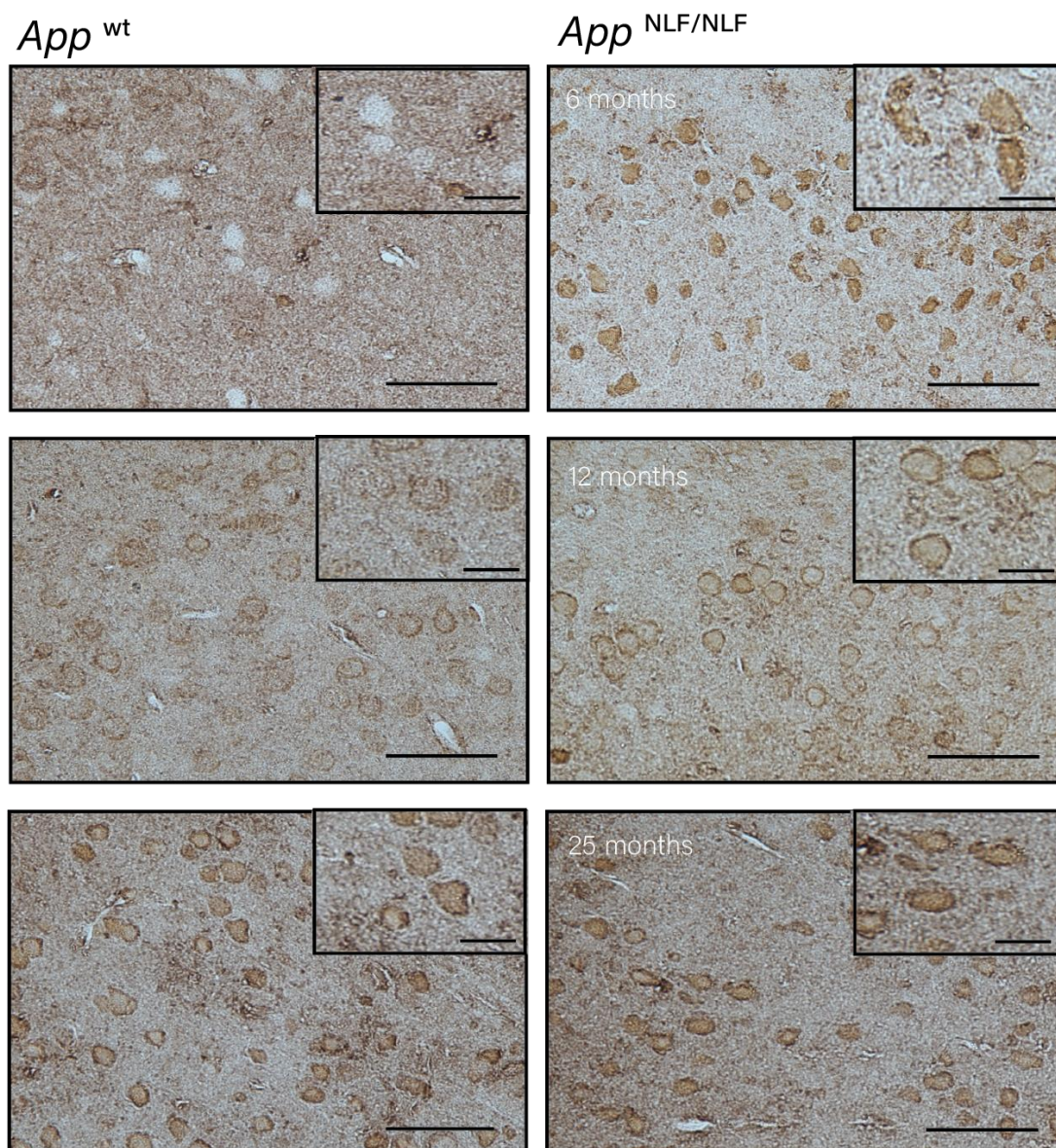


Supplemental figure S1: DDX24 staining in 6 months, 12 months and 25 months old WT and *App*^{NLF/NLF} mice. Scale bar is 150 μ m.



Supplemental figure S2: DDX24 staining in CA3 region of WT and *App*^{NLF/NLF} mice at 6 months, 12 months and 25 months of age. Scale bar is 50 μ m in large images and 25 in fold in images.

Supplemental figure S3: Confocal staining of DDX24 in neurites of primary hippocampal neurons derived from WT and *App*^{NLF-NLF} mice cultured for 7 (A-B), 14 (C-D) and 21 (E-F) DIV. DDX24 is shown in green and phalloidin in white. Scale bars are 5 μ m.