



Fig. S3. Effect of Jun kinase (JNK) and nuclear factor kappa B (NF-κB) inhibition on *C. acnes*-induced tumour necrosis factor alpha-induced protein 3 (TNFAIP3) levels. Human immortalized keratinocyte cell line (HPV-KER) cells were plated and pretreated with selective inhibitors for JNK, and NF-κB or, as a control, dimethyl sulphoxide (DMSO) for 1 h. For mRNA expression studies *C. acnes* challenge was performed for 12 h and analysed by real-time RT-PCR. All data were normalized to the 18S rRNA and compared with DMSO-treated control samples. Statistical analyses: paired, 2-sample *t*-test with Holm-Bonferroni correction, *C. acnes*-induced TNFAIP3 expression were compared, #*p* < 0.05.