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(54) Title: METHOD FOR INCREASING THE EFFICIENCY OF DOUBLE-STRAND BREAK-INDUCED MUTAGENESIS

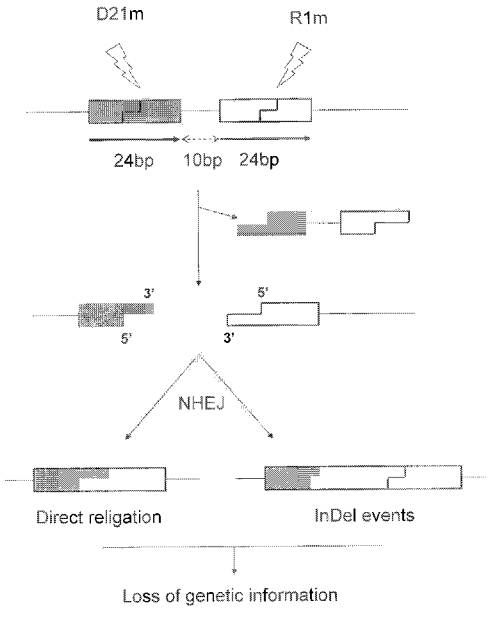


Figure 1

(57) Abstract: The present invention relates to a method for increasing double-strand break-induced mutagenesis at a genomic locus of interest in a cell, thereby giving new tools for genome engineering, including therapeutic applications and cell line engineering. More specifically, the present invention concerns a method for increasing double-strand break-induced mutagenesis at a genomic locus of interest, leading to a loss of genetic information and preventing any scarless re-ligation of said genomic locus of interest by NHEJ. The present invention also relates to engineered endonucleases, chimeric or not, vectors, compositions and kits used to implement this method.

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