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(54) Title: COMPOSITIONS COMPRISING A CAS12I2 VARIANT POLYPEPTIDE AND USES THEREOF

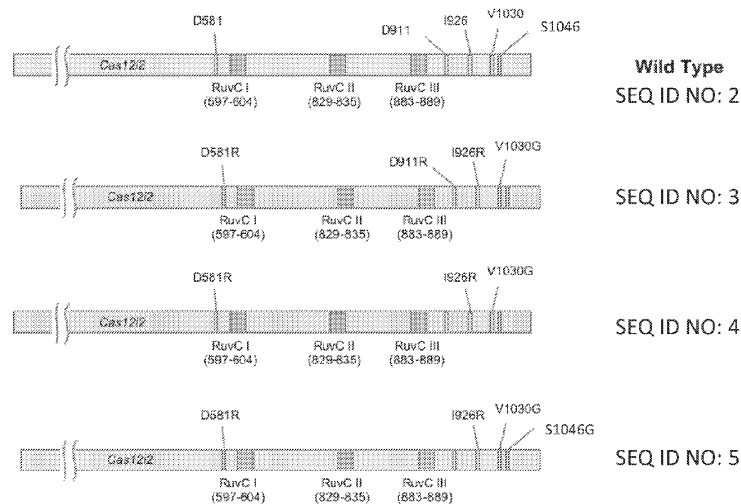


FIG. 1

(57) Abstract: The present invention relates to variant Cas12i2 polypeptides, methods of producing the variant Cas12i2 polypeptides, processes for characterizing the variant Cas12i2 polypeptides, cells comprising the variant Cas12i2 polypeptides, and methods of using the variant Cas12i2 polypeptides. The invention further relates to complexes comprising the variant Cas12i2 polypeptides, methods of producing the complexes, processes for characterizing the complexes, cells comprising the complexes, and methods of using the complexes.

[Continued on next page]

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