

Supplementary Table 1. Details of repository isolates (2009 to 2019) used in this study and the results

Region	State	Place	Year	VP2 sequencing	Whole Genome sequencing	Strain	NCBI GenBank Accession ID
Southern	Puducherry	Puducherry	2009	-	1	CPV-2a Variant	OR296278*
	Tamil Nadu	Coimbatore	2011	-	1	CPV-2a Variant	OR296281*
		Chennai	2019	-	1	CPV-2a Variant	OR296286*
		Salem	2012	-	1	CPV-2a Variant	OR296280*
	Karnataka	Mysore	2012	-	1	CPV-2a Variant	OR296279*
	Kerala	Trivandrum	2012	-	1	CPV-2a Variant	OR296282*
		Thrissur	2012	-	1	CPV-2a Variant	OR296283*
			2014	1	1	CPV-2a Variant (2)	KP071945, OR296285*
Western	Goa	Goa	2019	-	1	CPV-2a Variant	OR296287*
	Maharashtra	Nagpur	2013	1	-	CPV-2a Variant	KP071949
		Mumbai	2014	1	-	CPV-2a Variant	KP071946
Northern	Punjab	Ludhiana	2014	1	-	CPV-2b Variant	KP071954
	Uttar Pradesh	Mathura	2014	-	1	CPV-2a Variant	OR296284*
Eastern	West Bengal	Kolkata	2014	4	-	CPV-2a Variant (2) CPV-2b Variant (2)	KP071948, KP071952 KP071953, KP071955
North-Eastern	Sikkim	Gangtok	2014	1	1	CPV-2a Variant (2)	KP071947, OR296288*
Central	Madhya Pradesh	Jabalpur	2014	1		CPV-2c	KP071956
6 regions	11 States	15 places		10	11		

* NCBI GenBank Accession ID for the Whole genome sequence