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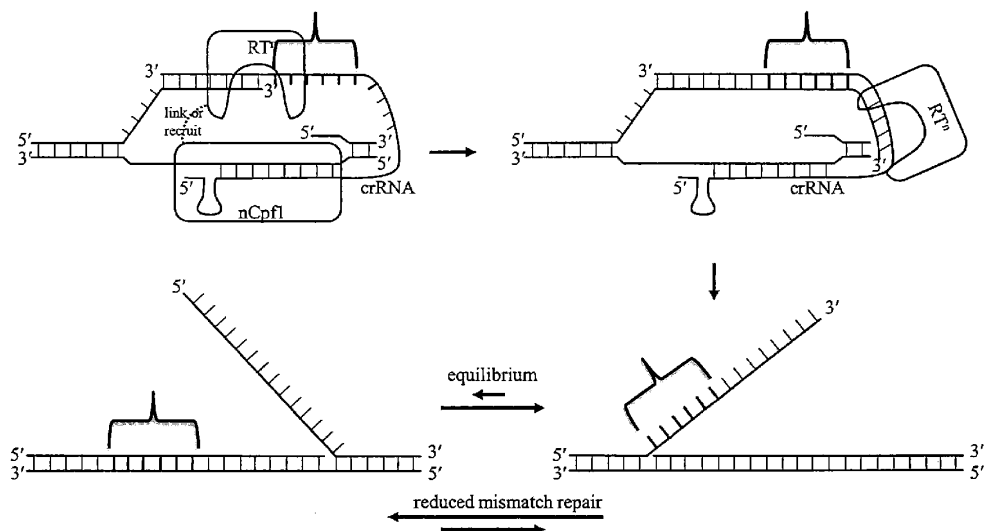


FIG. 1

(57) Abstract: This invention relates to recombinant nucleic constructs comprising CRISPR-Cas effector proteins, reverse transcriptases and extended guide nucleic acids and methods of use thereof for modifying nucleic acids in plants.

[Continued on next page]

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