

Title (en)

MUTATED HEPATITIS B VIRUS, ITS NUCLEIC AND PROTEIN CONSTITUENTS AND USES THEREOF

Title (de)

MUTIERTES HEPATITIS B VIRUS, DESSEN NUKLEINSÄURE UND PROTEINE UND DEREN ANWENDUNGEN

Title (fr)

VIRUS MUTE DE L'HEPATITE B, SES CONSTITUANTS NUCLEIQUES ET PROTEIQUES ET LEURS APPLICATIONS

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Application

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Abstract (en)

[origin: WO0149828A1] The invention concerns an isolated mHBV having the following characteristics: (i) a genome with partly double-strand circular DNA, (ii) said genome including the Pre-S, S, C, P and X genes, (iii) the Pre-S genes coding for surface antigens, the S gene coding for a HBsAg envelope protein, the C gene coding for a HBeAg protein and aHBcAg protein, the P gene coding for a DNA reverse polymerase/transcriptase enzyme and the X gene coding for a HBxAg protein. The invention is characterised in that the gene S comprises a DNA nucleotide sequence referenced SEQ ID NO 1 and the Pre-S gene comprises a nucleotide sequence referenced SED ID NO 3. The invention also concerns DNA molecule, RNA molecule, modified surface proteins and their uses in particular for diagnostic, therapeutic and vaccine purposes.

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