



Supplementary Figure 5. Knockout of *Phf15* followed by TLR3 activation increases expression of *Il-1β*. (A) 24-hour time course experiment showing relative mRNA expression levels of *Il-1β* after Poly(I:C) stimulation. *Il-1β* expression at time point 0 from the time course experiment is displayed separately in (B). All data are mean \pm SEM ($n = 3$ per condition). Unpaired t-tests between *Phf15* knockout and control cells for independent timepoints: asterisks indicate * $P < 0.05$, ** $P < 0.01$, **** $P < 0.0001$. Percent reduction in *Phf15* transcript expression in *Phf15* knockout SIM-A9 microglia compared to control is shown in Figure 3A. Poly(I:C): polyinosinic:polycytidylic acid; *Il-1β*: interleukin 1 beta; KO: knockout