

Title: Supplementary Data 1

Description: Transcriptomic changes during biofilm formation associated with *ompU* expression.

Title: Supplementary Data 2

Description: Differentially expressed genes in biofilms in $\Delta ompU$ and $\Delta rpoE$ mutants.

Title: Supplementary Data 3

Description: OueS-regulated genes during biofilm formation.

Title: Supplementary Data 4

Description: Direct targets of OueS under iron limitation conditions from MAPS analysis.

Title: Supplementary Data 5

Description: ToxR-regulated genes during biofilm formation.

Title: Supplementary Data 6

Description: ToxR-regulated genes under virulence-inducing conditions.

Title: Supplementary Data 7

Description: Overlap between the ToxR- and OueS-regulated genes under virulence-inducing conditions.

Title: Supplementary Data 8

Description: Average area under the curve (AUC) values of growth in Biolog Microplates PM1, PM2A, and PM4A (n=2).

Title: Supplementary Data 9

Description: Transcriptomes of clinical-like and environmental-like OueS alleles under virulence-inducing conditions.

Title: Supplementary Data 10

Description: Strains, phages, vectors, and primers used in this study.

Title: Supplementary Data 11

Description: OmpU and RpoE regulons under virulence-inducing conditions.

Title: Supplementary Data 12

Description: Genes modulated by OueS in the $\Delta ompU$ strain under virulence-inducing conditions.