



Supplementary Figure S1: Concentration dependent effect of 5HPP-33 inhibitor on pp65 and p65 protein expression levels. (A) Western blot analysis depicting the expression of pp65 and p65 proteins in response to different concentrations of the inhibitor, 5HPP-33. (B, C) Quantitative analysis of the protein expression levels, presented as mean \pm standard deviation ($n = 3$). Statistical significance is denoted as n.s (no significance), ##### $p < 0.0001$ compared to the control group, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, and **** $p < 0.0001$ compared to the IL-1 β -treated group.