

Table S3. Strains used to evaluate *tcdA* and comparison among three detected methods

Taxon	Strain	Detection result		
		<i>tcdA</i>		
		Lemee	Kato	our <i>tcdA</i>
<i>Escherichia coli</i>	ATCC25922	-	-	-
<i>Enterococcus Faecom</i>	ATCCBBA472	-	-	-
<i>Enterococcus faecalis</i>	ATCC51299	-	-	-
<i>Clostridium perfringen</i>	ATCC13124	-	-	-
<i>Bacteroides fragilis</i>	ATCC25285	-	-	-
<i>Clostridium botulinum</i> <i>C.difficile</i> (Standard strains)	Clinical isolates	-	-	-
	ATCCBBA1803	+	+	+
	ATCC43594	+	+	+
	ATCC43255	+	+	+
	ATCC43593	-	-	-
	ATCC43603	-	-	-
	ATCC43598	-	-	-
	HL017	-	-	-
	ATCC9689	+	+	+
	2	-	-	-
	4	-	-	-
	5	-	-	-
	6	-	-	-
	7	-	-	-
	16	-	-	-
23	-	-	-	
28	-	-	-	
29	-	-	-	
38	-	-	-	
50	-	-	-	
<i>C.difficile</i> (RT017)	GZ2	-	-	-
	GZ3	-	-	-
	GZ6	-	-	-
	GZ8	-	-	-
	GZ11	-	-	-
	GZ12	-	-	-
	GZ13	-	-	-
	GZ14	-	-	-
	HN9	-	-	-
	ZR8	-	-	-
	ZR9	-	-	-
	ZR18	-	-	-
	ZR29	-	-	-
	ZR58	-	-	-
	ZR59	-	-	-

	ZR65	-	-	-
	ZR66	-	-	-
	ZR68	-	-	-
	ZR72	-	-	-
	ZR73	-	-	-
	ZR82	-	-	-
	BJ08	-	-	-
	XA15	+	+	+
	Z132	+	+	+
	YN34	+	+	+
	YN13	-	-	-
	N20	-	+	+
	YN206	+	+	+
	18SD148	-	-	-
	18SD133	+	+	+
	18SD67	+	+	+
	18SD62	+	+	+
	18SD42	+	+	+
	18SD41	+	+	+
	XA4	-	-	-
	18SC199	+	+	+
	18SC207	+	+	+
	XA5	-	-	-
	18SC198	+	+	+
	XA8	+	+	+
	18SD140	+	+	+
	18SD145	+	+	+
	18SD110	-	-	-
	18SD178	+	+	+
	18SC139	+	+	+
	18SC152	-	-	-
	18SC135	+	+	+
	18SD195	+	+	+
	18SD18	+	+	+
	18SD36	-	-	-
	18SD25	+	+	+
	18SC197	+	+	+

C.difficile
(Clinical isolates)