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(54) Title: METHODS AND COMPOSITIONS FOR GENE TRANSDUCTION AND TO CONTROL THE ACTIVITY OF SYN-
THETIC AND IMMUNE RECEPTORS

(57) Abstract: The application provides novel viral envelope glycoproteins for pseudotyping viral vectors, novel designs for synthetic
antigen receptors (SARs), novel signaling chains for construction of SARs, novel antigen binding domains, and novel methods for
production of SAR-expressing cells. These novel methods and compositions have broad use in cellular therapy.



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