Abstract

METHOD FOR CONVERTING NUCLEIC ACID SEQUENCE OF CELL SPECIFICALLY CONVERTING NUCLEIC ACID BASE OF TARGETED DNA USING CELL ENDOGENOUS DNA MODIFYING ENZYME, AND MOLECULAR COMPLEX USED THEREIN

Provided is a method for altering a targeted site of a DNA in a cell, including a step of stimulating the cell with a factor inducing a DNA modifying enzyme endogenous to the cell, and bringing a complex of a nucleic acid sequence-recognizing module specifically binding to a target nucleotide sequence in a given DNA and a DNA modifying enzyme-binding module bonded to each other into contact with the DNA to convert one or more nucleotides in the targeted site to other one or more nucleotides or delete one or more nucleotides, or insert one or more nucleotides into the targeted site.

[No suitable figure]