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 ± 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