

Table S1. Characterization of *E. coli* O157:H7 and Shiga-toxigenic *E. coli* isolated from swab samples collected from various locations.

Location	Date of collection <sup>a</sup>	Pathogen type <sup>b</sup>	Strain	MLVA	<i>rfbE</i>	<i>stx1</i>	<i>stx2</i>	<i>eaeA</i>	subtilase	<i>ehxA</i>	<i>hlyA</i>	<i>fliC</i>
SABSAL	1/15/13	STEC	FN875-A1R	1104	NT <sup>c</sup>	+	-	+	-	+	NT	NA <sup>d</sup>
SABSAL	2/20/13	STEC	FN955-H3NB	401	NT	+	+	-	+	+	NT	NA
SABSAL	2/20/13	STEC	FN955-A4NB	401	NT	+	+	-	+	+	NT	NA
SABSAL	2/20/13	STEC	FN955-H9NB	401	NT	+	+	-	+	+	NT	NA
SABSAL	2/20/13	STEC	FN955-B10B	401	NT	+	+	-	+	+	NT	NA
SABSAL	3/6/13	STEC	FN983-C3B	357	NT	+	-	-	+	+	NT	NA
SABSAL	5/29/13	O157:H7	FN1143-1	1150	+	-	+	+	NT	NT	+	+
SABSAL	6/26/13	STEC	FN1193-F3B	302	NT	+	+	-	+	+	NT	NA
SABSAL	6/26/13	STEC	FN1193-B4B	302	NT	+	+	-	+	+	NT	NA
SABSAL	6/26/13	STEC	FN1193-C4NB	302	NT	+	+	-	+	+	NT	NA
SABSAL	8/7/13	STEC	FN1270-F12B	1115	NT	+	-	-	-	-	NT	NA
ALICAR	4/3/13	O157:H7	FN1052-1	1146	+	+	+	+	NT	NT	+	+
ALICAR	4/3/13	O157:H7	FN1052-5	1105	+	+	+	+	NT	NT	+	+
ALICAR	4/3/13	STEC	FN1052-E10B	95	NT	-	+	-	-	+	NT	NA
GABVET	3/6/13	STEC	FN997-A3NB	1014	NT	+	-	+	-	+	NT	NA
GABVET	3/6/13	STEC	FN997-B3NB	1014	NT	+	-	+	-	+	NT	NA
GABVET	3/6/13	STEC	FN997-G3NB	1014	NT	+	-	+	-	+	NT	NA
GABVET	3/6/13	STEC	FN997-B5NB	1014	NT	+	-	+	-	+	NT	NA
GABVET	3/6/13	STEC	FN997-D5NB	1014	NT	+	-	+	-	+	NT	NA
GABVET	3/6/13	STEC	FN997-H5B	1014	NT	+	-	+	-	+	NT	NA
GABVET	6/26/13	O157:H7	FN1207-1	1075	+	+	+	+	NT	NT	+	+
GFBELM	1/2/13	O157:H7	FN849-2	1135	+	+	+	+	NT	NT	+	+
GFBELM	2/13/13	O157:H7	FN931-1	1144	+	-	+	+	NT	NT	+	+
GFBELM	2/13/13	O157:H7	FN931-4	1106	+	-	+	+	NT	NT	+	+
GFBELM	2/20/13	O157:H7	FN958-1	1106	+	-	+	+	NT	NT	+	+
GFBELM	2/20/13	STEC	FN958-G2R	1095	NT	+	-	-	-	-	NT	NA
GFBELM	3/6/13	STEC	FN986-C4NB	1098	NT	-	+	-	-	-	NT	NA
GFBELM	3/6/13	STEC	FN986-D8NB	1088	NT	+	-	-	-	-	NT	NA
GFBELM	5/1/13	STEC	FN1093-F2R	1120	NT	+	-	+	-	+	NT	NA
GFBELM	5/1/13	STEC	FN1093-H2R	1119	NT	+	-	+	-	+	NT	NA
GFBELM	5/29/13	STEC	FN1146-G2R	1111	NT	-	+	+	-	+	NT	NA

<sup>a</sup> More than one date of sampling indicate more than one strain isolated from the same sample.

<sup>b</sup> Characterizations based on growth on NT-Rainbow agar O157, CHROMagar O157, Sheep's blood agar with and without novobiocin. Results confirmed by real-time PCR for virulence genes (*stx1*, *stx2*, *eaeA*, subtilase, *hlyA*) and serotype specific genes (*rfbE* and *fliC*) <sup>1</sup>.

<sup>c</sup> not tested

<sup>d</sup>not applicable

1. M. B. Cooley, M. Jay-Russell, E. R. Atwill, D. Carychao, K. Nguyen, B. Quinones, R. Patel, S. Walker, M. Swimley, E. Pierre-Jerome, A. G. Gordus and R. E. Mandrell, *PLoS One*, 2013, **8**, e65716.