Table S1. List of primers used to map *bla*OXA-48 *in Tn1999.2.*

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| --- | --- | --- | --- | --- |
| Names | Sequence | Length (bp) | Tm (°C) | Reference |
| Δtir\_intR | TCCGGGCAGCTGATGTAATC | 20 | 59.9 | This study |
| TnpA1999\_intF | AGCTGGTAAACCTGTACGCC | 20 | 60.0 | This study |
| IS1999B2INV | TCGTTTTAGGTGAAGTTCTGG | 21 | 55.8 | (Aubert et al., 2006) |
| blaOXA-48GSP2 | ACAGGCACAACTGAATATTTCATC | 24 | 57.8 | (Aubert et al., 2006) |
| TnpA1999\_intF | AGCTGGTAAACCTGTACGCC | 20 | 60.0 | This study |
| Δtir3'ext | TCCTGTTCCGTGGTGTCATG | 20 | 60.0 | This study |
| OXA-48B\_INV | GCCATCACAAAAGAAGTGCTC | 21 | 58.1 | (Aubert et al., 2006) |
| LysR3'ext | TCAGCGCCTTCTTGGACTTT | 20 | 59.9 | This study |
| LysRintF2\_INV | TCGCACGCCTAGTTGTTCTT | 20 | 60.0 | This study |
| TnpA1999\_intF2 | CCGTTCTTGATGCAGATGCG | 20 | 60.0 | This study |
| PemI3'ext | TCTGCCGAGATTTCAGCGTT | 20 | 60.0 | This study |
| rpoB-KpEcl\_F | AAGGCGAATCCAGCTTGTTCAGC | 23 | 61.0 | (Doumith et al., 2009) |
| rpoB-KpEcl\_R | TGACGTTGCATGTTCGCACCCATCA | 25 | 57.0 | (Doumith et al., 2009) |
| ompK35/ompF\_F | TCCCTGCCCTGCTGGTAG | 18 | 55.0 | (Doumith et al., 2009) |
| ompF-Ecl\_R2 | TAAGTGTTGTCGCCATCGTTG | 21 | 52.0 | (Doumith et al., 2009) |
| acrB-KpEcl\_F | CGATAACCTGATGTACATGTCC | 23 | 53.0 | (Doumith et al., 2009) |
| acrB-KpEcl\_R | CCGACAACCATCAGGAAGCT | 21 | 54.0 | (Doumith et al., 2009) |