

Appendix Table. Hybridization/PCR amplification results for 9 virulence genes*†

<i>Escherichia coli</i> strain	Antigen			Chromosomal genes			pO157 genes				pOSAK1 genes	
	O	H	Sorbitol fermentation‡	<i>Stx1</i>	<i>Stx2</i>	<i>eae</i>	<i>KatP</i>	<i>ToxB</i>	<i>HlyA</i>	<i>EspP</i>	<i>ORF1</i>	<i>ORF2</i>
K12§				-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-	-/-
EDL933	157	7	-	+/+	+/+	+/+	+/+	+/+	+/+	+/+	+/+	+/+
E851/71	142	6		-/-	-/-	+/+	-/-	+/-	-/-	-/-	+/-	+/-
C771	142	6		-/-	-/-	+/+	+/-	+/-	-/-	-/-	-/-	-/-
93-111	157	7	-	+/+	+/+	+/+	+/+	+/+	+/+	+/+	-/-	-/-
OK-1	157	7	-	+/+	+/+	+/+	+/+	+/+	+/+	+/+	+/+	+/+
86-24	157	7	-	-/-	+/+	+/+	+/+	+/+	+/+	+/+	+/+	+/+
2886-75	157	7	-	+/+	-/-	+/+	+/-	+/+	+/+	+/+	+/+	+/+
493 /89	157	-	+	-/-	+/+	+/+	-/-	-/-	+/+	-/-	-/-	-/-
E32511	157	-	-	-/-	+/+	+/+	+/+	+/+	+/+	+/+	-/-	-/-
G5101	157	7	-	+/+	+/+	+/+	-/-	+/+	+/+	-/-	-/-	-/-
5905	55	7	+	-/-	+/+	+/+	-/-	-/-	-/-	-/-	-/-	-/-
TB182A	55	7	-	-/-	-/-	+/+	+/+	-/-	-/-	-/-	-/-	-/-
DEC5D	55	7	+	-/-	-/-	+/+	-/-	-/-	-/-	-/-	-/-	-/-
3256-97	55	7	+	-/-	+/+	+/+	-/-	-/-	-/-	-/-	-/-	-/-
DEC8B												
111	8	+	+/+	+/+	+/+	+/+	-/-	+/+	+/-	-/-	-/-	
3007-85	111	-	+	+/+	+/+	+/+	-/-	-/-	+/+	+/-	-/-	-/-
TB226A	111	-	+	-/-	+/+	+/+	+/+	-/-	+/+	+/-	-/-	-/-
928/91	111	-	+	+/+	+/+	+/+	-/-	-/-	-/-	-/-	-/-	-/-
412/55	111	-	+	+/+	-/-	+/+	-/-	-/-	-/-	-/-	-/-	-/-
DEC8C	111	-		+/+	-/-	+/+	+/+	+/+	+/+	+/+	-/-	-/-
C412	111	-	+	+/+	-/-	+/+	+/+	-/-	+/+	+/-	-/-	-/-
H19	26	11	+	+/+	-/-	+/+	+/+	+/+	+/+	+/+	-/-	-/-
DEC10B	26	11	+	+/+	-/-	+/+	-/-	-/-	+/-	-/-	-/-	-/-
DEC10C	26	11	+	-/-	-/-	+/+	+/+	+/+	+/+	+/+	-/-	-/-
TB285C	26	-	+	+/+	-/-	+/+	+/+	+/+	+/+	+/+	-/-	-/-
VP30	26	-	+	-/-	-/-	+/+	+/+	+/+	+/+	+/+	-/-	-/-
RDEC-1	15	-	+	-/-	-/-	+/+	-/-	-/-	-/-	-/-	-/-	-/-
BCL19	N	-	+	+/+	-/-	+/+	-/-	-/-	+/+	+/+	-/-	-/-
DEC10J	70	11		+/+	-/-	+/+	-/-	+/+	+/+	+/+	-/-	-/-
ED-31	111	-	+	+/+	+/+	+/+	-/-	-/-	-/-	-/+	-/-	-/-
CL-3	113	21	+	-/-	+/+	-/-	-/-	-/-	+/+	+/+	-/-	-/-
DEC16A	113	21	+	-/-	-/-	+/+	-/-	-/-	-/-	-/-	-/-	-/-
G5506	104	21	-	-/-	+/+	+/+	-/-	-/-	+/+	+/+	-/-	-/-
B2F1	91	21	-	-/-	+/+	+/+	-/-	-/-	+/+	+/+	-/-	-/-
23/67	91	7	+	-/-	-/-	+/+	-/-	-/-	-/-	-/-	-/-	-/-
TB154A	103	6	+	+/+	-/-	+/+	-/-	-/-	+/+	-/-	-/-	-/-

88–1509	15	27	+	+/+	+/+	-/-	-/-	-/-	-/-	-/-	-/-	-/-
M2113	156	21	+	+/+	-/-	+/+	-/-	-/-	+/+	+/+	-/-	-/-
BCL17	5	–	+	+/+	-/-	+/+	+/+	+/-	+/+	+/+	-/-	-/-
90–1787	X03	–	+	-/-	+/+	-/-	-/-	-/-	+/+	+/+	-/-	-/-
Total positive (Hyb+/PCR)				21/21	19/19	37/37	17/15	16/13	27/26	23/20	5/4	5/4

*Forty enterohemorrhagic *Escherichia coli* isolates representing 21 distinct OH antigenicity groups obtained from the National Food Safety and Toxicology Center, Michigan State University.

†ORF, open reading frame; hyb, hybridized.

‡Fermentation of sorbitol as determined by zorbitol–MaConkey plates.

§*E. coli* strain DH5a.