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(54) Title: RETROVIRAL VECTORS

(57) Abstract: The present invention relates to retroviral vectors, particularly lentiviral vectors, comprising a modified retroviral RNA sequence that is codon-substituted and comprises a reduced number of retroviral open-reading frames, and wherein the retroviral vector is pseudotyped with hemagglutinin-neuraminidase (HN) and fusion (F) proteins from a respiratory paramyxovirus, methods of making the same and uses thereof.

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