

Description of Additional Supplementary Files

Supplementary Data 1:

List of genetic changes in each isolate

Supplementary Data 2:

List of all genetic changes according to genome position

Supplementary Data 3 :

(dN/dS calculations and list of all genes and intergenic regions with at least 2 independent mutations

Supplementary Data 4 :

Genetic changes associated with virulence by neighbour comparison

Supplementary Data 5 :

Mutations in genes affecting capsule and LPS in isolates.

Supplementary Data 6 :

Connection between iron-related genetic changes and growth in iron-depleted and repleted conditions