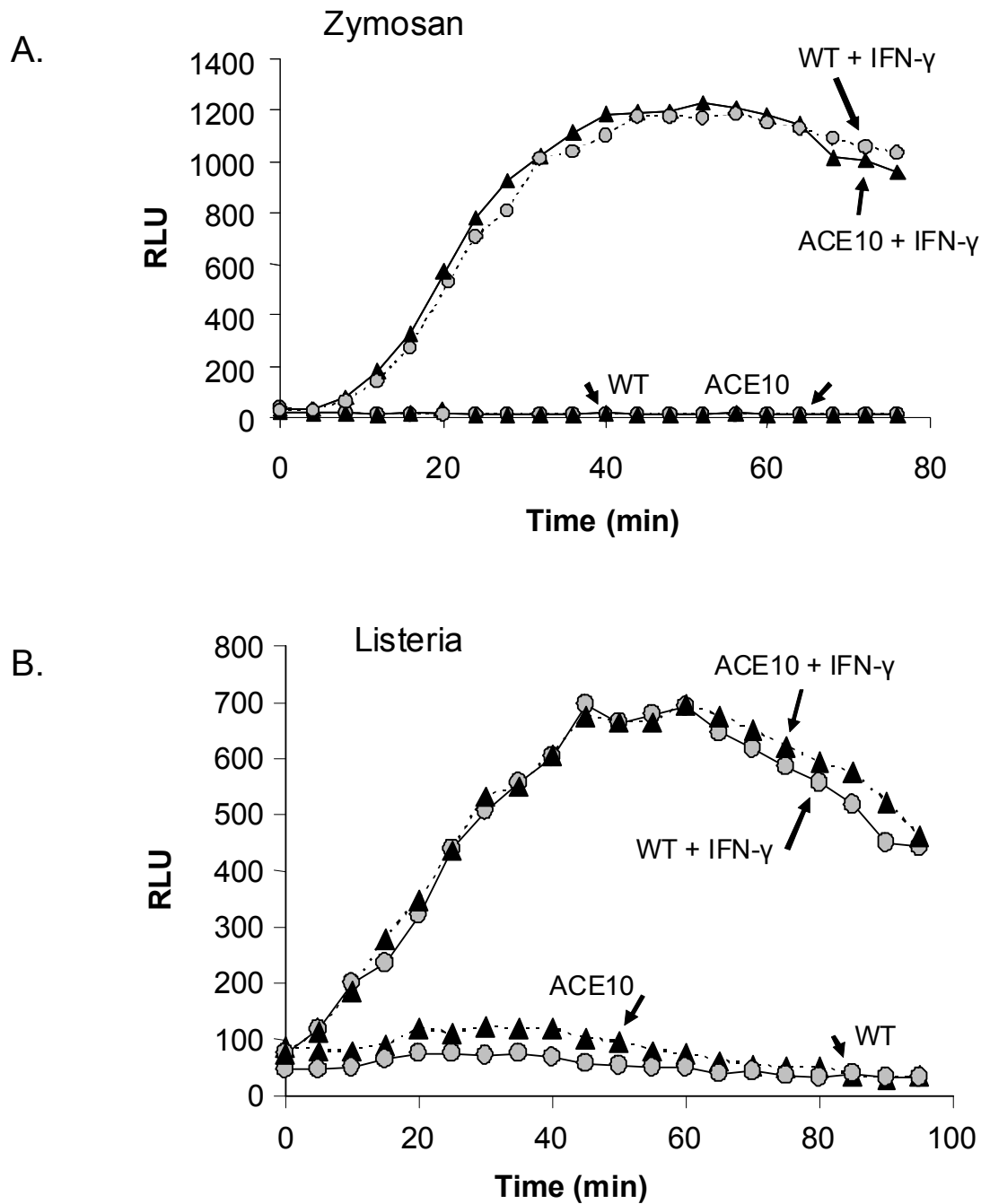


Supplemental Figure 1. Phagocytosis by ACE 10/10 and WT macrophages. TPMs were seeded at 2.5×10^5 cells/well in 500 μ l medium in a 24-well plate. The cells were stimulated with 10 ng/ml IFN- γ overnight and then treated with 100 μ g/ml FITC labelled zymosan or FITC labelled listeria for 30 min at 37°C. Cells were washed and analyzed by flow cytometry. There was no difference between ACE 10/10 and WT macrophages in phagocytosis.



Supplemental Fig. 2. Generation of reactive oxygen species. TPMs were seeded at 50,000 cells/well in 50 μ l medium in a 96-well sterile plate. Cells were primed with 10 ng/ml IFN- γ for 18hrs. Then, either zymosan particles (Fig. 2a) or 5×10^5 listeria (Fig. 2b) and luminol were added and luminescence, expressed as relative light units (RLU), was measured over the course of approximately 80 min. WT (circles) and ACE 10/10. (triangles) macrophages showed no difference in production of reactive oxygen species. No difference between ACE 10/10 and WT cells was found.