

ABSTRACT

The present application provides a Pif1-like helicase and the use thereof, specifically a modified Pif1-like helicase, a construct comprising the Pif1-like helicase, and its use in characterising a target polynucleotide or controlling the movement of a target polynucleotide through a pore. The present application also provides a method for characterising the target polynucleotide or controlling the movement of the target polynucleotide through the pore. The Pif1-like helicase of the present application can effectively control the movement of the polynucleotide through the pore.

Fig. 2