

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

11.09.2021

150 samples were sequenced from the last week of August to the first week of September.

**B.1.617.2 (delta):** 148/150 identified in samples. Identified from Colombo, Galle, Matara, Hambantota, Ratnapura, Kandy, Gampaha, Jaffna, Polonnaruwa and Kurunegala districts.

**B.1.1.7 (alpha):** 2 identified from Kolonnwa and Colombo 14.

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

Frequencies (colored by Clade)

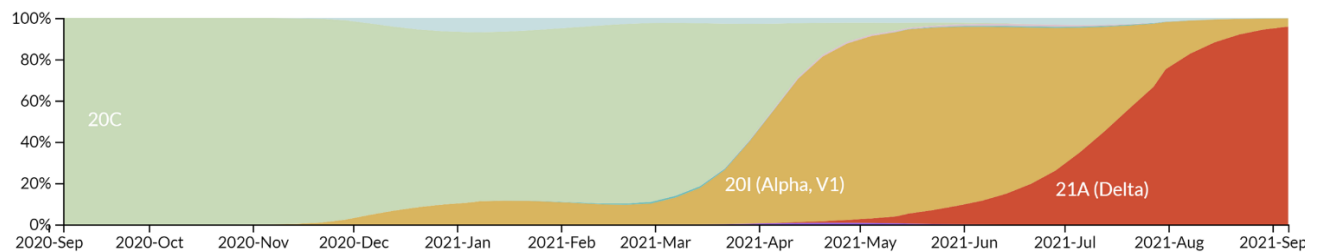


Figure 1: Change in the SARS-CoV-2 variants in Sri Lanka over time

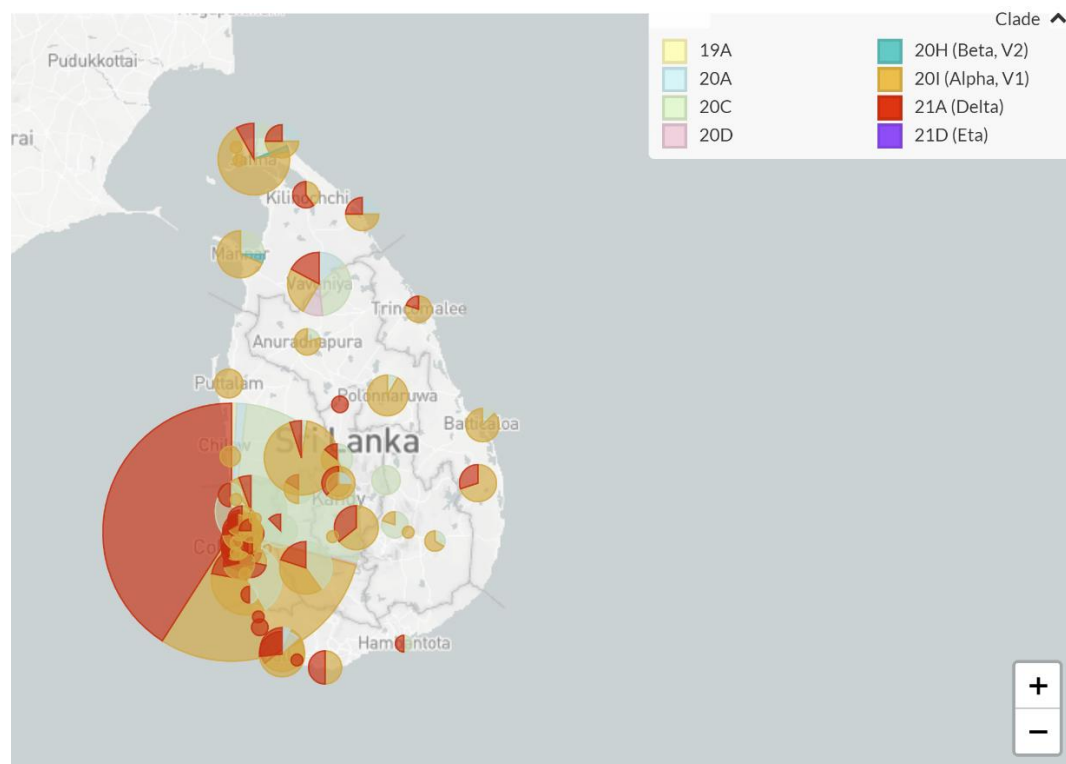
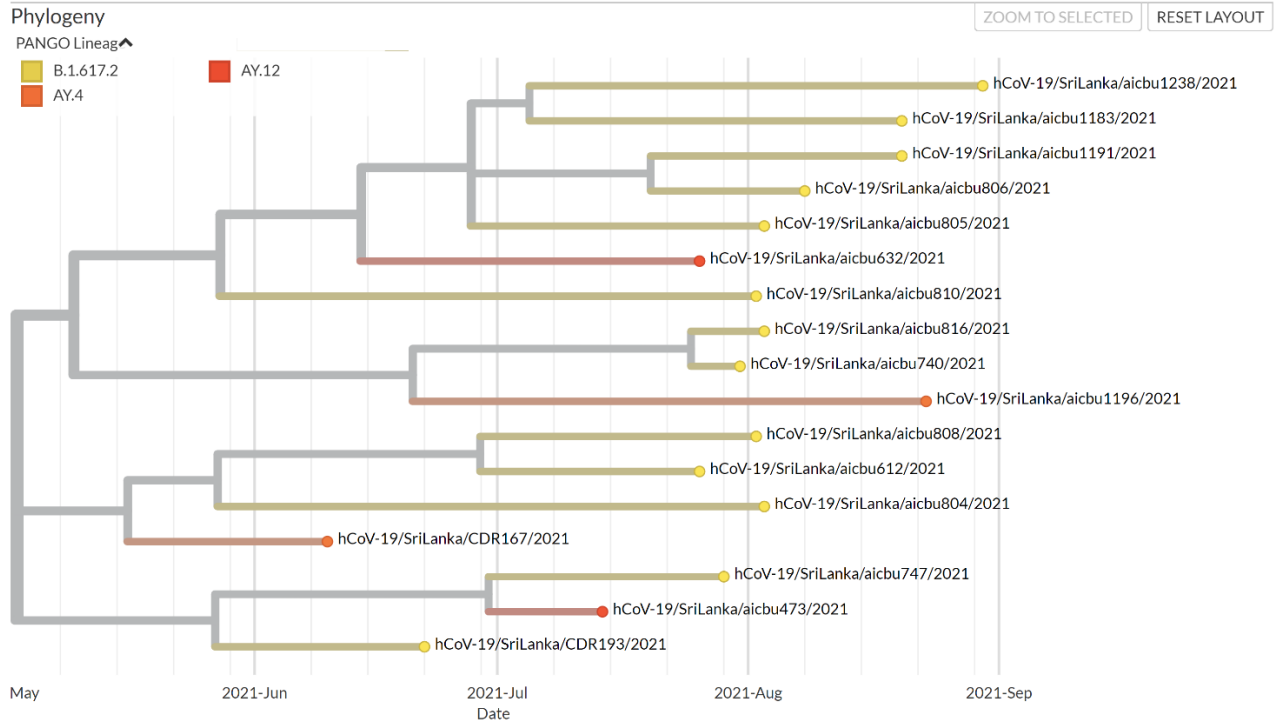


Figure 2: Sequencing of viruses carried out in Sri Lanka so far.

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## Sub lineages of delta identified during the first week of September (n=84)

- AY.10: 4/82 (first time identified)
- AY.12: 33/82 (first detected in Sri Lanka on 14/07/2021)
- AY.4: 2/82 (first detected in Sri Lanka on 10/06/2021)
- AY.7.1: 2/82 (first time identified)
- B.1.617.2: 41/82



**Figure: sub lineages of some of the delta variants sequenced**

**Note:** GISAID had recently updated the above Pangolin classifications for the sub lineages of delta. The above classification is based on Nextstrain, which has not updated their classification of Pangolin lineages.