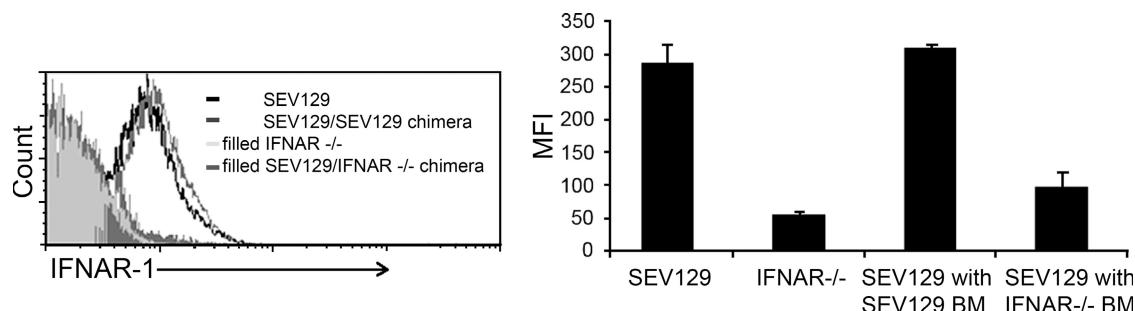
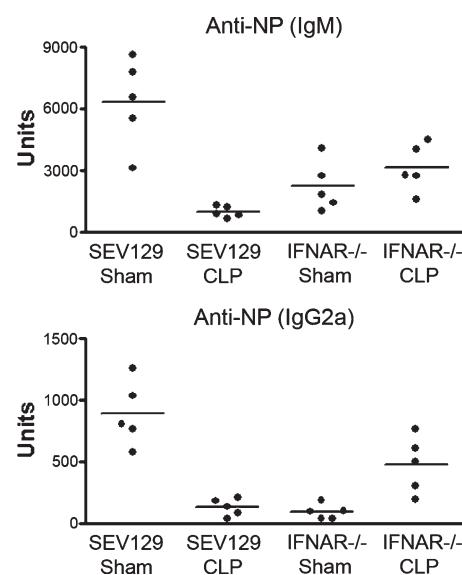


## SUPPLEMENTAL MATERIAL

Kelly-Scumpia et al., <http://www.jem.org/cgi/content/full/jem.20091959/DC1>

**Figure S1. Verification of chimeras.** Blood was collected from chimeras 14 d after reconstitution and was stained for the IFNAR1 subunit of IFNAR. The histogram represents flow cytometry data from one control SEV129 mouse, one control IFNAR<sup>-/-</sup> mouse, one SEV129 mouse with SEV129 BM chimera, and one SEV129 mouse with IFNAR<sup>-/-</sup> BM chimera. The bar graph represents the mean fluorescence intensity of the IFNAR1 subunit of IFNAR for three animals per group, and chimeras were verified in one experiment. In addition, for each experiment, some irradiated mice received no cells to verify that total BM ablation was achieved ( $P < 0.001$  using one-way ANOVA). MFI, mean fluorescence intensity.



**Figure S2. Adaptive immune antibody responses to NP-KLH immunization.** At the time of CLP, mice received a single subcutaneous injection of 100 ng NP-KLH (19 conjugations) emulsified in alum. Sera was collected 14 d later and anti-NP-KLH ELISAs were performed. Units are arbitrary and were determined using serially diluted sera known to have high anti-NP-KLH antibodies. (A) Anti-NP-KLH IgM antibody responses ( $P < 0.001$  for SEV129 sham vs. CLP;  $P > 0.05$  for IFNAR<sup>-/-</sup> sham vs. CLP). (B) Anti-NP-KLH IgG2a antibody responses ( $P < 0.001$  for SEV129 sham vs. CLP;  $P < 0.001$  for IFNAR<sup>-/-</sup> sham vs. CLP). Experiments were performed two independent times with five mice with similar results. Graphs represent one experiment. Horizontal bars indicate means.