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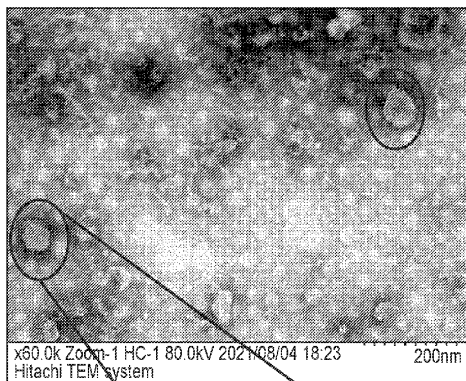


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(54) **Title:** VACCINE COMPOSITIONS AND METHODS OF USE THEREOF

Negative stain electron microscopy - CoVEG10



Negative stain electron microscopy - CoVEG20

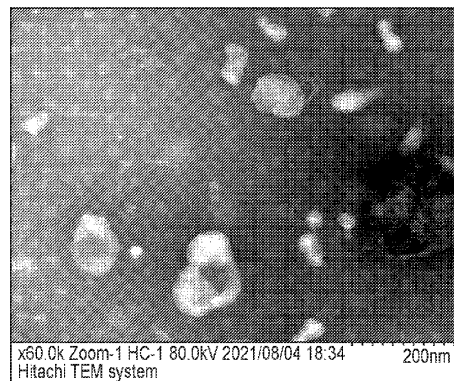


FIG. 16

(57) **Abstract:** The present disclosure provides compositions and methods for use in vaccines, comprising polynucleotides encoding one or more viral antigen proteins and an enhancer protein, wherein the enhancer protein is a picornavirus leader (L) or a functional variant thereof. The compositions and methods provided herein may improve the production of functional viral-like particles (VLP).

[Continued on next page]

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