

Supplemental Data

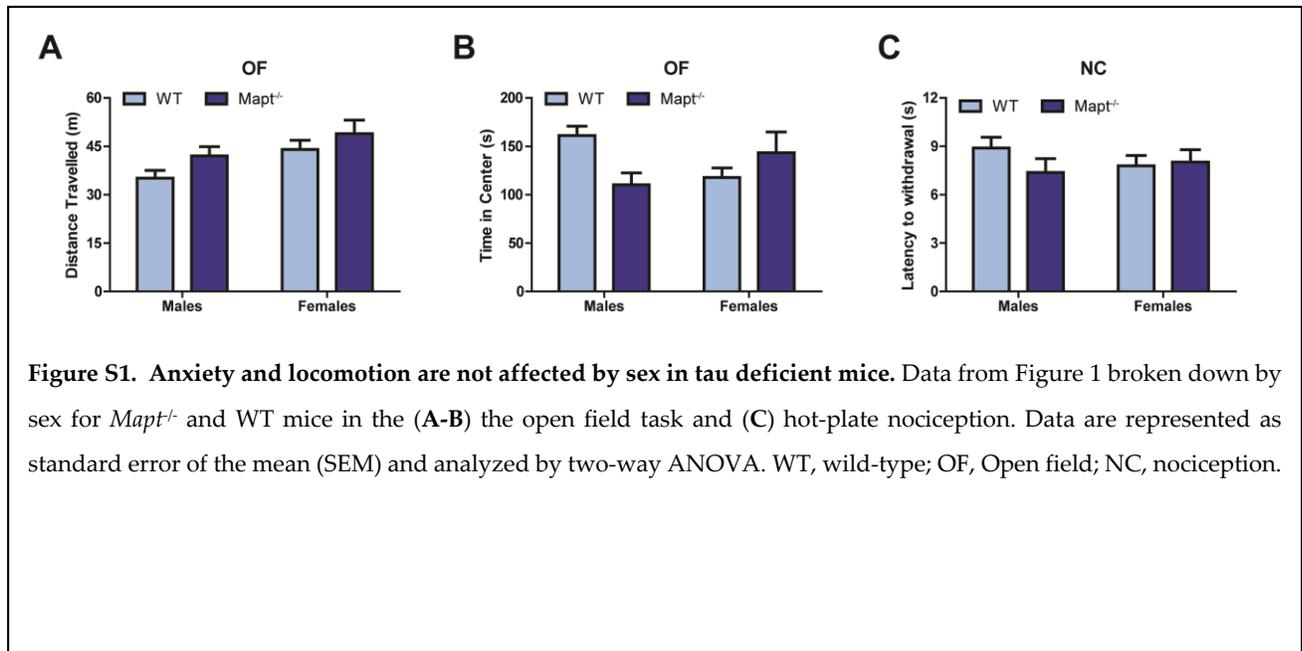


Figure S1. Anxiety and locomotion are not affected by sex in tau deficient mice. Data from Figure 1 broken down by sex for *Mapt*^{-/-} and WT mice in the (A-B) the open field task and (C) hot-plate nociception. Data are represented as standard error of the mean (SEM) and analyzed by two-way ANOVA. WT, wild-type; OF, Open field; NC, nociception.

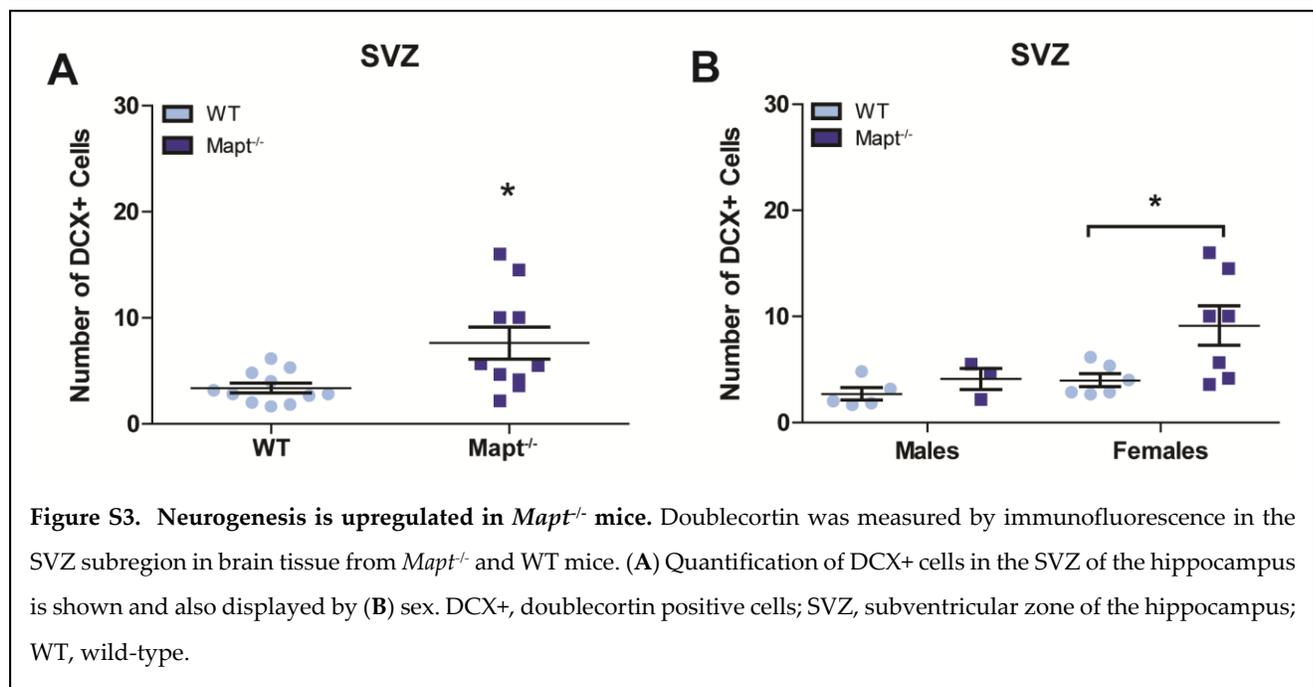
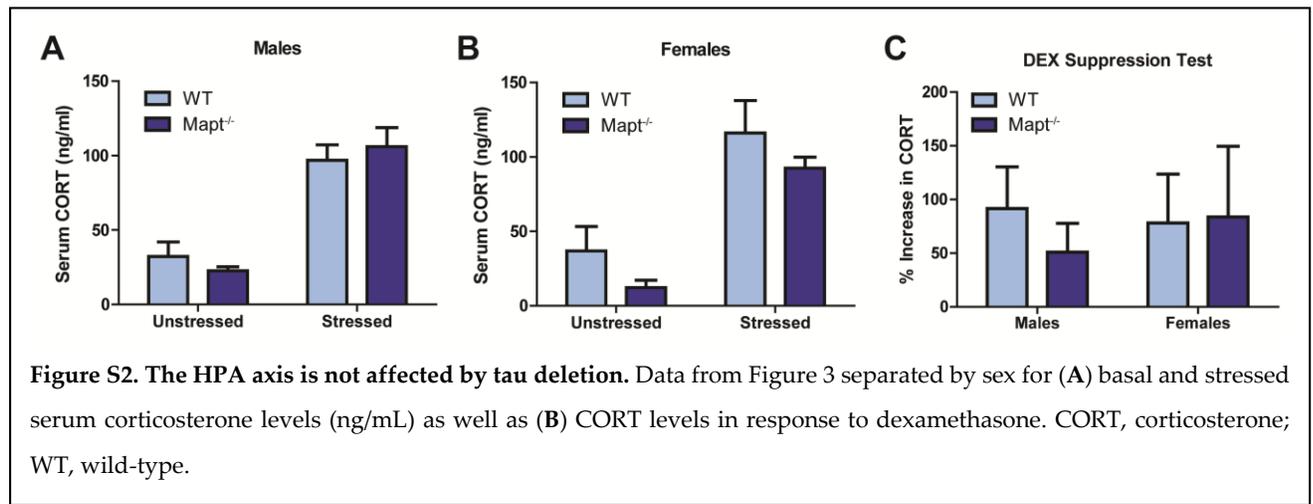


Table 1. Top proteins associated to neurogenesis in the anterior cortex and amygdala.		
Anterior cortex		
ID	Name	Expression Fold Change
Rhob	Ras homolog family member b	4.706
Atcay	ATCAY kinesin light chain interacting caytaxin	2.388
Flna	Filamin A	2.326
Slc9a6	Solute carrier family 9 member A6	2.153
Ppp1r9a	Protein phosphatase 1 regulatory subunit 9A	1.97
App	Amyloid beta precursor	1.762
Cdk5	Cyclin dependent kinase 5	-1.453
Snap91	Synaptosome associated protein 91	-1.51
Gabrb3	Gamma-aminobutyric acid receptor subunit beta-3	-1.582
Gpm6a	Glycoprotein M6A	-1.832
Cdc42	Cell division cycle 42	-1.971
Amygdala		
ID	Name	Expression Fold Change
Gja1	Gap junction protein alpha 1	2.168
Ube3a	Ubiquitin protein ligase E3A	1.875
Stm	Striatin	1.787
Rapgef4	Rap guanine nucleotide exchange factor 4	1.769
Caprin1	Cell cycle associated protein 1	1.737
Lamb2	Laminin subunit beta 2	-3.257
Gap43	Growth associated protein 43	-3.275
Basp1	Brain abundant membrane attached signal protein 1	-3.444
Rims1	Regulated synaptic membrane exocytosis 1	-4.667
Fnbp1	Formin binding protein 1	-4.733

Table S1. Neural tissue homogenates from the amygdala (AMYG) and frontal cortex (FCX) of 14-month-old Mapt^{-/-} and WT mice (n = 3 per genotype) were analyzed by proteomic mass spectrometry. Data includes top proteins associated to neurogenesis in these brain regions.