Figure S1. IFN-β production in RIG-I−/− and Mda5−/− MEFs is strain dependant. 10⁴ MEFs were infected with an MOI of 10⁻³ for 24 h. At 24 h, RNA was extracted and mouse IFN-β was monitored by quantitative RT-PCR. (A) The results shown are the mean of three different experiments obtained with one embryonic cell line derived from Rig-I−/− animals (ICR / 129 / C57BL/6 mixed background). FluΔNS1 was used as a positive control. It is of note that the effect reported in this paper was variable and reproducible in only three of five Rig-I−/− lines. (B) For Mda5, we obtained MEFs from two different strains. IFN-β production is shown for both Mda5−/− (129 background) fibroblasts and Mda5−/− (ICR/129/C57BL/6 mixed background). The respective controls are shown (denoted as WT). Data represents the mean of three experiments and error bars indicate one SD.

Figure S2. Viral load in IFNAR−/− mice infected with CHIKV-21 and CHIKV-GFP. IFNAR−/− mice were infected ID with 100 PFU CHIKV. Mice were analyzed 2 d after injection. Viral load in serum and tissues were quantified by TCID₅₀. Data are representative of two independent experiments and show mean viral load (n = 4–6 mice). Error bars indicate one SD.