

## Supplementary material

Table 5: List of primers used in the study

Gene type	Gene	Primer sequence (5'-3')	References
Species identification	<i>ddl (E. faecalis)</i>	f- CACCTGAAGAAACAGGC r- ATGGCTACTTCAATTTACAG	Depardieu <i>et al.</i> , 2004
	<i>ddl (E. faecium)</i>	f- GAGTAAATCACTGAACGA r- CGCTGATGGTATCGATTCAT	
Antibiotic resistance	<i>ermA</i>	f- AAGCGGTAAACCCCTCTGA r- TTCGCAAATCCCTTCTCAAC	Stoll <i>et al.</i> , 2012
	<i>ermB</i>	f- TGGTATTCCAAATGCGTAATG r- CTGTGGTATGGCGGGTAAGT	Kwon <i>et al.</i> , 2012
	<i>ermC</i>	f- ATTCGTCAATTCCTGCATGT r- TAATCGGGAATACGGGTTTG	Duran <i>et al.</i> , 2012
	<i>tetK</i>	f-GTAGCGACAATAGGTAATAGT r- GTAGTGACAATAAACCTCCTA	Stoll <i>et al.</i> , 2012
	<i>tetM</i>	f- ACAGAAAGCTTATTATATAAC r- TGGCGTGTCTATGATGTTAC	
	<i>tetL</i>	f- TGGTGGAAATGATAGCCCATT r- CAGGAATGACAGCACGCTAA	
	<i>vanA</i>	f- TCTGCAATAGAGATAGCCGC r- GGAGTAGCTATCCCAGCATT	
	<i>vanB</i>	f- GTGACAAACCGGAGGCGAGGA r- CCGCCATCCTCTGCAAAAAA	
	<i>vanC</i>	f- GAAAGACAACAGGAAGACCGC r- ATCGCATCACAAGCACCAATC	
	<i>aph(3')-IIIa</i>	f- GGCTAAAATGAGAATATCACCGG r- CTTTAAAAAATCATAACAGCTCGCG	
	<i>ant(4')-Ia</i>	f- CAAACTGCTAAATCGGTAGAAGCC r- GGAAAGTTGACCAGACATTACGAACT	
	<i>aac(6')-Ie-aph(2'')-Ia</i>	f- CAGAGCCTTGGGAAGATGAAG r- CCTCGTGAATTCATGTTCTGGC	
Efflux pumps	<i>emeA</i>	f-AGCCCAAGCGAAAAGCGGTTT r- CCATCGCTTTCGGACGTTCA	Kang <i>et al.</i> , 2013
	<i>erfA</i>	f- GTCTGTTTCGTTAATGGCAGCAGCC r- CGAATAGCTGGTTCATGTCTAAGGC	
	<i>erfB</i>	f- GTGACAAACCGGAGGCGAGGA r- CCGCCATCCTCTGCAAAAAA	
	<i>Isa</i>	f- GTGACTTCTTTGAACAGTGGGA r- TTCAGCCACTTGTTGTCTGCC	
	<i>mefA</i>	f-ATTGCAGCTGGTTTACAGGC r-CATGATACAATGCACACGCA	
Virulence genes	<i>asa</i>	f- AAGAAAAAGAAGTAGACCAAC r- AAACGGCAAGACAAGTAAATA	Comerlato <i>et al.</i> , 2013
	<i>Esp</i>	f- TTGCTAATGCTAGTCCACGACC r- GCGTCAACACTTGCATTGCCGAA	

**Table 6.** Housekeeping genes and PCR primers used for characterisation of *E. faecalis* and *E. faecium* isolates by MLST (Homan *et al.*, 2002; Ruiz-Garbajosa *et al.*, 2006)

Species	Housekeeping gene	Primer sequence (5'-3')
<i>E. faecalis</i>	Glucose-6-phosphate dehydrogenase ( <i>gdh</i> )	f-GGCGCACTAAAAGATATGGT r-CCAAGATTGGGCAACTTCGTCCCA
	Glyceraldehyde-3-phosphate dehydrogenase ( <i>gyd</i> )	f- CAAACTGCTTAGCTCCAATGGC r- CATTTCGTTGTCATACCAAGC
	Phosphate ATP binding cassette transporter ( <i>pstS</i> )	f- CGGAACAGGACTTTCGC r- ATTTACATCACGTTCTACTTGC
	Glucokinase ( <i>gki</i> )	f- GATTTTGTGGGAATTGGTATGG r- ACCATTAAGCAAATGATCGC
	Shikimate dehydrogenase ( <i>aroE</i> )	f- TGGAAAACTTTACGGAGACAGC r- GTCCTGTCCATTGTTCAAAGC
	Xanthine phosphoribosyltransferase ( <i>xpt</i> )	f- AAAATGATGGCCGTGATTAGG r- AACGTCACCGTTCCTTCACTTA
	Acetyl-CoA acetyltransferase ( <i>yiqL</i> )	f- AAAATGATGGCCGTGATTAGG r- AACGTCACCGTTCCTTCACTTA
<i>E. faecium</i>	Adenylate kinase ( <i>adk</i> )	f- TATGAACCTCATTTTAATGGG r- GTTGACTGCCAACGATTTT
	ATP synthase alpha subunit ( <i>atpA</i> )	f- CGGTTCATACGGAATGGCACA r- AAGTTCACGATAAGCCACGG
	D-alanine:D-alanine ligase ( <i>ddl</i> )	f- GAGACATTGAATATGCCTTAT r- AAAAAGAAATCGCACCG
	Glyceraldehyde-3-phosphate dehydrogenase ( <i>gyd</i> )	f- CAAACTGCTTAGCTCCAAGG r- CATTTCGTTGTCATACCAAGC
	Glucose-6-phosphate dehydrogenase ( <i>gdh</i> )	f- GGCGCACTAAAAGATATGGT r- CCAAGATTGGGCAACTTCGTCCCA
	Phosphoribosylaminoimidazole carboxylase ATPase subunit ( <i>purK</i> )	f-GCAGATTGGCACATTGAAAGT r- TACATAAATCCCCCTGTTY
	Phosphate ATP-binding cassette transporter ( <i>pstS</i> )	f- TTGAGCCAAGTCGAAGCTGGA r- CGTGATCACGTTCTACTTCC