**Table S2.** Pherotype distribution among PFGE clusters.

| Serotype | no. of isolates | PFGE cluster | CSP-1 | CSP-2 | OR (95%CI) | FDR[a] |
|---|---|---|---|---|---|---|
| 1 | 50 | A[b] | 32 | 1 | 14.56 (2.38;597.17) | 0.012 |
|  |  | B | 16 | 1 | 6.93 (1.06;292.78) | 0.317 |
| 3 | 46 | A[b] | 20 | 22 | 0.34 (0.17;0.68) | 0.029 |
|  |  | B | 3 | 0 | Inf[c] (0.17; Inf[c]) | 0.948 |
|  |  | C | 0 | 1 | 0 (0;16.24) | 0.593 |
| 4 | 29 | A | 2 | 0 | Inf[c] (0.08; Inf[c]) | 1 |
|  |  | B | 0 | 3 | 0 (0;1) | 0.293 |
|  |  | C[b] | 2 | 9 | 0.09 (0.01;0.43) | 0.016 |
|  |  | D | 12 | 1 | 5.13 (0.75;221.18) | 0.589 |
| 6A | 13 | A | 0 | 1 | 0 (0;16.24) | 0.593 |
|  |  | B | 0 | 1 | 0 (0;16.24) | 0.593 |
|  |  | C | 0 | 3 | 0 (0;1) | 0.293 |
|  |  | D | 0 | 1 | 0 (0;16.24) | 0.593 |
|  |  | E | 1 | 1 | 0.42 (0.005;32.78) | 0.877 |
|  |  | F | 0 | 2 | 0 (0;2.21) | 0.457 |
|  |  | G | 0 | 1 | 0(0;16.24) | 0.593 |
|  |  | H | 1 |  | Inf[c] (0.01; Inf[c]) | 1 |
|  |  | I | 0 | 1 | 0 (0;16.24) | 0.593 |
| 9N | 10 | A[b] | 2 | 8 | 0.10 (0.01;0.51) | 0.029 |
| 14 | 65 | A | 2 | 0 | Inf[c] (0.08; Inf[c]) | 1 |
|  |  | B | 10 | 0 | Inf[c] (0.94; Inf[c]) | 0.373 |
|  |  | C | 2 | 0 | Inf[c] (0.08; Inf[c]) | 1 |
|  |  | D[b] | 46 | 3 | 7.21 (2.25;36.84) | 0.006 |
|  |  | E | 1 | 1 | 0.42 (0.005;32.78) | 0.877 |

[a] Correction for multiple testing performed by the false discovery rate method (FDR)
[b] p<0.05 after FDR correction.
[c] Inf, infinite value.