

# Human Pegivirus in Patients with Encephalitis of Unclear Etiology, Poland

## Technical Appendix

Patient 1 <sup>155</sup>	
S1 (54433)	CACCTTGGTA GCCACTATAG GTGGGTCTTA AGAGAAGGTT AAGATTCCCTC TTGTCCCTGC GGCAGACCG CGCACGGTCC ACAGGTGTTG GCCTTACCGG TGTGAATAAG GGCCCGACGT
S2 (6310)	.....T.....
S3 (1040)	.....T.....
C1 (31166)	.....
C2 (9595)	.....
C3 (5524)	.....G.....
C4 (4958)	.....
C5 (2640)	.....C.....
C6 (2405)	.....G.....
C7 (1380)	.....
S1 (54433)	CAGGCTGTC GTTAAACCGA GCCCGTCACC CACCTGGGCT AAGCAGCGCC ACGTACGGTC CACGTGCGCC TTCAATGTCT CTCTTGACCA ATAGGTTTAT CCGGCGAGTT GACAAGGACC
S2 (6310)	.....T.....
S3 (1040)	.....
C1 (31166)	.....
C2 (9595)	.....T.....
C3 (5524)	.....G.....
C4 (4958)	.....
C5 (2640)	.....
C6 (2405)	.....T.....
C7 (1380)	.....T.....
S1 (54433)	AGTGGGGGCC GGGGGTCATG GGGATGGACC CCAGACCCTG CCCTTCCCGG TGGCCGGGA AA <sup>496</sup> -76.0
S2 (6310)	..... -76.0
S3 (1040)	..... -76.0
C1 (31166)	..... -76.0
C2 (9595)	..... -76.0
C3 (5524)	..... -76.1
C4 (4958)	..... -76.0
C5 (2640)	..... -76.0
C6 (2405)	..... -76.0
C7 (1380)	..... -73.0
Patient 2 <sup>155</sup>	
S1 (38312)	CACCTTGGTA GCCACTATAG GTGGGTCTTA AGAGAAGGTT AAGATTCCCTC TTGTCCCTGC GGCAGACCG CGCACGGTCC ACAGGTGTTG GCCTTACCGG TGTGAATAAG GGCCCGACAT
S2 (7338)	.....
S3 (3425)	.....
C1 (89296)	.....
C2 (17292)	.....
C3 (2473)	.....A.....
S1 (38312)	CAGGCTGTC GTTAAACCGA GCCCGTCACC CACCTGGGCT AAGCAGCGCC ACGTACGGTC CACGTGCGCC TTCAATGTCT CTCTTGACCA ATAGGTTTAT CCGGCGAGTT GACAAGGACC
S2 (7338)	.....C.....
S3 (3425)	.....
C1 (89296)	.....
C2 (17292)	.....C.....
C3 (2473)	.....C.....
S1 (38312)	AGTGGGGGCC GGGGGTTATG GGGAAGGACC CCAGACCCTG CCCTTCCCGG CGGACCGGA AA <sup>496</sup> -71.0
S2 (7338)	..... -71.0
S3 (3425)	.....C..... -73.6
C1 (89296)	..... -71.0
C2 (17292)	..... -71.0
C3 (2473)	..... -66.1
Patient 3 <sup>155</sup>	
S1 (53651)	CATCTTGGTA GCCACTATAG GTGGGTCTTA AGAGAAGGTT AAGATTCCCTC TTGTCCCTGC GGCAGACCG CGCACGGTCC GCAGGTGTTG GCCTTACCGG TGTGAATAAG GGCCCGACGT
S2 (1677)	.....
C1 (72134)	.....
C2 (1968)	.....T.....
C3 (1896)	.....
S1 (53651)	CAGGCTGTC GTTAAACCGA GCCCGTCACC CACCTGGGCA AAGCAGCGCC ACGTACGGTC CACGTGCGCC TTCAATGTCT CTCTTGACCA ATAGGTTTAT CCGGCGAGTT GACAAGGACC
S2 (1677)	.....T.....
C1 (72134)	.....
C2 (1968)	.....T.....
C3 (1896)	.....
S1 (53651)	AGTGGGGGCC GGGGGCTTGG AGAAGGACTC CAAGTCCCGC CCTTCCCGGT GGGCCGGAA AT <sup>496</sup> -79.0
S2 (1677)	..... -79.0
C1 (72134)	..... -79.0
C2 (1968)	..... -79.0
C3 (1896)	..... -79.0

**Technical Appendix Figure.** Comparison of 5' untranslated region human pegivirus sequences amplified from serum and cerebrospinal fluid from 3 patients with encephalitis of unclear origin, Poland, 2012–2015. Numbers in parentheses represent the number of reads representing a given sequence. Shading indicates sequences unique to cerebrospinal fluid. Nucleotide numbering follows the reference strain published by Linnen et al (2) (GenBank accession no. NC\_001710.1). Free energies of the predicted secondary RNA structures were calculated by using Mfold version 3.2 (26), and the structures themselves followed the model proposed by Simons et al. (28). C, cerebrospinal fluid; S, serum.

