SUPPLEMENTARY FIGURE 1
SUPPLEMENTARY FIGURE 2
Supplementary Figure Legends

Supplementary Figure 1. IL-17 immunohistochemistry in astrocytes from lesions of different activity and control brain. **A:** IL-17 immunostaining in control CNS tissue which is marginally detectable in astrocytes. **B:** A strong reaction for IL-17 is seen in reactive astrocytes in an acute lesion and equally in **C:** at the active border of a chronic active lesion (field above the dotted line which separates active from inactive areas). **D:** Inactive lesion (field below the dotted line) in which astrocytic cell bodies are not seen, but there is a network of astrocytic processes stained for IL-17\(^+\) distinguishing it from NAWM, which is seen above the dotted line. Arrow heads demonstrate IL-17\(^+\) astrocyte cell bodies. Scale bar = 50 \(\mu\)m.

Supplementary Figure 2. IL-17 staining in lymph nodes. Double immunofluorescence staining analyzed by confocal microscopy. **A:** Staining for CD3 (for T cells; red) and **B:** IL-17 (green), taken from an interfollicular compartment of a non-reactive lymph node. **C:** Overlays demonstrate expression of IL-17 in T-cells (arrow head demonstrates IL-17\(^+\) T-cells, arrows demonstrate T-cells negative for IL-17). Scale bar = 10 \(\mu\)m.