**Supplement Table2.** Oligonucleotide sequences of the primers used in this study.

|  |  |  |  |
| --- | --- | --- | --- |
| Target gene | Primer name | sequence | Product size |
| *balKPC* | KPC-F | 5'-TGTCACTGTATCGCCGTC-3' | 1010 |
|  | KPC-R | 5'-CTCAGTGCTCTACAGAAAACC-3' |  |
| *balIMP* | IMP1-F | 5'-TGAGCAAGTTATCTGTATTC-3' | 740 |
|  | IMP1-R | 5'-TTAGTTGCTTGGTTTTGATG-3' |  |
| *balVIM* | VIM1-F | 5'-TTATGGAGCAGCAACCGATGT-3’ | 920 |
|  | VIM1-R | 5'-CAAAAGTCCCGCTCCAACGA-3’ |  |
| *balNDM* | NDM-F | 5'-TCGCCCCATATTTTTGCTACAG-3’ | 1012 |
|  | NDM-R | 5'-CGATCCTTCCAACTCGTCGC-3’ |  |
| *balOXA-48* | OXA-F  OXA-R | 5’-TTGGTGGCATCGATTATCGG-3’  5’-GAGCACTTCTTTTGTGATGGC-3’ | 744 |

**Abbreviations:** KPC, Klebsiella pneumoniae carbapenemase; NDM, New Delhi metallo-beta-lactamase; VIM, Verona integron-borne metallo-beta-lactamase; IMP, imipenemase; OXA, oxacillinase; F, Forward; R, Reverse.