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(54) Title: DNA ENCODED NANOPARTICLES AND METHOD OF USE THEREOF AS A CORONAVIRUS DISEASE 2019 (COVID-19) VACCINE

(57) Abstract: Disclosed herein are nanoparticles comprising one or more SARS coronavirus 2 (SARS-CoV-2) Spike receptor binding domain (RBD) antigen and nucleic acid molecules encoding the same. Also disclosed herein is a method of treating a SARS-COV-2 infection or treating or preventing a disease or disorder associated therewith in a subject in need thereof, by administering the nanoparticles, or encoding nucleic acid molecules, to the subject.

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