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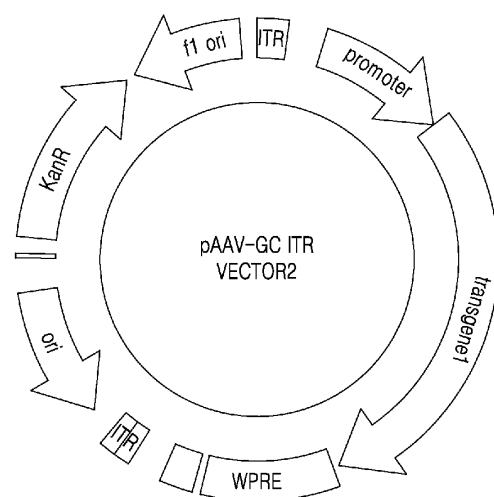
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(54) **Title:** NUCLEIC ACID MOLECULE COMPRISING ASYMMETRICALLY MODIFIED ITR FOR IMPROVING EXPRESSION RATE OF INSERTED GENE, AND USE THEREOF



(57) **Abstract:** Described herein is a nucleic acid molecule including an asymmetrically modified inverted terminal repeat (ITR). An AAV vector including the nucleic acid molecule has advantages of increased productivity and expression efficiency of a transgene, and decreased genotoxicity, by having an asymmetric ITR in which any one of two ITRs is modified. Also, described herein are compositions and vectors.

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