

Title (en)

RETROVIRAL VECTORS COMPRISING FUNCTIONAL AND NON-FUNCTIONAL SPLICE DONOR AND SPLICE ACCEPTOR SITES

Title (de)

RETROVIRALE VEKTOREN, DIE FUNKTIONELLE UND NICHT-FUNKTIONELLE SPLICE-DONOR- UND SPLICE-AKZEPTOR-STELLEN ENTHALTEN

Title (fr)

VECTEURS RETROVIRAUX COMPORTANT DES SITES DONNEURS ET ACCEPTEURS D'EPISSURE, FONCTIONNELS ET NON FONCTIONNELS

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Application

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Abstract (en)

[origin: WO0056910A1] A retroviral vector comprises a functional splice donor site (FSDS) and a functional splice acceptor (FSAS) site; wherein the FSDS and the FSAS flank a first nucleotide sequence of interest (NOI); wherein the FSDS is upstream of the FSAS; wherein the retroviral vector is derived from a retroviral pro-vector; wherein the retroviral pro-vector comprises a first nucleotide sequence (NS) capable of yielding the functional splice donor site (FSDS); a second NS capable of yielding the functional splice acceptor site (FSAS); a third NS capable of yielding a non-functional splice donor site (NFSDS); a fourth NS capable of yielding a non-functional splice site (NFSS); wherein the first NS is downstream of the second NS and wherein the third NS and fourth NS are upstream of the second NS; such that after reverse transcription of the retroviral pro-vector at a desired target site the retroviral vector is capable of being spliced.

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