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(54) Title: CHIMERIC RECEPTOR POLYPEPTIDES AND USES THEREOF

(57) Abstract: Provided is a chimeric receptor polypeptide comprising: a) an extracellular target binding domain; b) an extracellular TCR binding domain; c) a transmembrane domain comprising a transmembrane domain of a first TCR subunit; and/or d) an intracellular domain comprising an intracellular domain of a second TCR subunit. Also provided are nucleic acids encoding such chimeric receptor polypeptide and immune cells expressing such chimeric receptor polypeptide and uses thereof.

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