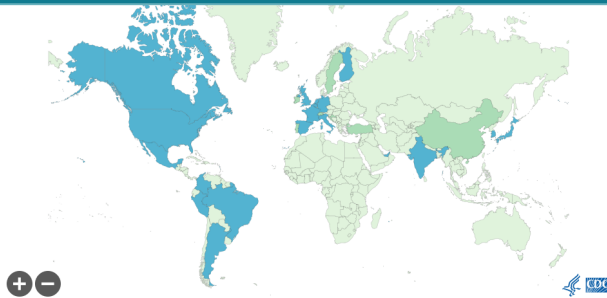


Divergence sekvencí RNA viru SARS-CoV-2

Bi4013 Týmový projekt z Matematické biologie a biomedicíny – biomedicínská bioinformatika

Natália Martínková
martinkova@mail.muni.cz

Přírodovědecká fakulta Masarykovy univerzity



The map shows which countries have reported variants of SARS-CoV-2. Because of differences in detection and reporting, variants are likely present in some countries that have not yet reported them. The lack of reporting of a variant in a country does not indicate the variant is absent in that country. Data were provided by the World Health Organization (WHO) Variant Tracker. *This map will be updated on Tuesdays by 7:00 pm.

● Not reported

● Verified

Filters

Variants

● Verified

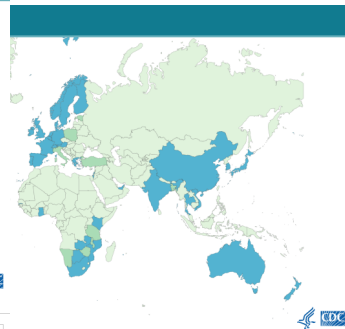
Filters

Variants

● Unverified

Filters

Variants



ts of SARS-CoV-2. Because of differences in detection and reporting, variants are likely present in some countries that have not yet reported them. The lack of reporting of a variant in a country. Data were provided by the World Health Organization Tuesdays by 7:00 pm.

● Unverified

¹<https://www.cdc.gov/>

NCBI SARS-CoV-2 Resources



Quick Navigation Guide

[Sequence Submission](#)

[Literature](#)

[Sequence-Related Resources](#)

[Clinical Resources](#)

[Other Websites](#)

SARS-CoV-2 Data

246,679

[SRA runs](#)

84,277

[Nucleotide records](#)

4,895

[ClinicalTrials.gov](#)

108,143

[PubMed](#)

115,663

[PMC](#)

¹<https://www.ncbi.nlm.nih.gov/sars-cov-2/>

Divergence sekvencí RNA viru SARS-CoV-2

- Vyhledat sekvence variant viru SARS-CoV-2 – CDC, NCBI
- Identifikovat úseky RNA, které jsou pro varianty charakteristické
- Vyhledat všechny sekvence jednotlivých variant – BLAST
- Stáhnout data izolace a místo původu sekvencí – E-utils, R
- Vizualizovat šíření variant viru – R
- (Kvantifikovat genetickou nepodobnost (sequence dissimilarity) variant viru SARS-CoV-2 – R)

M A S A R Y K O V A
U N I V E R Z I T A