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(54) Title: METHODS OF PREVENTING OR TREATING AN RNA VIRAL INFECTION IN A SUBJECT

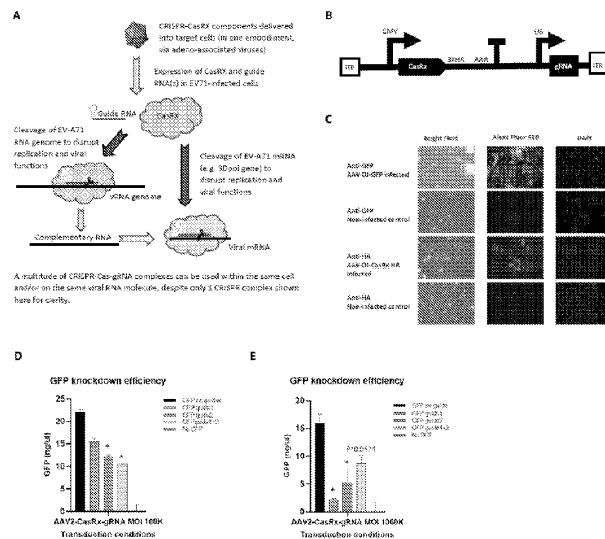


Figure 1

(57) Abstract: The present invention relates generally to the field of molecular biology. In particular, the specification teaches methods of preventing or treating an RNA viral infection in a subject, comprising administering at a dose of 5×10^{11} to 5×10^{13} vgs/kg of a recombinant adeno-associated virus (AAV) to the subject, wherein the AAV comprises at least one heterologous nucleic acid sequence encoding a Cas 3 nuclease and one or more guide RNAs. In one embodiment, the RNA virus infection is an infection by Enterovirus 71.

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