Table S2. Primers used in this study

|  |  |  |  |
| --- | --- | --- | --- |
| Primers | Sequence (5’→3’)  | Use | Reference/Source |
| *acsA*-F | ACCTGGTGTACGCCTCGCTGAC | Gene amplification for MLST analysis | Curran *et al* (2004) |
| *acsA*-R | GACATAGATGCCCTGCCCCTTGAT |
| *aroE*-F | TGGGGCTATGACTGGAAACC |
| *aroE*-R | TAACCCGGTTTTGTGATTCCTACA |
| *guaA*-F | CGGCCTCGACGTGTGGATGA |
| *guaA*-R | GAACGCCTGGCTGGTCTTGTGGTA |
| *mutL*-F | CCAGATCGCCGCCGGTGAGGTG |
| *mutL*-R | CAGGGTGCCATAGAGGAAGTC |
| *nuoD*-F | ACCGCCACCCGTACTG |
| *nuoD*-R | TCTCGCCCATCTTGACCA |
| *ppsA*-F | GGTCGCTCGGTCAAGGTAGTGG |
| *ppsA*-R | GGGTTCTCTTCTTCCGGCTCGTAG |
| *trpE*-F | GCGGCCCAGGGTCGTGAG |
| *trpE*-R | CCCGGCGCTTGTTGATGGTT |
| 16s rDNAF | GGGGGATCTTCGGACCTCA | 16s rDNA PCR/sequencing | Spilker *et al* (2004) |
| 16s rDNAR | TCCTTAGAGTGCCCACCCG |
| RAPD primer | AGGAAGGTGC | RAPD analysisGene sequencing for MLST analysis | Mahenthiralingam et al (1996) |
| *acsA*-SF | GCCACACCTACATCGTCTAT | Gene sequencing for MLST analysis | Curran *et al* (2004) |
| *acsA*-SR | AGGTTGCCGAGGTTGTCCAC |
| *aroE*-SF | ATGTCACCGTGCCGTTCAAG |
| *aroE*-SR | TGAAGGCAGTCGGTTCCTTG |
| *guaA*-SF | AGGTCGGTTCCTCCAAGGTC |
| *guaA*-SR | GACGTTGTGGTGCGACTTGA |
| *mutL*-SF | AGAAGACCGAGTTCGACCAT |
| *mutL*-SR | GGTGCCATAGAGGAAGTCAT |
| *nuoD*-SF | ACGGCGAGAACGAGGACTAC |
| *nuoD*-SR | TGGCGGTCGGTGAAGGTGAA |
| *ppsA*-SF | GGTGACGACGGCAAGCTGTA |
| *ppsA*-SR | GTATCGCCTTCGGCACAGGA |
| *trpE*-SF | TTCAACTTCGGCGACTTCCA |
| *trpE*-SR | GGTGTCCATGTTGCCGTTCC |
| *mexR*OEF | CTGGATCAACCACATTTACATTAGG | *mexR* overexpression | This study |
| *mexR*OER | AGAATGTTCTTAAATATCCTCAAGC |
| q*mexB*F | GGTGAAGAACTTCCTCAT | RT-qPCRRT-qPCR | This study |
| q*mexB*R | TGTTGGAAACGATGTAGT |
| q*mexR*F | AGCTTATCGACGAACAAC | RT-qPCRRT-qPCR | This study |
| q*mexR*R | GGTGATCAGTGCCTTGTC |
| *mexR*EMF | GGTAGTTCATTGGTTTGGCC | clone intergenic region between *mexA* and *mexR* | This study |
| *mexR*EMR | TAGCTCGATGGCCGGTTATC |
| *mexR*HF | CGGGATCCATGAACTACCCCGTGAATCCCG | *mexR* cloned into pET28a | This study |
| *mexR*HR | CCCTCGAGAATATCCTCAAGCGGTTGCGCG |
| *mexR*MF | CGGAATTCTGCGCAGCGGTGATTTCCTCAAC | *mexR* point mutation | This study |
| *mexR*MR | CGGGATCCACCAGCAGGGCCGGAACCAGTAC |
| *mexR*TF | ATAAGAATGCGGCCGCAATGAACTACCCCGTGAATCCCGACCTG | Bacterial two-hybrid assay | This study |
| *mexR*TR | CCCTCGAGAGAATGTTCTTAAATATCCTCAAGC |

a: F, forward; R, reverse; S, sequencing; OE, overexpression; q, RT-qPCR; EM, EMSA; H, His-tagged; M, mutation; T, two-hybrid.

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