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(54) **Title:** IMPROVED PRIME EDITING SYSTEM EFFICIENCY WITH CIS-ACTING REGULATORY ELEMENTS

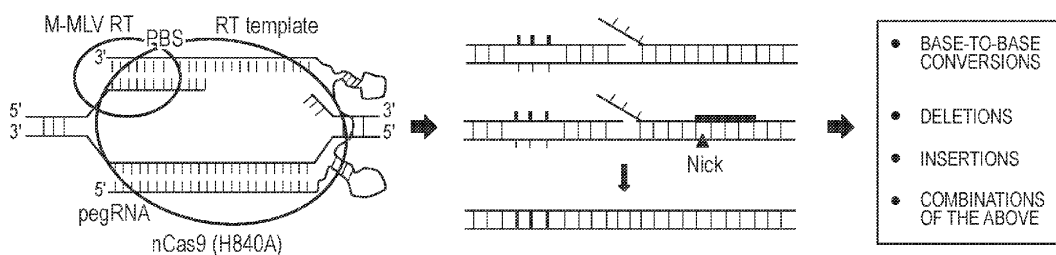


FIG. 1  
(PRIOR ART)

- (57) **Abstract:** The present invention is a synthetic nucleic acid composition comprising: i) a sequence encoding a CRISPR-Cas protein, ii) a sequence encoding a reverse transcriptase, and iii) a sequence encoding a cis-acting regulatory element, and methods of use thereof.



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