Table S1. PCR primers used in this study

Species/antibiotics/ Virulence Factors	Target Gene	Primer Sequence (5′-3′)	Reference
Species Identification			
Campylobacter spp.	***16S rRNA***	F : GGATGACACTTTTCGGAGC R : CATTGTAGCACGTGTGTC	[57]
C. jejuni	***mapA***	F : CTATTTTATTTTTGAGTGCTTGTG R : GCTTTATTTGCCATTTGTTTTATTA	[58]
C. coli	***ceuE***	F: AATTGAAAAATTGCTCCAACTATG R: TGATTTTATTATTTGTAGCAGCG	[58]
AMR determinents			
Tetracycline	***tet*(O)**	F: GCGTTTTGTTTATGTGCG R: ATGGACAACCCGACAGAAG	[63]
	***tet*(A)**	F : GTGAAACCCAACATACCC R : GAAGGCAAGCAGGATGTAG	[25]
	***tet*(B)**	F : CCTTATCATGCCAGTCTTGC R : ACTGCCGTTTTTTCGCC	[25]
	***tet*(L)**	F: TGTGGCAACACATCGTCATTCCT R : TTCTCATAGCTAACTTGTGGAACA	[37]
MultidrugCmeABC efflux system	***cmeB***	F: AGGCGGTTTTGAAATGTATGTT R: TGTGCCGCTGGGAAAAG	[64]
Ampicillin/Amoxicillin	***bla*$_{OXA-61}$**	F: AGAGTATAATACAAGCG R: TAGTGAGTTGTCAAGCC	[65]
Gentamicin	***aphA-3***	F: TGCGTAAAAGATACGGAAG R: CAATCAGGCTTGATCCCC	[65]
Erythromycin	***23S rRNA***	23S rRNA.F : TTAGCTAATGTTGCCCGTACCG ERY2075: TAGTAAAGGTCCACGGGGTCGC ERY2074: AGTAAAGGTCCACGGGGTCTGG	[60]
	ermB	F:TGAAAAAGTACTCAACCAAAT R:TCCTCCCGTTAAATAATAGAT	[25]
Ciprofloxacin /Nalidixicacid	***gyrA-Cj***	gryA1: TTTTTAGCAAAGATTCTGAT gyrA5: AAAGCATCATAAACTGCAA gyrA4: CAAAGCATCATAAACTGCAG	[61]
Ciprofloxacin /Nalidixicacid	***gyrA-Cc***	gyrA3: TATGAGCGTTATTATCGGTC gyrA8: TAAGGCATCGTAAACAGCCA gyrA4: GTCCATCTACAAGCTCGTTA	[62]
VirulenceFactors			
FlaAprotein (motility)	***flaA***	F:AATAAAAATGCTCATAAAAACAGGTG R :TACCGAACCAATGTCTGCTCTGATT	[66]
CadF, outer membrane protein (adhesion)	***cadF***	F : TTGAAGGTAATTTAGATATG R : CTAATACCTAAAGTTGAAAC	[67]
Cytolethaldistendingtoxinsubunit (CDT toxin production)	***cdtA***	F : CCTTGTGATGCAAGCAATC R : ACACTCCATTTGCTTTCTG	[68]
Cytolethaldistendingtoxinsubunit B (CDT toxin production)	***cdtB***	F : CAGAAAGCAAATGGAGTGTT R : AGCTAAAAGCGGTGGAGTAT	[69]
Cytolethaldistendingtoxinsubunit C (CDT toxin production)	***cdtC***	F : CGATGAGTTAAAACAAAAAGATA R : TTGGCATTATAGAAAATACAGTT	[69]
Type IV secretion system (invasion)	***virB11***	F : TCTTGTGAGTTGCCTTACCCCTTTT R : CCTGCGTGTCCTGTGTTATTTACCC	[69]
*1,3- galactosyltransferases involved in lipopolysaccharide production (GBS)	***wlaN***	F : TTAAGAGCAAGATATGAAGGTG R : CCATTTGAATTGATATTTTTG	[69]
	CgtB	F :TAAGAGCAAGATATGAAGGTG R :GCACATAGAGAACGCTACAA	
CeuE, lipoproteininvolved in iron acquisition	***ceuE- Cj***	F :CCTGCTACGGTGAAAGTTTTGC R :GATCTTTTTGTTTTGTGCTGC	[70]
	ceuE-Cc	F :ATGAAAAAATA TTTAGTTTTTGCA R :ATTTTATTATTTG TAGCAGCG	