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-AADhigh; S: BrdU+ 7-AADhigh; Apoptosis: BrdU- 7-AADlow). CD4+ cells in S phase were further gated to analyze IL-17+ cells (CD4+IL-17+, Th17). Data are representative of two independent experiments.