ABSTRACT

ARTIFICIAL NUCLEIC ACID MOLECULES COMPRISING A 5'TOP UTR

The invention relates to an artificial nucleic acid molecule comprising at least one 5'UTR element which is derived from a TOP gene, at least one open reading frame and optionally at least one 3'UTR element comprising a nucleic acid sequence which is preferably derived from the 3'UTR of a gene providing a stable mRNA, such as an albumin gene, or from a variant of the 3'UTR of a gene providing a stable mRNA. The invention further relates to the use of such an artificial nucleic acid molecule in gene therapy and/or genetic vaccination.

[No suitable figure]