

Table S1. List of primers used to amplify the *ompC*-like and *ompF*-like genes

| Target genes | Organisms | Primers | References |
|---------------|----------------------|---|------------|
| <i>ompF</i> | <i>E. cloacae</i> | OmpF-F (5'-AGACACCAAACCTCTCATCAATAGTTC-3') | 1 |
| | | OmpF-R (5'-CGCTATCAGGTTAACGGTA-3') | |
| <i>ompF</i> | <i>E. cloacae</i> | OmpF-INT-F (5'-AAACCCGTCTGGCATTTCG-3') ^b | This study |
| | | OmpF-INT-R (5'-GGCTGCCAGACGCGC-3') ^b | |
| <i>ompC</i> | <i>E. cloacae</i> | OmpC-F (5'-GAGCTCGTTAATGATGATAGCGAGAGTTAT-3') | 1 |
| | | OmpC-R (5'-GCATGCACGTTCCCATGGTTTTGCCTTCCAGCA-3') | |
| <i>ompC</i> | <i>E. cloacae</i> | OmpC-INT-F (5'-AAACAACCTCCTGGACTCG-3') ^b | This study |
| | | OmpC-INT-R (5'-GTTCTGCGCTTTGTTAGC-3') ^b | |
| <i>ompK35</i> | <i>K. pneumoniae</i> | OmpK35-F (5'-GCACGAAACAGATCGGCCAG | 1 |
| | | OmpK35-R (5'-TTACGTCACCGGCGTGCAGAA-3') | |
| <i>ompK36</i> | <i>K. pneumoniae</i> | OmpK36-F (5'-GACCCGCCAGAAGGTGCCCA-3') | 1 |
| | | OmpK36-R (5'-TGATGTTGCCGGGGATCAGGGA-3') | |
| <i>omp35</i> | <i>E. aerogenes</i> | Omp35-F (5'-GCGCAATATTCTGGCAGTGG-3') | 1 |
| | | Omp35-R (5'-TAAACGATACCAACCGCAGCCT-3') | |
| <i>omp36</i> | <i>E. aerogenes</i> | OmpK36-F (5'-GACCCGCCAGAAGGTGCCCA-3') | 1 |
| | | OmpK36-R (5'-TGATGTTGCCGGGGATCAGGGA-3') | |
| <i>ompC</i> | <i>E. coli</i> | EcOmpCA (5'-GTAAAGTAC TGTCCCTCCTG-3') | 2 |
| | | EcOmpCB (5'-GAACTGGTAAA CCAGACCCAG-3') | |

| | | | |
|------------------|----------------------|--|------------|
| <i>ompF</i> | <i>E. coli</i> | EcOmpFA (5'-CAGGTACTGCAAACGCTGC-3') | 2 |
| | | EcOmpFB (5'-GTCAACATAGGTGGACATG-3') | |
| <i>ompC-like</i> | <i>S. marcescens</i> | OmpC-SMAR-F (5'-ATAATAACGATGAAATTCG-3') | This study |
| | | OmpC-SMAR-R (5'-ACGTTCACTGAGGTGCTT-3') | |
| <i>ompF-like</i> | <i>S. marcescens</i> | OmpF-SMAR-F (5'-GAGGGTAATAATGATGAAGC-3') | This study |
| | | OmpF-SMAR-R (5'-GCGAGACAACTTAGAACTGG-3') | |
| <i>ompF-like</i> | <i>S. marcescens</i> | OmpF-INT-SMAR-F (5'-TCGCCGGTCTGAAATTCG-3') ^b | This study |
| | | OmpF-INT-SMAR-R (5'-TCTGAGTTTTGCTAGCGAAGC-3') ^b | |
| <i>ompC-like</i> | <i>C. freundii</i> | OmpC-CFRE-F (5'-ATAAAGGCATATAACAGAGG-3') | This study |
| | | OmpC-CFRE-R (5'-ATGAACGCAGATTAGAACTGG-3') | |
| <i>ompF-like</i> | <i>C. freundii</i> | OmpF-CFRE-F (5'-GATGAAGCGCAATATTCTGG-3') | This study |
| | | OmpF-CFRE-R (5'-AGGTCTGCTATTAGAACTGG-3') | |
| <i>ompC-like</i> | <i>C. freundii</i> | OmpC-CFRE-INT-F (5'-AGTGGGAATACCAGATTCAGG-3') ^b | This study |
| | | OmpC-CFRE-INT-R (5'-CAGACCGAAGTCGAACTGG-3') ^b | |

^b Primers used to amplify an internal fragment of the gene.

References

1. **Doumith M, Ellington MJ, Livermore DM, Woodford N.** 2009 Molecular mechanisms disrupting porin expression in ertapenem-resistant *Klebsiella* and *Enterobacter* spp. clinical isolates from the UK. *J Antimicrob Chemother.* **63**:659-667.

2. **Poirel L, Héritier C, Spicq C, Nordmann P.** 2004. *In vivo* acquisition of high-level resistance to imipenem in *Escherichia coli*. J Clin Microbiol **42**:3831–3833.