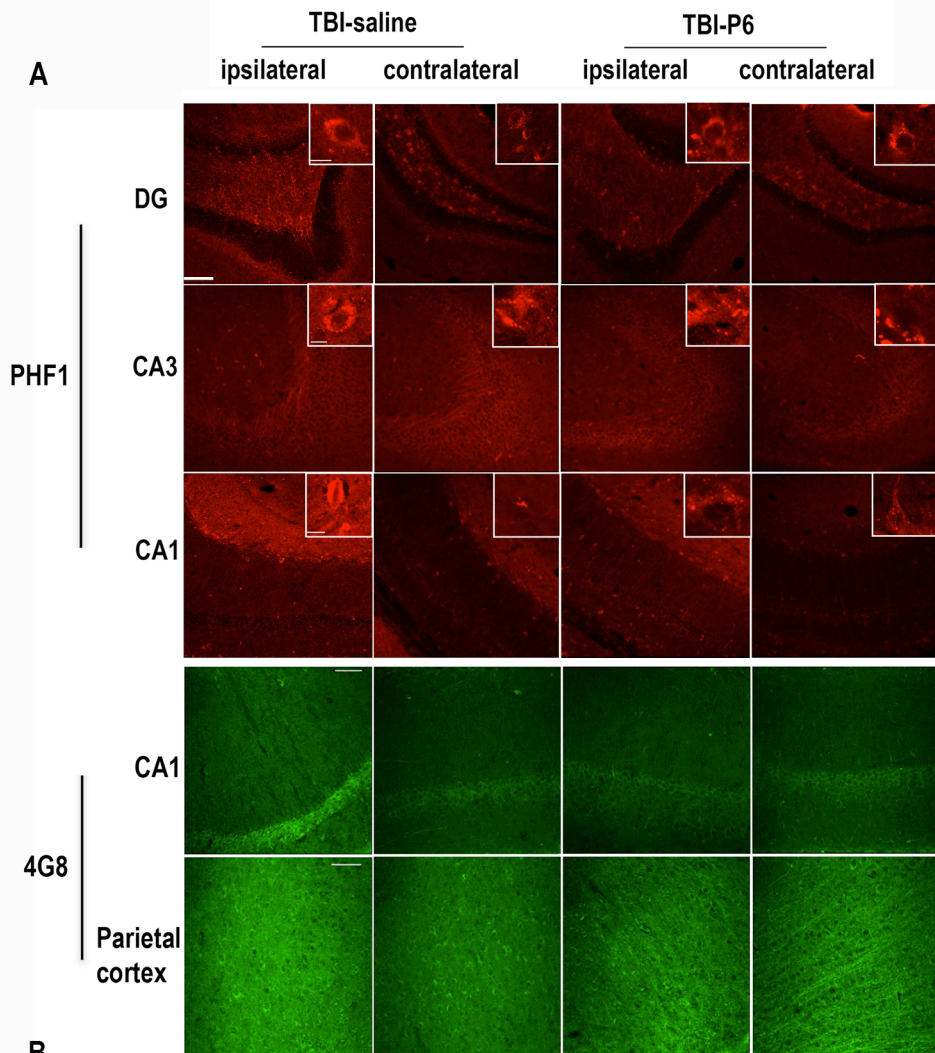


SUPPLEMENTAL DIGITAL CONTENT 2

FIGURE: Elevation of Alzheimer-type biomarkers in TBI mice. Immunohistochemical staining of hippocampus and parietal cortex **(A)** revealed elevation of hyperphosphorylated tau and A β , two key hallmarks of Alzheimer disease in ipsilateral versus contralateral regions **(B)**.

Red: PHF1 staining against phosphor-tau at serine 396/404 (Scale bar = 100 μ m, inset scale bar = 10 μ m); Green: 4G8 staining against APP and A β (Scale bar = 50 μ m)

*($p < 0.05$), **($p < 0.01$), ***($p < 0.001$), one way ANOVA, Bonferroni's post hoc test



B

