

REPORT 60

Whole genomic sequencing of the SARS-CoV-2 variants

Colombo - Sri Lanka - 19.5.2023

Allergy Immunology and Cell Biology Unit

Department of Immunology and Molecular Medicine

University of Sri Jayewardenepura

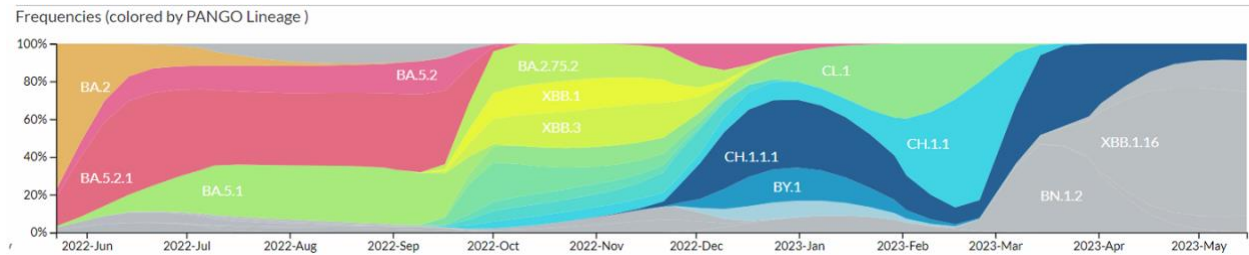
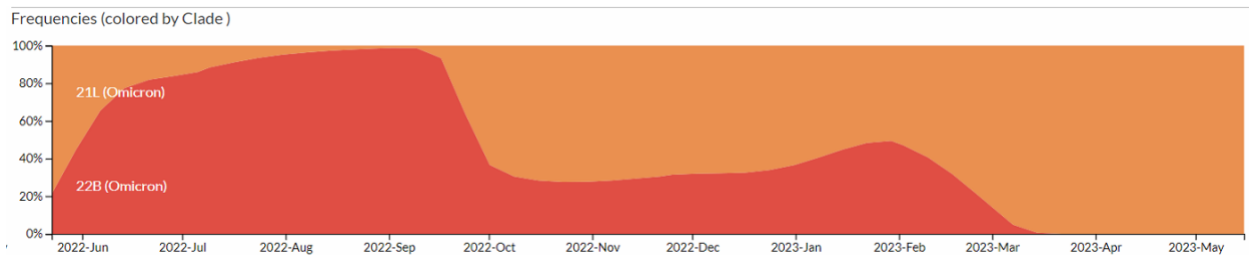


Whole genomic sequencing of the SARS-CoV-2 variants in Sri Lanka

19.05.2023

20 samples were sequenced in May—from the samples referred from private laboratories and samples collected for research.

XBB.1.9.2:	3/20
XBB.1.9.1:	2/20
XBB.1.16.1:	2/20
XBB.1.16:	10/20
CH.1.1.1:	2/20
BN.1.2:	1/20



Timeline of the emergence and displacement of different variants in Sri Lanka

Figure 1: Change in the SARS-CoV-2 variants in Sri Lanka over time. The graph shows changes in the different variants

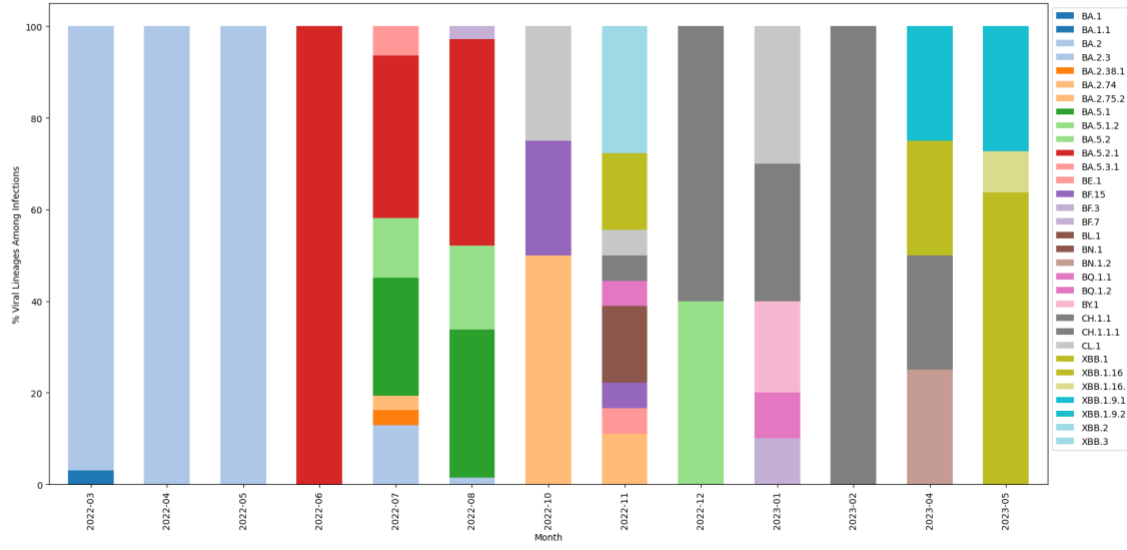


Figure 2: Change in the relative frequency of Omicron sub lineages

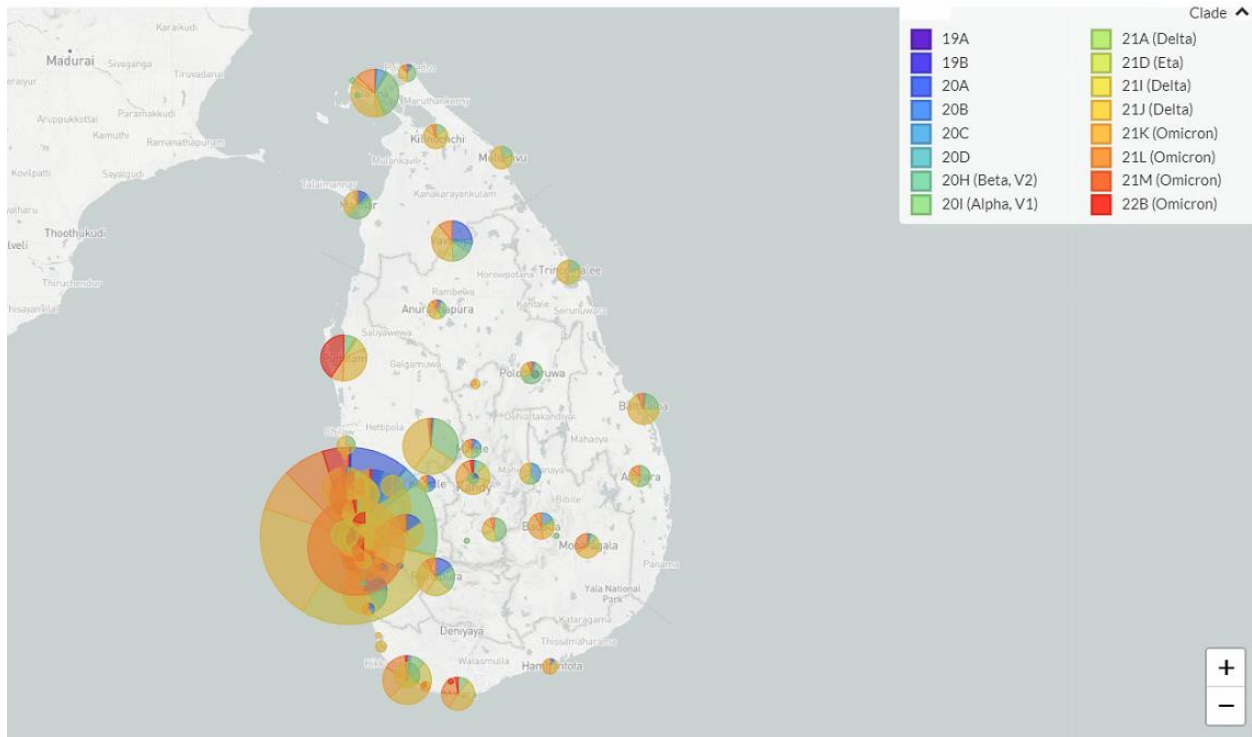


Figure 4: Sequencing of viruses carried out in Sri Lanka so far.

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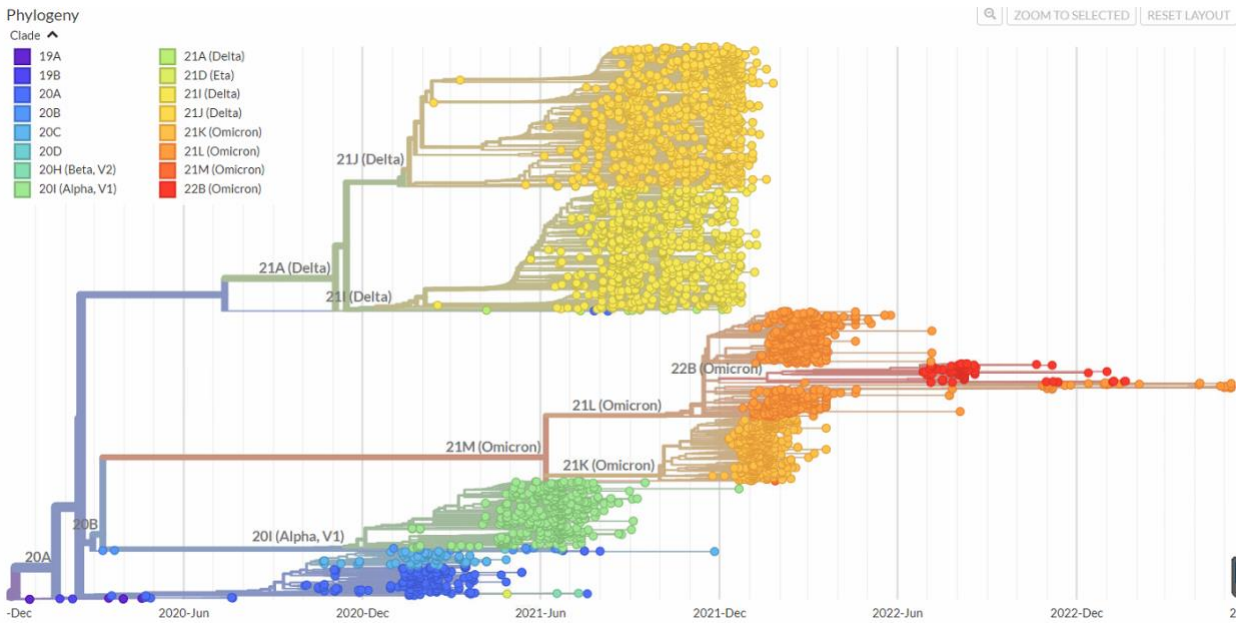


Figure 5: Phylogenetic tree of all SARS-CoV-2 sequences identified in Sri Lanka so far

The data is available to access via <https://nextstrain.org/community/aicbu/ncov/srilanka>.