METHODS AND COMPOSITIONS FOR INCREASED TRANSGENE EXPRESSION

Abstract

Described herein are methods of expressing nucleic acids in T cells pre-exposed to a co-stimulatory signal and then transduced with adenoviral vectors. In some embodiments, the co-stimulation is provided by anti-CD3 and anti-CD28 antibodies and the adenoviral vector is pseudotyped for T-cell entry. The invention also relates to compositions for carrying out these methods, provided as kits or pharmaceutical compositions that can be used to treat diseases including immunological conditions and hematological malignancies.