

Supplementary Figure 4

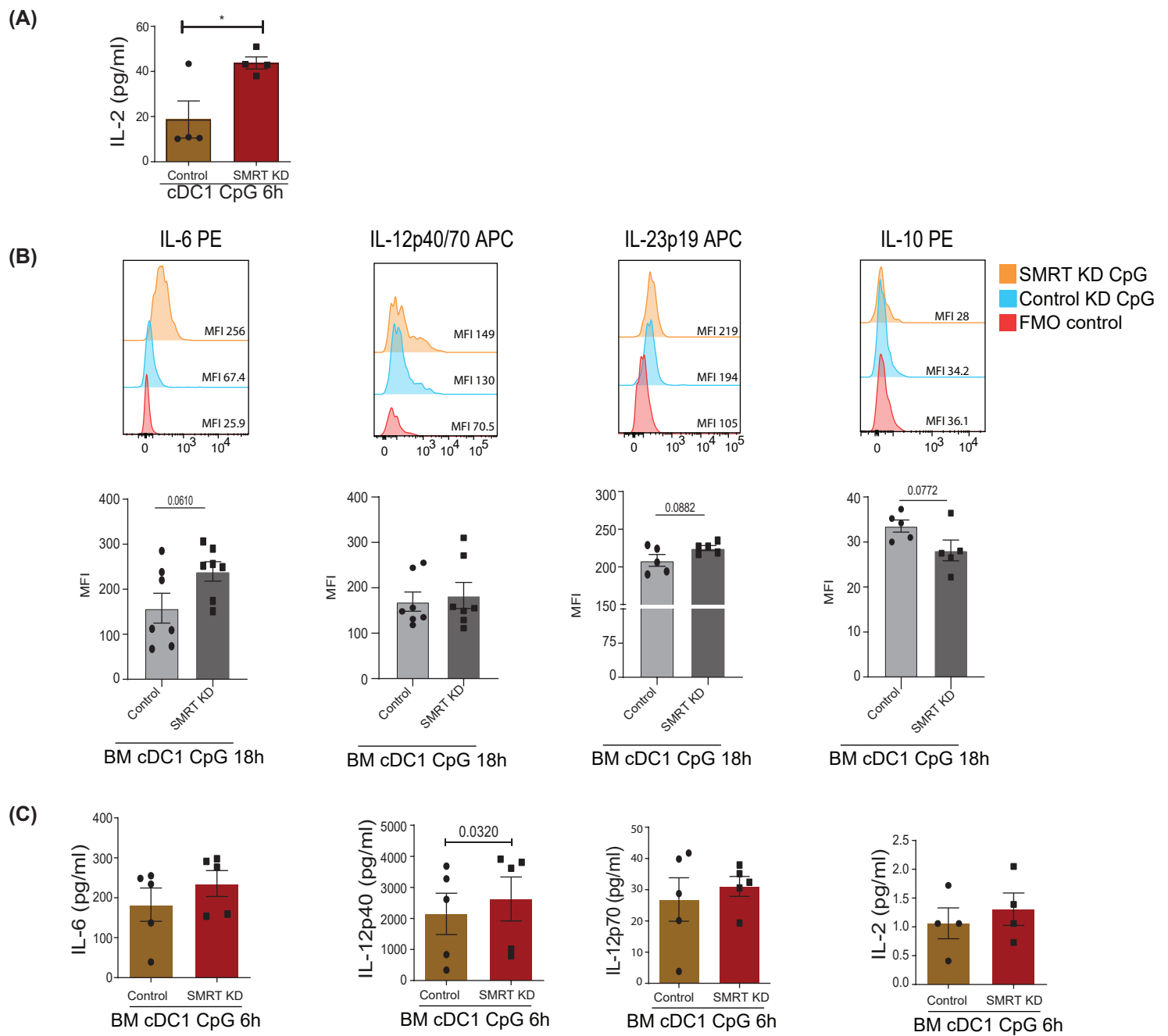


Figure S4. SMRT depleted BMcDC1 exhibit enhanced inflammatory cytokine production upon CpG stimulation. (A) Bioplex cytokine assay showing the quantification of IL-2 cytokine secreted in the culture supernatant of 6h CpG stimulated control and SMRT KD cDC1 (n=4). **(B)** Histogram and MFI scatter plot with bar showing proinflammatory cytokines IL-6, IL-12p40, IL-23p19, and the anti-inflammatory cytokine IL-10 in 18h stimulated control and SMRT KD BMcDC1 (n=5-7). **(C)** Bioplex cytokine assay showing the quantification of IL-6, IL-12p40, IL-12p70, and IL-2 cytokine secreted in the culture supernatant of 6h CpG stimulated control and SMRT KD BMcDC1 (n=4-5).

* $p \leq 0.05$, ** $p \leq 0.01$ and *** $p \leq 0.001$. p-value has been calculated using paired t-test [A and C] and two tailed unpaired student's t-test (B). Data shown in figure is combined from 3 independent experiments. Error bars represent SEM.