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(54) Title: IMMUNE CELLS HAVING CO-EXPRESSED SHRNAS AND LOGIC GATE SYSTEMS

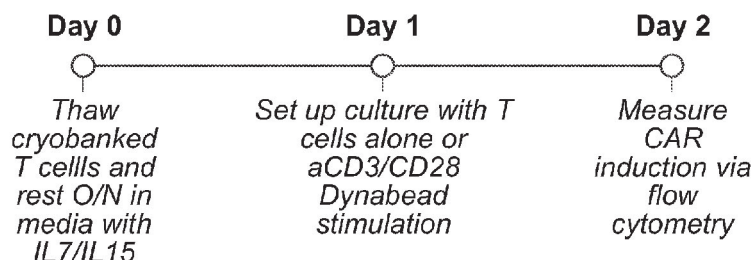


FIG. 1

(57) Abstract: Provided herein are recombinant nucleic acids encoding chimeric priming receptors that bind ALPG/P, chimeric antigen receptors that bind MSLN, and shRNA that target FAS, PTPN2, and/or TOX. Also provided are systems of chimeric priming receptors that bind ALPG/P, chimeric antigen receptors that bind MSLN, and shRNA that target FAS, PTPN2, and/or TOX, cells expressing such proteins and shRNA, and methods of use thereof.

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