

Supplemental Figure 1.

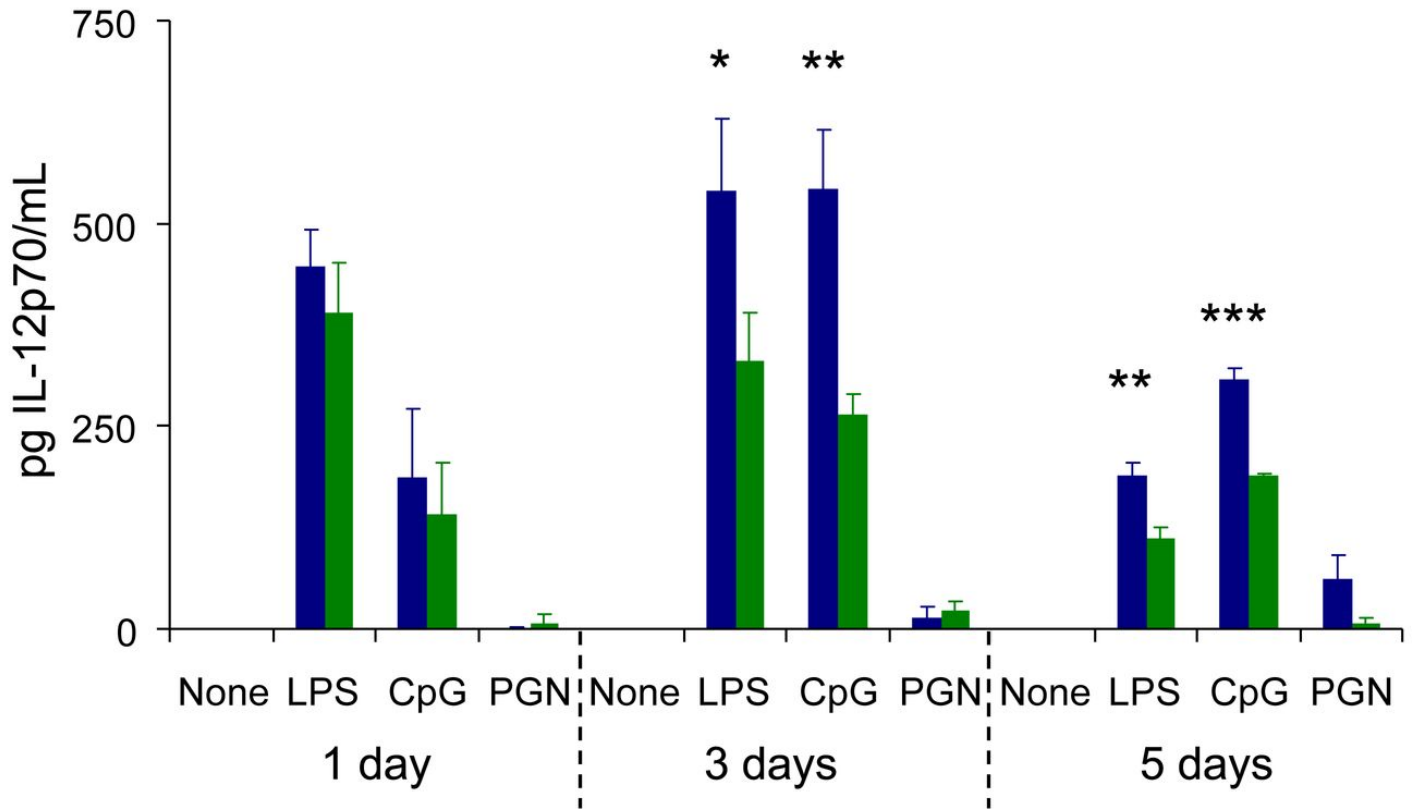
IRAK-M^{-/-} DCs show enhanced activity following stimulation through multiple TLRs. DCs were stimulated for 1, 3, or 5 days with LPS (100ng/mL), CpG (1 μ M), PGN (5 μ g/mL), or left unstimulated as indicated. A: Media was removed and subjected to IL-12p70 ELISA. Results shown are averages of three independent experiments. B: Viable and mature (CD11c+CD80+CD86+) DCs were enumerated using quantitative flow cytometry. Results are shown as fold change relative to unstimulated wildtype DCs, set equal to 1 and indicated by dotted line.

Supplemental Figure 2.

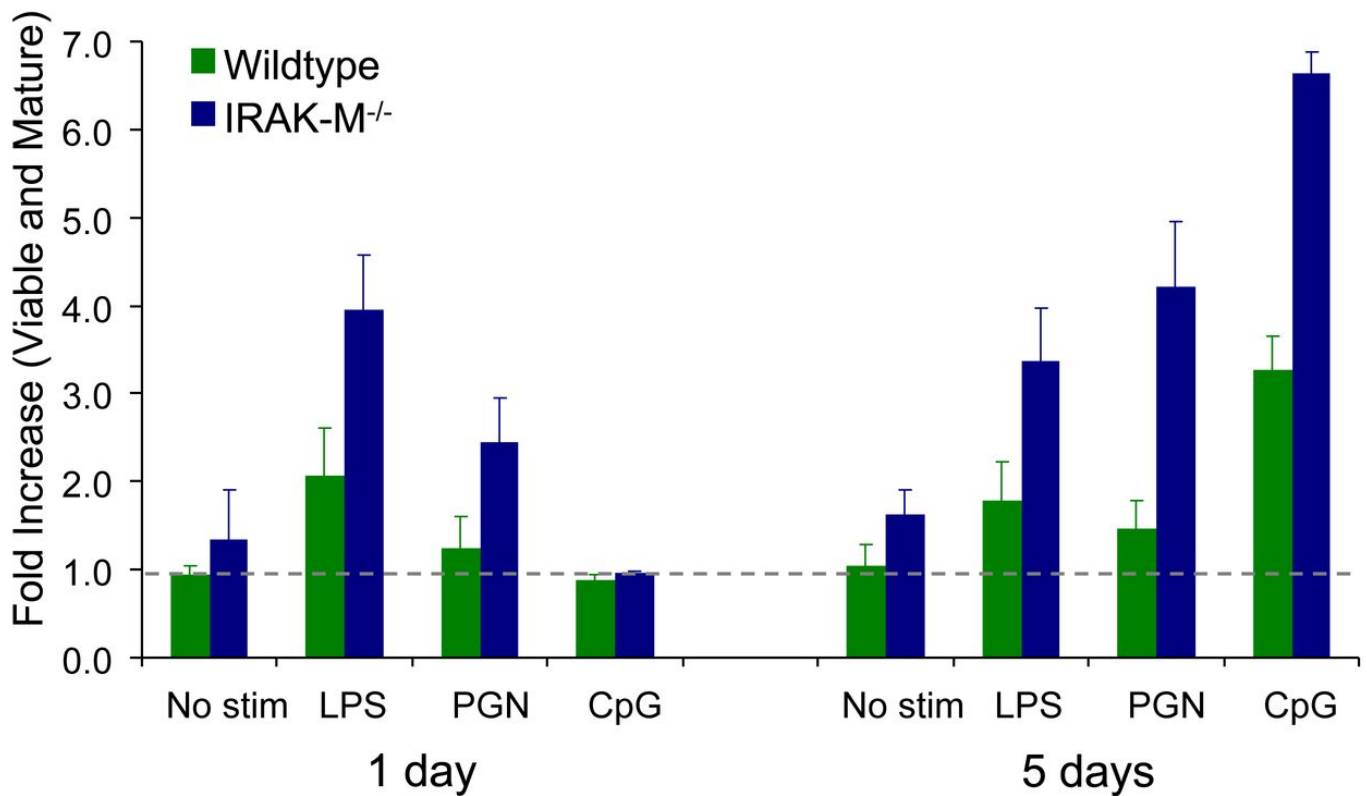
Vaccination with IRAK-M^{-/-} DCs results in an enhanced immune response (cumulative IFN- γ data). Naïve C57BL/6 mice were vaccinated in the left footpad with a single dose of 1x10⁶ OVA-pulsed, LPS-matured wildtype or IRAK-M^{-/-} DCs, or PBS control. Mice were euthanized at indicated timepoints and inguinal lymph nodes were re-stimulated overnight with OT-I and OT-II peptides (10 μ g/mL each) with GolgiPlug (brefeldin A) added during the last 6 hours of culture. Cells were harvested, washed, and analyzed by intracellular staining for IFN- γ . Each mouse is plotted as a point with 13 \leq n \leq 20 for each day.

Supplementary Figure 1

A



B



Supplemental 2

