Supplemental Figure 1. Generation and validation of mice lacking TLR4 in sftpc1 lung epithelia. A. Outline of the breeding scheme; B-C: qRT-PCR (B) and Agarose gel PCR (C) showing the expression of TLR4 in the ileum and lung of wild-type (WT) and TLR4Δsftpc1 mice along with the housekeeping gene Rploa; D: qRT-PCR showing the expression of the pro-inflammatory cytokine TNF-α in the lung of either wild-type (WT) or TLR4Δsftpc1 mice that were administered i.p., saline or LPS (5mg/kg) for 6hrs. Error bars indicate the mean ± SEM. *p<0.05, **p<0.001, when comparisons between two groups were made by Student t-test, and for multiple groups by ANOVA. Data shown are derived from 3 independent experiments. n ≥ 4.