

Title (en)
HIV VIRUS MIMOTOPES

Title (de)
MIMOTOPE DES HIV VIRUS

Title (fr)
MIMOTOPES DU VIRUS HIV

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Abstract (en)
[origin: WO9966046A1] The invention concerns a peptide for therapeutic or prophylactic treatment of HIV infection, capable of reacting with an antibody specific of the HIV virus envelope and derived from a HIV positive patient belonging to the long term non-progressor group, comprising an amino acid sequence mimicking an antigen conformational epitope of said virus envelope without however corresponding to a continuous sequence of said antigen and capable of containing optionally one of the 11 amino acid sequences as specified in the description. The invention also concerns a peptide conjugate obtained by combining the peptide with a carrier molecule for reinforcing said peptide immunogenicity. The invention further concerns a recombinant vector comprising a functional expression cassette for expressing a polynucleotide coding for said peptide. The invention likewise concerns a therapeutic or prophylactic composition for HIV infection, in particular for vaccinal use, whereof the principle comprises said peptide, or as the case may be said peptide conjugate and/or a recombinant vector coding for said peptide. Finally the invention concerns the use of said peptide as reagent for diagnosing HIV infection and/or the proneness of subjects in contact with the virus for rapidly developing AIDS.

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