Supplemental table 3. Amino acid substitutions in QRDR of *gyr*A among *S*. Enteritidis isolates in different Thai regions.

|  |  |  |
| --- | --- | --- |
| Region\* | Totalmutation | Number of isolates with amino acid substitutions in QRDR of *gyrA* |
| Ser83Ile | Ser83Phe | Ser83Tyr | Asp87Asn | Asp87Gly | Asp87Tyr | Ser83PheAsp87Tyr |
| BK (n=54) | 49  | 4 | 1 | 14 | 2 | 2 | 25 | 1 |
| C (n=6) | 2  | - | - | - |  | - | 2 | - |
| E (n=8) | 8  | 1 | - | 2 | - | - | 5 | - |
| N (n=27) | 23 | - | - | 9 | - | - | 14 | - |
| NE (n=24)  | 20 | 2 | 1 | 7 | - | - | 10 | - |
| S (n=19) | 18 | 1 | - | 4 | - | - | 13 | - |
| W (n=20) | 18 | - | - | 4  | - | - | 14 | - |
| Total (n=158) | 138 | 8 | 2 | 40 | 2 | 2 | 83 | 1 |

QRDR, Quinolone resistance determining region. \*BK, Bangkok; C, Central provinces; E, Eastern provinces; N, Northern provinces; NE, Northeastern provinces; S, Southern provinces; W, Western provinces.