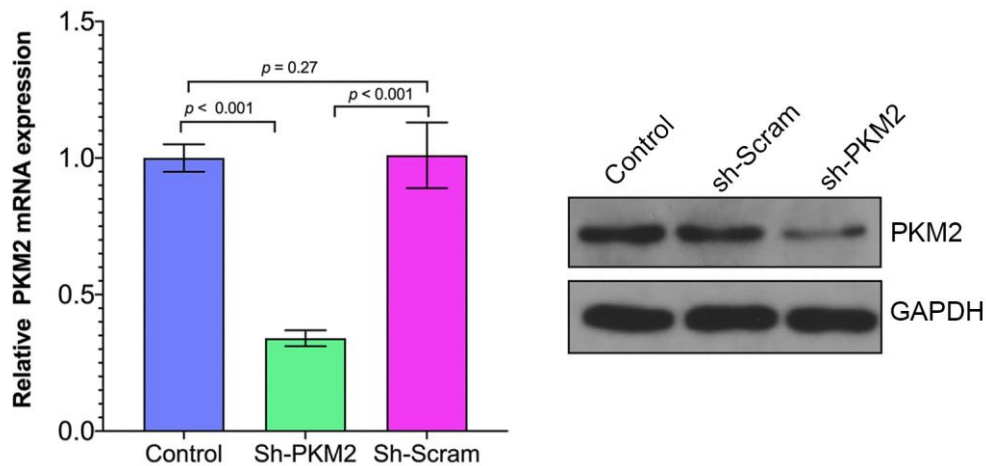


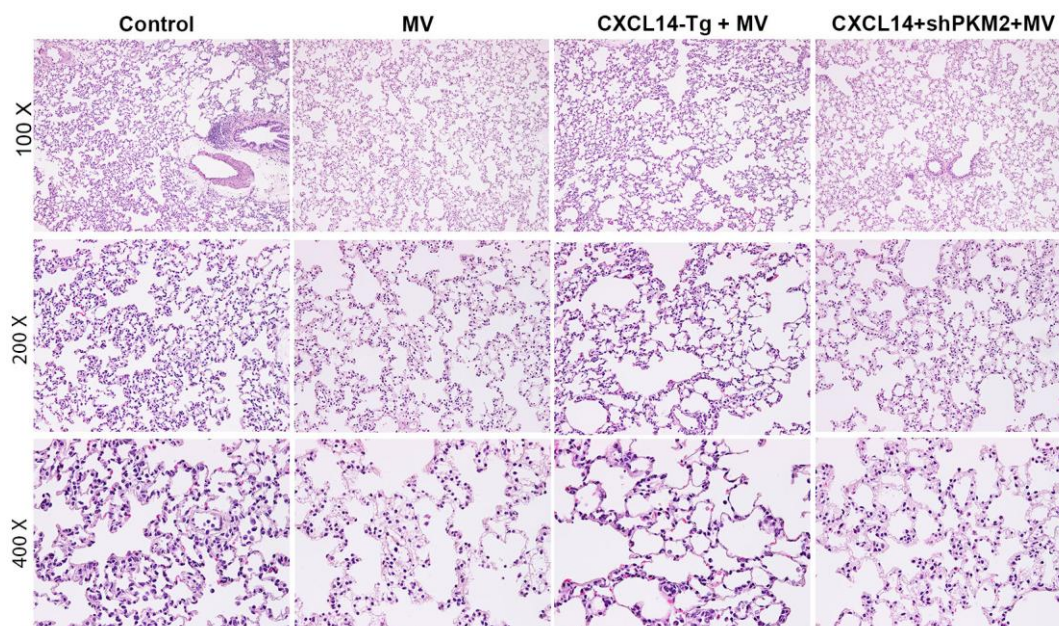
1 Supplementary materials



2

3 **Figure S1. Transfection of shPKM2 decreased pulmonary PKM2 expressions.**

4 PKM2 mRNA and protein expressions were determined by RT-PCR and
5 western-blot at 48 hours after Sh-PKM2 or Sh-Scram transfections. Our data
6 suggested that the transfection of Sh-PKM2 resulted in apparent decreases in
7 pulmonary PKM2 expressions.



8

9 **Figure S2. Histological evaluation of lungs after MV.** Histological evaluation under

10 light microscope were performed to determine the pulmonary injuries after MV. In
11 the present study, we observed apparent pulmonary edema, neutrophil infiltration and
12 slight hemorrhage of injured lungs. CXCL14 overexpression attenuates histological
13 damages; however, PKM2 overexpression abolished the protective effects of
14 CXCL14 against VILI.