

Supplementary Table 7. Aminoacid positions and variations in the NS1 gene of the repository isolates (2009 - 2019) and recent CPV strains (2023)

Aminoacid positions	Aminoacid variations	2009- 2019 repository isolates (11)	2023 recent CPV strains (18)
19	Lys19→Arg	10	1
60	Ile60→Val	-	13
207	Asp207→Asn	6	11
217	Lys217→Arg	-	2
229	Phe229→Val	-	3
231	Ser231→Thr	-	1
237	Lys237→Arg	1	4
242	Lys242→Arg/ Ile	-	7
247	Gln247→His	-	1
260	Glu260→Asp	-	1
263	Glu263→Asp	-	1
351	Asn351→Lys	-	4
383	Ala383→Gly	-	1
389	Gln389→Arg/ Glu	-	5
392	Lys392→Ile	-	1
427	Asn427→Asp	-	3
544	Phe544→Tyr	-	1
545	Val545→Glu	-	6
554	His554→Gln	-	1
572	Glu572→Lys	-	1
583	Lys583→Glu	-	15
584	Thr584→Lys	-	3
586	Ala586→Val	-	3
596	Val596→Ala	-	3
630	Leu630→Pro	-	13
664	Arg664→Gln	-	2