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(54) Title: NOVEL METHOD TO MODULATE EXPRESSION OF AN ENDOGENOUS GENE IN A SOMATIC CELL

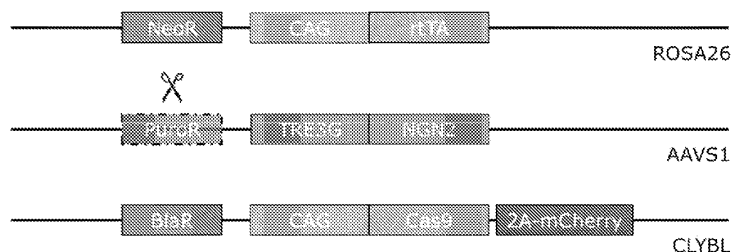


FIG. 1

(57) Abstract: The invention relates to a method of modulating the expression of an endogenous gene in a somatic cell derived from an induced pluripotent stem cell (iPSC), comprising differentiating an engineered iPSC capable of stable or inducible expression of a CRISPR-related protein into a somatic cell prior to introduction of a guide RNA (gRNA) sequence. The invention also relates to the engineered iPSC, cells obtained by the method and uses thereof.



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