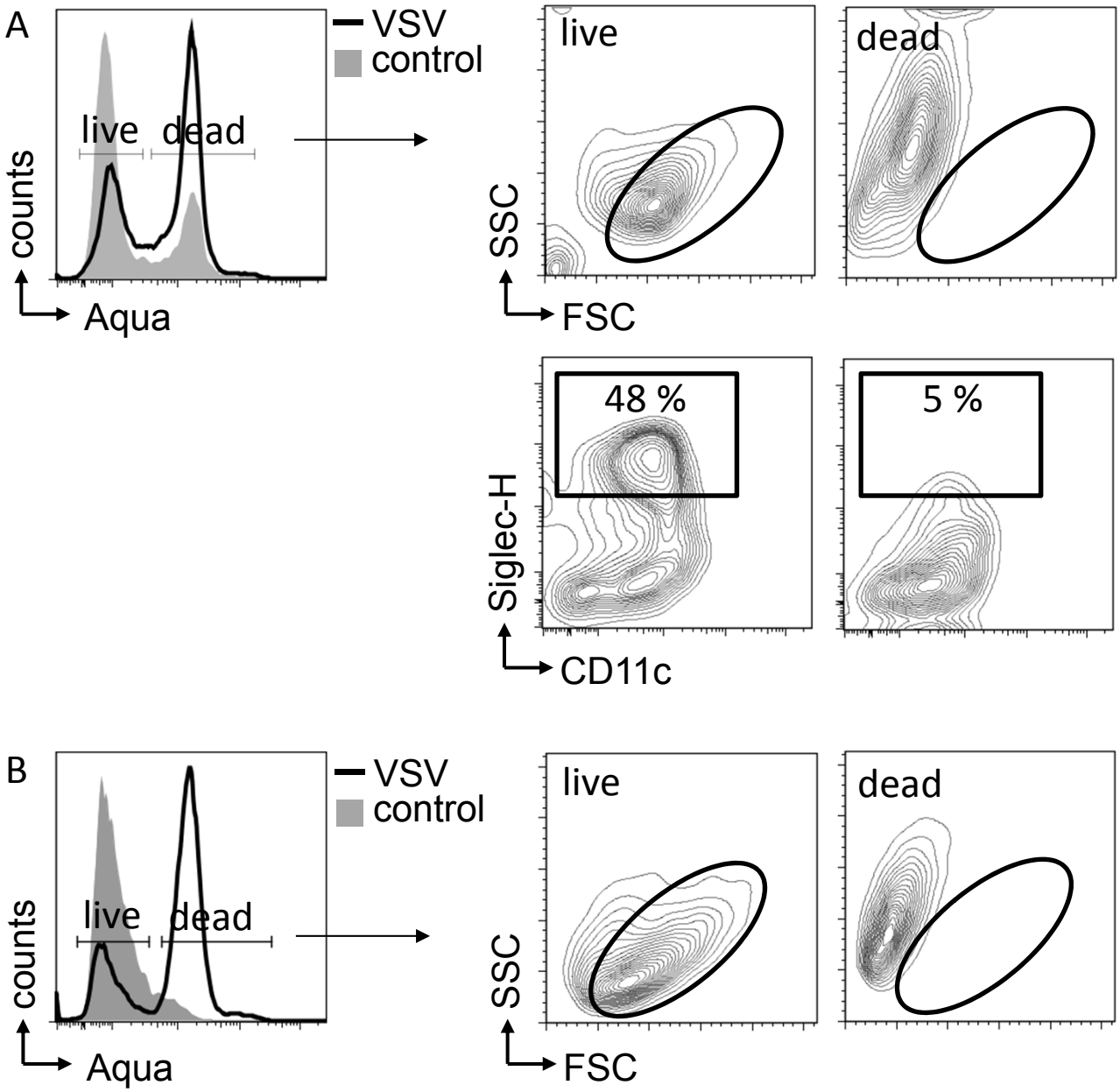
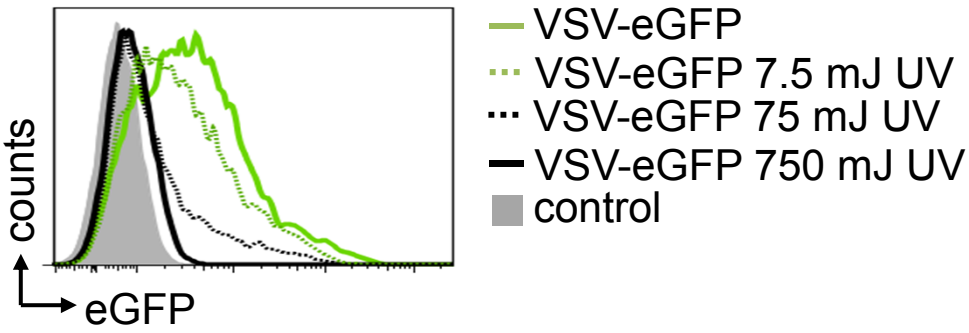
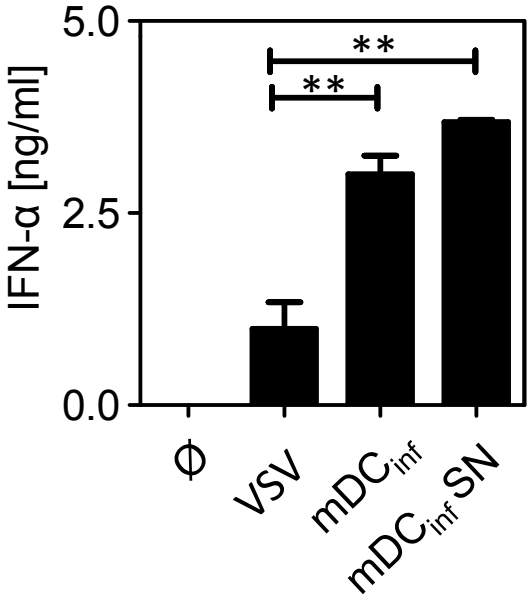


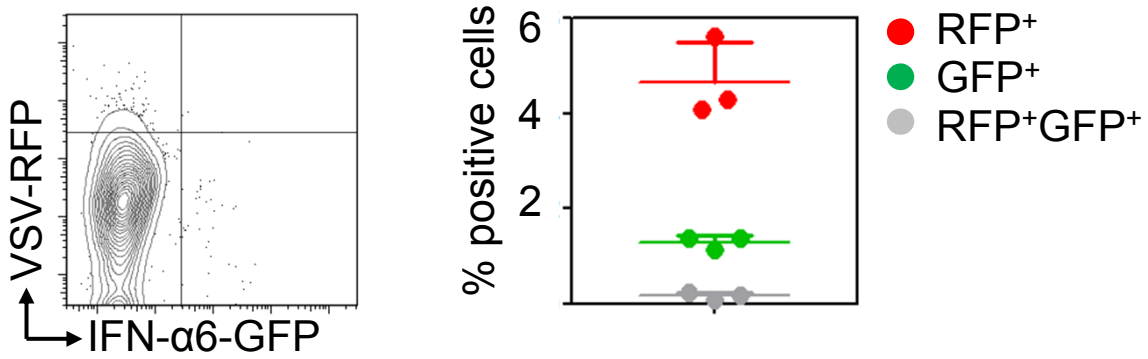
Suppl. Figure 1: Viability of BM-pDC and BM-mDC is reduced 18 hours after VSVeGFP infection. A BM-derived C57BL/6 pDC were stained with LIVE/DEAD® Fixable Aqua Dead Cell Stain Kit (BD) 18 hours post infection to determine cell viabilty by flow-cytometry. The appearance of living and dead cells was discriminated by FSC/SSC analysis. Dying cells lose the expression of pDC surface marker Siglec-H upon infection. **B** mDC were stained with Aqua 18 hours post infection to determine cell viabilty by flow-cytometry. The FSC/SSC of gated living and dead cells differed significantly. Thus, BM-pDC and BM-mDC viability was decreased upon VSVeGFP infection.



Suppl. Figure 2: UV-irradiation of VSVeGFP prior to infection reduces eGFP expression of infected cells. C57BL/6 BM-mDC were stimulated with VSVeGFP or UV-irradiated VSVeGFP at MOI 10 for 18 hours. UV-irradiation of VSVeGFP was carried out using an UV-crosslinker with the indicated energy (mJ/cm^2 in 1 cm^2 wells). After stimulation CD11b$^+$/CD11c$^+$ mDC were analyzed in the life gate by flow-cytometry for eGFP-expression. BM-mDC stimulated with high dose UV-irradiated VSVeGFP showed no eGFP fluorescence, indicating that VSV-replication was needed for eGFP-expression.



Suppl. Figure 3: VSV-infected BM-mDC as well as supernatants of VSV-infected BM-mDC stimulate pDC to produce IFN-α. C57BL/6 BM-mDC were infeceted with VSV at MOI 10. 18 h post infection cells and supernatants were harvested. C57BL/6 BM-pDC were either stimulated with VSV-infected BM-mDC at a ratio of 1:1 or with 1 ml of supernatant (SN) per 10^6 cells. As a control pDC were infected directly with VSV at MOI 10. Cell-free supernatants of stimulated pDC were collected after 18 h of stimulation and IFN-α was determined using an ELISA method. Stimulation of BM-pDC with infected BM-mDC as well as supernatants of infected BM-mDC induced strong IFN-α responses.



Suppl. Figure 4: VSV-RFP-uninfected, but not VSV-RFP-infected, pDC express IFN-α6. BM-pDC prepared from MOA (IFN-α6-GFP) reporter mice were stimulated with VSV-RFP at MOI 10 for 18 h. After stimulation Siglec-H$^+$ pDC were analyzed by flow-cytometry for RFP-expression as a marker of infection, and GFP-expression as a marker for IFN-α6 expression. The percentage of RFP$^+$, GFP$^+$ or RFP$^+$GFP$^+$ double potitive cells is indicated with mean and SD. A small fraction of BM-pDC was infected with VSV-RFP, as indicated by RFP-expression. However, GFP was exclusively expressed by RFP$^-$ BM-pDC, i.e. uninfected cells.