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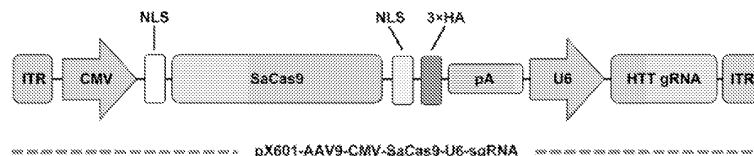


Fig. 1

(57) Abstract: The present disclosure relates to an sgRNA and its application in the preparation of a product for the treatment of Huntington's disease. The present disclosure was designed and screened to obtain an sgRNA targeting exon 1 of the human HTT gene as shown in SEQ ID NO: 1 or SEQ ID NO: 2. The CRISPR/Cas9 system mediated HTT gene knockout strategy based on this sgRNA and its high homologue sgRNA can efficiently knock out the human Huntingtin gene and achieve gene therapy for Huntington's disease.