

Supplementary Material

Supplementary Table S1. DNA primers used for MLST

Primer name	Sequence (5'→3')	Target	Gene	Purpose
Cj_aspA_A9-F	AGTACTAATGATGCTTATCC	<i>C. jejuni</i>	<i>aspA</i> (aspatase)	amplification
Cj_aspA_A10-R	ATTCATCAATTTGTTCTTTGC			
Cj_glnA_A1-F	TAGGAACCTGGCATCATATTACC		<i>glnA</i> (glutamine synthetase)	
Cj_glnA_A2-R	TTGGACGAGCTTCTACTGGC			
Cj_gltA_A1-F	GGGCTTGACTTCTACAGCTACTTG		<i>gltA</i> (citrate synthase)	
Cj_gltA_A2-R	CCAAATAAAGTTGTCTTGGACGG			
Cj_glyA_A1-F	GAGTTAGAGCGTCAATGTGAAGG		<i>glyA</i> (serine hydroxy methyl transferase)	
Cj_glyA_A2-R	AAACCTCTGGCAGTAAGGGC			
Cj_pgm_A7-F	TACTAATAATATCTTAGTAGG		<i>pgm</i> (phospho glucomutase)	
Cj_pgm_A8-R	CACAACATTTTTCATTTCTTTTC			
Cj_tkt_A3-F	GCAAACCTCAGGACACCCAGG		<i>tkt</i> (transketolase)	
Cj_tkt_A6-R	AAAGCATTGTTAATGGCTGC			
Cj_uncA_A7-F	ATGGACTTAAGAATATTATGGC		<i>uncA</i> (ATP synthase alpha subunit)	
Cj_uncA_A8-R	ATAAATTCCATCTTCAAATTCC			
Cj_aspA_S3-F	CCAACCTGCAAGATGCTGTACC		<i>aspA</i> (aspatase)	sequencing
Cj_aspA_S6-R	TTCATTTGCGGTAATACCATC			
Cj_glnA_S3-F	CATGCAATCAATGAAGAAAC		<i>glnA</i> (glutamine synthetase)	
Cj_glnA_S6-R	TTCATAAGCTCATATGAAC			
Cj_gltA_S3-F	CTTATATTGATGGAGAAAATGG		<i>gltA</i> (citrate synthase)	
Cj_gltA_S6-R	CCAAAGCGCACCAATACCTG			
Cj_glyA_S5-F	GCTAATCAAGGTGTTTATAT		<i>glyA</i> (serine hydroxy methyl transferase)	
Cj_glyA_S7-F	AGCCTAATTCAGGTTCTCAA			
Cj_glyA_S4-R	AGGTGATTATCCGTTCCATCGC		<i>pgm</i> (phospho glucomutase)	
Cj_pgm_S5-F	GGTTTTAGATGTGGCTCATG			
Cj_pgm_S2-R	TCCAGAATAGCGAAATAAGG		<i>tkt</i> (transketolase)	
Cj_tkt_S5-F	GCTTAGCAGATATTTTAAGTG			
Cj_tkt_S6-R	AAGCCTGCTTGTTCTTTGGC		<i>uncA</i> (ATP synthase alpha subunit)	
Cj_uncA_S3-F	AAAGTACAGTGGCACAAGTGG			
Cj_uncA_S4-R	TGCCTCATCTAAATCACTAGC		<i>aspA</i> (aspatase)	amplification & sequencing
Aspcoli S1	CAACTTCAAGATGCAGTACC			
Aspcoli S2	ATCTGCTAAAGTATGCATTGC	<i>C. coli</i>	<i>glnA</i> (glutamine synthetase)	
Glncoli S1	TTCATGGATGGCAACCTATTG			
Glncoli S2	GCTTTGGCATAAAAGTTGCAG		<i>gltA</i> (citrate synthase)	
Gltcoli S1	GATGTAGTGCATCTTTTACTC			
Gltcoli S2	AAGCGCTCCAATACCTGCTG			

		<i>glyA</i> (serine hydroxy methyl transferase)
Glycoli S1	TCAAGGCGTTTATGCTGCAC	
Glycoli S2	CCATCACTTACAAGCTTATAC	
Pgmcoli S1	TTATAAGGTAGCTCCGACTG	<i>pgm</i> (phospho glucomutase)
Pgmcoli S2	GTTCCGAATAGCGAAATAACAC	
Tktcoli S1	AGGCTTGTTGTTTCAGGCGG	<i>tkt</i> (transketolase)
Tktcoli S2	TGACTTCCTTCAAGCTCTCC	
Unccoli S1	AAGCACAGTGGCTCAAGTTG	<i>uncA</i> (ATP synthase alpha subunit)
Unccoli S2	CTACTTGCCTCATCCAATCAC	

Supplementary Table S2. DNA primers used for sequencing of biomarkers

Primer Name		Sequence
Cam-S10	F	GGAAAGAATYAGGCTTAAGCTAAAAGCTTA
	R	TCCGGTGCWAGWGAWACRATYTCATA
	1	GGAATAYATYGTAGAAAAAATHGGHATGAG
	2r	TACCTGGYTGAACRCGACCTG
	3	GTGGTGGTAAAAARCCWGGAGACAA
	4	GGACCAAADGCWACHGCRCC
	5	ATATACTCCAAGYAGAAGATWTATBACAGG
	6	CCVGTTTATRTHACWGAAAAATCAYATMGG
	7r	TCTWGCYTTWGTGGAGATARTCTTATGAA
	8	ATAGAAAYTGGGARTCWAGATGGTTTCC
	9	CTTATGGHAAATAGGDRTWAAAGTDTGGAT
	10	AAAAGCTAAAAACWATGCARCTWACTAAYCC
	New-F	CTTGGTATGTTGAAGCGGG
	New-R	CAAAGATACGAGTTCCGATAG
Cam-spc	F	ATGTGTATYAARGTTTTAGGBGGTAGYAAA
	R	AATTTGAGCYTCDATYTTTCTCATYGTRTC
	1	GARITTTGATATHAAAAAYCCTATGCTTATMCC
	2	CAATGATWGCAAAAGCDGCMCGCAA
	3	GCWTATTGGGGAACCTAYAGAGCTTTA
	4r	TTAGATGTYTTRCCRGCTTTGCGKAT
	5	AATTTGAAGAAGTAATCGTCGAYATCGG
	6r	ATTRACSCCMGGWACTGGMACATAA
Cam- α	F	AAAGTHGAACTHACRCCHTATAGYCTTGA
	R	AGCCRCGCATRCTATCRAATTCATG
	1	TAAGYGAAGATGARGCHGCDGCTAT
	2r	CCTTTTCTRTGTCTTAAGCCTCTAWAGC
	3	GAGGACCAGTWGARAAATTAGAAAGACG
Cam-S15	F	GATCAACAAAGCGTAGAATA
	R	CGCTAGCTTTGGTAAATAGC
Cam_L7L12	F	GTTGCAGATGTTGCTAAGG
	R	GTCAAACCTCTTCCATGC
Cam_L32	F	CTTTTTCGAAGTGATGGTAT
	R	ATTTCCCACTAAGATAGC