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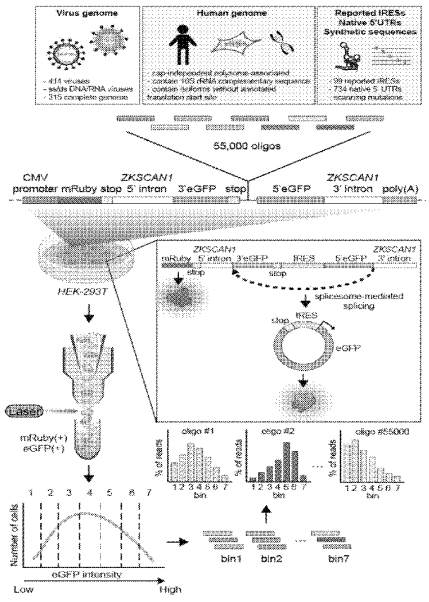
(54) Title: GENETIC ELEMENTS DRIVING CIRCULAR RNA TRANSLATION AND METHODS OF USE

FIGURE 1A



(57) Abstract: Provided herein are recombinant circular RNA (circRNA) molecules comprising an internal ribosome entry site (IRES) operably linked to a protein-coding nucleic acid sequence. The IRES includes at least one RNA secondary structure element; and a sequence region that is complementary to an 18S ribosomal RNA (rRNA). Methods of producing a protein in a cell using the recombinant circRNA molecules are also provided.

[Continued on next page]

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