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(54) Title: CLASS 2 TYPE V CRISPR-CAS PRIME EDITING

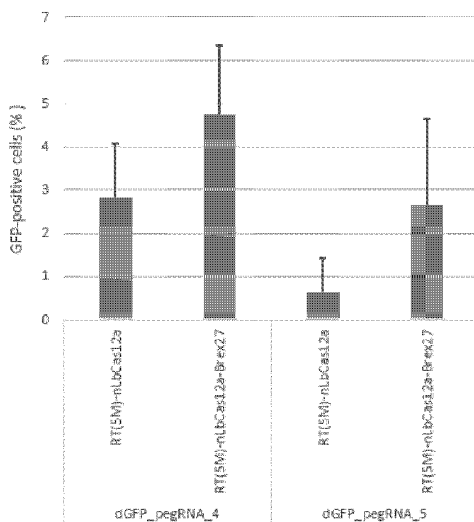


Fig. 4

(57) Abstract: The present invention relates to the field of gene genome editing. In particular, it relates to the provision of a CRISPR-Cas class 2 type V prime editing system, including a prime editor, a prime editor complex, a prime editing guide RNA system as well as the means and methods for the modification of a nucleic acid sequence of interest with the prime editing system of the present invention.

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