



FIG S2 IRE1 is activated by human macrophages and enhances MRSA killing. (A)

RT-PCR analysis of *Xbp1* mRNA splicing in differentiated THP-1 cells when left untreated (Mock), treated with 5 μ M thapsigargin (TG), treated with 25 μ M 4 μ 8C, or infected with MRSA for 8h (MOI 20) in the presence of DMSO or 4 μ 8C. RT-PCR image (top) is representative of $n \geq 3$ independent experiments and % *Xbp1* spliced (bottom) was calculated based on band densitometry using the following formula; [$Xbp1s / (Xbp1s + Xbp1u)$]. **(B)** Percent of MRSA killing by differentiated THP-1 cells in the presence of DMSO or 4 μ 8C. Graph is represented by mean of $n \geq 3$ independent experiments \pm SD.

* $p < 0.05$.