

Title (en)

RETROVIRAL EXPRESSION VECTORS ON THE BASIS OF HERV- LONG TERMINAL REPEAT SEQUENCES

Title (de)

RETROVIRALE EXPRESSIONSVEKTOREN AUF DER BASIS VON HERV-LTR-SEQUENZEN

Title (fr)

VECTEURS D'EXPRESSION RETROVIRAUX A BASE DE SEQUENCES HERV-LTR (=SEQUENCES NUCLEOTIDIQUES D'ADN A LONGUE REPETITION TERMINALE)

Publication

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Application

EP 00918779 A 20000309

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Abstract (en)

[origin: DE19910650A1] The invention relates to retroviral expression vectors with cell-specifically modulatable promoters. The vectors can be used, for example, for the cell-specific expression of therapeutically valuable genes in gene therapy. The invention specifically relates to retroviral expression vectors containing at least the following elements, in a functional configuration: a) DNA sequences for the packaging of the vector RNA and for the cell-specific expression of proteins or peptides which are coded by heterologous DNA nucleotide sequences; b) one or more DNA nucleotide sequences coding for a protein or a peptide and characterized in that for cell-specific expression said DNA sequences contain a cell-specifically modulatable promoter region of a human endogenous retroviral DNA nucleotide sequence (HERV).

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