**Supplementary information**

Genotypic validation of extended-spectrum β-lactamase and virulence factors in multidrug resistance *Klebsiellae pneumoniae* in an Indian hospital.

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**Table S1: List of primers used in this study**

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| --- | --- | --- | --- |
| **Target** **Region** | **Primer Sequence** | **Annealing Temperature (°C)** | **Reference** |
| TEM | F-5’-ATG AGT ATT CAA CAT TTC CGT G-3’ | 55 | Essack et al. 2001 |
| R-5’-TTA CCA ATG CTT AAT CAG TGA G-3’ |
| SHV | F-5’-TTA TCT CCC TGT TAG CCA CC-3’ | 55 | Essack et al. 2001 |
| R-5’-GAT TTG CTG ATT TCG CTC GG-3’ |
| CTX-M | F-5’-SCS ATG TGC AGY ACC AGT AA-3’ | 55 | Saladin et al. 2002 |
| R-5’-CCG CRA TAT GRT TGG TGG TG-3’ |
| K1 | F-5’-GGT GCT CTT TAC ATC ATT GC-3’ | 47 | Fang et al. 2007 |
| R-5’-GCA ATG GCC ATT TGC GTT AG-3’ |
| K2 | F-5’-GGA TTA TGA CAG CCT CTC CT-3’ | 45 | Fang et al. 2007 |
| R-5’-CGA CTT GGT CCC AAC AGT TT-3’ |
| mrkD | F-5’-CCA CCA ACT ATT CCC TCG AA-3’ | 52 | El Fertas-Aissani et al. 2013 |
| R-5’-ATG GAA CCC ACA TCG ACA TT-3’ |
| fimH-Type 1 | F-5’-ATG AAC GCC TGG TCC TTT GC-3’ | 55 | El Fertas-Aissani et al. 2013 |
| R-5’-GCT GAA CGC CTA TCC CCT GC-3’ |
| irp1 | F-5’-TGA ATC GCG GGT GTC TTA TGC-3’ | 57 | Pelludat et al. 2002 |
| R-5’-TCC CTC AAT AAA GCC CAC GCT-3’ |
| entB | F-5’-CTG CTG GGA AAA GCG ATT GTC-3’ | 57 | Wasfi et al. 2016 |
| R-5’-AAG GCG ACT CAG GAG TGG CTT-3’ |
| REP | F-5’-III ICG ICG ICA TCI GGC-3’ | 47 | Versalovic et al. 1991 |
| R-5’-ICG ICT TAT CIG GCC TAC-3’ |

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