

Title (en)
FLAVIVIRUS EXPRESSION AND DELIVERY SYSTEM

Title (de)
FLAVIVIRUS EXPRESSIONS- UND VERABREICHUNGSSYSTEM

Title (fr)
SYSTEME D'EXPRESSION ET DE DIFFUSION PROPRE AU FLAVIVIRUS

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Application
EP 98959672 A 19981130

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Abstract (en)
[origin: WO9928487A1] The present invention provides a gene expression system comprising: a) a self-replicating expression vector of flavivirus origin which includes the flavivirus 5' untranslated region (UTR), at least a portion of the 5' coding region for flavivirus core protein, the nucleotide sequence coding for the flavivirus non-structural proteins, and the complete or most of the 3'-terminal sequence of the flavivirus 3'UTR, required for self-replication of flavivirus genomic material, which vector is adapted to receive at least a nucleotide sequence without disrupting its replication capabilities; and b) at least a second vector that is capable of expressing flavivirus structural protein(s) and any other proteins required for packaging of the self-replicating expression vector into flavivirus viral particles which vector is engineered to prevent recombination with the self-replicating vector when in its presence.

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Citation (search report)
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• See references of WO 9928487A1

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