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(54) Title: FACTOR IX ENCODING NUCLEOTIDES

(57) Abstract: The present invention relates to polynucleotides comprising a Factor IX nucleotide sequence, wherein the Factor IX nucleotide sequence comprises a coding sequence that encodes a Factor IX protein or fragment thereof and wherein a portion of the coding sequence is not wild type. The present invention further relates to viral particles comprising a recombinant genome comprising the polynucleotide of the invention, compositions comprising the polynucleotides or viral particles, and methods and uses of the polynucleotides, viral particles or compositions.

WO 2020/039183 A1