

Supplementary Table 2: Oligonucleotide primer sequences used for CPV screening and the whole CPV genome sequencing

Purpose	Primer	Oligonucleotide primer sequence (5' → 3')	Target gene	Nucleotide Position	Amplicon size
CPV Screening & strain differentiation primers	H-for	CAGGTGATGAATTTGCTACA	Partial VP2 gene	3556-3575	630 bp
	H-rev	CATTTGGATAAACTGGTGGT		4166-4185	
Whole genome sequencing primers	CPV_NS_F1_For*	TCGCTTCTTGCTTTGACAGAGTGAACC	Non-structural protein gene (NS1 & NS2)	226-253	782 bp
	CPV_NS_F1_Rev*	CATTTGATTGACACTTCCTTTTTAG		1108-1132	
	CPV_NS_F2_For*	GTATCAAGACAGACAAATTGTCAGC		998-1022	936 bp
	CPV_NS_F2_Rev*	ACATCCAATTCTCACAATTGTTATATT		1737-1763	
	CPV_NS_F3_For*	AGAAGCTGGTAACTTTGGTCAACAAGTT		1604-1631	797 bp
	CPV_NS_F3_Rev*	CCCTCCCCCACTTTACTAACACACCCTTAC		2317-2347	
	CPV_SP_F1_For*	GGTACGATGGCACCTCCGGCAAAGAGAGCC	Structural protein gene (VP1 & VP2)	2280-2309	907 bp
	CPV_SP_F1_Rev*	ACTGCAGTTTTATCCATATTATTTACA		3035-3061	
	CPV_SP_F2_For*	GATTTCTACGGGTACTTTCAATAATC		2903-2928	744 bp
	CPV_SP_F2_Rev*	AAGCCCAATGCTCTATTTGTTTGCCATG		3619-3646	
	H-for	CAGGTGATGAATTTGCTACA		3556-3575	630 bp
	H-rev	CATTTGGATAAACTGGTGGT		4166-4185	
	CPV_SP_F4_For*	ATGTATTGCTACCAACAGATCCAATTG		4069-4095	470 bp
	CPV_SP_F4_Rev*	CTAGGTGCTAGTTGATATGTAATAAACA		4505-4538	

** Oligonucleotide primer sequences designed in our laboratory based on the CPV-2 sequence (GenBank Accession No. M38245) and their primer positions are based on CPV-2 (GenBank Accession No. M38245)*