

**Supplementary Table S1. List of oligonucleotide primers**

Primer name	Sequence (5'→3')	Annealing temperature	Reference
CMY-2-F	AACACACTGATTGCGTCTGAC	55°C	Jørgensen et al.; JAC. 2010 Mar; 65(3):460-4. doi: 10.1093/jac/dkp484
CMY-2-R	CTGGGCCTCATCGTCAGTTA		
CMY-2_IntF	AAGCGCAATGCCCTGCTG		
CMY-2_IntF1	ACAACCTTGACGCCGAAGC		
CTXMGr1-Fout	GTTGTTGTTAWTTCGTMCTTCCAGA	55°C	Vogt et al.; MDR. 2014 Oct;20(5):485-94. doi: 10.1089/mdr.2013.0210.
CTXMGr1-Rout	TTCCCCATTCCGTTTCCG		
CTXMGr1-FinSeq	CGCGTGATACCACTTCAC		
CTXMGr1-RinSeq	CCGACTGCCGCTCTAATT		
CTXM914F	GCTGGAGAAAAGCAGCGGAG	54°C	Pitout et al., JCM. 2004 Dec;42(12):5715-21. doi: 10.1128/JCM.42.12.5715-5721.2004
CTXM914R	GTAAGCTGACGCAACGTCTG		
DHA-1_fwd	GCGGTTTCTGTGGCGAAAAA	55°C	This study
DHA-1_rev	CGTACGCATACTGGCTTTGC		
LAP F	CAATACAAAGCACAGAAGACC	54°C	Poirel et al. AAC. 2007 Feb;51(2): 01082-06. doi:10.1128/AAC.01082-06
LAP R	CCGATCCCTGCAATATGCTC		
NDM-Fm	GGTTTGGCGATCTGGTTTTTC	54°C	Poirel et al., AAC. 2011 Feb; 55(2): 934-6. doi: 10.1128/AAC.01247-10
NDM-Rm	CGGAATGGCTCATCACGATC		
OXA-48-F	TTGGTGGCATCGATTATCGG	55°C	Queenan et al., CMI. 2007 Jul; 2007 Jul;20(3):440-58. doi:10.1128/CMR.00001-07
OXA-48-R	GAGCACTTCTTTTGTGATGGC		
OXA-1A	TCAACTTTCAAGATCGCA	55°C	Poirel et al., AAC. 2004 Jan; 48(1):15-22. doi:10.1128/AAC.48.1.15-22.2004
OXA-1B	GTGTGTTTAGAATGGTGA		
oxa9_fwd	TGGAATCTTGCAGTCGCCAA	54°C	This study
oxa9_rev	TATGCGCGACAAAGCGTAGA		
SHV-F	ATTTGTGCGTTCTTTACTCGC	54°C	Szabó et al., JCM. 2005 Oct;43(10):5058-64. doi:10.1128/JCM.43.10.5058-5064.2005
SHV-R	TTTATGGCGTTACCTTTGACC		
SHV-SeqF	GAGGCGCTTCCCGGCGAC		
SHV-SeqR	CAAGGCGGGTGACGTTGTC		
TEM-F	AGACGTCAGGTGGCACTTTTCGG	54°C	Hujer et al.; AAC. 2006 Dec; 50(12):4114-23.doi: 10.1128/AAC.00778-06
TEM-R	CAAGGGGTCTGACGCTCA		
gyrA-A	CGCGTACTATACGCCATGAACGTA	50°C	Brisse et al.; AAC. 1999 Aug; 43(8):2051-55.
gyrA-C	ACCGTTGATCACTTCGGTCAGG		
parC-A	CTGAATGCCAGCGCCAAATT	50°C	Brisse et al.; AAC. 1999 Aug; 43(8):2051-55.
parC-C	TGCGGTGGAATATCGGTTCGC		