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(54) Title: MODIFIED MINI-NUCLEOSOME CORE PROTEINS AND USE IN NUCLEIC ACID DELIVERY

(57) Abstract: The present disclosure provides compositions and methods relating to modified mini-nucleosome core proteins and/or delivery of nucleic acids. In particular, the present disclosure includes, among other things, non-viral proteinaceous vehicles for delivery of nucleic acids. In various embodiments, non-viral proteinaceous vehicles provided herein include (a) a nucleic acid binding domain; (b) a targeting domain; (c) a nucleic acid release domain; and, optionally, (d) further domains including, e.g., one or more of a stability domain, an oligomerization domain, and/or a linker domain. In various embodiments, the proteinaceous vehicles include one or more modified residues.

WO 2021/211467 A1