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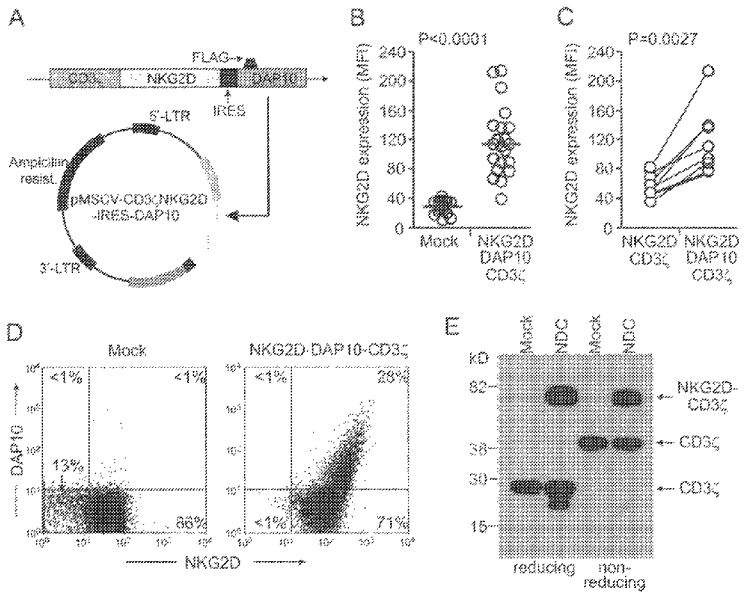



FIG. 1

(57) Abstract: The invention provides a chimeric receptor comprising NKG2D, DAP10 and CD3 zeta. Also disclosed is a composition comprising this chimeric receptor and methods for making and using it to enhance the cytotoxicity and antitumor capacity of NK cells. The invention also encompasses methods for the use of NKG2D-DAP10-CD3 zeta polypeptides, vectors and cells in methods for treating cancer and other proliferative disorders, as well as infectious diseases.

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