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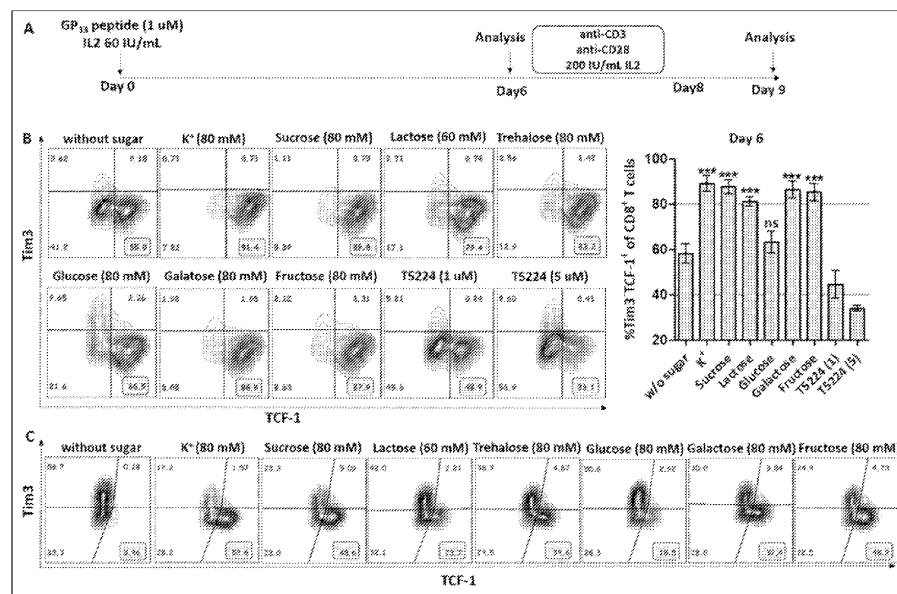


FIG. 1

(57) Abstract: Provided herein are methods for expanding activated T cells to produce T cells with less differentiated status and enhanced in vivo persistence after adoptive transfer. Activated T cells suitable for the methods include, e.g., progenitor exhausted (Tim3-TCF-1⁺), stem memory, and central memory T cells. The invention also provides methods for identifying progenitor exhausted T cells specific to an antigen. Further, the invention provides progenitor exhausted T cells, pharmaceutical compositions, and kits as well as methods for the treatment of cancer or infection using the same.

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