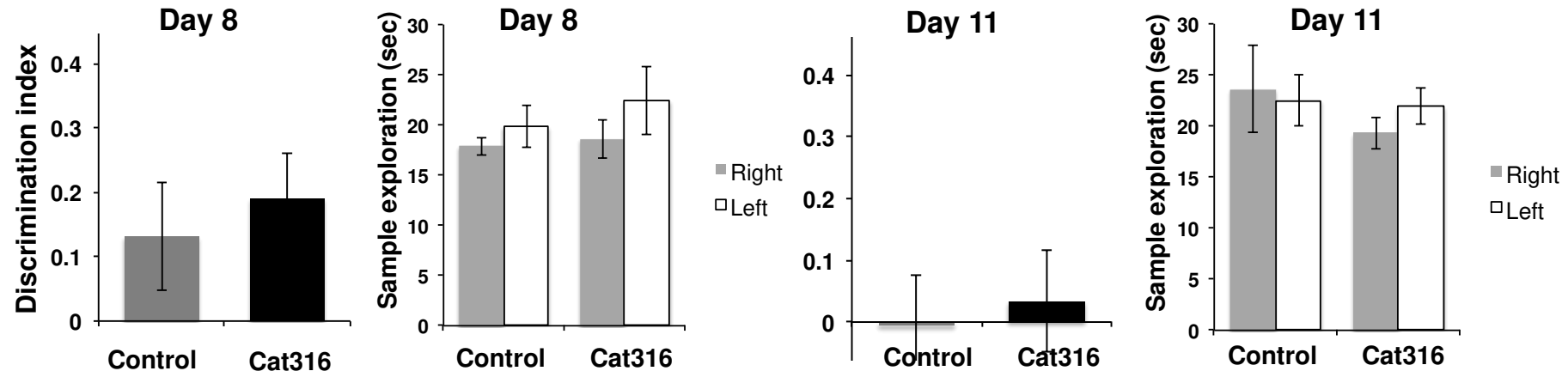
A. Time line of the experiment



B. Long-term OR memory after Cat316 treatment

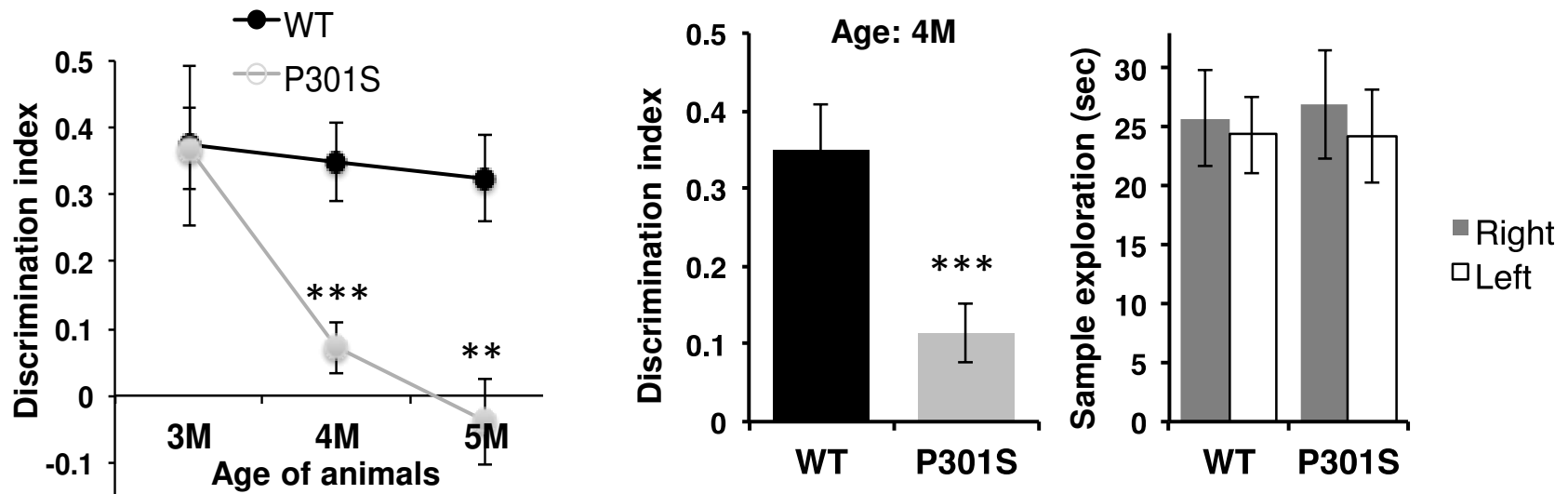


C. Wash-out period of Cat316-induced memory effect

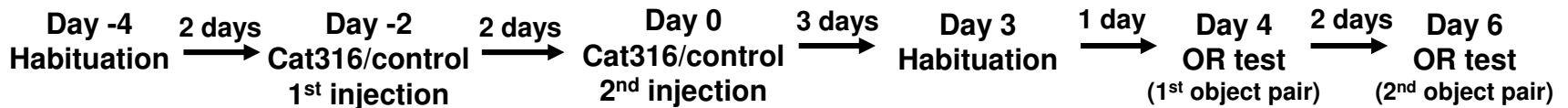


A. OR memory decline in P301S tau mice

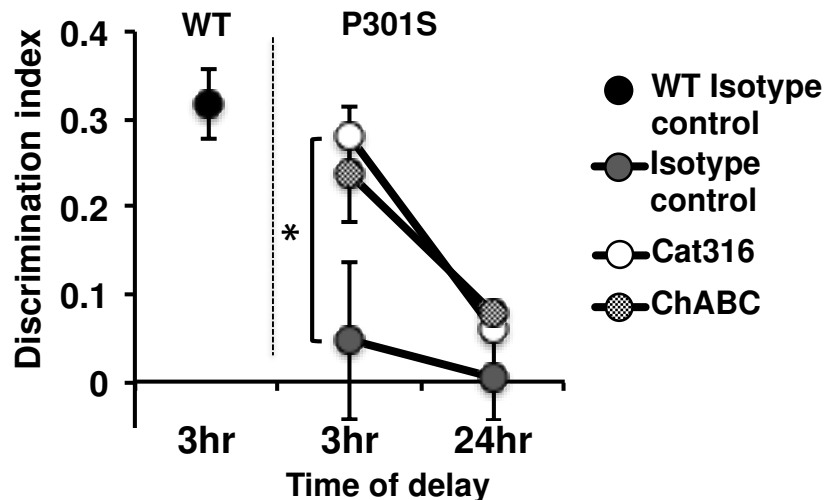
Fig. 11



B. Time line of the experiment



C. Short-term OR memory recovery in Tg P301S mice



Tau pathology: AT8

A

Isotype control

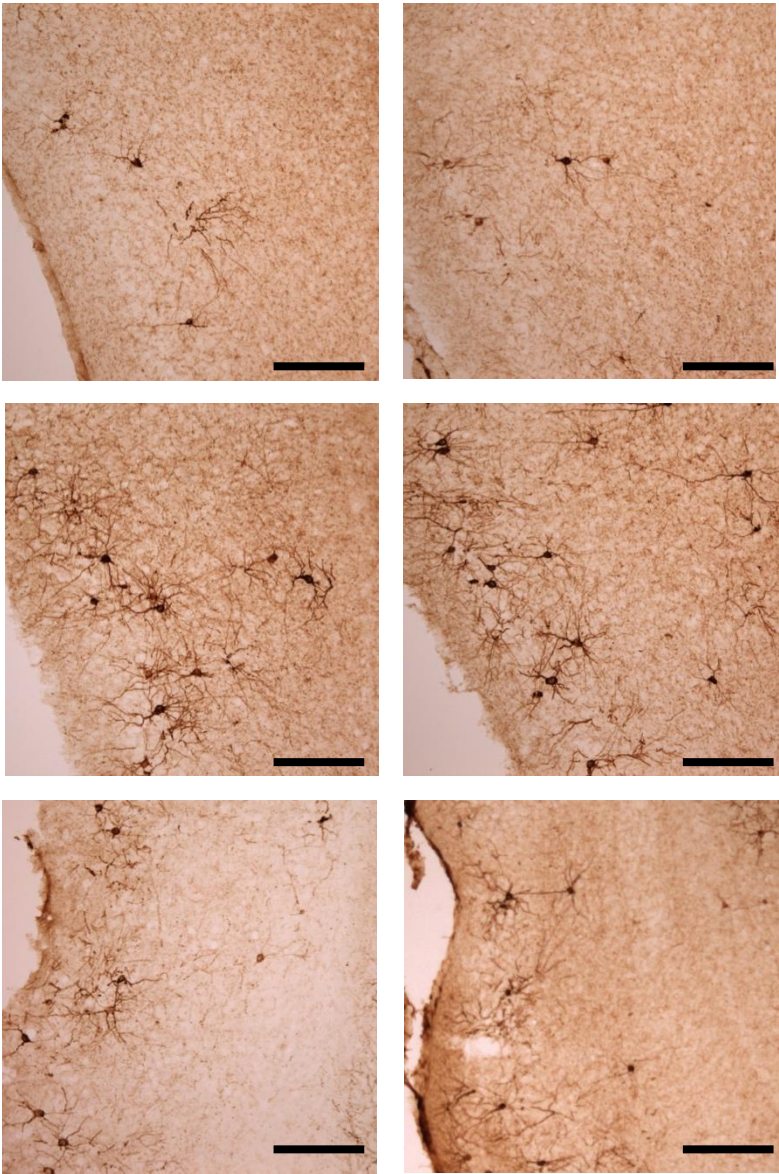
Cat316

Perirhinal cortex

bregma -1.8mm

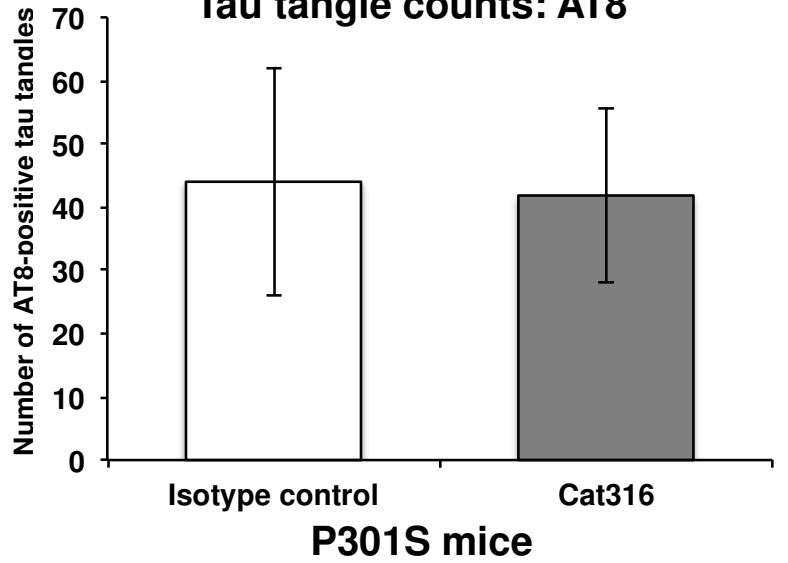
bregma -2.8mm

bregma -3.8mm



B

Tau tangle counts: AT8



C

Neuronal counts: NeuN

