Suppl. Fig 4 Analysis of influenza-induced apoptosis. (a) Apoptotic cells are detectable by TUNEL staining (green). Ten random fields were quantified for each of 9 - 10 mice per time-point. (b) Percent TUNEL-positive cells peaked on 9 dpi. Quantification of TUNEL-positive cells was performed using Imaris on 10 randomly selected fields. Individual animals are indicated by open circles. Median is indicated by horizontal bar. Statistical analysis shows *p < 0.05 compared to uninfected controls according to two-tailed Mann-Whitney. (c) Western analysis shows that cleaved caspase 3 levels are highest on 9 dpi. Results are representative from among seven independent experiments. (d) Quantification of western results show that the levels of cleaved caspase 3 are significantly higher than controls on 7 – 13 dpi. Quantitative data is derived from n = 7 mice for seven independent experiments. *p < 0.05 compared to control; Wilcoxon Sign Rank test.