

ABSTRACT

VIRAL PARTICLE FOR RNA TRANSFER, ESPECIALLY INTO CELLS
INVOLVED IN IMMUNE RESPONSE

The present invention relates to retroviral particle comprising a protein derived from the
5 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 bound to an encapsidation sequence, each encapsidation
sequence being recognized by a binding domain introduced into the protein derived from
the Gag polyprotein and/or into the integrase, and at least one of said sequences of
10 interest of the encapsidated non-viral RNAs comprises a part coding at least one epitope
and/or at least one molecular structure specifically recognizing an epitope.

(No Suitable Figure)