

Table S1. Oligonucleotides used for screening and isolation of DEC pathovars

Target gene	Primer sequence	Amplicon	Reference
<i>stx</i> ₁	GAAGAGTCCGTGGGATTACG AGCGATGCAGCTATTAATAA	130	Leotta <i>et al.</i> , 2005.
<i>stx</i> ₂	TTAACCACACCCCACCGGGCAGT GCTCTGGATGCATCTCTGGT	346	
<i>rfb</i> O ₁₅₇	CGGACATCCATGTGATATGG TTGCCTATGTACAGCTAATCC	259	
<i>eae</i>	GGAACGGCA GAGGTAACTCTGCAG GGCGCTCATCA TAGTCTTTC	346	Blanco <i>et al.</i> , 2003.
<i>aaiC</i>	TGGTGACTACTTTGATGGACATTGT GACACTCTTCTGGGGTAAACGA	313	Boisen <i>et al.</i> , 2012.
<i>aggR</i>	GTATACACAAAAGAAGGAAGC ACAGAATCGTCAGCATCAGC	254	Wieler <i>et al.</i> , 2011.

Table S2. Oligonucleotides used for characterization of DEC isolates

Target gene	Primer sequence	Amplicon	Reference
<i>saa</i>	CGTGATGAACAGGCTATTGC ATGGACATGCCTGTGGCAAC	119	Paton and Paton, 2002.
<i>ehxA</i>	GCATCATCAAGCGTACGTTCC AATGAGCCAAGCTGGTTAAGCT	534	Paton and Paton, 2002.
<i>bfpA</i>	AAT GGTGCTTGGCGTTGCTGC GCCGCTTTATCCAACCTGGTA	326	Gunzburg <i>et al.</i> , 1995.
O174wzx	TCTAGGACCTGTAGAACA GTAGTTGATCTGAGCGAT	656	Beutin <i>et al.</i> , 2005.
O174wzy	TATGGGTCCTATTACTTTC GTATCGGAGATCATTATTAC	759	
<i>stx</i> _{1a}	CCTTTCCAGGTACAACAGCGGTT GGAAACTCATCAGATGCCATTCTGG	478	Scheutz <i>et al.</i> , 2012.
<i>stx</i> _{1c}	CCTTTCCTGGTACAACCTGCGGTT CAAGTGTTGTACGAAATCCCCTCTGA	252	
<i>stx</i> _{1d}	CAGTTAATGCGATTGCTAAGGAGTTTACC CTCTTCCTCTGGTTCTAACCCCATGATA	203	
<i>stx</i> _{2a}	GCGATACTGRGBACTGTGGCC CCGKCAACCTTCACTGTAAATGTG GCCACCTTCACTGTGAATGTG	349 - 347	
<i>stx</i> _{2b}	AAATATGAAGAAGATATTTGTAGCGGC CAGCAAATCCTGAACCTGACG	251	
<i>stx</i> _{2c}	GAAAGTCACAGTTTTTATATACAACGGGTA CCGGCCACYTTTACTGTGAATGTA	177	
<i>stx</i> _{2d}	AAARTCACAGTCTTTATATACAACGGGTG TTYCCGGCCACTTTTACTGTG TCAACCGAGCACTTTGCAGTAG GCCTGATGCACAGGTACTGGAC	179 – 280	
<i>stx</i> _{2e}	CGGAGTATCGGGGAGAGGC CTTCCTGACACCTTCACAGTAAAGGT	411	
<i>stx</i> _{2f}	TGGGCGTCATTCCTGCTTG TAATGGCCGCCCTGTCTCC	424	
<i>stx</i> _{2g}	CACCGGGTAGTTATATTTCTGTGGATATC GATGGCAATTCAGAATAACCGCT	573	