Supplementary figure 1

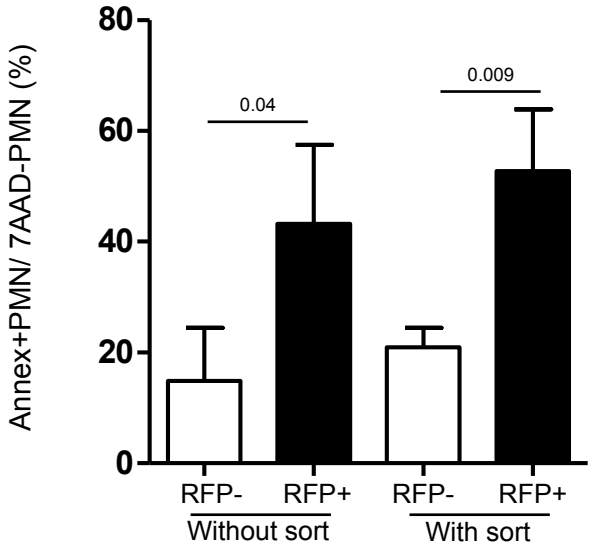

Figure S1. Frequencies of annexinV^+ 7-AAD^- uninfected $eGFP^{hi}RFP^-$ or infected $eGFP^{hi}RFP^+$ neutrophils recovered from the ear dermis at 12 hrs after infection with 2 $x10^6$ *Lm*-RFP metacyclic promastigotes purified or not by cell sorting. Mean percentage +/- 1 s.d., data are pooled from three independent experiments.

Supplementary figure 2

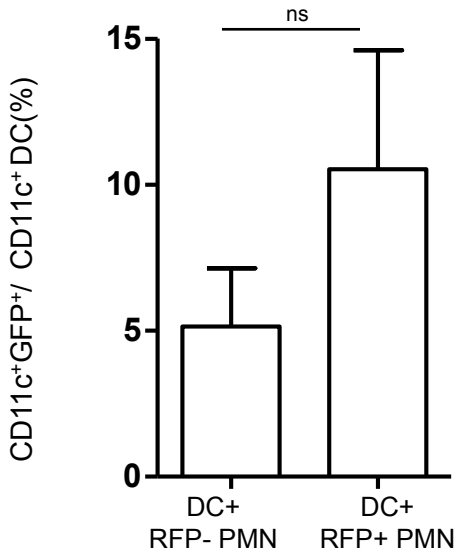

Figure S2. Frequencies of $CD11c^{+}GFP^{+}$ DCs from culture with uninfected $eGFP^{hi}RFP^{-}$ or infected $eGFP^{hi}RFP^{+}$ neutrophils for 16 hrs (mean percentage +/- 1 s.d.) calculated from 3 independent experiments.

Supplementary figure 3

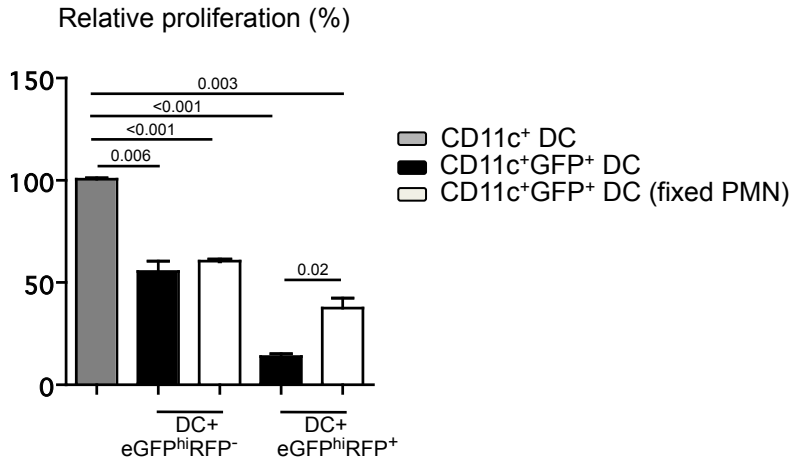

Figure S3. Relative proliferation of CFDA-labeled OT-I $CD8^+$ T cultured for three days with sorted $CD11c^+$ (no exposure to neutrophils), $CD11c^+GFP^-$ and $CD11c^+GFP^+$ cells (following overnight culture with fixed or unfixed uninfected or infected neutrophils), in presence of soluble OVA. Mean percentage +/- 1 s.d. calculated from 2 independent experiments.

Supplementary figure 4

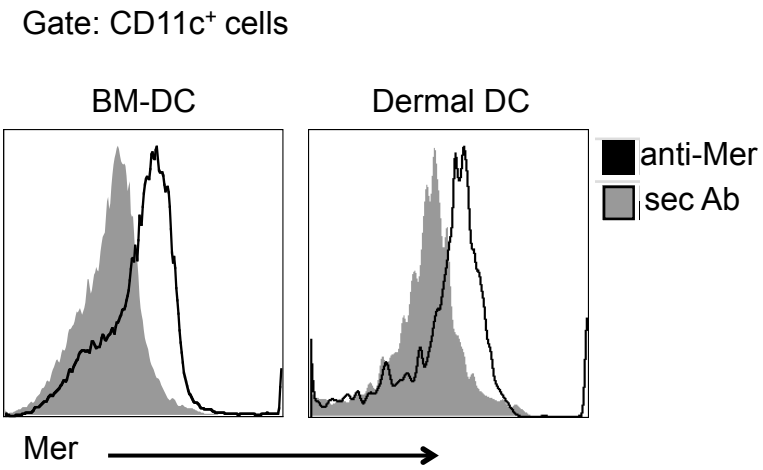

Figure S4. Mer expression on bone marrow derived-DCs and dermal DCs. Representative histogram plot of Mer expression on $CD11c^+$ gated cells, anti-Mer (black line) and isotype control (gray filled) stained cells.

Supplementary figure 5

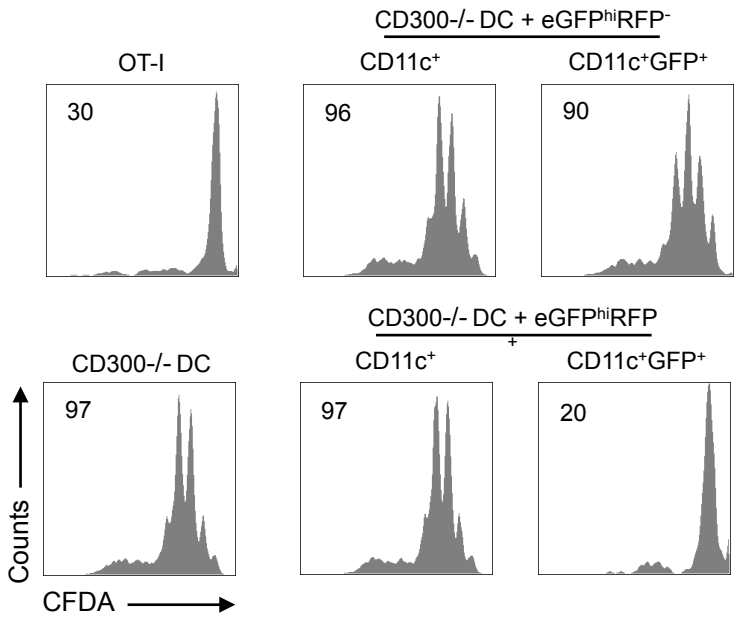

Figure S5. Antigen presentation function of CD300f-deficient DCs that have captured *L. major*-infected and uninfected neutrophils. CD300f $^{-/-}$ DCs were cultured or not with eGFP^{hi}RFP^{-} and eGFP^{hi}RFP^{+} dermal neutrophils for 12-16 hrs. Sorted CD11c^{+}, CD11c $^{+}$GFP^{-} and CD11c^{+}GFP^{+} cells were cultured with CFDA-labeled OT-I CD8^{+} T cells for three days, in presence of OVA antigen. Representative histogram plots of CFDA fluorescence of CD8^{+}CD3^{+} gated cells showing the proliferative response. Numbers represent the frequency of cells with reduced CFDA content.

Supplementary figure 6

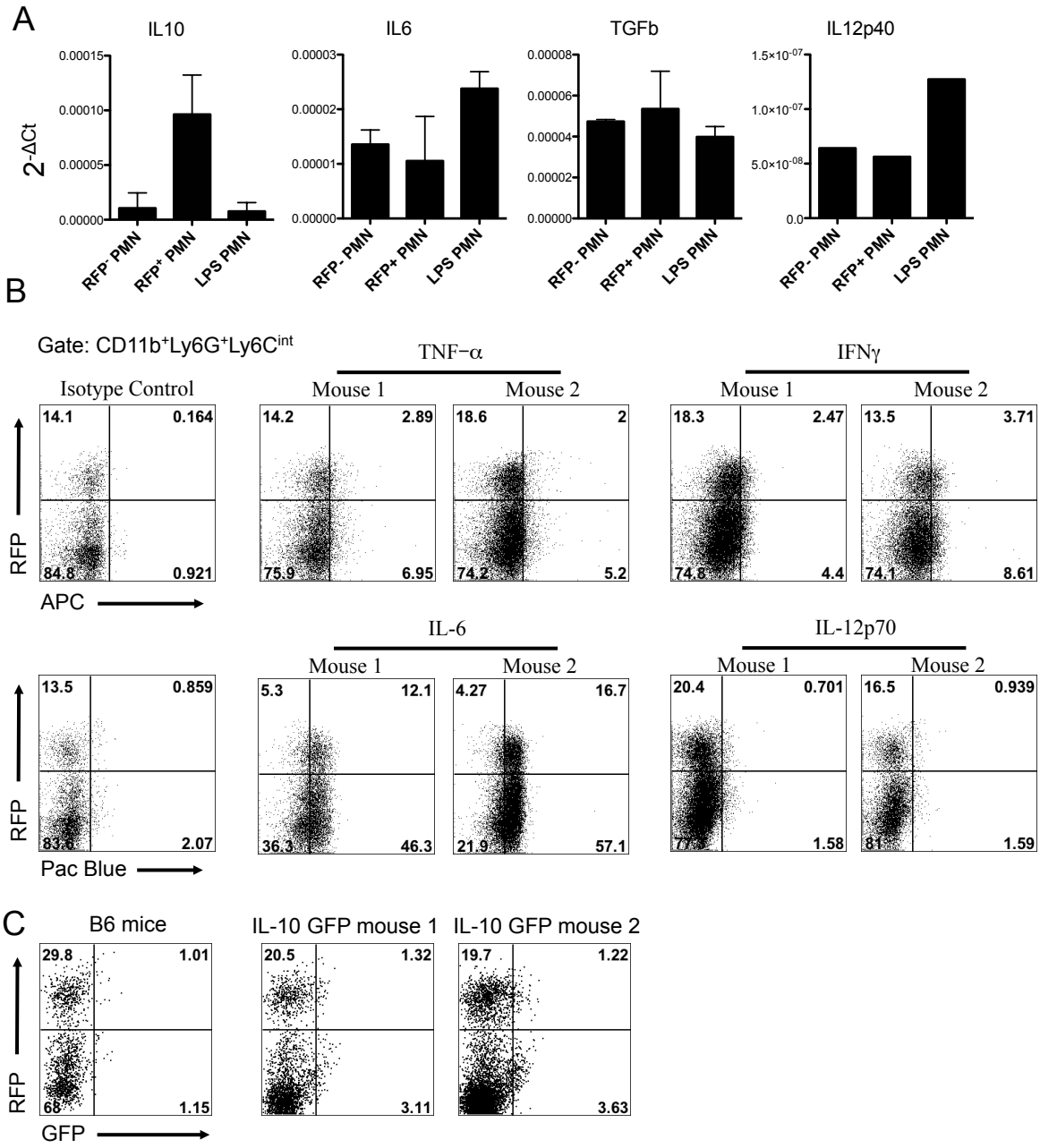

Figure S6. Cytokine expression in *L. major*-infected and uninfected neutrophils. (A) eGFP^{hi} neutrophils recovered from the ear dermis 12 hrs after infection with 2 x10^6 *Lm*-RFP metacyclic promastigotes or injection of 10 ng of LPS were sorted to obtain uninfected eGFP^{hi}RFP$^-$ and infected eGFP^{hi}RFP$^+$ neutrophils, and in situ LPS stimulated neutrophils. Dermal neutrophils were immediately processed for isolation of RNA and cytokine gene expression was measured by real-time PCR. (B) CD11b$^+$Ly6G$^+$Ly6C^{int} dermal neutrophils recovered 12hrs after infection with 2 x10^6 *Lm*-RFP metacyclic promastigotes were analyzed for the expression of RFP and intracellular cytokines. (C) CD11b$^+$Ly6G$^+$Ly6C^{int} neutrophils recovered 12 hrs after injection of 2 x10^6 *Lm*-RFP metacyclic promastigotes into the ear dermis of IL-10 GFP mice were analyzed for the expression of RFP and GFP signal.