

ORF-CBP Family Alignment

<i>BPSVgORF112</i>	.MKSTYLLFALS LVL SAA LSAPMN. . . .TDEQRNW	C	RIHKDKLYSRFRLYMK ITR	50
<i>ORFVgORF112</i>	.MKVVL L LVL LGAFTNAAPLVGNQ. RLDSEEKANF	C	STHQNEVYARFR LQMRVG V	53
<i>SB87_gp112</i>	. .MKRFIFAA L	C	LLSSVQPAPVVTY. . .TSEKENF	51
<i>SB87_gp111</i>	.MR	C	LILTAVLAAALALIGAAPSS. . . .PEKKEF	49
<i>PCPV_gp116</i>	MRA FV L L LALVGAFAHA VPMREHYGNPDSAEKQKF	C	LTHNTEMYAKFR LYMRIQV	55
<i>BPSVgORF112</i>	. .TTVTPTPTGM	C	MLDIENSNDLDETDEVT	103
<i>ORFVgORF112</i>	RHSPLYTPSNM	C	MMDIEDS IMDIE	100
<i>SB87_gp112</i>	. .NLYSSVKAQ	C	TLDIETEFESLD. . . .SSSAYVDASGI	90
<i>SB87_gp111</i>	. .TLHSEVSSQ	C	VLDIQN	88
<i>PCPV_gp116</i>	RHSPMYEPSNM	C	MLDLET SRLD TD	96
<i>BPSVgORF112</i>	LMGDEVH I PMSY IGVSFDPSSAY. .V FV	NVS	SWTPWEKSTTDLAANDFEGLKNI I	156
<i>ORFVgORF112</i>	LIGEGVSIPLSY IGLGF	NPS	LADGYLYV	155
<i>SB87_gp112</i>	IMGENVY IPI NYVGIAYDLKDEN. .VYV	NVS	SFRPW IQTTKNLAVDGNKGLEELL	143
<i>SB87_gp111</i>	VFGDEVY IPLSYVSVAYDPTKMDGFVYV	NVS	SFRPWEQYTK	143
<i>PCPV_gp116</i>	LIGEDVSI PFSY IGVGFNPLLSR. YVYV	NVS	SWSPWDQLTAE LTSYDFWGLRQIL	150
<i>BPSVgORF112</i>	NHQILAI N L G	C	DHQYPAPKPTPK. .PEKISTPST. TPGPTLLETEAPTTPVPVD T	208
<i>ORFVgORF112</i>	EKELLAIQ I G	C	DNQKFPEEPTTTQPPSPVTTT L SSTTLDLT DENTD T TPLTTTTS A	210
<i>SB87_gp112</i>	KNVMVSI D I G	C	DSQI I TPGPYPTPPPKVHTLSADEIEDLENS. . . .TPTTPDVT	194
<i>SB87_gp111</i>	QYGVVL I NVG	C	DGQAI LTTAPPTTTPP. .STETTTIEHDYVYA. . . .SPTPPDTQ	192
<i>PCPV_gp116</i>	AKERLI IQLG	C	DHQKFPEEPTPR TTPAQTTPEE. ELEEEDEY EYDE LKPTPPNI	204
<i>BPSVgORF112</i>	SSDRKKKPD PVD FSL LVDTR	C	IKNVDLYFELKDA	263
<i>ORFVgORF112</i>	SVNRKRNPDDDFD FSL LVDPR	C	VTSDVLHVELRDA	265
<i>SB87_gp112</i>	K. DRKRKPKDKLEFSL LRDP A	C	IKNVEVYFELMDA	248
<i>SB87_gp111</i>	R. DRKKNPDSVT VIMDFDKT	C	IKDVQVYFEIRDA	246
<i>PCPV_gp116</i>	YVDRKRNPGE LDFSL LADSR	C	IESVDLYVELKDA	259
<i>BPSVgORF112</i>	VRQDMKSLGTSYRT	C	KLKTSSTADNDMESAKDEE	297
<i>ORFVgORF112</i>	VKKEIKDV GKDHN M	C	SLNLSPGH.	288
<i>SB87_gp112</i>	VRKEVKQLD. GKRR	C	SMNLDSDYDDEELDP. . . .	277
<i>SB87_gp111</i>	ILKEIKRLES GNRV	C	SMHL DQDSGNETFDV. . . .	276
<i>PCPV_gp116</i>	VRKEIKT LTDSHTI	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.