

Supplementary data

Table S1. Oligonucleotide sequences used in this study

Primer	Sequence	Target genes
GES	forward: 5'- <u>GAGCTCTT</u> CCATCTCAAGGGATCACC -3' reverse: 5'- <u>GGATCC</u> AGACGGGCGTCAACTATTTG -3'	<i>bla</i> _{GES-1} , <i>bla</i> _{GES-2} , <i>bla</i> _{GES-5} and <i>bla</i> _{GES-6}
CTX-M-2	forward: 5'- <u>GAGCTCC</u> GTAAATGGAGCGATACCTC -3' reverse: 5'- <u>GGATCCA</u> CTTGAAGGCCGAGGGATAA -3'	<i>bla</i> _{CTX-M-2}
CTX-M-15	forward: 5'- <u>GAGCTCG</u> CTCTGTGGATAACTTGCAG -3' reverse: 5'- <u>GGATCC</u> TTACAAACCGTCGGTGACGA -3'	<i>bla</i> _{CTX-M-15}
PER-1	forward: 5'- <u>GAGCTCCC</u> CTCTGGGCGTTCTATTTT -3' reverse: 5'- <u>GGATCC</u> AGTGTACAACCAGAGTCAGC -3'	<i>bla</i> _{PER-1}
BEL	forward: 5'- <u>GAGCTCCC</u> CTCATGTCAAACGTTAG -3' reverse: 5'- <u>GGATCCC</u> GAATTGTTAGACGTATGCG -3'	<i>bla</i> _{BEL-1} and <i>bla</i> _{BEL-2}
VEB-1	forward: 5'- <u>GAGCTCG</u> CAGTCGCCCTAAAACAAAG -3' reverse: 5'- <u>GGATCCC</u> AAATTGCACTTCAACCCGC -3'	<i>bla</i> _{VEB-1}
TEM-4	forward: 5'- <u>GAGCTCAT</u> GAGTATTCAACATTTTCGTGTCG -3' reverse: 5'- <u>GGATCC</u> ACCAATGCTTAATCAGTGAGGCA -3'	<i>bla</i> _{TEM-4}
SHV-2A	forward: 5'- <u>GAGCTCCC</u> AACGCCGGGTATTCTTA -3' reverse: 5'- <u>GGATCCT</u> CATTACCGACCGGCATCTT -3'	<i>bla</i> _{SHV-2a}

KPC-2	forward: 5'- <u>GAGCTC</u> TACACCTAGCTCCACCTTCA -3'	<i>bla</i> _{KPC-2}
	reverse: 5'- <u>GGATCC</u> GCAGACTCCTAGCCTAAATG -3'	
VIM-2	forward: 5'- <u>GAGCTC</u> GTTATGGAGCAGCAACGATG -3'	<i>bla</i> _{VIM-2}
	reverse: 5'- <u>GGATCC</u> GCAACTTCATGTTATGCCGC -3'	

___: Underline text corresponds to restriction sites. GAGCTC → SacI and GGATCC → BamHI.