



Figure S4. The gating strategy of FACS analysis to identify proliferating Th17 cells shown in Fig. 5. Mononuclear cells were isolated from the spinal cord of MOG-immunized WT and CXCR3^{-/-} recipient mice at day12 post-immunization and subjected to FACS analysis. Lymphocytes were gated according to forward and side scatter and then subsequently gated on CD4⁺ cells. CD4⁺ cells were further gated to analyze cell cycle phase distribution. The phases of the cell cycle of CD4 cells were indicated (G0/G1: BrdU⁻ 7-AAD⁺; G2/M: BrdU⁺ 7-AAD^{high}; S: BrdU⁺ 7-AAD^{high}; Apoptosis: BrdU⁻ 7-AAD^{low}). CD4⁺ cells in S phase were further gated to analyze IL-17⁺ cells (CD4⁺IL-17⁺, Th17). Data are representative of two independent experiments.