**Supplementary material**

**Table S4.** Place and date of identification of SARS-CoV-2 variants in COVID-19 according to the European Centre for Disease Prevention and Control.

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| **Variants** | **Date of identification** | **First time localized** |
| α | September 2020 | United Kingdom |
| β | September 2020 | South Africa |
| Ε | September 2020 | United States |
| Δ | December 2020 | India |
| Η | December 2020 | Nigeria |
| γ | December 2020 | Brazil |
| Ι | December 2020 | United States |
| K | December 2020 | India |
| Λ | December 2020 | Peru |
| Θ | January 2021 | Philippines |
| M | January 2021 | Colombia |
| Ζ | January 2021 | Brazil |
| Ο | November 2021 | South Africa/Botswana |

α: Alpha, β: Beta, Ε: Epsilon, Δ: Delta, Η: Eta, γ: Gamma, Ι: Iota, K: Kappa, λ: Lambda, Ο: Omicron Θ: Theta, M: Mu, Ζ: Zeta, (–): Not informed.