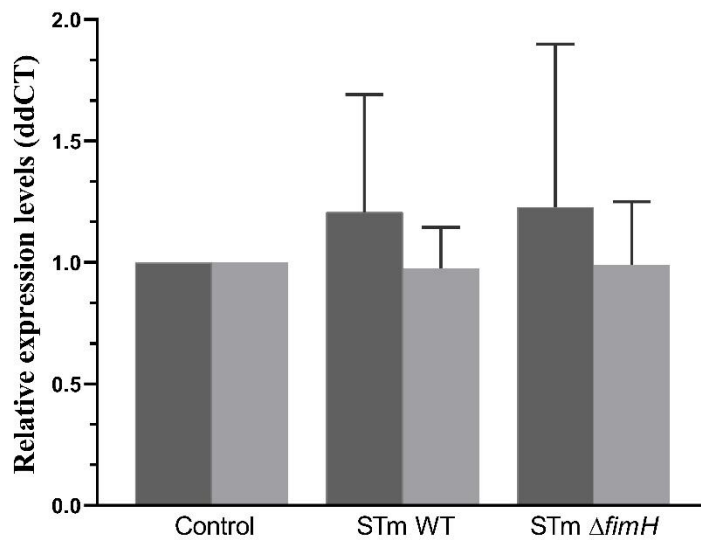
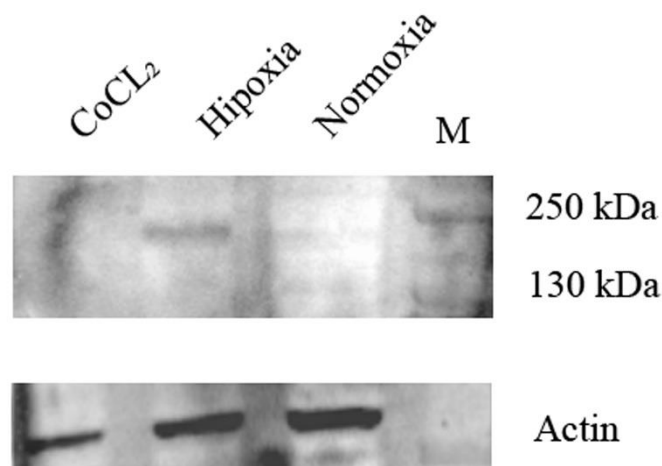


Supplementary Figure 2



Supplementary Figure 2A. Expression of Hif-1 α mRNA in IPEC-J2 cell line following 2 hours infection with MOI 100 of *S. Typhimurium* wild type (STmWT) and STm Δ fimH) after the third passage in normal oxygen level (dark gray bars) and low oxygen level (light gray bars). Non-infected IPEC-J2 cells were assigned as a calibrator sample, and fold change was measured over unstimulated cells set at 1. Data represent the mean $\pm$ SD of at least three independent experiments. Triplicate samples were analyzed in each experiment to confirm the accuracy and reproducibility of qPCR. Statistical differences between strains were analyzed by t-Student test, and presented as individual values with a mean; there were non-significant differences between the samples.



Supplementary Figure 2B. Western blot of IPEC-J2 cells grown in hypoxia, normoxia or in the presence of CoCl₂. The presence of HIF-1 α was assessed by western blot analysis in IPEC-J2 cell lysates obtained by scraping the cells using SDS-PAGE buffer and sonication at 4°C after 6 h incubation with CoCl₂ and after 24 h of growth under normoxic and hypoxic conditions. As a reference beta-Actin Ab (Cell Signaling) was used;