



**Supplementary Fig. 2.** *DEFB4* expression was synergistically induced by IL-17A/TNF  $\alpha$  through an I  $\kappa$  B  $\zeta$ -dependent mechanism. Human keratinocytes were transfected with I  $\kappa$  B  $\zeta$  siRNA (sil  $\kappa$  B  $\zeta$ ) or control siRNA (siCon) before stimulated with IL-17A (100 ng/ml), TNF  $\alpha$  (10 ng/ml) or the combinations as indicated for 24 hours (n=4). mRNA expression was analysed by qPCR, and *RPLP0* was used as a reference gene for normalisation. Horizontal lines represent medians. IL: interleukin, TNF  $\alpha$ : tumour necrosis factor alpha, I  $\kappa$  B  $\zeta$ : I-kappa-B-zeta. \* $p < 0.05$  comparing the cells transfected with sil  $\kappa$  B  $\zeta$  with the cells transfected with siCon.