



Figure S1 The expression of TGF-β1 and HMGB1. (A) qRT-PCR analysis of the mRNA levels of TGF-β1 in the lungs derived from different groups of rats. (B) ELISA analysis of the protein expression of HMGB1 in the BALF derived from normal, HDM, HDM + ALD, HDM + AMD, and HDM+AHD groups of rats. Error bars represent + SD. N=6 mice per group, *P<0.05, *vs.* normal; #P<0.05, *vs.* HDM. (D) mRNA levels of TGF-β1 in the lung tissues obtained from different groups of rats. (C) The protein levels of HMGB1 in the BALF obtained from HDM, HDM + AHD, HDM + AHD + AMGZ, and HDM + AHD + HMGB1 lentivirus groups of rats. Error bars represent + SD. N=6 mice per group, *P<0.05, *vs.* normal; #P<0.05, *vs.* HDM; \$P<0.05, *vs.* HDM + AHD. TGF-β1, transforming growth factor beta 1; HMGB1, high mobility group box 1; qRT-PCR, quantitative real-time PCR; ELISA, enzyme-linked immunosorbent assay; BALF, bronchoalveolar lavage fluid; HDM, house dust mite; ALD, Alutard SQ low dose; AMD, Alutard SQ middle dose; AHD, Alutard SQ high dose; AMGZ, ammonium glycyrrhizinate.