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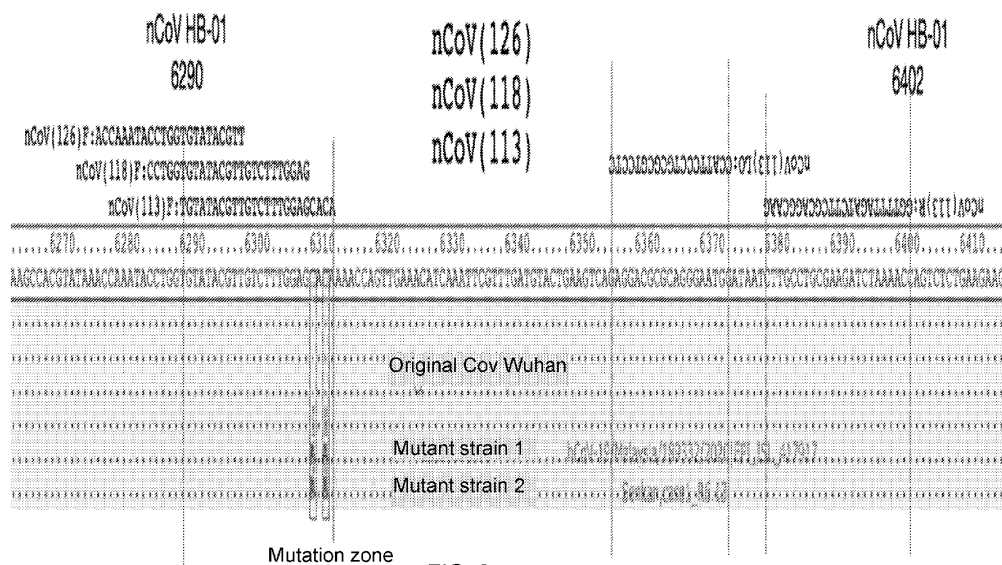


FIG. 3

(57) **Abstract:** A PCR primer set, kit, and a method of detecting the presence of a coronavirus in a sample, in particular a COVID-19 virus. The PCR primer set comprises a forward primer selected from the group consisting of SEQ ID No. 1, SEQ ID No. 9, SEQ ID No. 10, and SEQ ID No. 11, and a reverse primer of SEQ ID No. 2 when one of SEQ ID No. 1, SEQ ID No. 9, or SEQ ID No. 10 is selected as the forward primer or SEQ ID No. 12 when SEQ ID No. 11 is selected as the forward primer. The kit contains the PCR primer set and additional components to be deployed in the field as a detection kit. The method uses the PCR primer set to detect the presence of a coronavirus in a sample.

[Continued on next page]

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