

CAS12 PROTEIN AND USE THEREOF**ABSTRACT**

The present application relates to a Cas12 protein, a guide polynucleotide, a Cas12 inactivated variant, a conjugate or fusion protein comprising the Cas12
5 protein, an isolated nucleic acid, a CRISPR-Cas12 systems, a vector system, a delivery system, a cell, a pharmaceutical composition, and a kit, as well as the use thereof.

No Figure.