



Supplementary Fig. S1. *Toxoplasma gondii*- and ESP-regulated mitochondrial dysfunction is dependent on ER stress in FHs 74 Int cells. FHs 74 Int cells were pretreated with various concentrations of the ER stress inhibitor 4-phenylbutyrate (4-PBA) for 4 hr and subsequently infected with *T. gondii* at an MOI of 10 (A, C) or treated with 1 μ g/ml ESP for 18 hr (B, D). (A, B) Mitochondrial and cytosolic fractions from the cells were extracted and using Western blotting to examine the distribution of Cytochrome c. COX IV and α -Tubulin were used as markers of mitochondria and cytosol, respectively. (C, D) JC-1 staining was observed via confocal microscopy imaging. Bar graph showing the ratio of JC-1 red and green fluorescence indicative of mitochondrial membrane potential. *** $P < 0.001$, compared to the untreated control cells under the same conditions or *T. gondii* infection or ESP treated control cells.