



Supplementary information, Figure S7 Data of human AMs collaborate murine macrophage results. Human AMs were isolated from human BALF and then infected with PA14 WT, Δ TCR mutant and Δ lasR mutant at an MOI of 20:1 for 2 h. Secretion of TNF- α , IL-1 β and IL-6 in the medium was determined by ELISA (**A**) and transcripts of TNF- α , IL-1 β , IL-6, TLR2, TLR4, NF- κ B, Jak2 and Stat6 in human AMs were determined by qPCR after bacterial infection (**B-C**). (**D**) Human AMs were isolated from human BALF and then infected with PA14 WT, Δ TCR mutant and Δ lasR mutant at an MOI of 20:1 for 0, 15, 30 and 60 min. CLSM showed the production of TLR4 in human AMs using immunostaining. (**E**) CLSM showed the translocation of p-NF- κ B (p-p65) in MH-S cells using immunostaining. DAPI was used to stain the nucleus (arrows showing the nuclear translocation). Data are representative of three independent experiments expressed as means \pm SEM (n=3, one-way ANOVA with Tukey's post hoc; * $p \leq 0.05$; ** $p \leq 0.005$).