



Supplementary Figure 2. Drug sensitivity assays. Bacterial copy number after 5 days (7 days for *Wolbachia*) growth in the presence or absence of drugs was quantified by qPCR. Growth in the presence of a drug was normalised by growth in the absence of drug within the same experiment. RC = *Rickettsia canadensis*, grown for 5 days in vero cells, AM = *Anaplasma marginale* grown for 5 days in vero cells, OT = *Orientia tsutsugamushi* grown for 5 days in L929 cells, WP = *Wolbachia pipientis* grown for 7 days in JW18 cells, EC = *Ehrlichia chaffeensis* grown for 5 days in DH82 cells, AP = *Anaplasma phagocytophilum* grown for 5 days in HL60 cells. Drug concentrations = 100 µg/ml chloramphenicol, 150 µg/ml penicillin G, 250 µg/ml d-cycloserine and 40 µg/ml phosphomycin. Statistical analysis between the untreated and drug treated groups was carried out using an unpaired t test with Graphpad Prism software. Individual values and median are shown. P values: * = $p \leq 0.05$, ** = $p \leq 0.01$, *** = $p \leq 0.001$.