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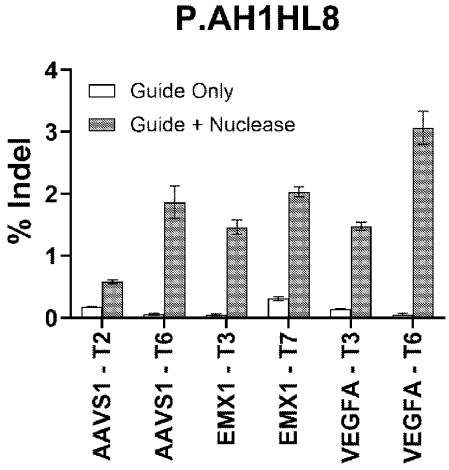
(54) Title: RNA-GUIDED NUCLEASE POLYPEPTIDES AND GENE EDITING SYSTEMS COMPRISING SUCH

FIG. 1



(57) Abstract: An RNA-guided nuclease polypeptide, comprising a RuvC nuclease domain and an HNH nuclease domain, wherein the RNA-guided nuclease polypeptide comprises an amino acid sequence at least 90% identical to SEQ ID NO: 1. Also provided herein are gene editing systems comprising such an RNA-guided nuclease polypeptide and gene editing methods using the gene editing system.

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