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(54) Title: COMPOSITIONS AND METHODS FOR THE TARGETING OF BCL11A

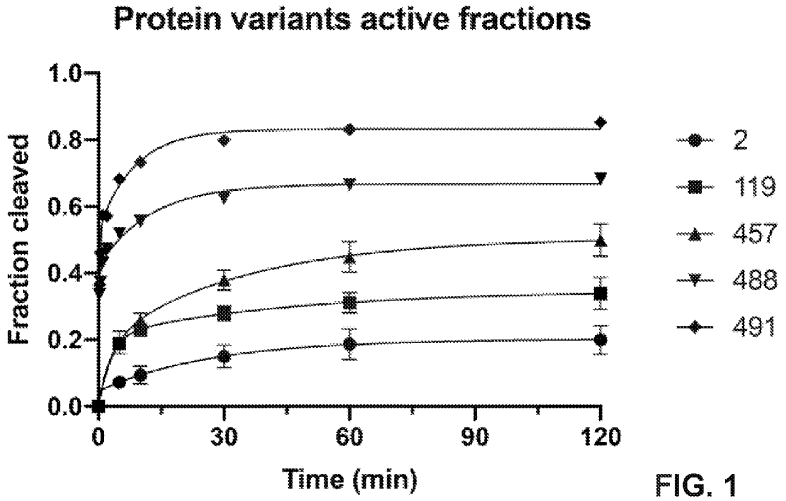


FIG. 1

(57) Abstract: Provided herein are systems comprising Class 2, Type V CRISPR polypeptides, guide nucleic acids (gNA), and optionally donor template nucleic acids useful in the modification of a BCL11A gene. The systems are also useful for the modification of cells in subjects with a hemoglobinopathy-related disease. Also provided are methods of treatment of subjects having a hemoglobinopathy-related disease by administration of the systems or nucleic acids encoding such systems that target the BCL11A gene in such subjects.

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