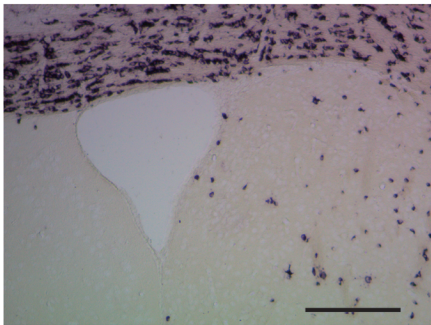
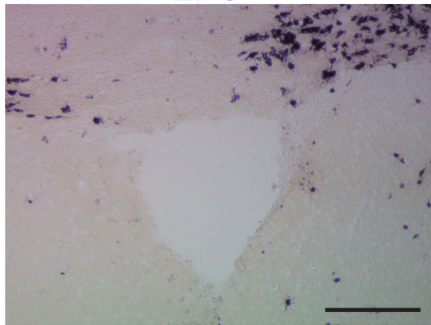


**PBS**



**LPC**



**Supplementary Figure 2.** *PLP mRNA* was detected by *in situ* hybridization in PBS injected brain (A) and LPC injected brain (B). The *PLP*+ oligodendrocytes disappeared from LPC injected region of the corpus callosum (B). The *PLP*+ oligodendrocytes were not observed in the SVZ of LPC injected brain (B) as same as PBS injected brain (A). Scale bar 50  $\mu$ m; PBS, n=2; LPC, n=3.