

### ORF-CBP Family Alignment

<i>BPSVgORF112</i>	.MKSTYLLFALS LVLVLSAALSAPMN. . . .TDEQRNW	C	RIHKDKLYSRFRLYMK ITR	50					
<i>ORFVgORF112</i>	.MKVLLLVLLGAFNAAPLVGNQ. RLDSEEKANF	C	STHQNEVYARFRLLQMRVGV	53					
<i>SB87_gp112</i>	. .MKRFIFAAL	C	LLSSVQPAPVVTY. . .TSEKENF	51					
<i>SB87_gp111</i>	.MR	C	LILTAVLAAALALIGAAPSS. . . .PEKKEF	49					
<i>PCPV_gp116</i>	MRAFVLLLALVGAFAHA VPMREHYGNPDSA	E	KQKFLTHNTEMYAKFRFLYMRIQV	55					
<i>BPSVgORF112</i>	. .TTVTPTGMC	MLD	DIENSNDLDETDEVT	NVT	STISFRDSTATFEASGV	NGS	IT	103	
<i>ORFVgORF112</i>	RHSPLYTPSNM	C	MMDIEDSIMDIE	NS	EKE. . . . .Y TSAATGDANGV	NVS	VA	100	
<i>SB87_gp112</i>	. .NLYSSVKAQ	C	TLDIETEFESLD. . . . .SSSAYVDASGI	NA	IS		90		
<i>SB87_gp111</i>	. .TLHSEVSSQ	C	VLDIQN	NR	T	GGLD. . . . .WTEAYVEASGI	NVS	VN	88
<i>PCPV_gp116</i>	RHSPMYEPSNM	C	MLDLETSRLD	TD	. . . . .LSMAKFEANGI	NGS	IA	96	
<i>BPSVgORF112</i>	LMGDEVH I PMSYIGVSFDPSSAY. . .V FV	NVS	SWTPWEKSTTDLAANDFEG LKNI I	156					
<i>ORFVgORF112</i>	LIGEGVSIPLSYIGLGF	NPS	LADGYLYV	NVS	SRAPWVQQTLDLSANGGWGINQIL	155			
<i>SB87_gp112</i>	IMGENVYIPIN YVGIAYDLK DEN. . .Y YV	NVS	SFRPWIQTTKNLAVDGNKGLEELL	143					
<i>SB87_gp111</i>	VFGDEVYIPLSYVSVAYDPTKMDGFVYV	NVS	SFRPWEQYTK	NLS	DEGYHGLRQIL	143			
<i>PCPV_gp116</i>	LIGEDVSI PFSYIGVGFNPLLSR. Y YVYV	NVS	SWSPWDQLTAE LTSYDFWGLRQIL	150					
<i>BPSVgORF112</i>	NHQILA INL G	C	DHQYPAPKPTPK. . .PEKISTPST. TPGPTLLETEAPTTVPPVDT	208					
<i>ORFVgORF112</i>	EKELLA IQIG	C	DNQKFPEEPTTQPPSPVTTTLSSTTLDLTDENTD TPLTTTSA	210					
<i>SB87_gp112</i>	KNVMVSI D I G	C	DSQIITPGPYPTPPP K VHTLSADEIEDLENS. . . .T PPTPDVT	194					
<i>SB87_gp111</i>	QYGVVLI NVG	C	DGQA ILTTPAPPTTPP. . .STETTTIEHDYVYA. . . .SPTPPDTQ	192					
<i>PCPV_gp116</i>	AKERL I I QLG	C	DHQKFPEEPTPRTTPAQTTPEE. .ELEEEDYEYDELKPTPPNI	204					
<i>BPSVgORF112</i>	SSDRKKK PDPVDFSL LVDTR	C	IKNVDLYFELKDA	C	LAYKKSQSPFKLVGQHGTGQQ	263			
<i>ORFVgORF112</i>	SVNRKRNPDDDFD SLLVDP	C	VTSDVLDHVELRDA	C	IDYKEASQLSLKGYGDGEL	265			
<i>SB87_gp112</i>	K. DRKRK PDKLEFSLLRDPA	C	IKNVEVYFELMDA	C	LAKKKE TPLRFV GKTDNGEH	248			
<i>SB87_gp111</i>	R. DRKKNPDSVTVIMDFDKT	C	IKDVQVYFEIRDA	C	LDHKEKSPLRIVGKTD RGDG	246			
<i>PCPV_gp116</i>	YVDRKRNPGE LDFSL LADS	C	IESVDLYVELKDA	C	IN YRHTSPLRLKGEHNGEA	259			
<i>BPSVgORF112</i>	VRQDMKSLGTSYRT	C	KLKTSSTADNDMESAKDEE	297					
<i>ORFVgORF112</i>	VKKEIKDVGKDHNM	C	SLNLS PGH. . . . .	288					
<i>SB87_gp112</i>	VRKEVKQLD. GKRR	C	SMNLDSDYDDEELDP. . . . .	277					
<i>SB87_gp111</i>	ILKEIKRLES GNRV	C	SMHLDQDSGNETFDV. . . . .	276					
<i>PCPV_gp116</i>	VRKEIKT L TDSHTI	C	SMNMNPYDK. . . . .	283					

**Figure S12.** Sequence alignment of the ORF-CBP family members. Cysteine residues are boxed in yellow. Predicted N-linked glycosylation sites are boxed in blue.