

Title (en)

COMPOSITION, KIT, METHOD, AND USE THEREOF FOR DETECTING SARS-COV-2 MUTATION SITES

Title (de)

ZUSAMMENSETZUNG, KIT, VERFAHREN UND VERWENDUNG DAVON ZUM NACHWEIS VON SARS-COV-2-MUTATIONSSTELLEN

Title (fr)

COMPOSITION, KIT, PROCÉDÉ ET UTILISATION DE CEUX-CI POUR DÉTECTER DES SITES DE MUTATION DU SARS-COV-2

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Application

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Abstract (en)

[origin: WO2022247833A2] The present invention relates to the field of molecular biology detection, specifically to detection of SARS-CoV-2, and more specifically to detection of major mutation sites of SARS-CoV-2 variants. Further provided are a kit comprising a composition, a use of the composition, and a method for detecting and genotyping of SARS-CoV-2 variants. By using the composition in the present invention, major mutations of the novel coronavirus variants can be identified, and preliminary screening and confirmation of variant types are performed by site-combination detection, so that different mutation sites can be treated differently, thereby leading to more effective treatment and prevention. The composition of the present invention, in combination with a fluorescent probe method, can be used to detect multiple targets simultaneously, with advantages of a low cost, a high throughput, a simple operation and a short usage time.

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