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(54) Title: COMPOSITIONS AND METHODS FOR ENGRAFTMENT OF BASE EDITED CELLS

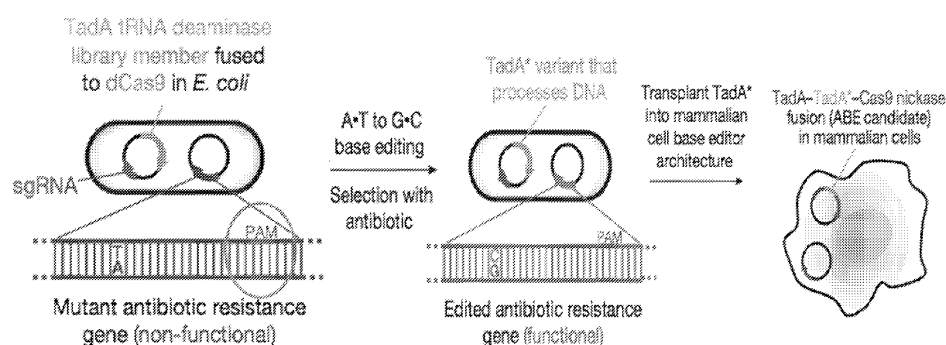


FIG. 1

(57) Abstract: The invention provides compositions comprising novel adenosine base editors (e.g., ABE8) that have increased efficiency and methods of using these adenosine deaminase variants for editing a target sequence and methods of using same to treat genetical disorder or conditions, e.g. sickle cell disease, with engraftment.