Supplementary Table S1. Primers used for PCR

Primer	Target	Sequence 5'--3'	Reference
1- β-Lactamases			
TEM-F	*bla*$_{TEM}$	ATAAAATTCTTGAAGACGAAA	[1]
TEM-R		GACAGTTACCAATGCTTAATC	
SHV-F	*bla*$_{SHV}$	TTATCTCCCTGTTAGCCACC	[1]
SHV-R		GATTTGCTGATTTCGCTCGG	
OXA- F	*bla*$_{OXA}$	TCAACTTTCAAGATCGCA	[2]
OXA-R		GTGTGTTTAGAATGGTGA	
CTX-M-F	*bla*$_{CTX-M}$	CGCTTTGCGATGTGCAG	[3]
CTX-M-R		ACCGCGATATCGTTGGT	
CMY-F	*bla*$_{CMY}$	GACAGCCTCTTTCTCCACA	[4]
CMY-R		TGGAACGAAGGCTACGTA	
OXY-F	*bla*$_{OXY}$	GTTTTGGTAACTGTGACGGG	[5]
OXY-R		AGAGTGCAGAGTGTTGCAG	
2- Plasmid-mediated quinolone resistance genes			
qnrA-F	*qnrA*	ATTTCTCACGCCAGGATTTG	[6]
qnrA-R		GATCGGCAAAGGTTAGGTCA	
qnrB-F	*qnrrB*	GATCGTGAAAGCCAGAAAGG	[6]
qnrB-R		ACGATGCCTGGTAGTTGTCC	
qnrS-F	*qnrS*	ACGACATTCGTCAACTGCAA	[6]
qnrS-R		TAAATTGGCACCCTGTAGGC	
aac(6')-Ib-F	*aac(6')-Ib*	TTGCGATGCTCTATGAGTGGCTA	[7]
aac(6')-Ib-R		CTCGAATGCCTGGCGTGTTT	
3- Tetracyclines			
tet(A)-F	*tet*(A)	GCTACATCCTGCTTGCCTTC	[8]
tet(A)-R		CATAGATCGCCGTGAAGAGG	
tet(B)-F	*tet*(B)	TTGGTTAGGGGCAAGTTTTG	[8]
tet(B)-R		GTAATGGGCCAATAACACCG	
tet(C)-F	*tet*(C)	CTTGAGAGCCTTCAACCCAG	[8]
tet(C)-R		ATGGTCGTCATCTACCTGCC	
tet(D)-F	*tet*(D)	AAACCATTACGGCATTCTGC	[8]
tet(D)-R		GACCGGATACACCATCCATC	
tet(E)-F	*tet*(E)	AAACCACATCCTCCATACGC	[8]
tet(E)-R		AAATAGGCCACAACCGTCAG	
4- Phylogenetic group			
ChuA.1b	*chuA*	ATGGTACCGGACGAACCAAC	[9]
ChuA.2.2		TGCCGCCAGTACCAAAGACA	
YjaA.1b	*yjaA*	CAAACGTGAAGTGTCAGGAG	[9]
YjaA.2b		AATGCGTTCCTCAACCTGTG	
TspE4C2.1b	*tspE4C*	CACTATTCGTAAGGTCATCC	[9]
TspE4C2b		AGTTTATCGCTGCGGGTCGC	
AceK.f	*arpA*	AACGCTATTCGCCAGCTTGC	[9]
ArpA1.r		TCTCCCCATACCGTACGCTA	
5- Virulence genes			
ETEC	*lt*	GGCGACAGATTATACCGTGC	[10]
		CGGTCTCTATATTCCCTGTT	
	st	ATTTTTCTTTCTGTATTGTCTT	[10]
		CACCCGGTACAAGCAGGATT	
EPEC	*bfp*A	AATGGTGCTTGCGCTTGCTGC	[10]
		GCCGCTTTATCCAACCTGGTA	
	*eae*A	GACCCGGCACAAGCATAAGC	[10]
		CCACCTGCAGCAACAAGAGG	
STEC	*stx*1	CTGGATTTAATGTCGCATAGTG	[10]
		AGAACGCCCACTGAGATCATC	
	stx2	GGCACTGTCTGAAACTGCTCC	[10]
		TCGCCAGTTATCTGACATTCTG	
EIEC	*ial*	GGTATGATGATGATGAGTCCA	[10]
		GGAGGCCAACAATTATTTCC	
6- ERIC–PCR			
ERIC2	ERIC	AAGTAAGTGACTGGGGTGAGCG	[11]

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