

S1 File

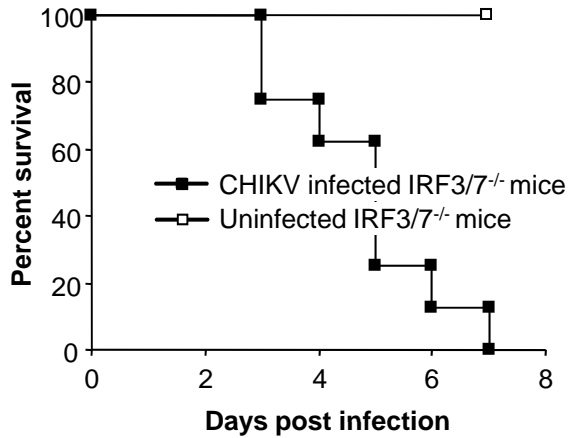


Figure A (a) Survival of IRF3/7^{-/-} mice with and without i.p. inoculation of 2×10^4 CCID₅₀ CHIKV. All infected mice showed clinical signs requiring euthanasia within 7 days (n=8). The survival curve is similar to that reported previously for IRF3/7^{-/-} mice infected with the same dose via s.c. injection into the feet (Rudd et al., 2012).

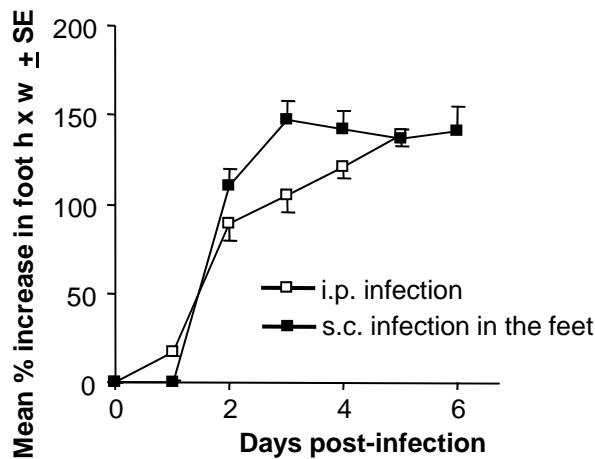


Figure A (b) Foot swelling in IRF3/7^{-/-} mice infected via s.c. injection into the feet (Rudd et al., 2012) or via i.p. inoculation (2×10^4 CCID₅₀). Both routes of infection result in significant overt foot swelling (n=3-7 mice per group and time point).

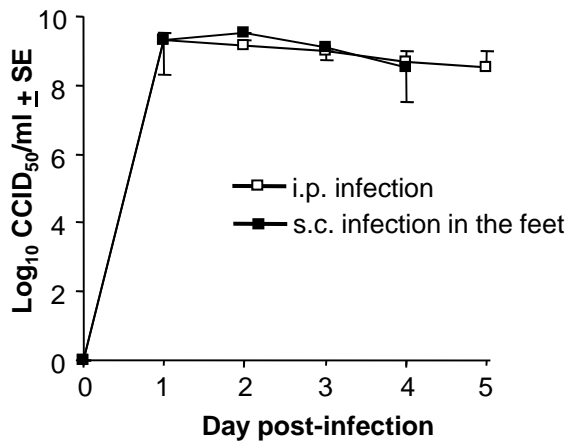


Figure A (c) Viraemia in IRF3/7^{-/-} mice infected via s.c. injection into the feet (Rudd et al., 2012) or via i.p. inoculation (2×10^4 CCID₅₀). Both routes of infection result similar viraemia levels (n=3-5 mice per group and time point).

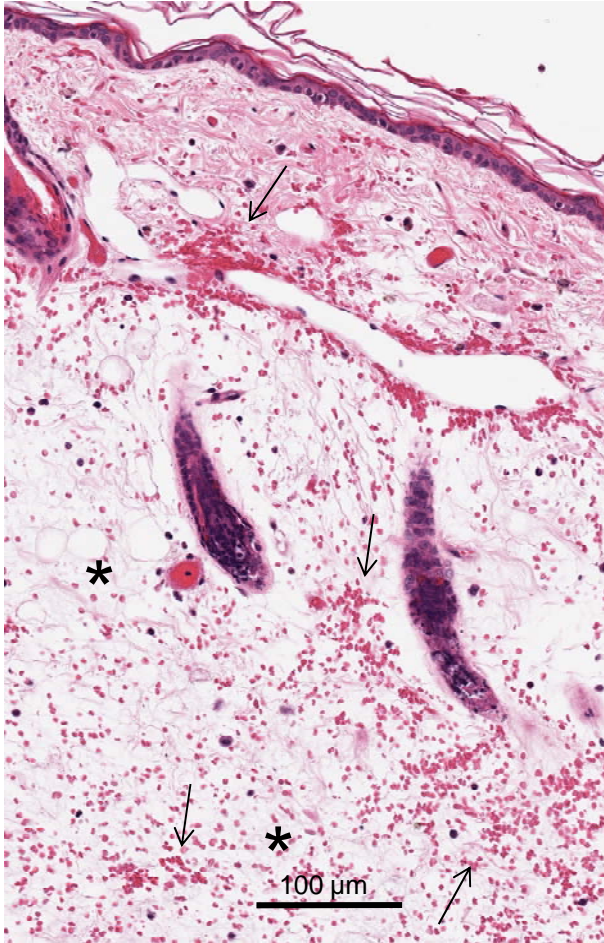
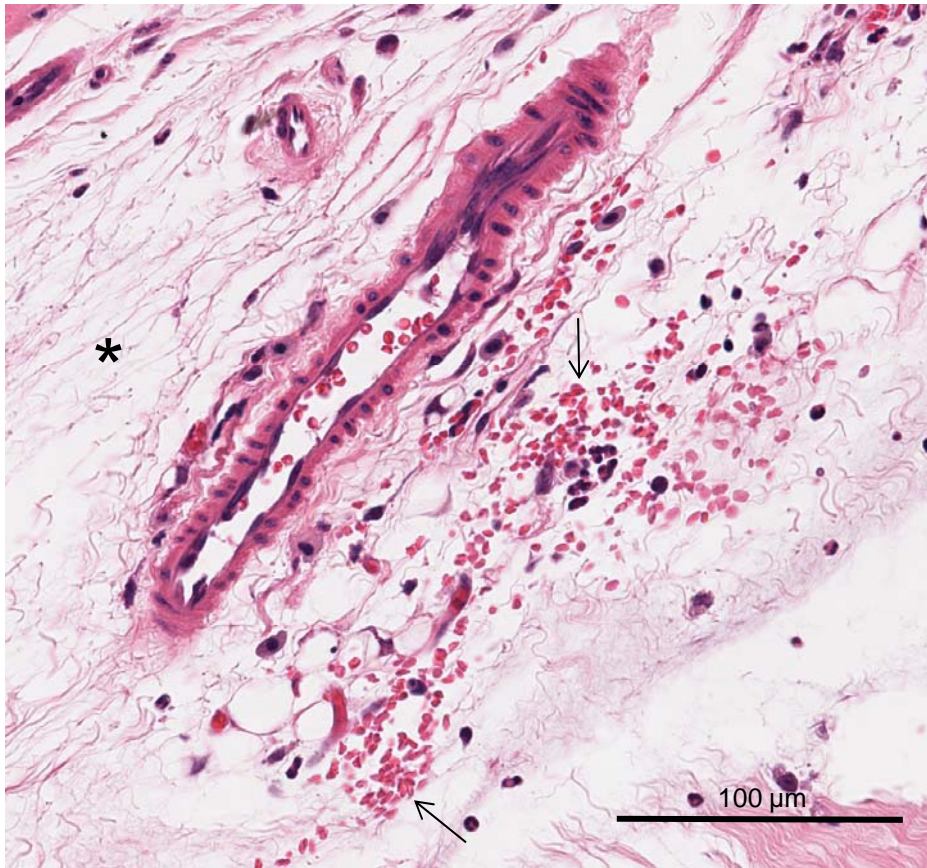


Figure A (d) H&E staining of foot sections of IRF3/7^{-/-} mice day 5 after i.p. inoculation of 2×10^4 CCID₅₀ CHIKV. Clear signs of haemorrhage (arrows) and edema (*) were evident similar to that described after s.c. inoculation (Rudd et al. 2012).

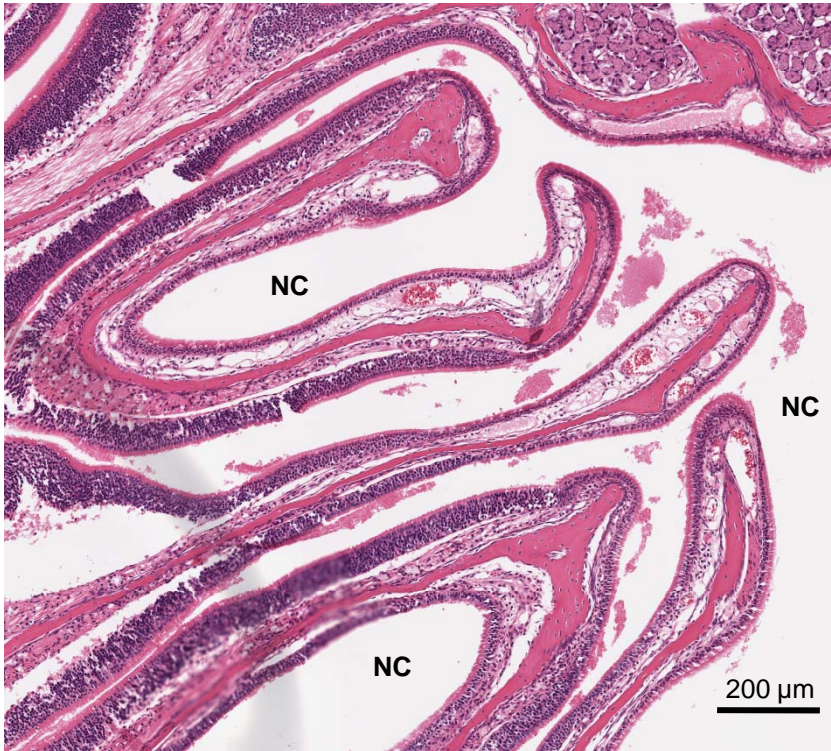
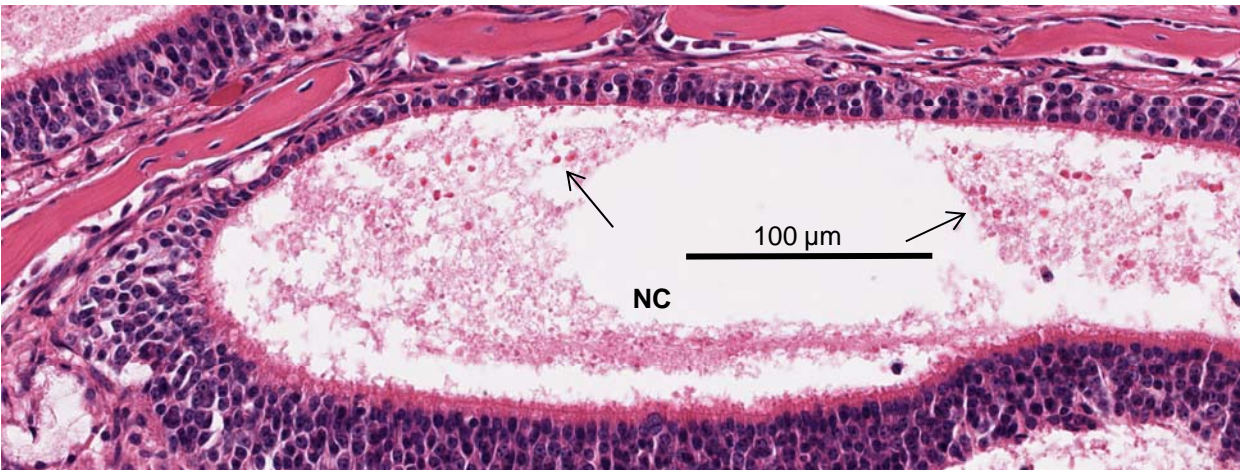
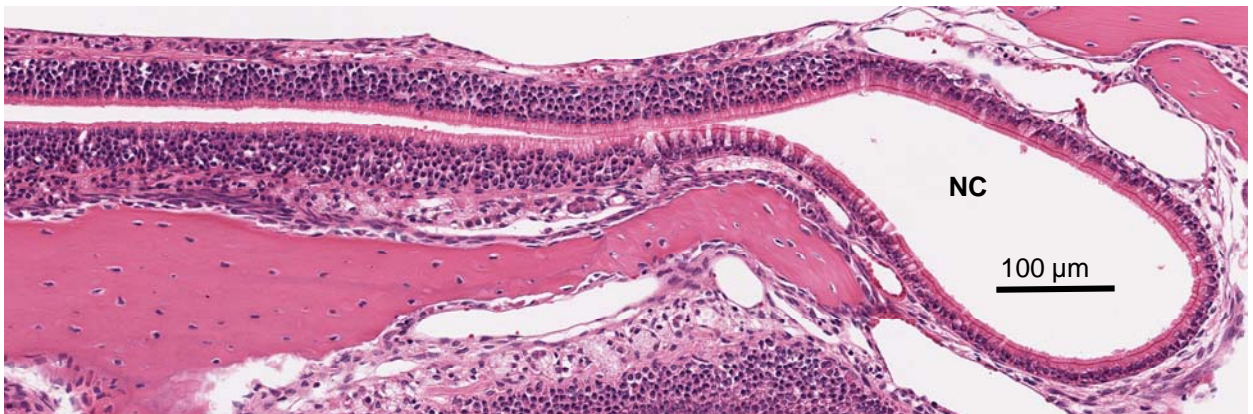


Figure B. H&E of head sections showing nasal cavities of C57BL/6 mice day 5 post i.p. inoculation of CHIKV (2×10^4 CCID₅₀). No overt hemorrhagic epithelial lesions were found. Occasionally (2 instances in one mouse out of 3 examined) a small number of red blood cells were seen in the nasal cavity (bottom image, arrows). NC – nasal cavity.



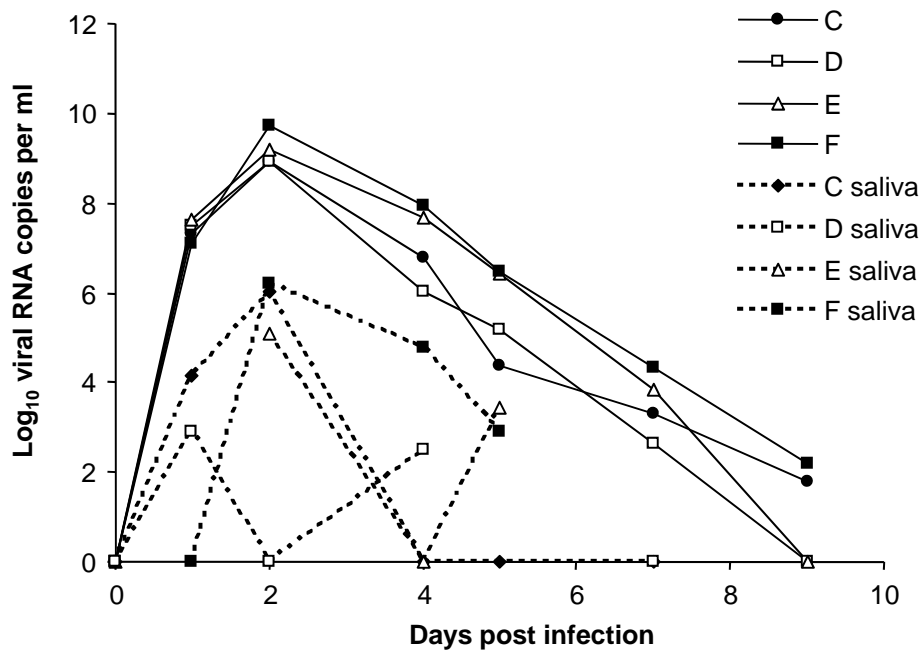


Figure C. Graphical representation of the viral RNA data provided in Table 3 for animals C to F.