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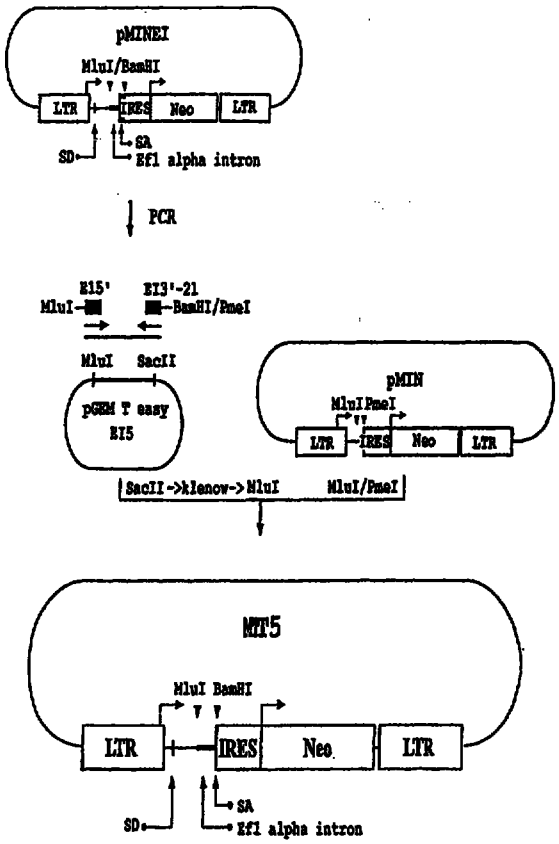
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(54) Title: HIGH EFFICIENCY RETROVIRAL VECTOR WHICH CONTAINS GENETICALLY ENGINEERED CELLULAR NON-CODING SEQUENCE HARBORING SPLICING ACCEPTOR



(57) Abstract: The present invention provides a safe and highly efficient retroviral vector derived from the MLV (murine leukemia virus) for use in gene therapy, which lacks viral coding sequences but contains the genetically engineered EF 1 alpha non-coding sequence harboring splice acceptor.

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