Table S1. Primer sequences for O-antigen polymerase (*wzy*).

Serotype	Assay	Primers	Oligonucleotide sequences (5'-3')	Amplicon
O2	III	wzy2_F474	TTGGTCTGCTTTGCCTTTTT	111 bp
		wzy2_R584	TCTCCTGAGATCGCAATCAA	
O6	III	wzy6_F370	TATCCGCATGGTCCTTATCC	299 bp
		wzy6_R668	CCCTTCAAGGTGCTAAATGC	
O26	I	wzy26_F223	TTAGGCGGTACCCATGAAGTCA	242 bp
		wzy26_R464	GGTGCCATAAAGACAAAACAAAGA	
O45	I	wzy45_F188	ATCGCGTTCGTCTGGATGAAAT	443 bp
		wzy45_R630	AGCGCCCCTGATATCTCCTACAG	
O53	III	wzy53_F481	CCATTTCAAACAAGTGAAGAAGG	201 bp
		wzy53_R681	TGCCAACATCCCGTTTCTAT	
O91	III	wzy91_F812	AGTCGGGGCTTGTTTTTAGG	384 bp
		wzy91_R1195	CAGATATGCCGACCGTTTTC	
O98	III	wzy98_F123	TGAACCAATACGCGGTTTTT	1025 bp
		wzy98_R1147	ATGTGCTGTTGTGCTTGGAG	
O103	II	wzy103_F929	CCCCGCGGGTATTTGCTAT	184 bp
		wzy103_R1112	TCGTATGCGTTCGTTCTAAGATAA	
O104	--	wzy104_F433	TTAGCCGTTGCCATATTTTTGTAT	429 bp
		wzy104_R861	ATTACCCGGGGCAATTATCATTA	
O111	II	wzy111_F495	TTCCGTAATTTGCATCCTGATAC	549 bp
		wzy111_R1043	TTTGCAAATCCATAAACAACTCC	
O115	III	wzy115_F113	CATTCGTCGTGATGTGCATT	690 bp
		wzy115_R802	TATTTGTCATCACCGCTTGC	
O121	I	wzy121_F306	TACAGCCGGTAGTGTTGAAAGGAT	626 bp
		wzy121_R931	CGCCCGTGTTAATATTCCAAGTC	
O145	I	wzy145_F754	ATGGGCAGTATCTCTGGTATTGAA	334 bp
		wzy145_R1087	TTGAAAGCCCGGATATTAGGAA	
O157	II	wzy157_F586	GTAGGGGTTGTATGCTCGTTGTT	278 bp
		wzy157_R863	GCTCCCATGTCTCCAAATACTTGT	
O168	III	wzy168_F285	TTTTAGCGTTGCTGCTATAGTGA	926 bp
		wzy168_R1210	CGAACCGTATAGCGGAAAAA	
O177	III	wzy177_F442	GGATTGATGGGGTCTGGTTA	523 bp
		wzy177_R964	AGCCAGTACCCAGAACAGGA	

Table S2. Primer sequences for flagellar H antigen (*fliC*) identification.

Serotype	Assay	Primers	Oligonucleotide sequences (5'-3')	Amplicon
H2	II	fliC2_F806	TAGCGGGTACCCAGCCTCAAG	305 bp
		fliC2_R1111	CATCGCTTCCACCCAGTTCAA	
H4	II	fliC4_F544	AGCGCGGCGAAACTGAC	215 bp
		fliC4_R760	ACTTCCGCTGCACCAACA	
H7	I	fliC7_F581	CTGGCGCGAAGTTAAACACCA	670 bp
		fliC7_R1251	ACCCGCGGTAAACCCAATAGTT	
H8	I	fliC8_F633	CGGCGCGGTTAAGAATGATG	196 bp
		fliC8_R829	GCTCTGCGCCAGTGTTGTTAGTAA	
H10	III	flic10_F272	GTGTGCGTGAGCTGACTGTT	555 bp
		flic10_R826	TGGCTTTAAGTGCAGAAGCA	
H11	I	fliC11_F752	CAGCGGCTAAGAATAAAGCACAGA	237 bp
		fliC11_R989	GTGGCAGCCTTGTTATCAACTTTG	
H16	III	flic16_F705	TCCTTACCACCCACCTGAAC	403 bp
		flic16_R1107	CCATTGAGATTGCCCTTGAT	
H19	II	fliC19_F650	CCGCGACTGCAAGCAATGTA	493 bp
		fliC19_R1143	AGCCGCGTCTTTTAACACCTGA	
H21	II	flic21_F430	CGTGCTTCCTGTTTTCTTGG	172 bp
		flic21_R601	TGAATTCACTATTTCGGGGAGT	
H25	III	flic25_F579	TGGCGATAAACCTGTTGATGT	759 bp
		flic25_R1337	GGCCATTAGCCTTGTAACAG	
H28	I	fliC28_F1040	ACTGGCATACAACAGGCACACC	387 bp
		fliC28_R1427	TTACCATCCGCTGAAACATAGACTG	
H34	II	flic34_F423	CGGTTCGATGAAAATTCAGG	727 bp
		flic34_1149	AATGCCCGTAAATGCAGATG	
H38	III	flic38_F916	GCCGCCTTGAAGAATAACAC	172 bp
		flic38_R1087	GCAGAGTCAGTGGATCGTTG	
H45	III	flic45_F531	CAAAGGCACTATTGCGAACA	272 bp
		flic45_R802	CAGCCGCTGGTTTCAGAGT	

Figure S1. Repetitive (rep)-PCR fingerprint profiles for a subset of deer and cattle diarrheagenic *E. coli* isolates. The Dice coefficient and a 0.5 % band position tolerance were used to identify isolates that were identical within and between animals. Cluster analysis was performed using the unweighted pair group method.

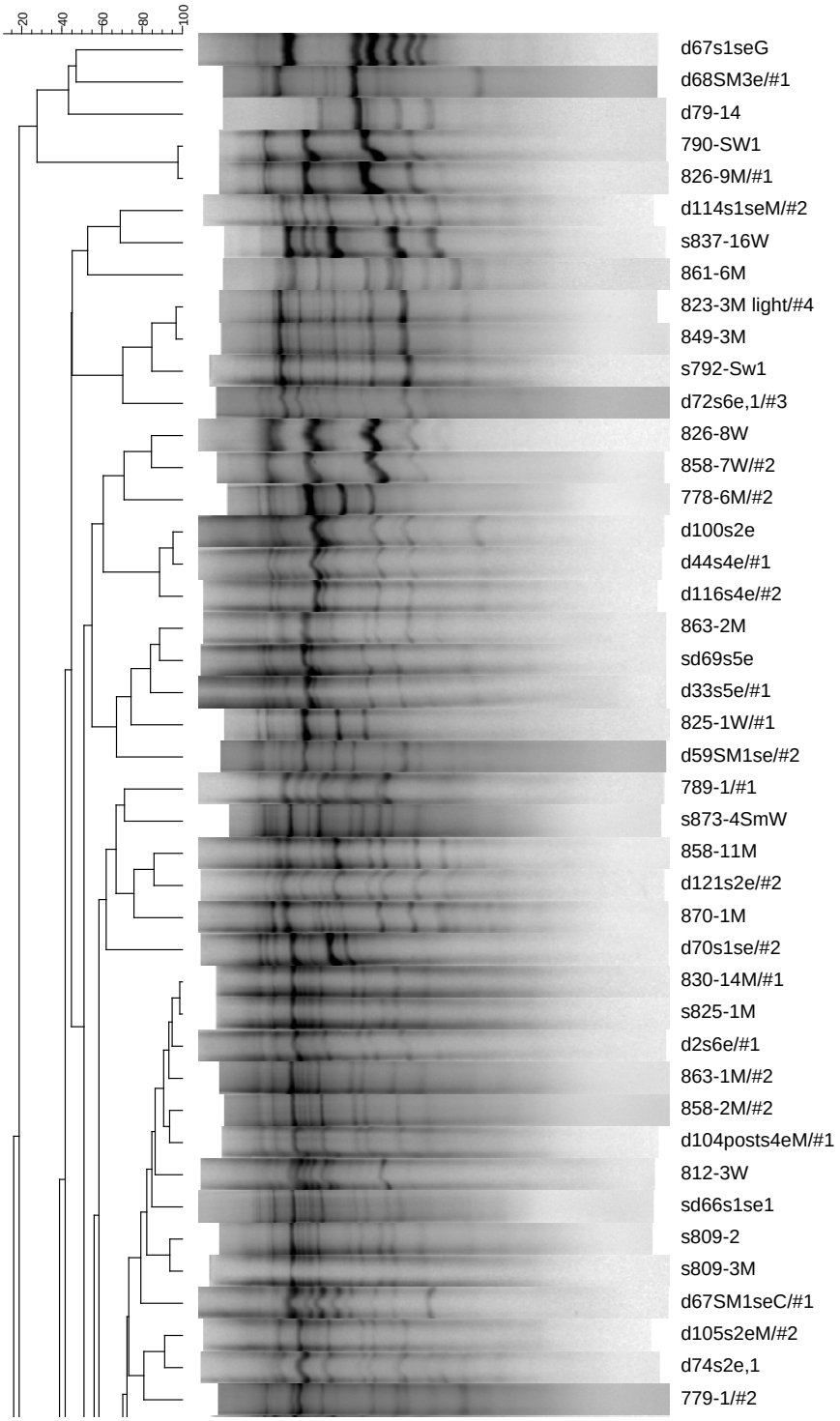

Figure S1., continued