**Supplementary Table 2. Comparison of the prevalence of plasmid-mediated antimicrobial resistance genes between ESBL/AmpC-EC and non-ESBL/AmpC-EC isolates.**

| Antibiotic classes | Antibiotic resistance gene | Prevalence (%) of. | OR (95% CI) | p - value |
|--------------------|---------------------------|---------------------|-------------|-----------|
|                    |                           | ESBL/AmpC-EC (n = 161) | non-ESBL/AmpC-EC (n = 81) |               |
| Phenicol           | catA                      | 4.4                 | 0.0         | 7.9 (0.45-140.30) | 0.16† |
|                    | cml                       | 15.5                | 25.9        | 0.5 (0.10-2.89)   | 0.46   |
|                    | floR                      | 68.8                | 61.7        | 1.4 (0.54-3.46)   | 0.51   |
|                    | catA, cmlA, or floR       | 80.1                | 70.4        | 1.8 (0.48-6.53)   | 0.39   |
| Tetracycline       | tetA                      | 52.8                | 56.8        | 0.9 (0.24-3.01)   | 0.80   |
|                    | tetB                      | 22.4                | 14.8        | 1.7 (0.60-4.60)   | 0.33   |
|                    | tetD                      | 3.7                 | 0.0         | 6.8 (0.38-122.47) | 0.19†  |
|                    | tetA, tetB, or tetD       | 69.6                | 71.6        | 0.9 (0.28-3.14)   | 0.91   |
| Quinolone          | qnrA                      | 0.0                 | 0.0         | -                   | -      |
|                    | qnrB                      | 0.6                 | 2.5         | 0.3 (0.02-2.84)   | 0.26   |
|                    | qnrC                      | 0.0                 | 0.0         | -                   | -      |
|                    | qnrS                      | 14.3                | 19.8        | 0.7 (0.10-4.52)   | 0.69   |
|                    | aac(6)-cr-Ib              | 0.0                 | 0.0         | -                   | -      |
|                    | qnrA, qnrB, qnrC, qnrS,   | 14.3                | 22.2        | 0.6 (0.09-3.99)   | 0.58   |
|                    | or aac(6)-cr-Ib           |                     |             |                     |        |
| Aminoglycoside     | aac(3)-I                  | 0.0                 | 0.0         | -                   | -      |
|                    | aac(3)-II                 | 19.3                | 3.7         | 6.2 (1.25-30.70)   | 0.03*  |
|                    | aac(3)-IV                 | 8.1                 | 1.2         | 7.0 (0.61-81.36)   | 0.12   |
|                    | aac(3)-I, II, or IV       | 23.6                | 4.9         | 5.9 (1.36-25.98)   | 0.02*  |
| Sulfonamide/       | dfrIa                     | 1.2                 | 7.3         | 0.2 (0.05-0.52)    | < 0.01* |
| Trimethoprim       | dfrIb                     | 0.0                 | 0.0         | -                   | -      |
|                    | dfrII                     | 0.0                 | 0.0         | -                   | -      |
|                    | dfrVII                    | 0.0                 | 0.0         | -                   | -      |
|                 | Mean | SD  | CI              | OR  |
|----------------|------|-----|-----------------|-----|
| dfrXII         | 19.9 | 28.1| 0.6 (0.17-2.26) | 0.47|
| dfrIa, Ib, II, VII, or XII | 21.1 | 32.9| 0.5 (0.16-1.80) | 0.31|

CI, Confidence interval; OR, Odds ratio.

Statistically significant (*p < 0.05, GEE; †p < 0.05, Chi-square test)