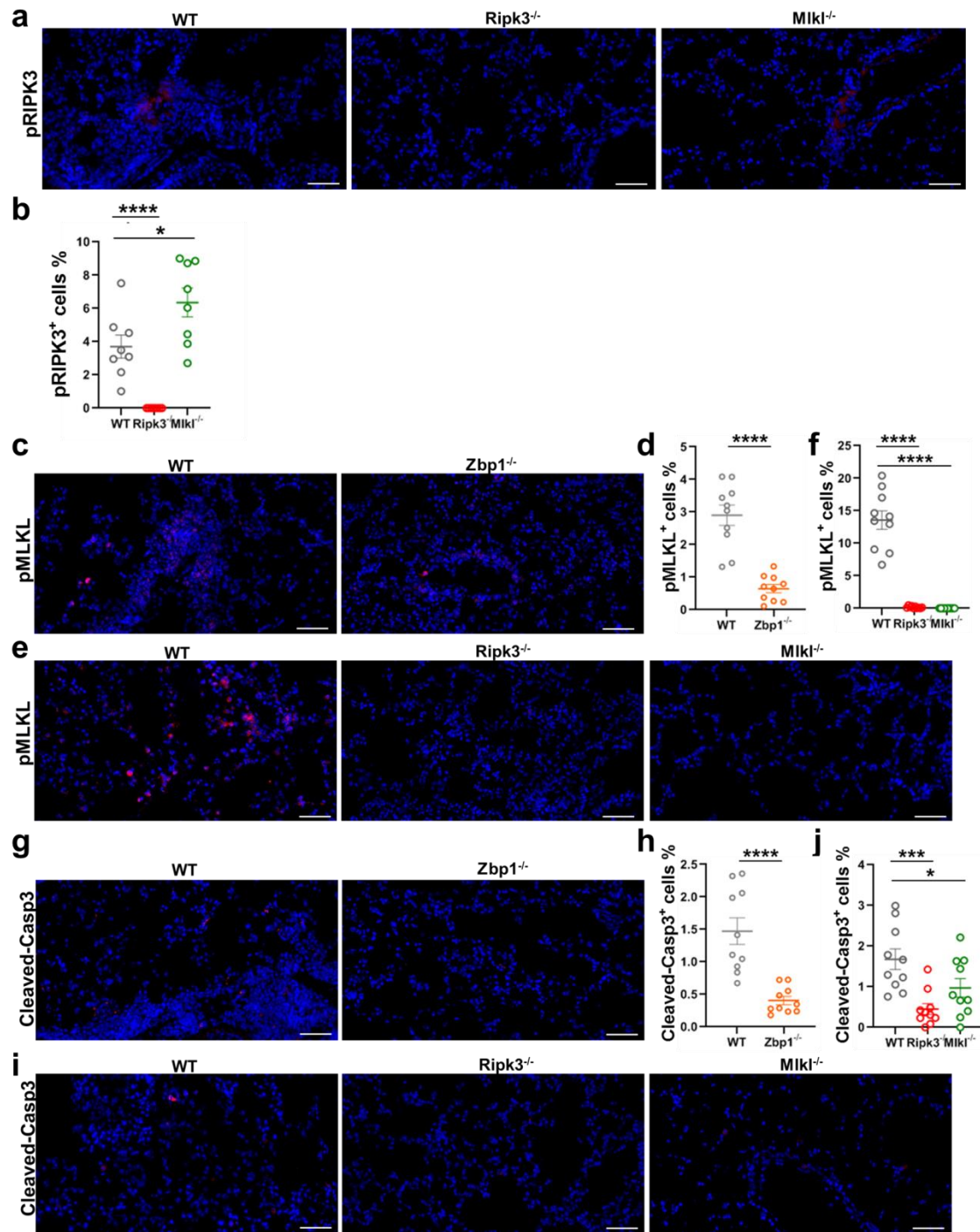




Supplementary information, Fig. S8 Analysis of RIPK3, MLKL phosphorylation and cleaved-Casp3 in the lung sections of SARS-CoV-2 infected mice. a-b Ad5-hACE2 transduced Ripk3^{-/-}, Mlkl^{-/-} mice or wild-type control mice were infected with SARS-CoV-2 (1×10^5 TCID₅₀). Lung samples were harvested at 2 dpi. Phosphorylated RIPK3 was stained (red signal). Bar: 50 μ m. Quantitative analysis of positive cells was performed with ImageJ. **c-f** Immunostaining of phosphorylated

MLKL in lung sections of Ad5-hACE2 transduced and SARS-CoV-2 infected Zbp1^{-/-}, Ripk3^{-/-}, Mlkl^{-/-} or wild-type control mice. Bar: 50 μ m. Quantitative analysis of positive cells was performed with ImageJ. **g-j** Immunostaining of cleaved-Casp3 in lung sections of Ad5-hACE2 transduced and SARS-CoV-2 infected Zbp1^{-/-}, Ripk3^{-/-}, Mlkl^{-/-} or wild-type control mice. Bar: 50 μ m. Quantitative analysis of positive cells was performed with ImageJ. Data shown are means $\pm$ SEM. Statistical significance was analyzed by student's t test. * $P < 0.05$; *** $P < 0.001$; **** $P < 0.0001$.