

Table S1 HE staining score for evaluating the inflammation in lung (Dong et al., 2021)

Score	Description
0	No inflammatory cells can be detected.
1	Inflammatory cells were occasionally observed.
2	Bronchi were surrounded by 1–3 layer of inflammatory cells.
3	Bronchi or vessels were surrounded by 4–5 layer of inflammatory cells.
4	Most bronchi or vessels were surrounded by more than 5 layers of inflammatory cells.

Table S2 Masson staining score (Zhou et al., 2016)

Score	Description
0 (-)	No pulmonary fibrosis.
1 (+)	Light degree of pulmonary fibrosis, lesion range <20% in the whole lung.
2 (++)	Moderate pulmonary fibrosis, lesion range ~20–50% in the whole lung.
3 (+++)	Severe pulmonary fibrosis, lesion range >50% in the whole lung, accompanied by alveolar fusion and lung parenchyma structural disorder.

Table S3 Primer sequences used for RT-qPCR

Gene name	Full name	Primer sequence (5'-3')
<i>Actb</i>	Actin, beta	Forward: GATATCGCTGCGCTGGTCG Reverse: CATTCCCACCATCACACCCT
<i>Acta2</i>	Smooth muscle actin	Forward: GTACCACCATGTACCCAGGC Reverse: GCTGGAAGGTAGACAGCGAA
<i>Mmp2</i>	Matrix metalloproteinase 2	Forward: GCCCCCATGAAGCCTTGTTT Reverse: TAGCGGTCTCGGGACAGAAT
<i>Mmp9</i>	Matrix metalloproteinase 9	Forward: AAAACCTCCAACCTCACGGA Reverse: CACAGCGTGGTGTTCGAATG
<i>Tgfb1</i>	Transforming growth factor, beta 1	Forward: ACTGGAGTTGTACGGCAGTG Reverse: GGGGCTGATCCCGTTGATTT