

Data S1. The consensus sequences reconstructed for ERPVs

The consensus sequence of Pglav_1

#Nucleotide sequence

>Pglav_1 (7,421 bps)

ORF1→

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CAATGTGAAAATGTCCTTATAAAGAAATGAAACAGAAAGCAGTAGAAGAAAGTCAGAATGCTAAAA
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←ORF2
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#Protein sequences

> Pglav_1 (ORF1)
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>Pglav_1 (ORF2)

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The consensus sequence of PglA_V_2

#Nucleotide sequence

>PglA_V_2 (6,987 bps)

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→**ORF1**

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ORF2→

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←**ORF1**

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← ORF2

ORF3 →

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ORF4→

←ORF3

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ORF4←

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#Protein sequences

>Pglav_2 (ORF1)

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>Pglav_2 (ORF2)

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>Pglav_2 (ORF3)

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>Pglav_2 (ORF4)

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WLYILFWTYCPRDADFFKNTSKEAFKQWFQAEVQEA AHYEAWFVFNLSFMGSELHYEQTEPSQPP
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The consensus sequence of PtaeV_1

#Nucleotide sequence

>PtaeV_1 (8,058 bps)

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ORF1→

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→ORF2

←ORF1

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←ORF2

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#Protein sequences

>PtaeV_1 (ORF1)

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>PtaeV_1 (ORF2)

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The consensus sequence of PtaeV_2

#Nucleotide sequence

>PtaeV_2 (4,893 bps)

ORF1→

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←ORF1

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#Protein sequences

>PtaeV_2 (ORF1)

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The consensus sequence of GbilV

#Nucleotide sequence

>GbilV (6,081 bps)

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ORF1 →

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ORF2 →

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← **ORF1**

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←ORF2

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#Protein sequences

> Gbilv (ORF1)

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>Gbilv (ORF2)

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