**Figure S9**

A. Timeline for yolk and notochord injection, followed by infection outcome analysis.

B. Fluorescent imaging showing yolk injection with **tg(mpX:GFP)** at 1 dpf.

C. Graph showing total number of neutrophils with and without E. coli growth with different treatments.

D. Imaging of infection outcome with **tg(lyz:DsRed)** and E. coli-GFP at 1dpi.

E. Survival analysis graph with different treatment groups.

F. Infection outcome score bar graph with different treatments.