Commensal-to-pathogen transition: One-single transposon insertion results in two pathoadaptive traits in *Escherichia coli* -macrophage interaction.

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Supplementary Figures
Supplementary Fig. S1 – Quantification of intracellular M6 and Anc bacteria.

Infection of 3x10^5 MΦs with MOI of 50 for the Anc bacteria and 300 for the M6 bacteria resulted in the detection of similar numbers of intracellular bacteria.
Supplementary Fig. S2 – **Representative images and their classification in terms of LAMP1 association.**

Images were taken 1 h post-infection with Anc strain. LAMP1 is shown in grey, DAPI in cyan and Anc bacteria in blue. Scale bar: 5 µm.
Supplementary Fig. S3 – **Quantification of LAMP1 association in MΦs infected at a high MOI.**

MΦs infected with a MOI of 960 for M6 and 80 for the Anc strain at 1 h post-infection revealed significantly different patterns of LAMP1 staining (P<0.001, Fisher exact test).
Supplementary Fig. S4  

**Dextran-labelled lysosomes are readily detected in Anc-containing phagosomes at 1h post infection.**

Representative fluorescent images of MΦs labelled with dextran at 1 h post-infection with Anc or M6 bacteria. Bacteria are represented in blue and dextran is represented in grey. Scale bar: 5 µm.