ABSTRACT

ARTIFICIAL NUCLEIC ACID MOLECULES

The invention relates to an artificial nucleic acid molecule comprising at least one open reading frame and at least one 3'UTR element comprising a nucleic acid sequence which is derived from the 3'UTR of an albumin gene or from a variant of the 3'UTR of an albumin gene. The invention further relates to the use of such an artificial nucleic acid molecule in gene therapy and/or genetic vaccination. Furthermore, the invention relates to the use of a 3'UTR element comprising a nucleic acid sequence which is derived from the 3'UTR of an albumin gene or from a variant of the 3'UTR of an albumin gene for the stabilization and/or prolongation of protein expression from a nucleic acid sequence comprising such 3'UTR element.

[Figure 1]