

Table S2

| Table 1: <i>mcr</i> multiplex PCR programme | | | |
|---|------------------|--------|------------------|
| Cycle step | Temperature (°C) | Times | Number of cycles |
| Initial denaturation | 94 | 15 min | 1 |
| Denaturation | 94 | 30 sec | } ²⁵ |
| Annealing | 58 | 90 sec | |
| Extension | 72 | 60 sec | |
| Final extension | 72 | 10 min | 1 |
| Table 2: carbapenemases <i>blaOXA</i> , <i>blaNDM</i> , <i>blaVIM</i> multiplex PCR programme | | | |
| Cycle step | Temperature (°C) | Times | Number of cycles |
| Initial denaturation | 94 | 5 min | 1 |
| Denaturation | 94 | 30 sec | } ³⁰ |
| Annealing | 58 | 30 sec | |
| Extension | 72 | 1 min | |
| Final extension | 72 | 10 min | 1 |
| Table 3: <i>blaKPC</i> carbapenemase singleplex PCR programme | | | |
| Cycle step | Temperature (°C) | Times | Number of cycles |
| Initial denaturation | 94 | 3 min | 1 |
| Denaturation | 94 | 30 sec | } ³⁰ |
| Annealing | 55 | 45 sec | |
| Extension | 72 | 30 sec | |
| Final extension | 72 | 10 min | 1 |
| Table 4: <i>blaIMP</i> carbapenemase singleplex PCR programme | | | |
| Cycle step | Temperature (°C) | Times | Number of cycles |
| Initial denaturation | 94 | 5 min | 1 |
| Denaturation | 94 | 30 sec | } ³⁵ |
| Annealing | 50 | 2 min | |
| Extension | 72 | 30 sec | |
| Final extension | 72 | 10 min | 1 |