

Oligonucleotide sequences used as PCR primers.

Targets	Primers	Nucleotide Sequence (5'-3')	Fragment Size	References
<i>CTX-M-1</i>	<i>bla</i> _{CTX-M-group1} -F	GTTACAATGTGTGAGAAGCAG	1041bp	(1, 2)
	<i>bla</i> _{CTX-M-group1} -R	CCGTTTCCGCTATTACAAAC-3		
<i>CTX-M-2</i>	<i>bla</i> _{CTX-M-group2} -F	TGATGAGACATCGCGTTAAG	875bp	(1, 2)
	<i>bla</i> _{CTX-M-group2} -R	TAACCGTCGGTGACGATTTT		
<i>CTX-M-8</i>	<i>bla</i> _{CTX-M-group8} -F	ATGATGAGACATCGCGTTAAG	865bp	(3)
	<i>bla</i> _{CTX-M-group8} -R	CGGTGACGATTTTTCGCGGCAG		
<i>CTX-M-9</i>	<i>bla</i> _{CTX-M-group9} -F	ATGGTGACAAAGAGAGTGCA	913bp	(3)
	<i>bla</i> _{CTX-M-group9} -R	TTACAGCCCTTCGGCGATGA		
<i>TEM</i>	<i>bla</i> _{TEM} -F	ATTCTTGAAGACGAAAGGGC	1150bp	(1, 2)
	<i>bla</i> _{TEM} -R	ACGCTCAGTGGAACGAAAAC		
<i>SHV</i>	<i>bla</i> _{SHV} -F	CACTCAAGGATGTATTGTG	885bp	(1, 2)
	<i>bla</i> _{SHV} -R	TTAGCGTTGCCAGTGCTCG		
<i>OXA-1</i>	<i>OXA-1-F</i>	ACACAATACATATCAACTTCGC	813bp	(4)
	<i>OXA-1-R</i>	AGTGTGTGTTTAGAATGGTGATC		
<i>OXA-2</i>	<i>OXA-2-F</i>	TTCAAGCCAAAGGCACGATAG	702bp	(5)
	<i>OXA-2-R</i>	TCCGAGTTGACTGCCGGGTTG		
MOX-1, MOX-2, CMY-1, CMY-8 to CMY-11	MOXMF MOXMR	GCTGCTCAAGGAGCACAGGAT CACATTGACATAGGTGTGGTGC	520bp	(6)
LAT-1 to LAT-4, CMY-2 to CMY-7, BIL-1	CITMF CITMR	TGGCCAGAACTGACAGGCAAA TTTCTCCTGAACGTGGCTGGC	462bp	(6)
<i>DHA-1, DHA-2</i>	<i>DHAMF</i>	AACTTTCACAGGTGTGCTGGGT	405bp	(6)
	<i>DHAMR</i>	CCGTACGCATACTGGCTTTGC		
<i>FOX-1 to FOX-5b</i>	<i>FOXMF</i>	AACATGGGGTATCAGGGAGATG	190bp	(6)
	<i>FOXMR</i>	CAAAGCGCGTAACCGGATTGG		
<i>CMY-2</i>	<i>CMY-2F</i>	AACACACTGATTGCGTCTGAC	1226bp	(6)
	<i>CMY-2R</i>	CTGGGCCTCATCGTCAGTTA		
<i>sul1</i>	<i>sul1-F</i>	TGGTGACGGTGTTCGGCATTTC	789bp	(2, 4, 7)
	<i>sul1-R</i>	GCGAGGGTTTCCGAGAAGGTG		
<i>sul2</i>	<i>sul2-F</i>	CGGCATCGTCAACATAACC	722bp	(4, 7)
	<i>sul2-R</i>	GTGTGCGGATGAAGTCAG		
<i>sul3</i>	<i>sul3-F</i>	GAGCAAGATTTTTGGAATCG	990bp	(4, 7)
	<i>sul3-R</i>	CATCTGCAGCTAACCTAGGGCTTTGGA		
<i>aadA1 or aadA2</i>	<i>aadA-F</i>	GCAGCGCAATGACATTCTTG	282bp	(4, 7)
	<i>aadA-R</i>	ATCCTTCGGCGCGATTTTG		
<i>tet(A)</i>	<i>tet(A)-F</i>	GTAATTCTGAGCACTGTCCG	937bp	(4, 7)
	<i>tet(A)-R</i>	CTGTCCTGGACAACATTGCTT		
<i>tet(B)</i>	<i>tet(B)-F</i>	CTCAGTATTCCAAGCCTTTG	416bp	(4, 7)

	tet(B)-R	CTAAGCACTTGTCTCCTGTT		
<i>tet(C)</i>	tet(C)-F	TCTAACAAATGCGCTCATCGT	570bp	(4, 7)
	tet(C)-R	GGTTGAAGGCTCTCAAGGGC		
<i>aph(3')-Ia</i>	aph(3')-Ia-F	ATGGGCTCGCGATAATGTC	600bp	(4, 7)
	aph(3')-Ia-R	CTCACCGAGGCAGTTCCAT		
<i>aac(3)-IId</i>	AacC2-F	ACTGTGATGGGATACGCGTC	237bp	(4)
	AacC2-R	CTCCGTCAGCGTTTCAGCTA		
<i>aac(3)-IVa</i>	AacC4-F	CTTCAGGATGGCAAGTTGGT	286bp	(4)
	AacC4-R	TCATCTCGTTCTCCGCTCAT		
<i>qepA</i>	qepA-F	GGACATCTACGGCTTCTTCG	199bp	(2)
	qepA-R	CAACTGCTTGAGCCCGTAG		
<i>qnrA</i>	qnrA-F	AGAGGATTTCTCACGCCAGG	580bp	(2, 8, 9)
	qnrA-R	TGCCAGGCACAGATCTTGAC		
<i>qnrB</i>	qnrB-F	GGMATHGAAATTCGCCACTG	264bp	(2, 8, 9)
	qnrB-R	TTTGCYGYGCGCCAGTCGAA		
<i>qnrS</i>	qnrS-F	GCAAGTTCATTGAACAGGGT	428bp	(2, 8, 9)
	qnrS-R	TCTAAACCGTCGAGTTCGGCG		
<i>aac(6')-Ib-cr</i>	<i>aac(6')-Ib-cr-F</i>	TTGCGATGCTCTATGAGTGGCTA	482bp	(10)
	<i>aac(6')-Ib-cr-R</i>	CTCGAATGCCTGGCGTGTTT		
<i>strA</i>	strA-F	CCTGGTGATAACGGCAATTC	546bp	(11)
	strA-R	CCAATCGCAGATAGAAGGC		
<i>strB</i>	strB-F	ATCGTCAAGGGATTGAAACC	509bp	(11)
	strB-R	GGATCGTAGAACATATTGGC		
<i>dfrA1, dfrA5,</i> <i>dfrA15, dfrA15b,</i> <i>dfrA16, dfrA16b</i>	DfrIa-F	GTGAAACTATCACTAATGG	474bp	(4)
	DfrIa-R	TTAACCCCTTTTGCCAGATTT		
<i>dfrA14, dfrA6</i>	DfrIb-F	GAGCAGCTICTITTTAAAGC	393bp	(4)
	DfrIb-R	TTAGCCCTTTIICCAATTTT		
<i>dfrA7, dfrA17</i>	DfrVII-F	TTGAAAATTTTCATTGATT	474bp	(4)
	DfrVII-R	TTAGCCTTTTTTCCAAATCT		
<i>dfrA12, dfrA13</i>	DfrXII-F	GGTGCGCAGAAGATTTTTTCGC	319bp	(4)
	DfrXII-R	TGGGAAGAAGGCGTCACCCTC		
<i>cmlA</i>	CmlA-F	TGTCATTTACGGCATACTCG	455bp	(4)
	CmlA-R	ATCAGGCATCCCATTCCCAT		
<i>floR</i>	FloR1	CACGTTGAGCCTCTATAT	868bp	(4)
	FloR2	ATGCAGAAGTAGAACGCG		
<i>intl1</i>	<i>intl1-F</i>	CACTCCGGCACCGCCAACCTTC	545bp	(12)
	<i>intl1-R</i>	GAACGGGCATGCGGATCAGTGAG		
<i>mcr-1</i>	<i>mcr1_320bp_fw</i>	AGTCCGTTTTGTTCTTGTGGC	320bp	(13)
	<i>mcr1_320bp_rev</i>	AGATCCTTGGTCTCGGCTTG		
<i>mcr-2</i>	<i>mcr2_700bp_fw</i>	CAAGTGTGTTGGTCGCAGTT	715bp	(13)
	<i>mcr2_700bp_rev</i>	TCTAGCCCGACAAGCATAACC		
<i>mcr-3</i>	<i>mcr3_900bp_fw</i>	AAATAAAAATTGTTCCGCTTATG	929bp	(13)
	<i>mcr3_900bp_rev</i>	AATGGAGATCCCCGTTTTT		

<i>mcr-4</i>	mcr4_1100bp_fw	TCACTTTCATCACTGCGTTG	1116bp	(13)
	mcr4_1100bp_rev	TTGGTCCATGACTACCAATG		
<i>mcr-5</i>	MCR5_FW	ATGCGGTTGTCTGCATTTATC	1644bp	(14)
	MCR5_RV	TCATTGTGGTTGTCCTTTTCTG		

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