**Table S1. Primer Sequencing**

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Primers** | **Sequence (5' - 3')** | **Size (bp)** | **Notes** | **Ref.** |  |
| 1 | CTX-M-1F | AAAAATCACTGCGCCAGTTC | 415 | Multiplex PCR for CTX-M | Woodford *et al.* 2005 |
|   | CTX-M-1R | AGCTTATTCATCGCCACGTT |   |  |  |
| 2 | CTX-M-2F | CGACGCTACCCCTGCTATT | 552 |  |  |
|   | CTX-M-2R | CCAGCGTCAGATTTTTCAGG |   |  |  |
| 3 | CTX-M-9F | CAAAGAGAGTGCAACGGATG | 205 |  |  |
|   | CTX-M-9R | ATTGGAAAGCGTTCATCACC |   |  |  |
| 4 | CTX-M-8F | TCGCGTTAAGCGGATGATGC | 666 |  |  |
| 5 | CTX-M-25F | GCACGATGACATTCGGG | 327 |  |  |
|   | CTX-M-8/25R | AACCCACGATGTGGGTAGC |   |  |  |
| 6 | MOXF | GCTGCTCAAGGAGCACAGGAT | 520 |  Multiplex PCR for AmpC | Perez-Perez *et al.* 2002 |
|   | MOXR | CACATTGACATAGGTGTGGTGC |   |  |  |
| 7 | CITF | TGGCCAGAACTGACAGGCAAA | 462 |  |  |
|   | CITR | TTTCTCCTGAACGTGGCTGGC |   |  |  |
| 8 | DHAF | AACTTTCACAGGTGTGCTGGGT | 405 |  |  |
|   | DHAR | CCGTACGCATACTGGCTTTGC |   |  |  |
| 9 | ACCF | AACAGCCTCAGCAGCCGGTTA | 346 |  |  |
|   | ACCR | TTCGCCGCAATCATCCCTAGC |   |  |  |
| 10 | EBCF | TCGGTAAAGCCGATGTTGCGG | 302 |  |  |
|   | EBCR | CTTCCACTGCGGCTGCCAGTT |   |  |  |
| 11 | FOXF | AACATGGGGTATCAGGGAGATG | 190 |  |  |
|   | FOXR | CAAAGCGCGTAACCGGATTGG |   |  |  |
|   | TEMF | CATTTCCGTGTCGCCCTTATTC | 800 | Multiplex PCR for TEM, SHV,OXA | Dallenne *et al.* 2010 |
|   | TEMR | CGTTCATCCATAGTTGCCTGAC |   |  |  |
|   | SHVF | AGCCGCTTGAGCAAATTAAAC | 713 |  |  |
|   | SHVR | ATCCCGCAGATAAATCACCAC |   |  |  |
|   | OXAF | GGCACCAGATTCAACTTTCAAG | 564 |  |  |
|   | OXAR | GACCCCAAGTTTCCTGTAAGTG |   |  |  |