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(54) Title: RECOMBINANT VECTORS COMPRISING POLYCISTRONIC EXPRESSION CASSETTES AND METHODS OF USE THEREOF

(57) Abstract: Provided herein are vectors comprising a polycistronic expression cassette comprising a polynucleotide that encodes a CD 19 specific chimeric antigen receptor, a polynucleotide that encodes a cytokine, and a polynucleotide that encodes a marker protein, wherein the polynucleotide that encodes the CD 19-specific chimeric antigen receptor and the polynucleotide that encodes the cytokine coding sequence are separated by a polynucleotide sequence that comprises an F2A element, and wherein the polynucleotide sequence that encodes the cytokine and the polynucleotide sequence that encodes the marker protein are separated by a polynucleotide sequence that comprises a T2A element.

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