

Table S10: The sequences of primers used in this study.

Primer	Nucleotide Sequence (5' to 3')	Target gene	Fragment (bp)	References
mcr1-F	ATCAGCCAAACCTATCCCATCG	<i>mcr-1</i>	1257	[55]
mcr1-R	GCAGACGCACAGCAATGCCTAT			
mcr2-F	GCGATGGCGGTCTATCCTGTAT	<i>mcr-2</i>	378	[55]
mcr2-R	TGCGATGACATGGGGTGTTCAGC			
mcr3-F	TATGGGTTACTATTGCTGG	<i>mcr-3</i>	814	[55]
mcr3-R	CTACCCTGATGCTCATCG			
mcr4-F	GTCATAGTGGTATAAAAGTACAG	<i>mcr-4</i>	669	[55]
mcr4-R	CCACCGTCTATCAGAGCCAAC			
mcr5-F	GCGGTTGTCTGCATTTATCAC	<i>mcr-5</i>	1042	[55]
mcr5-R	CTTTGAAAACCTGTCTTCGGCA			
mcr6-F	GTCCGGTCAATCCCTATCTGT	<i>mcr-6</i>	556	[55]
mcr6-R	ATCACGGGATTGACATAGCTAC			
mcr7-F	TGCTCAAGCCCTTCTTTTCGT	<i>mcr-7</i>	892	[55]
mcr7-R	TTCATCTGCGCCACCTCGT			
mcr8-F	AACCGCCAGAGCACAGAATT	<i>mcr-8</i>	667	[55]
mcr8-R	TTCCCCCAGCGATTCTCCAT			
KPC-F	CGTCTAGTTCTGCTGTCTTG	<i>bla_{KPC}</i>	798	[56]
KPC-R	CTTGTCATCCTTGTTAGGCG			
NDM-F	GGTTTGGCGATCTGGTTTTC	<i>bla_{NDM}</i>	621	[56]
NDM-R	CGGAATGGCTCATCACGATC			

OXA48-F	GCGTGGTTAAGGATGAACAC	<i>bla</i> _{OXA-48}	438	[56]
OXA48-R	CATCAAGTTCAACCCAACCG			
IMP-F	GGAATAGAGTGGCTTAAYTCTC	<i>bla</i> _{IMP}	232	[56]
IMP-R	GGTTTAAYAAAACAACCACC			
VIM-F	GATGGTGTTTGGTCGCATA	<i>bla</i> _{VIM}	390	[56]
VIM-R	CGAATGCGCAGCACCAG			
iucA-F	GCTTATTTCTCCCAACCC	<i>iucA</i>	583	[18]
iucA-R	TCAGCCCTTTAGCGACAAG			
iroB-F	CAAAAAAGCAGCAGAGGC	<i>iroB</i>	585	[18]
iroB-R	TCACTGGCGGAATCCAACAC			
peg344-F	AAAGGACAGAAAGCCAGTG	<i>peg-344</i>	411	[18]
peg344-R	CAATGACGAGGGGGATAATC			
rmpA-F	GAGTAGTTAATAAATCAATAGCAAT	<i>p</i> <i>rmpA</i>	332	[18]
rmpA-R	CAGTAGGCATTGCAGCA			
rmpA2-F	GTGCAATAAGGATGTTACATTA	<i>p</i> <i>rmpA2</i>	430	[18]
rmpA2-R	GGATGCCCTCCTCCTG			

F, sense primer; R, antisense primer.