Suppl. Fig. 5 Quantification of damaged bases present in genomic DNA isolated from control and infected lung tissue. (a) ELISA measurement of 8-OH-dG. The levels of 8-OH-dG in nuclear DNA of whole mouse lungs were not significantly different between infected and uninfected mice. Open circles indicate individual mice with three mice per time-point. Medians indicated by horizontal bars. (b) Mass spectrometry quantification of 8-OH-dG, (c) εdA, (d) εdG and (e) hypoxanthine. Uninf. shows results for mock-infected mice instilled with PBS alone. For 0 dpi, mice were infected with PR8 and euthanized immediately thereafter. For b-e, results show mean ± SD for n = 3 mice for each time-point; except 3 dpi (n = 2) and 13 dpi (n = 4) for εdA; 3 dpi (n = 2) for 8-OH-dG and εdG; 0, 5, 9 dpi (n = 2) for hypoxanthine.