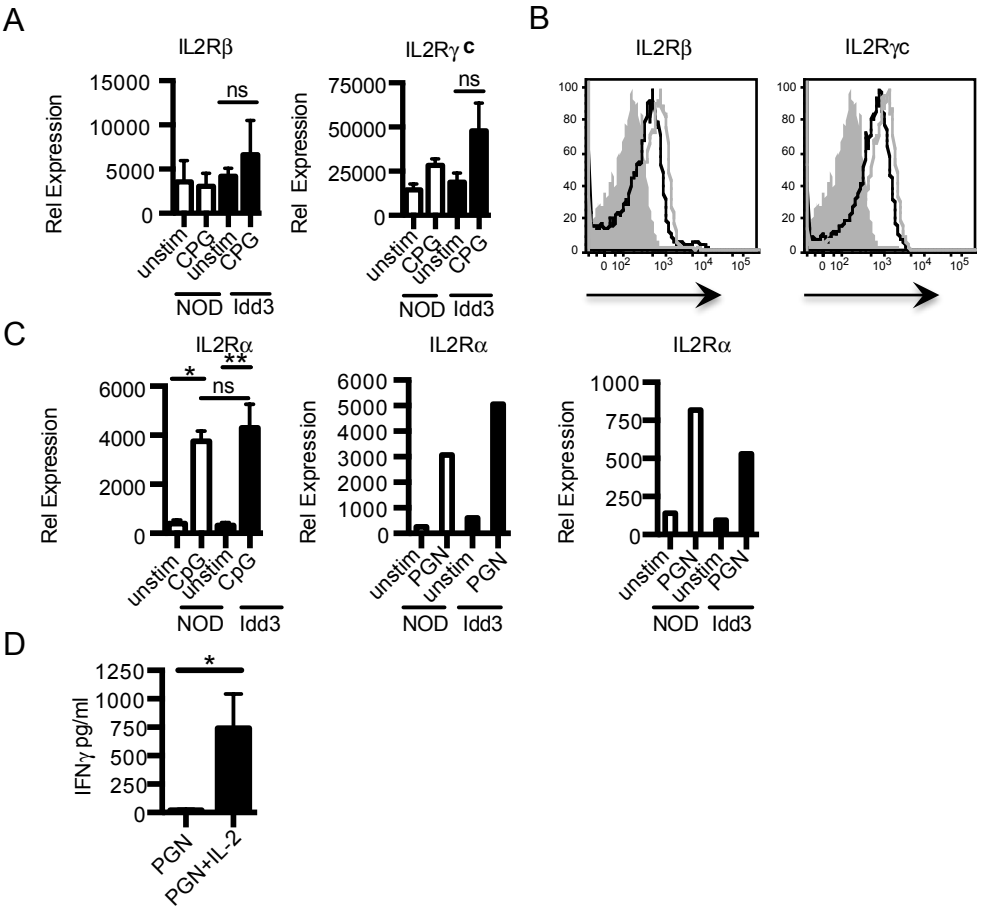
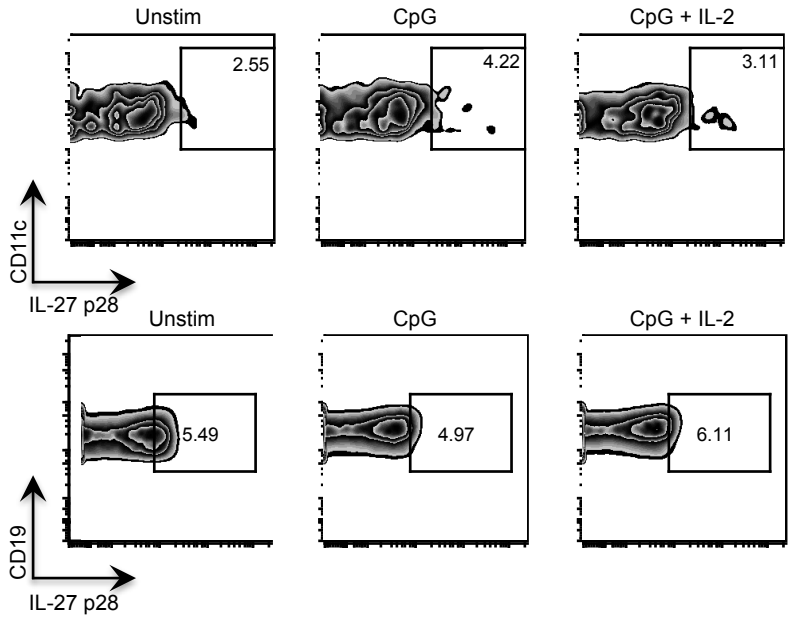


Supplemental Figure 1. Expression of IL-2 receptor chains and IL-2 promotion of IFN-γ production in CD11b$^+$ CD11c$^-$ cells.

A) CD11b$^+$CD11c$^-$ cells were isolated from the spleens of NOD and NOD.*Idd3* mice by cell sorting and stimulated with CpG for 4 h as indicated. Cells were then lysed for RNA isolation and use in real-time PCR. IL2Rβ (n= 3), IL2Rγc (n=3). ns=not significant. B) Expression of IL2Rβ and IL2Rγc on NOD CD11b$^+$CD11c$^-$ cells before (black line) and after stimulation with CpG (gray line). Filled histogram, fluorescence minus one control. C) CD11b$^+$CD11c$^-$ cells were prepared as in (A) and stimulated with either CpG or PGN. Left panel, CD25 (IL2Rα) (n=4),*p=0.0003, **p=0.006, t-test. ns=not significant. Middle and right panels, data from two independent experiments. C) CD11b$^+$CD11c$^-$ cells were isolated from the spleens of NOD mice

and stimulated with PGN in the presence or absence of 25ng/mL IL-2 for 24h, (n=5). *p=0.0447, t-test. Cytokine measured by CBA.



Supplemental Figure 2. IL-27 p28 is mainly produced by CD11b^{+} CD11c^{-} cells.

NOD APC were T-depleted and stimulated for 18h with media, CpG, or CpG+IL-2. Cells were washed, incubated with GolgiStop for 4h and intracellular cytokine staining preformed. Data are representative of five experiments.