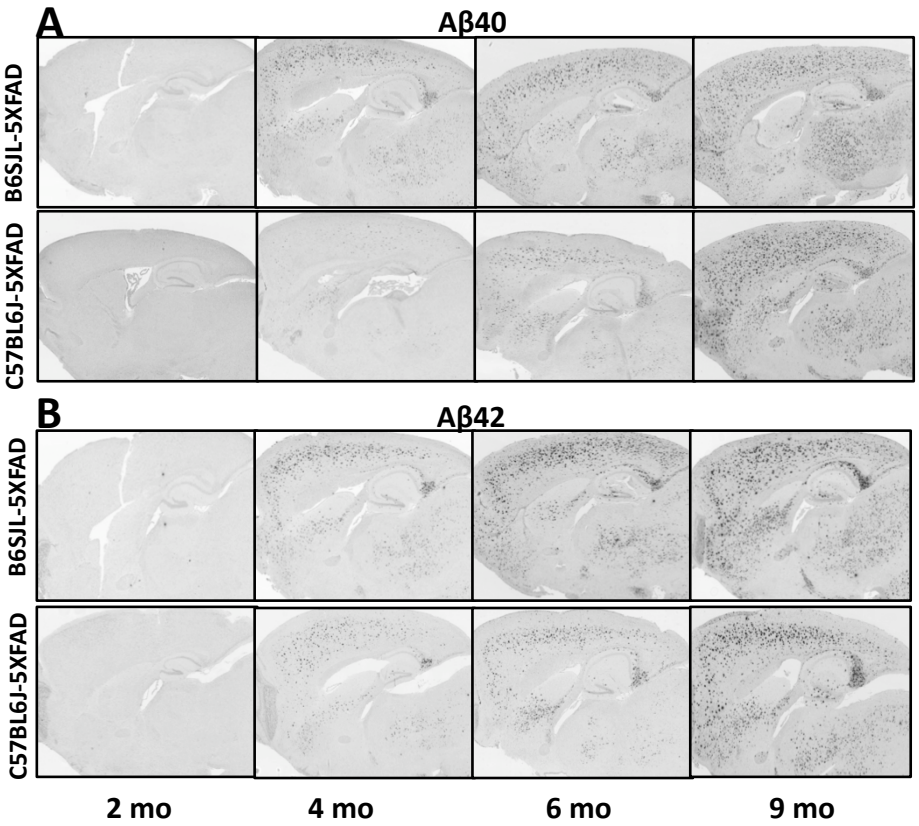

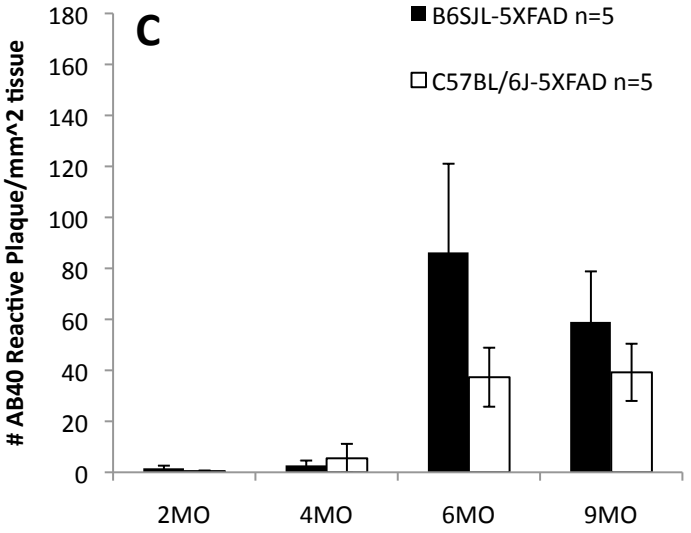

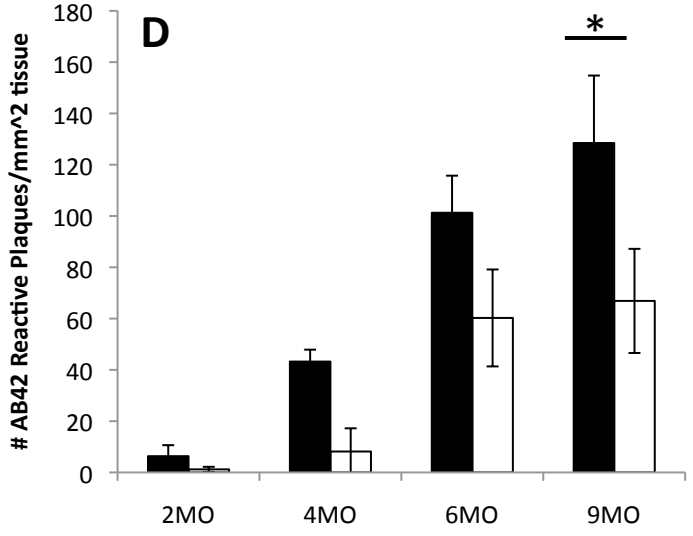

Immune Reactivity of Amyloid Deposits in the 5XFAD mouse on the B6SJL and congenic C57BL/6J genetic backgrounds. **A**) Parasagittal serial sections of brains from 2, 4, 6 and 9 month old transgenic 5XFAD mice on both C57BL/6J (Stock 34848) and B6SJL (Stock 34840) genetic backgrounds were stained with an antibody recognizing $A\beta_{40}$ and **B**) $A\beta_{42}$. Representative staining is shown here. **C-D**) Quantitation of $A\beta_{40}$ and $A\beta_{42}$ positived deposits was performed using CellProfiler (Broad Institute, Cambridge, MA) and total counts were normalized per mm^2 of brain tissue analyzed. Data are represented as mean ± std dev for 5 representative animals counted per strain and timepoint. While the B6SJL-5XFAD animal trended towards higher levels, pathogenic $A\beta_{42}$ positive staining was significantly higher only at the 9 month timepoint compared to the congenic C57BL/6J-5XFAD (T-Test)