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[Continued on next page]

(54) Title: GENETICALLY MODIFIED ATTENUATED VESICULAR STOMATITIS VIRUS, COMPOSITIONS AND METHODS OF USE THEREOF

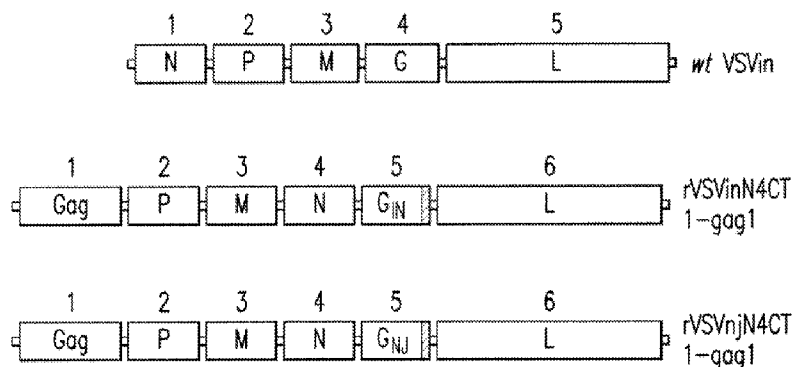


FIG. 1

(57) Abstract: The present invention relates to methods for generating genetically modified and attenuated strains of vesicular stomatitis virus (VSV) for use in the preparation of immunogenic compositions. More particularly, the invention relates to the identification of particular genetic modifications of attenuated VSV that result in an increased yield of virus and an increase in stability of the attenuated strains for preparation of the immunogenic compositions. Methods for cell culture propagation and use in large scale production of VSV is also disclosed.



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