

ABSTRACT**RETROVIRAL PARTICLE COMPRISING AT LEAST TWO ENCAPSIDATED NON-VIRAL RNAS**

The present invention relates to a retroviral system for the transfer of non-viral RNA into target cells and more particularly a retroviral particle capable of delivering multiple RNAs. More particularly, it relates to retroviral particles comprising a protein derived from the Gag polyprotein, an envelope protein, optionally an integrase and at least two encapsidated non-viral RNAs, the encapsidated non-viral RNAs each comprising an RNA sequence of interest linked to an encapsidation sequence, each encapsidation sequence being recognised by a binding domain introduced into the protein derived from the Gag polyprotein and/or into the integrase.

(No Suitable Figure)