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(54) Title: CONSTITUTIVELY ACTIVE CYTOKINE RECEPTORS FOR CELL THERAPY

(57) Abstract: Embodiments of the disclosure include methods and compositions for enhancing expansion of immune cells for immunotherapy. In particular embodiments, immune cells, such as T-cells, express a constitutively active cytokine receptor in which the transmembrane and endodomains are able to provide an activating signal separately from any input to the corresponding exodomain to which they are operably linked. In specific embodiments, the transmembrane and endodomain from IL-7Rα is utilized with the exodomain of CD34.