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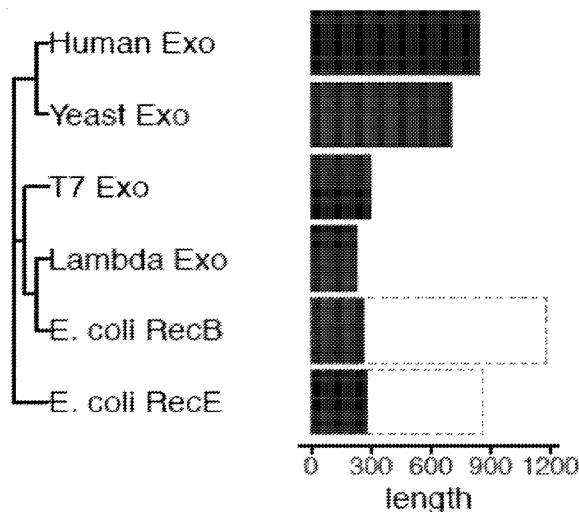


FIG. 1A

(57) Abstract: The present disclosure provides recombineering-editing systems using CRISPR and recombination enzymes as well as methods, vectors, nucleic acid compositions, and kits thereof. The methods and systems provide means for altering target DNA, including genomic DNA in a host cell.

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