PLASMID COMBINATION AND APPLICATION THEREOF IN PREPARING MODIFIED IMMUNE CELLS

Abstract

Provided in the present disclosure is a method for using a four-plasmid system to prepare modified immune effector cells. The method comprises: forming a lentivirus by using four plasmids within 293T cells, extracting and obtaining the lentivirus, then transfecting immune effector cells by using the lentivirus, and expressing a chimeric antigen receptor. Also provided in the present disclosure is a use of the immune effector cell obtained by using the described method and of a composition containing the immune effector cell.