

## **Supplementary S1. List of Supplementary Files**

Sequencing data is available on GISAID (<https://gisaid.org/>). We gratefully acknowledge all data contributors, i.e., the Authors and their Originating laboratories responsible for obtaining the specimens, and their Submitting laboratories for generating the genetic sequence and metadata and sharing via the GISAID Initiative, on which this research is based.

**Supplementary S2.** Metadata of 167 sequenced samples collected by authors of this article.

File: S2\_ua\_167\_meta.csv

**Supplementary S3.** Metadata of 1,081 sequenced samples from Ukraine (155 collected by authors of this article and 926 additional sequences). Used for bioinformatic analysis.

File: S3\_ua\_1081\_meta.csv

**Supplementary S4.** Metadata of 67 samples sequenced by authors of this article. These samples were collected in Ukraine between January and June 2022. Used for mutation analysis of refugee situation.

File: S4\_ua\_67\_meta\_mut.csv

**Supplementary S5.** Metadata of 18,747 sequenced samples from Poland (January and June 2022). Used for mutation analysis of refugee situation.

File: S5\_pl\_meta\_mut.csv

**Supplementary S6.** List of 31 mutations selected for mutation analysis of refugee situation.

File: S6\_mutations.docx