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(71) Applicant: **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 FRANKLIN STREET, 12TH FLOOR, OAKLAND, California 94607 (US).

(72) Inventors: **EYQUEM, Justin**; c/o: The Regents of the University of California, 1111 Franklin Street, Twelfth Floor, OAKLAND, California 94607-5200 (US). **NYBERG, William**; c/o: The Regents of the University of California, 1111 Franklin Street, Twelfth Floor, OAKLAND, California 94607-5200 (US).

(74) Agent: **TENG, Poh Kheng** et al.; KILPATRICK TOWNSEND AND STOCKTON LLP, MAIL STOP: IP DOCKETING - 22, 1100 PEACHTREE STREET NE, SUITE 2800, ATLANTA, Georgia 30309-4528 (US).

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(54) Title: IN VIVO MODIFICATION OF CELL GENOMES

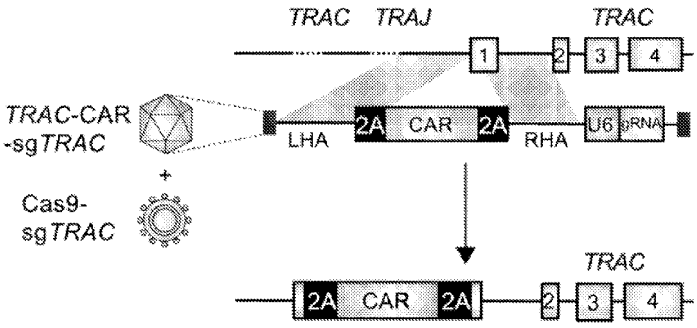


Figure 1A

(57) Abstract: Disclosed herein are methods and compositions for the in vivo modification of cell genomes involving delivery of different components of gene editing components from different vectors. The methods and compositions target a heterologous polynucleotide to a target cell-specific locus for insertion into the genome, and for expression of a heterologous polypeptide in place of a native gene. The methods and compositions may be used in the treatment of disease.

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