



SUPPLEMENTARY FIG. S3. Immunohistochemical staining with Iba-1 antibody at 7 days after second sham or mild traumatic brain injury (mTBI). Post-natal day 29 rats were divided into three groups and subjected to (1) two sham insults (S-S), (2) one mTBI, one sham insult (mTBI-S), or (3) two mTBIs (mTBI-mTBI) 24 h apart. **(A)** Representative views of coronal sections (scale bar = 200 μ m) at approximately -3.0 to 4.5 mm, bregma. Insets include higher magnification (scale bar = 25 μ m) image of Iba-1 immunoreactive microglia indicated by arrows. **(B)** Red (cortex), blue (external capsule), and black (amygdala) boxes indicate areas of interest, shown in higher magnification in panels A. **(C)** Quantification of the number of Iba-1 immunoreactive cells in rat brains ($n = 3/\text{group}$). Mean \pm standard error of the mean, * $p < 0.05$ vs. S-S.