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(54) **Title:** METHOD FOR TARGETED GENOMIC EVENTS IN ALGAE

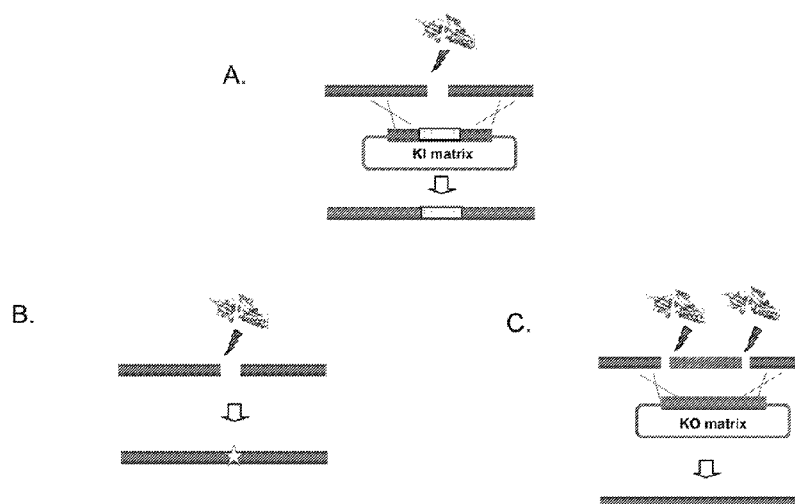


Figure 1

(57) **Abstract:** The invention relates to endonucleases cleaving DNA target sequences from algae genomes, to appropriate vectors encoding such endonucleases, to cells or to algae modified by such vectors and to the use of these endonucleases and products derived therefrom for targeted genomic engineering in algae.