

Supplementary table 10. B cell Epitope prediction identifies 19 distinct peptide epitopes with 7 major peptide epitope regions (Bolded) among them based algorithmic score over the CPV VP2 capsid protein of CPV vaccine strain.

No.	Start	End	Peptide Epitopes	Length
1	4	56	GAVQPDGGQPAVRNERATGSGNGSGGGGGGGSGGVGISTGTFNNQTEFKFLEN	53
2	86	100	NLDKTAVNGNMALDD	15
3	135	137	ELH	3
4	157	166	ATQPPTKVYN	10
5	193	194	ET	2
6	201	202	KP	2
7	213	238	QWDRTLVPSTGTSGTPTNIYHGTDP	26
8	262	262	A	1
9	270	280	CKPCRLHTWQ	11
10	292	315	NSLPQSEGATNFGDIGVQQDKRRG	24
11	331	376	MRPAEVGYSAFYYSFEASTQGPFKTPIAAGRGGGAQTDENQAADGNP	46
12	383	446	QHGKTTTTGETPERFTYIAHQDTGRYPEGDWIQNINFNLPTNDNVLLPTDPIGGKTGINYTN	64
13	462	462	P	1
14	474	481	FDTDLKPR	8
15	507	520	TNEYDPDASANMSR	14
16	541	562	ASHTWNPIQQMSINVDNQFNYY	22
17	564	564	S	1
18	567	570	GGMK	4
19	573	580	YEKSQLAP	8