



S1 Fig: Volcano plots of differential gene expression at 1h infection by PMN from HITTING and HIT

Volcano plot for transcriptional responses to *Mtb* challenge for neutrophils from HITTING (PMN_{HITTING}) and HIT (PMN_{HIT}) participants at 1h (A-C) post *Mtb* infection. The y-axis shows the negative log10 unadjusted P value and the x-axis the log₂ fold change (FC). The vertical dashed lines represent log₂ FC thresholds of -0.2 and 0.2. Each gene is represented by a dot. Genes which are downregulated or upregulated as determined by the FDR ≤ 5% are shown in blue and red, respectively. Genes with non-significant expression changes and below the log₂ FC threshold are shown in grey. Differentially expressed genes at 1h post-infection compared to 1h uninfected PMN from HITTING (PMN_{HITTING}) (A) and HIT participants (PMN_{HIT}) (B). Significant differentially triggered genes between PMN_{HITTING} and PMN_{HIT} at 1h post infection (C).