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(54) Title: MITOCHONDRIAL DELIVERY OF RECOMBINANT NUCLEIC ACIDS

(57) Abstract: The present disclosure describes a nucleic acid delivery construct comprising at least one sense or antisense RNA subdomain of the human cytomegalovirus β2.7 RNA, wherein each subdomain is capable of localization within the mitochondria, for transport into mitochondria. Disclosed herein are also methods of enhancing mitochondrial gene function, or suppressing defective mitochondrial gene function, or both, as well as methods of treating a mitochondrial disorder.

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