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(54) Title: NOVEL CRISPR/CAS13 SYSTEMS AND USES THEREOF

(57) Abstract: The present invention relates to the field of RNA editing using novel Cast 3 polypeptides in a CRISPR/Cas13 system. The novel Cast 3 polypeptides have collateral, or 'trans' cleavage activity and can be utilised in a nucleic acid detection systems, such as a Cast 3 SARS-CoV-2-based detection assay.

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