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Supplementary Data

Clinically validated nasopharyngeal SARS-CoV-2 real time reverse transcription polymerase chain reaction (RT-PCR) test were performed in Fimlab laboratories (Tampere, Finland) with commercial RT-PCR kits by GenomEra[®], Abacus Diagnostica; Cobas 8800[®], Roche Diagnostics, and Allplex[™], Seegene and in Synlab laboratories (Helsinki, Finland) by TaqPath, Thermo Fisher Scientific. Sequencing was done by Fimlab laboratories using Clean-plex SARS-CoV-2 FLEX-panel by Paragon Genomics (1) and the Finnish Institute for Health and Welfare using ARTIC primers (2, 3). The B.1.617.2 variants were assigned with the Pangolin COVID-19 Lineage Assigner (<https://pangolin.cog-uk.io/>, (4)). The strains had B.1.617.2 lineage defining spike mutations T19R, L452R, T478K and P681R and, in addition, deletion F157-R158 and mutations T95I, E156G and D614G.

COVID-19 cases are notified to the National Infectious Diseases Register (NIDR) by both laboratories and physicians. The laboratory notification also includes sequencing data.

References

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3. Quick Josh, Loman Nick, ARTIC Consortium. hCoV-2019/nCoV-2019 Version 3 Amplicon Set. 2020 Mar 24,.
4. Rambaut A, Holmes EC, O'Toole Á, Hill V, McCrone JT, Ruis C, du Plessis L, Pybus OG. A dynamic nomenclature proposal for SARS-CoV-2 lineages to assist genomic epidemiology. *Nat Microbiol*. 2020 Nov;5(11):1403-1407. doi: 10.1038/s41564-020-0770-5. Epub 2020 Jul 15. PMID: 32669681; PMCID: PMC7610519.