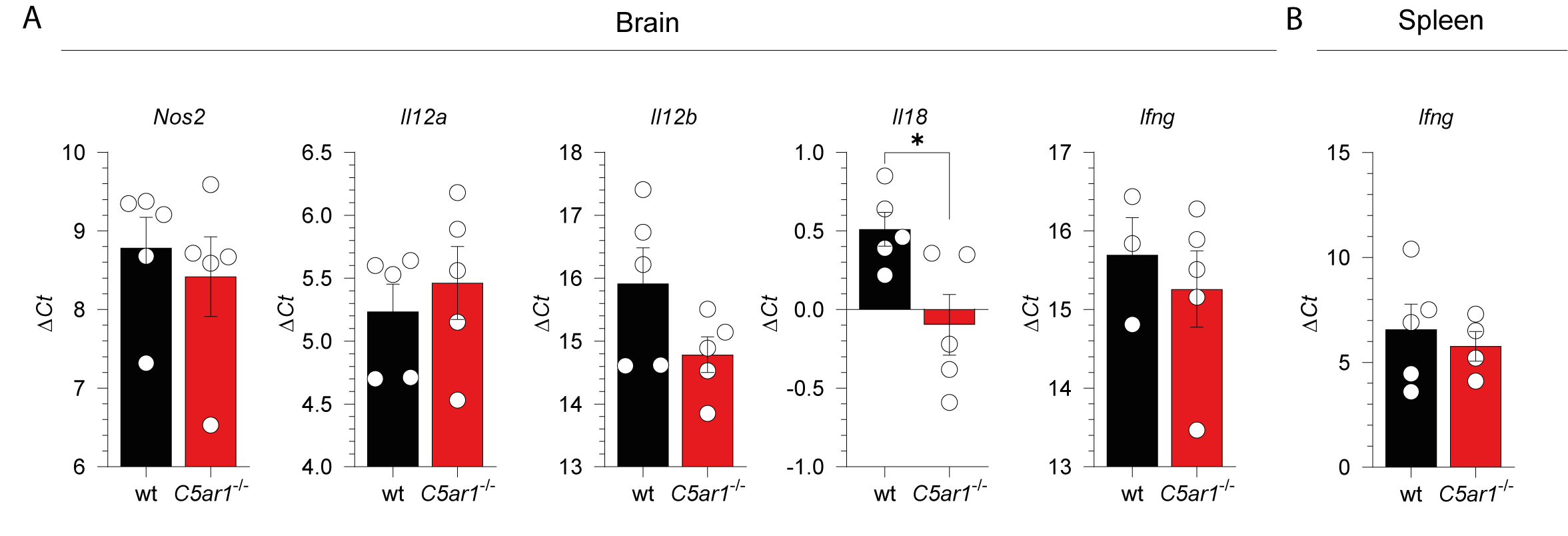
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**Supplementary Figure 1. Gating strategy to identify neutrophils in the spleen, mesenteric lymph nodes (MLN) and peritoneum of wt and *C5ar1-/-* mice.** Representative dot plots depict neutrophil populations in (**A**) spleen (CD3/CD19-Ly6G+), (**B**) MLN CD3/CD19/NK1.1/F4/80-Ly6G+) and (**C**) peritoneal cavity (CD3/CD19-Ly6G+) of uninfected wt or *C5ar1-/-* mice and five days after *T. gondii* infection. Numbers represent frequencies of the parent gate.

**Supplementary Figure 2. Baseline gene expression in the brain and spleen of naïve wt and *C5ar1*-/- mice.** (**A**)*Nos2, Il12a, Il12b, Il18,* and *Ifng* and *Il18* mRNA transcription was determined in the brain and(**B**) *Ifng* mRNA transcription was determined in the spleen of wt and *C5ar1*-/- mice by RT-qPCR. The data show the relative mRNA transcripts in comparison to β-actin, n = 3-5/group. Values shown are the mean ± SEM, differences between groups were determined by unpaired t-test, \*\*\* *p* < 0.001.



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**Supplementary Figure 3. Gating strategy to identify IL-12p40 production in CD8+ and CD11b+ DCs in the spleen of wt and *C5ar1-/-* mice.** (**A**) Representative dot plots depicting intracellular IL-12p40 staining in spleen cells from uninfected wt or *C5ar1-/-* mice five days after *T. gondii* infection. CD11b DCs were identified as CD3-CD11c+CD11b+CD8- (I) and CD8α+ DCs were identified as CD3-CD11c+CD11b-CD8a+ (II). Numbers represent frequencies of the parent gate. (**B**) Frequencies of CD8a+ (black) and CDD8a- (red) cells within the population of CD11c+ DCs in the spleen of naïve wt and *C5ar1-/-* mice.

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**Supplementary Figure 4. Gating strategy to identify IFN-γ-producing NK, NKT and T cells in the spleen of naïve wt and *C5ar1-/-* mice.** Representative dot plots depict intracellularIFN-γ production in (**I**) NK (CD3e-NK1.1+), (**II**) NKT (CD3e+NK1.1+) and (**III**) T cells (NK1.1-CD3e+CD8+ and NK1.1-CD3e+CD8-) in the spleen of uninfected wt or *C5ar1-/-* mice and five days after *T. gondii* infection. Numbers represent frequencies of the parent gate.