NUCLEIC ACID FRAGMENT BINDING TO TARGET PROTEIN

Abstract

The purpose of the present invention is to develop and provide a method for efficiently producing a nucleic acid aptamer, in particular a DNA aptamer, having a higher specificity and a higher binding ability to a target than nucleic acid aptamers obtained by the conventional methods. Provided is a transcribable or replicable nucleic acid aptamer which comprises a natural nucleotide and a non-natural nucleotide having an artificial base that is capable of pairing with an artificial base. Also provided is a method for determining the base sequence of a non-natural nucleotide-containing single-stranded nucleic acid molecule that is selected from a single-stranded nucleic acid library.

No Suitable Figure