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(54) Title: OUTER MEMBRANE VESICLE VACCINES FOR THE PREVENTION OF N. GONORRHOEAE AND METHODS OF MAKING AND USING THEREOF

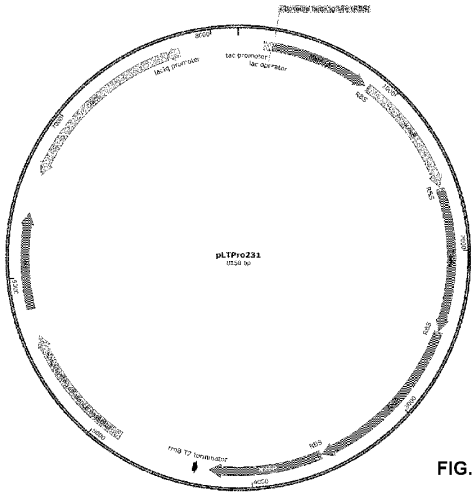

FIG. 1A

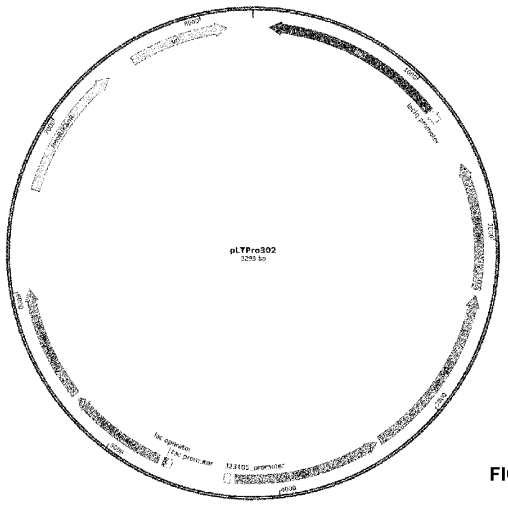

FIG. 1B

(57) Abstract: The present disclosure provides novel outer membrane vesicles (OMVs) comprising selective bacterial antigens (e.g., glycan antigens and/or protein antigens), use of such OMVs as vaccines (e.g., vaccines against N. gonorrhoeae) to protect against infectious diseases, and methods of making the same. The present disclosure also provides genetically engineered Escherichia coli for producing the OMVs and methods of making the same.

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