

Table S1. Primers and positive control strains or DNA used for multiplex PCRs to detect virulence-associated genes and *mcr-1* to *mcr-10* genes.

Primer name	Sequence (5′-3′)	Target gene	Amplicon size (bp)	Positive control strain / DNA	Primer reference
Multiplex-PCR-VAGs					
STb-1	TGCCTATGCATCTACACAAT	estb	113	E. coli E57	[13,14]
STb-2	CTCCAGCAGTACCATCTCTA				
STaP-1	CAACTGAATCACTTGACTCTT	estap	158	E. coli 987P, E. coli B41, E. coli E57	[13,14]
STaP-2	TTAATAACATCCAGCACAGG				
K99-1	AATACTTGTTTCAGGGAGAAA	fanA	230	E. coli B41	[13,14]
K99-2	AAC TTTGTGGTTAACTTCCT				
LT-1	GGCGTTACTATCCTCTCTAT	eltB-Ip	272	E. coli G7	[13,14]
LT-2	TGGTCTCGGTCAGATATGT				
F18-1	TGGTAACGTATCAGCAACTA	fedA	313	E. coli E57	[13,14]
F18-2	ACTTACAGTGCTATTTCGACG				
P987-1	AAGTTACTGCCAGTCTATGC	fasA	409	E. coli 987P	[13,14]
P987-2	GTAAC TCCACCGTTTGTATC				
F-EaeA-1	ATATCCGTTTTAATGGCTATCT	eae	425	E. coli TTP-1	[15]
F-EaeA-2	AATCTTCTGCGTACTGTGTTCA				
K88-1	GAATCTGTCCGAGAATATCA	faeG	499	E. coli G7	[13,14]
K88-2	GTTGGTACAGGTCTTAATGG				
F41-1	AGTATCTGGTTCAGTGATGG	fimF41a	612	E. coli B41	[13,14]
F41-2	CCACTATAAGAGGTTGAAGC				
Stx2e-1	AATAGTATACGGACAGCGAT	stx2	733	E. coli E57, E. coli TTP-1	[13,14]
Stx2e-2	TCTGACATTCTGGTTGACTC				
Multiplex-PCR-I					
CLR F	CGGTCAGTCCGTTTGTTC	mcr-1	309	E. coli IHIT22995 (this study)	[16]
CLR R	CTTGGTCGGTCTGTAGGG				
MCR2-IF	TGTTGCTTGTGCCGATTGGA	mcr-2	567	E. coli IHIT31008 [7]	[17]
MCR2-IR	AGATGGTATTGTTGGTTGCTG				
MCR3-F	TTGGCACTGTATTTTGCATTT	mcr-3	542	E. coli IHIT37100 (this study)	[18]
MCR3-R	TTAACGAAATTGGCTGGAACA				
Mcr-4 FW	ATTGGGATAGTCGCCTTTT	mcr-4	488	Salmonella R3445 [8]	[12]

Mcr-4 RV	TTACAGCCAGAATCATTATCA				
MCR5_rev	TCATTGTGGTTGTCCTTTTCTG	mcr-5	771	Salmonella 13-SAO1718 [9]	[1]
MCR-5-mp-fw	TGCATGTTTTCCCTCAATGG				This study
Multiplex-PCR-II					
mcr-6-mp-fw	AGCTATGTCAATCCCGTGAT	mcr-6	252	Genomic DNA - Top10F' + pCR2.1-mcr-6 (provided by M. Borowiak)	[19]
mcr-6-mp-rev	ATTGGCTAGGTTGTCAATC				
mcr-7-mp-fw	GCCCTTCTTTTCGTTGTT	mcr-7	551	Genomic DNA - Top10F' + pCR2.1-mcr-7 (provided by M. Borowiak)	[19]
mcr-7-mp-rev	GGTTGGTCTCTTTCTCGT				
mcr-8-mp-fw	TCAACAATTCTACAAAGCGTG	mcr-8	856	Genomic DNA - Top10F' + pCR2.1-mcr-8 (provided by M. Borowiak)	[19]
mcr-8-mp-rev	AATGCTGCGCGAATGAAG				
mcr-9-mp-fw	TTCCCTTTGTTCTGGTTG	mcr-9	1011	E. coli IHIT41513 (this study)	This study
mcr-9-mp-rev	GCAGGTAATAAGTCGGTC				
mcr-10-mp-F	TATCCTGAGCCGTCTTGAAC	mcr-10	386	Enterobacter kobei IHIT44343 (this study)	This study
mcr-10-mp-R	GGATCAGCGAAGCGAGCAT				

References

1. Borowiak, M.; Fischer, J.; Hammerl, J.A.; Hendriksen, R.S.; Szabo, I.; Malorny, B. Identification of a novel transposon-associated phosphoethanolamine transferase gene, *mcr-5*, conferring colistin resistance in d-tartrate fermenting *Salmonella enterica* subsp. *enterica* serovar Paratyphi B. *J. Antimicrob. Chemother.* **2017**, *72*, 3317–3324, <https://doi.org/10.1093/jac/dkx327>.