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(54) Title: SOLID TUMOR TARGETING BACKBONE PROMOTING EFFECTOR CELL DIFFERENTIATION AND FUNCTION

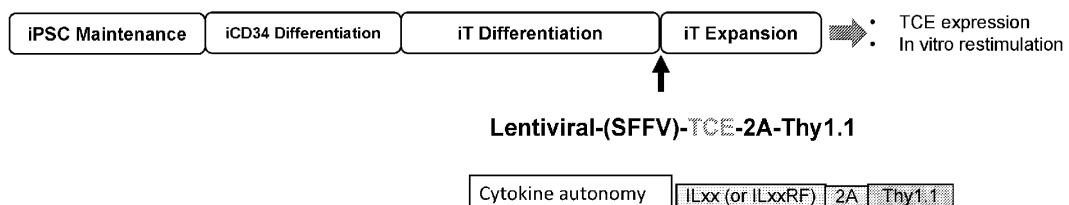


FIG. 1

(57) Abstract: Provided are methods and compositions for obtaining functionally enhanced immune cells, and derivative effector cells obtained from directed differentiation of genomically engineered iPSCs. Also provided are derivative cells having stable and functional genome editing that delivers improved or enhanced therapeutic effects. Further provided are therapeutic compositions and the use thereof comprising the functionally enhanced derivative effector cells alone, or with antibodies or checkpoint inhibitors in combination therapies.

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