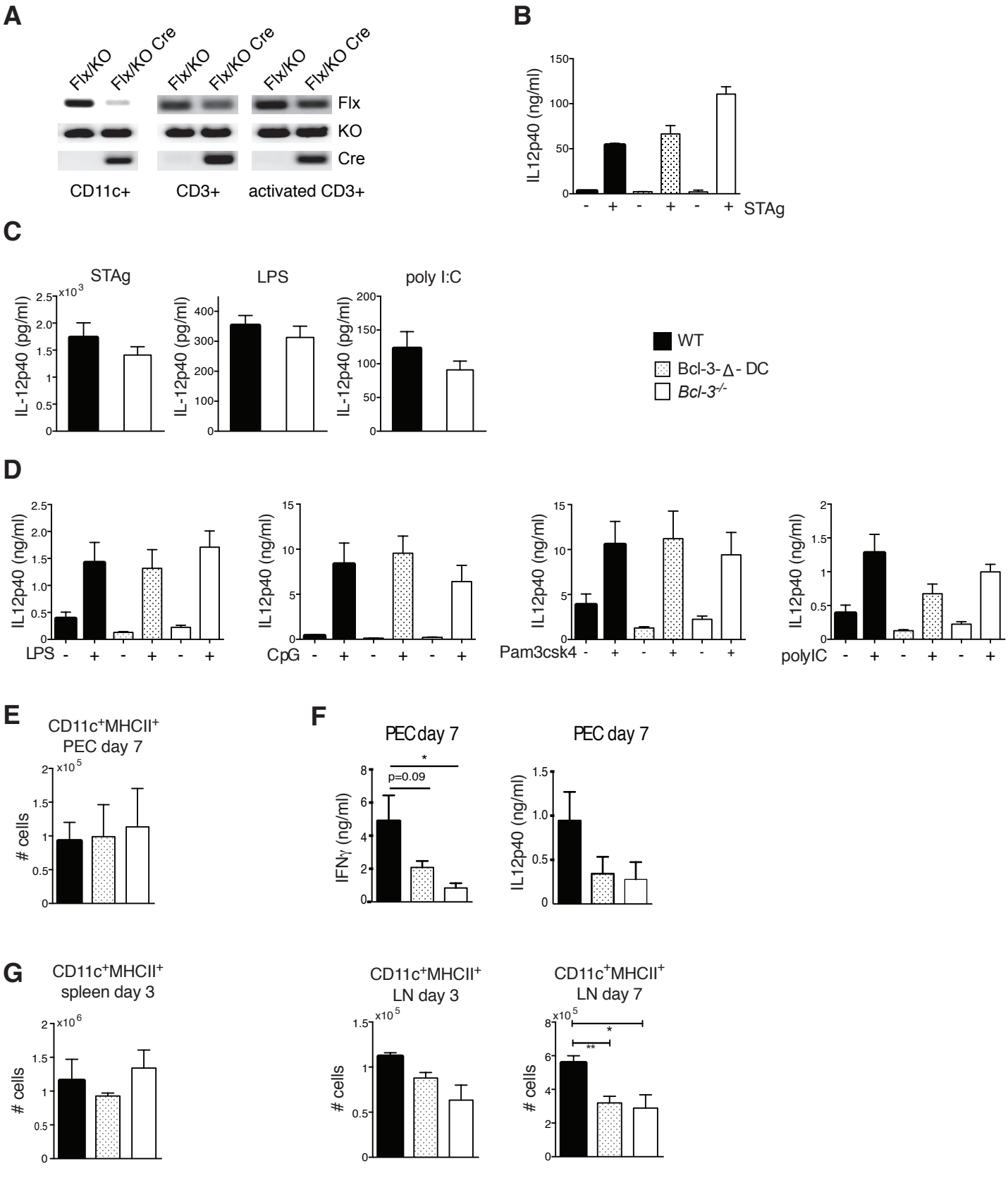
Supportive Information Figure 1



Supporting Information Figure 1: (A) Genomic PCRs to detect the floxed (Flx) and Cre-deleted (KO) *Bcl-3* alleles, as well as the *CD11c-Cre* transgene (Cre) in $CD11c^+$ cells (DCs) and in $CD3^+$ (T) cells that were not treated or were activated with αCD3 and αCD28 (2μg/ml 145-2C11 and 4μg/ml BE0015-1, respectively; BioXCell) for 24h. Cells were isolated from spleens of [$Bcl\text{-}3^{flx/-}$; *CD11c-Cre*] and [$Bcl\text{-}3^{flx/-}$] mice with MACS micro beads (Miltenyi Biotec). The remaining low level of the Flx allele in $CD11c^+$ cells likely reflects minor cellular contamination, as this allele is nearly absent in more highly purified $CD11c^+$ DCs cells [13]. (B) WT, $Bcl\text{-}3^{-/-}$ and Bcl-3-Δ-DC mice were injected with STAg (10μg/ml) i.v (or not injected) and IL12-p40 was measured in serum 6h later. Mean ± SEM; n=3 mice/group. (C) $CD11c^+$ splenic DCs were isolated from WT and $Bcl\text{-}3^{-/-}$ and 10^5 cells were stimulated with STAg (5μg/ml), LPS (100ng/ml) and polyI:C (100μg/ml) o.n. Levels of IL-12-p40 in supernatant were assessed with ELISA. Mean ± SEM; n=3 mice/group. (D) WT, $Bcl\text{-}3^{-/-}$ and Bcl-3-Δ-DC mice were infected with 20 cysts of *T. gondii* (ME49 strain). Cells from peritoneal cavity (PEC) were isolated one week later and $3x10^5$ cells were plated o.n in the presence of LPS (100ng/ml), CpG (1μg/ml), Pam3CSK (1μg/ml) and poly I:C (100μg/ml). Levels of IL-12-p40 in supernatant were assessed with ELISA. Mean ± SEM; n=3-4 mice/group. (E) WT, $Bcl\text{-}3^{-/-}$ and Bcl-3-Δ-DC mice were infected as above and cells from PECs were isolated one week later and stained for CD11c and MHC-II. Absolute numbers of these cells (inflammatory monocytes derived) shown as mean ±SEM; n=4 mice/group. (F) WT, $Bcl\text{-}3^{-/-}$ and Bcl-3-Δ-DC mice were infected as above and levels of IFNγ and IL-12p40 in the PEC were measured by CBA and ELISA, respectively. Mean ±SEM; n=4 mice/group. (G) WT, $Bcl\text{-}3^{-/-}$ and Bcl-3-Δ-DC mice were infected as above. Cells from spleen and mesenteric lymph nodes (LN) were isolated 3 and/or 7 days later and stained for CD11c and MHC-II. Absolute numbers of DCs shown as mean ±SEM; n=4 mice/group. *$p<0.05$ and **$p<0.01$