

Figure S3 The expression of RIPK1 and RIPK3 in the lungs of control and COVID-19.

**a-b**. IHC (**a**) and scRNAseq analysis (**b**) of RIPK1 expression in the lungs from control and COVID-19 patients. Scale bars:  $80~\mu m$ 

 ${f c}$ - ${f d}$ . Immunohistochemistry of RIPK3 (Scale bars: 20  ${\mu}m$ ) and p-RIPK3 (scale bars: 1 inch) in lung of severe COVID-19 patients and age-matched control ( ${f c}$ ). scRNA-seq analysis of RIPK3 expression in the lungs ( ${f d}$ ).