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(54) Title: CORECEPTOR CHIMERIC ANTIGEN RECEPTOR

(57) Abstract: The present invention relates to a co-receptor chimeric antigen receptor (CoCAR) capable of binding LCK, combinations of a co-receptor chimeric antigen receptor and a CAR, nucleic acid constructs encoding such CoCAR, recombinant cells engineered to express such CoCAR and pharmaceutical compositions comprising the same. The present invention further provides the use thereof in the treatment of diseases preferably characterized by expression of a tumor-associated antigen.



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