



Figure S7: The production of cytokines induced by *S. flexneri* infection depends on ALPK1.

A) ELISA assay showing that *S. flexneri*-induced IL-8 expression is ALPK1-dependent. HeLa cells were transfected with control or ALPK1 siRNA, and infected or not with *S. flexneri* for 6 hours. IL-8 secretion was measured in the supernatant of infected cells by ELISA. Data correspond to the mean \pm SD of three independent experiments, $p^* < 0.05$. **B)** HeLa cells were transfected with control or ALPK1 siRNA, and infected or not with *S. flexneri* for 6 hours. Cytokine secretion was measured in the supernatant of infected cells by a multiplex cytokine assay. Data correspond to the mean \pm SD of triplicates, $p^{**} < 0.005$, $p^{***} < 0.0005$. # indicates not detected.