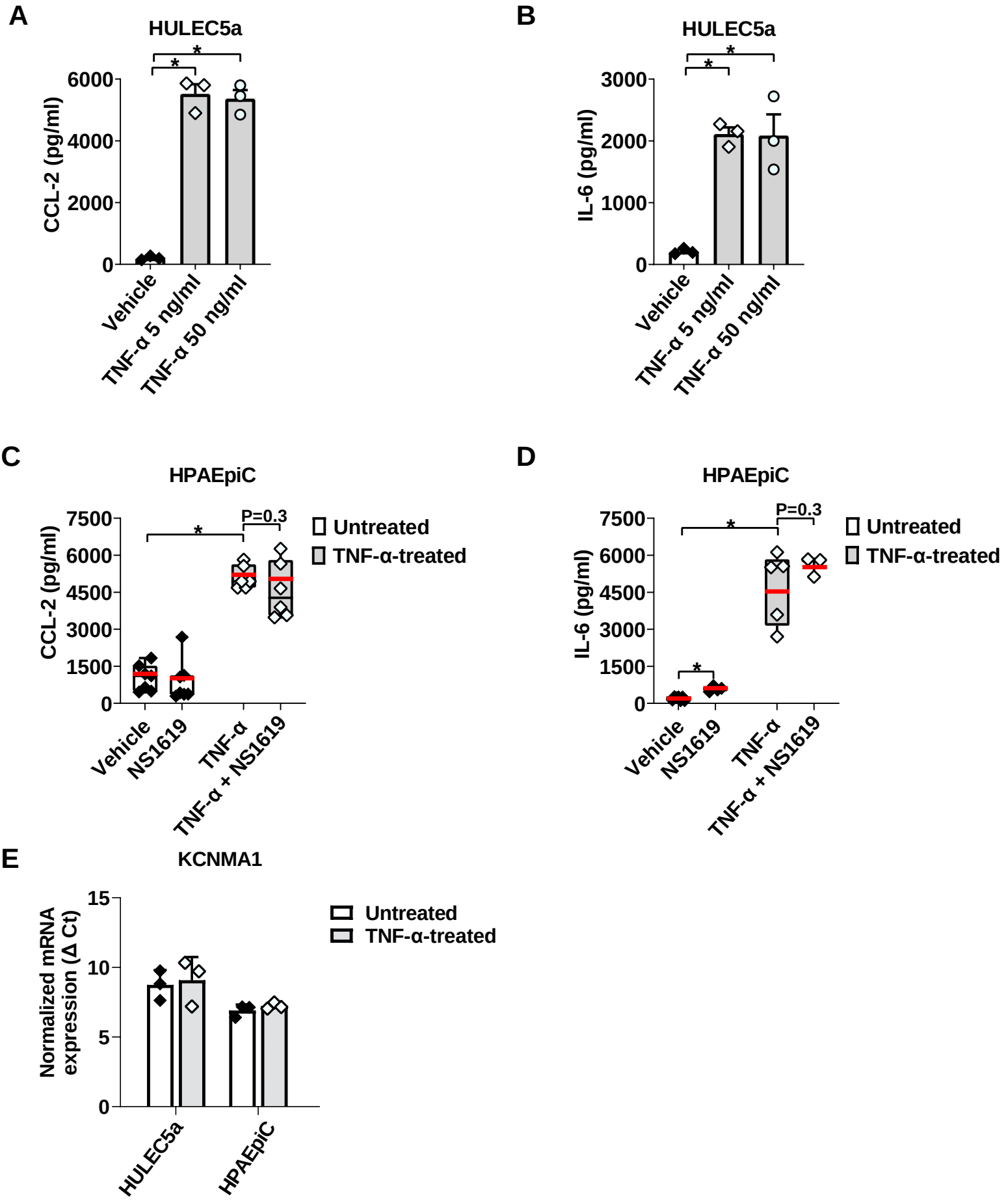
# Supplemental Figure S1



**Supplementary Figure S1**. (**A**,**B**) TNF-$\alpha$ dose-response experiments. Pilot ELISA experiments using HULEC5a cells reveal that 5 ng/mL and 50 ng/mL of TNF-$\alpha$ evoke a similar increase in CCL-2 and IL-6 levels. (**C**,**D**) TNF-$\alpha$ treatment (5 ng/mL; 24 h) also increases CCL-2 and IL-6 secretion form primary human alveolar epithelial cells (HPAEpiC), while BK activation with NS1619 has no effect on CCL-2 or IL-6 secretion from these cells ($n$ = 3–11, * $p \leq 0.05$). Mean values are represented in red horizontal bars; black bars indicate medians. (**E**) RT-PCR results show that TNF-$\alpha$ treatment does not affect BK channel gene expression in either pulmonary microvascular endothelial (HULEC5a) or primary alveolar epithelial (HPAEpiC) cells ($n$ = 3). Bars represent mean values + SEM. $n$ = number of separate cell passages, which are considered as biological replicates.