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Supplementary appendix

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Supplement to: Chakraborty D, Agrawal A, Maiti S. Rapid identification and tracking of SARS-CoV-2 variants of concern. *Lancet* 2021; published online March 22. http://dx.doi.org/10.1016/S0140-6736(21)00470-0.

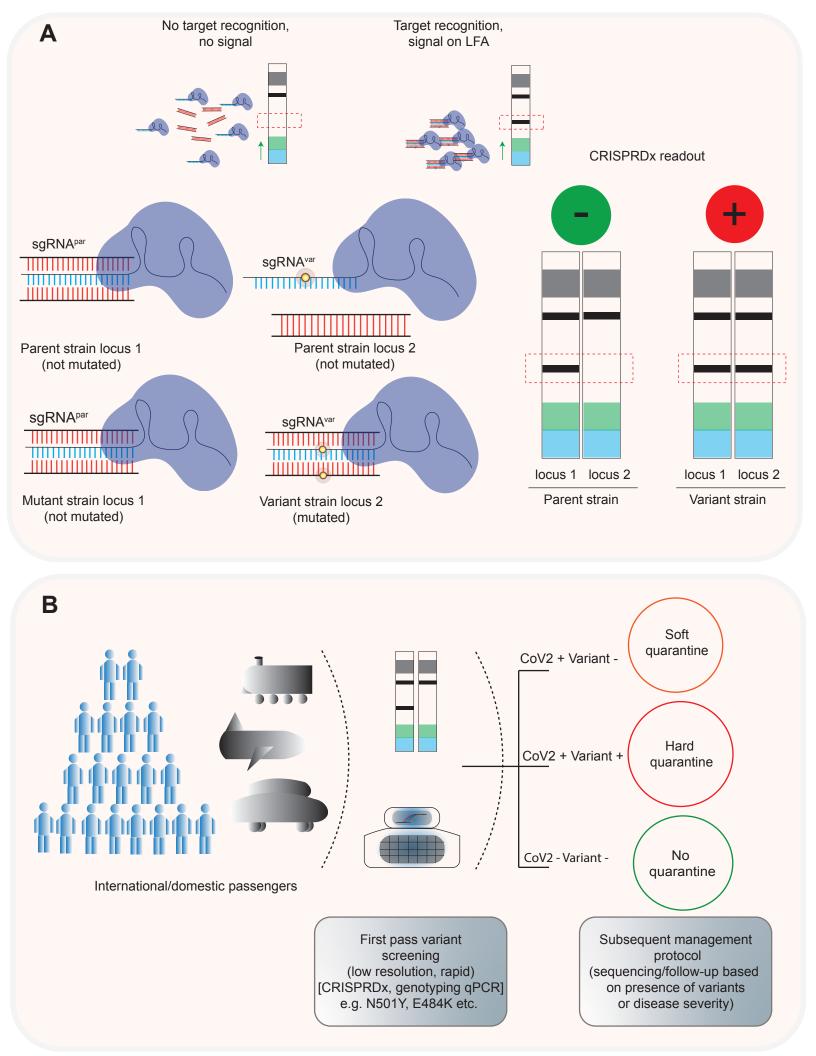


Figure legend

Schematic for early detection of CoV2 variants of concern. (A) A lateral flow assay using CRISPRDx for the identification of a prominent signature in a variant is shown. A highly specific Cas protein can distinguish between the parent and variant strains and can be coupled to a paper strip based readout⁵. (B) Early detection of variants at entry points for domestic and international passengers can be used for streamlined courses of action. Based on presence of signature mutations, appropriate quarantine measures can be adopted as shown.