

Supplemental Figures

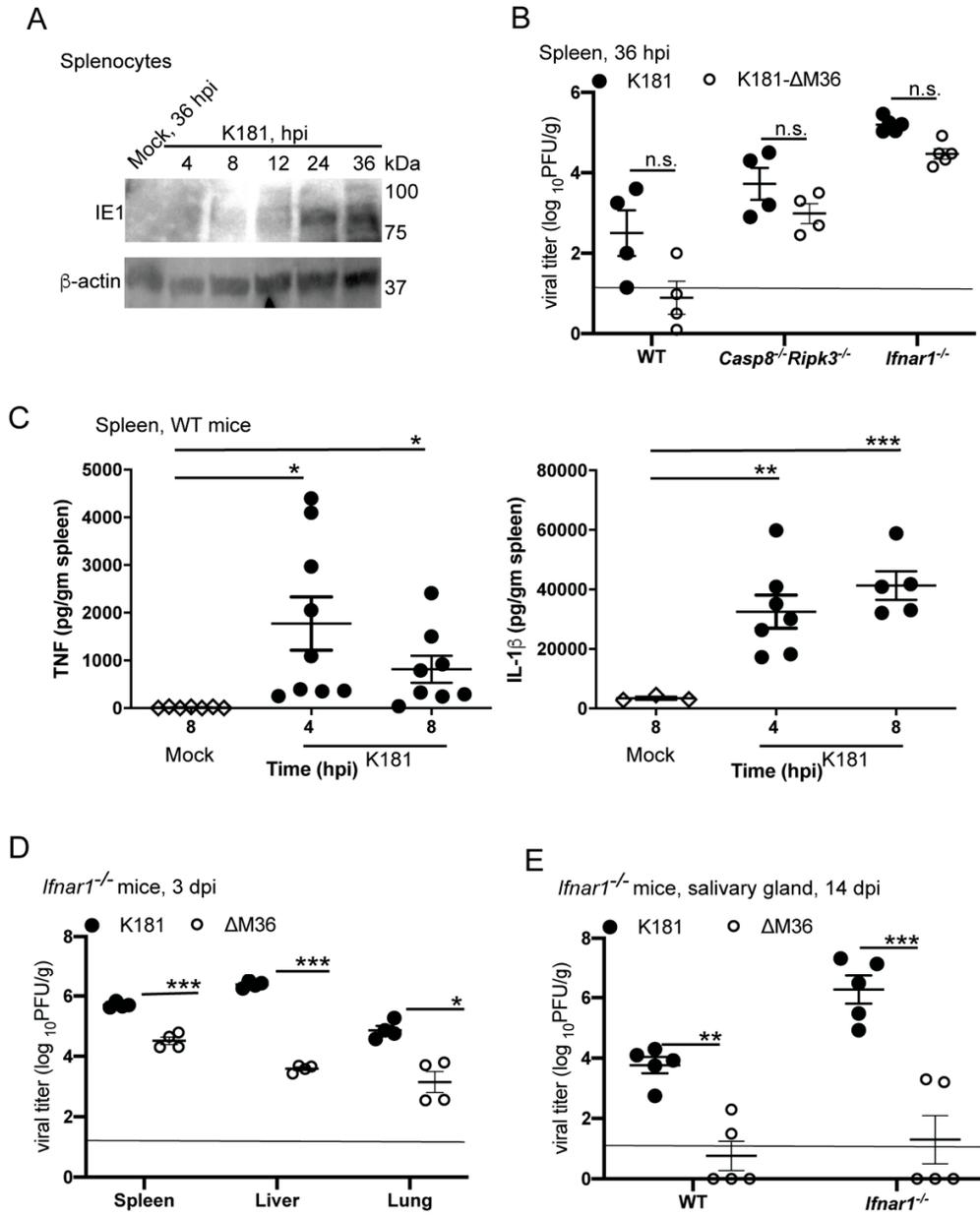


Figure S1. Role of CASP8 and type I IFN signaling during MCMV replication *in vivo*. A. IB blot to determine IE1 (89 kDa) expression levels with β -actin (38.5 kDa) loading control in splenocyte protein lysates extracted from spleens of WT mice inoculated intratracheally with 10^6 PFU K181 at indicated times post infection. Each lane represents lysate from a single mouse. Mock splenocytes were harvested from media-inoculated mouse at 36 hpi. B. Viral titer in spleens from WT, *Casp8^{-/-}Ripk3^{-/-}* or *Ifnar1^{-/-}* mice at 36 hpi with indicated viruses. All *in vivo* infections were performed as described for IB of IE1 (A). Each data point represents one mouse. Line inside graph indicates limit of detection for spleen (~18 PFU/g). C. TNF and IL-1 β quantities in splenic lysate from WT mice infected with K181 at 4 or 8 hpi. Data are from two independent experiments. D and E. Viral titer in indicated organs from *Ifnar1^{-/-}* at 3 dpi (C) or 14 dpi (D). Line indicates limit of detection for each organ for indicated time points (~20 PFU/g at either 3 or 14 dpi). Data is from 1 experiment for each group. Lines top of data points indicate statistical comparison by paired t test using Welch's correction between groups such that *is <0.05, **is < 0.01, ***<.001 and n.s. represents non significant.

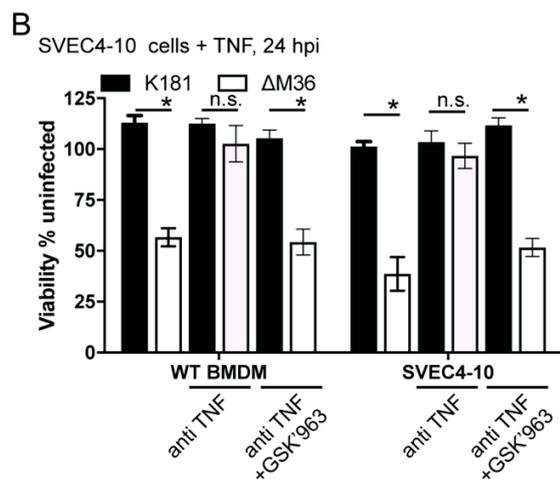
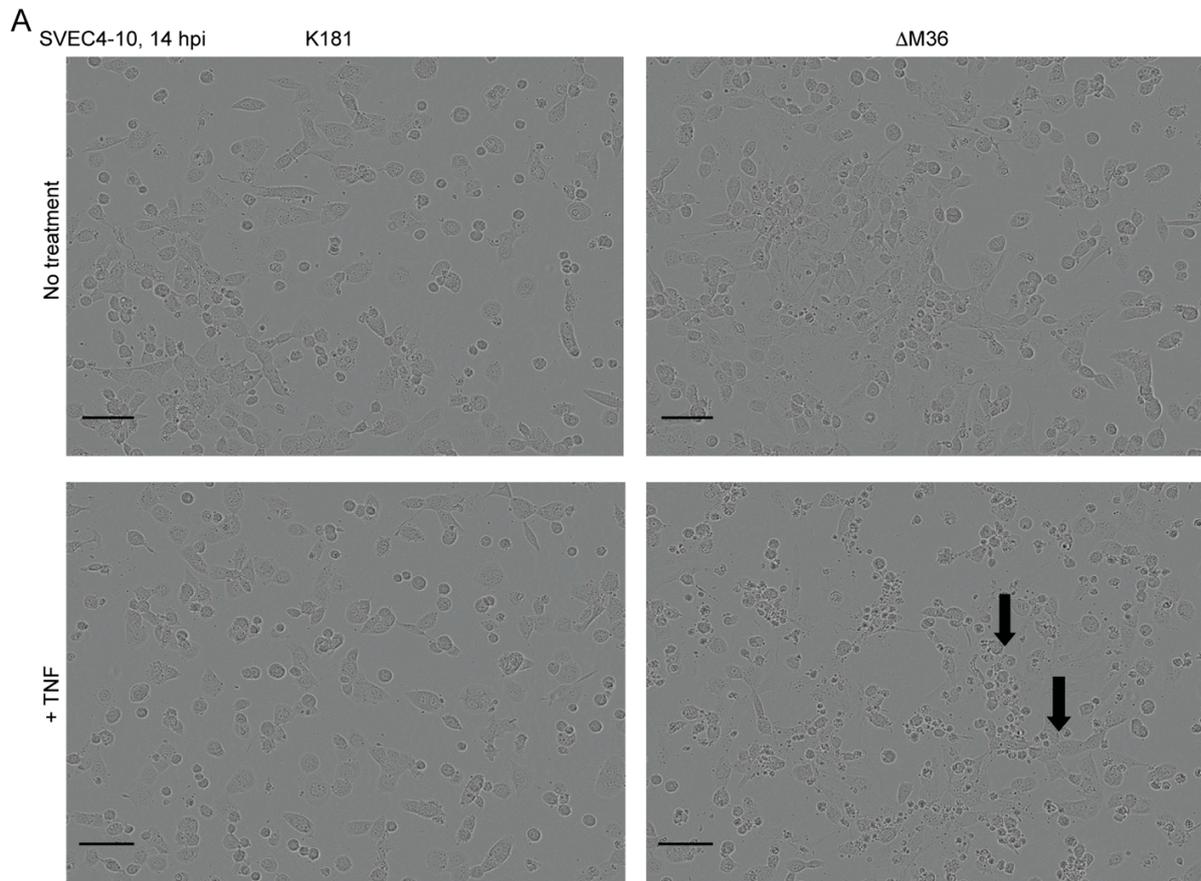


Figure S2. TNF-induced apoptosis in Δ M36-infected endothelial cells. A. Images of K181-or Δ M36-infected SVEC4-10 cells in absence or presence of TNF. Arrows indicate appearance of apoptotic morphology and bars indicates 200 μ M resolution where images were captured by IncuCyte. Pictures are representative from two independent experiments each containing two replicates for all conditions. B. Relative viability of Δ M36-infected, TNF-treated WT BMDM and SVEC4-10 cells, in presence of neutralizing anti-TNF (100 ng/ml) or GSK'963 (5 μ M). Graphs show pooled data from one experiment for each condition with 3 replicates. Lines above bars indicated the two groups compared for significance values using paired, parametric Student's t-test where * is < 0.05, and n.s. represents non-significant.