



Supplementary Fig. 5. HDM derived chitin induce inflammatory cytokines in lung epithelial cell and macrophages. MLE and MH-S cells were stimulated with isolated chitin (100 $\mu\text{g}/\text{mL}$) and levels of IL-6 and TNF- α were measured in culture supernatants. 5×10^5 cells were incubated in DMEM or RPMI 1640 media on 24 well plate. Cells were stimulated during 24 hours and then supernatants were harvested and evaluated. *** $P < 0.001$ relative to wild-type group. Bars in cytokine graphs mean sensitivity limitation.