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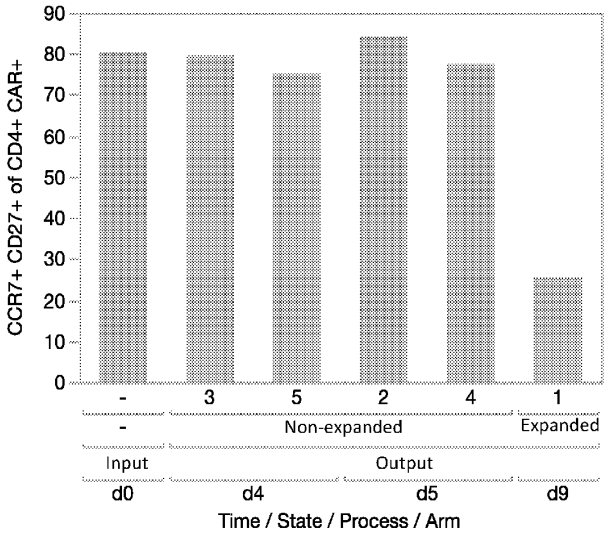
(71) Applicant: **JUNO THERAPEUTICS, INC.** [US/US]; 400 Dexter Ave. N, Suite 1200, Seattle, Washington 98109 (US).

(72) Inventors: **WESTOBY, Matthew**; 400 Dexter Ave. N, Suite 1200, Seattle, Washington 98109 (US). **BRIGGS, Adrian Wrangham**; 400 Dexter Ave. N, Suite 1200, Seattle, Washington 98109 (US). **KUGLER, David G.**; 400 Dexter Ave. N, Suite 1200, Seattle, Washington 98109 (US). **GERMEROTH, Lothar**; Grillparzerstrasse 10, 81675 Munich (DE). **STEMBERGER, Christian**; Grillparzerstrasse 10, 81675 Munich (DE). **POLTORAK, Mateusz Pawel**; Grillparzerstrasse 10, 81675 Munich (DE).

(74) Agent: **YIN, Bu** et al.; Morrison & Foerster LLP, 12531 High Bluff Drive, Suite 100, San Diego, California 92130-2040 (US).

(54) Title: PROCESSES FOR GENERATING ENGINEERED CELLS AND COMPOSITIONS THEREOF

FIG. 13A



(57) Abstract: The present disclosure provides processes for genetically engineering T cells, such as primary CD4+ T cells and/or CD8+ T cells, for use in cell therapy that does not involve expanding the cells. In particular aspects, the provided processes successfully generate compositions of engineered T cells, such as containing populations of engineered T cells, that express a chimeric antigen receptor (CAR) within a shortened amount of time as compared to alternative engineering processes, such as processes that involve expanding the cells. In certain aspects, the provided processes successfully generate a composition of engineered T cells suitable for use in cell therapy within 4 days from when the process to stimulate or activate the cells is initiated. In some aspects, the resulting engineered cell compositions are composed of cell population that are less differentiated, less exhausted, and more potent than engineered T cell compositions generated by other means, such as by processes that involve expanding the cells. Also provided are compositions of T

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