

Table 1. Summary of virulence testing performed by the *E. coli* Reference Center of Pennsylvania State University (provided by the depositor.)

ATCC Number	Strain	O Type	H Type	STa	SLT1	SLT2	CNF1	CNF2	EAE	K99	CS31A	F1845	O157	H7	BFP
BAA-1427	P1	-	4	-	-	-	-	-	-	-	-	-	-	-	-
BAA-1428	P3	154	-	-	-	-	-	-	-	-	-	-	-	-	-
BAA-1429	P8	-	34	-	-	-	-	-	-	-	-	-	-	-	-
BAA-1430	P14	85	34	-	-	-	+	-	-	-	-	-	-	-	-
BAA-1431	P68	106	12	-	-	-	-	+	-	-	-	-	-	-	-

Explanation of Virulence Factors

Virulence Attribute	Name	Associated with	Clinical Signs
STa, STb	Heat stable toxin a, b	ETEC	Neonatal diarrhea in mammals
SLT1, SLT2	Shiga-like toxin types I, II	Enterohaemorrhagic <i>E. coli</i> (EHEC)	Hemorrhagic colitis, HUS in humans
<i>eae</i>	Intimin	All	Attaching and effacing lesions
CNF1, CNF2	Cytotoxic Necrotizing Factors 1, 2	Necrotogenic <i>E. coli</i> (NTEC)	Diarrhea
K88, K99	Fimbriae (adhesion factor)	ETEC	Diarrhea
F1845, CS31A	Fimbriae	ETEC	Diarrhea
<i>bfp</i>	Bundle forming pili	Enteropathogenic <i>E. coli</i> (EPEC)	Mucoid diarrhea
O157	O type 157	EHEC	Diarrhea
H7	H type 7	EHEC	Diarrhea