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(54) Title: CODON-OPTIMIZED NUCLEIC ACID ENCODING THE FVIII-BDD

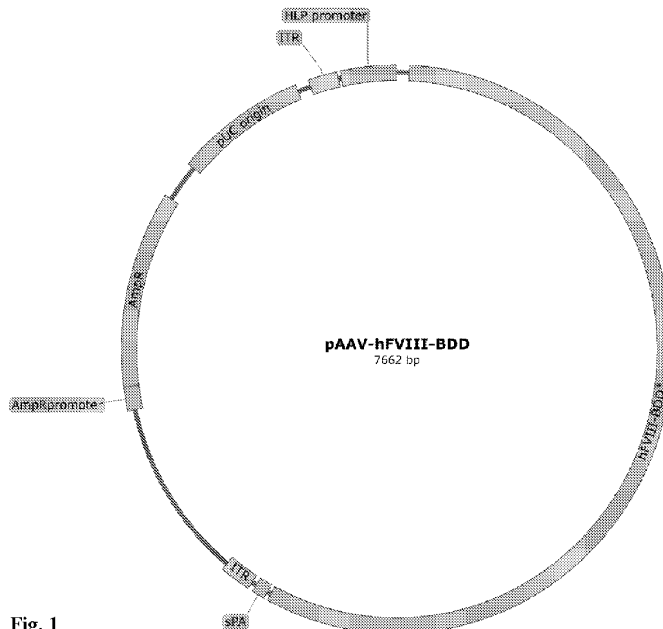


Fig. 1

(57) Abstract: The present application relates to the fields of genetics, gene therapy, and molecular biology. More specifically, the present invention relates to a codon-optimized nucleic acid that encodes the FVIII-BDD (B-domain deleted coagulation factor VIII) protein, to an expression cassette and a vector based thereon, to a host cell for producing FVIII-BDD, as well as to various uses of the above vector.

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