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(54) Title: METHODS OF INDUCING A CYTOTOXIC IMMUNE RESPONSE AND RECOMBINANT SIMIAN ADENOVIRUS COMPOSITIONS USEFUL THEREIN

(57) Abstract: A method of inducing a CD8+ T response against a selected molecule by delivering the molecule via a recombinant simian adenovirus is provided. Also provided are methods of inducing interferon-α and interferon-β by delivering a recombinant simian adenovirus to a subject. The methods and compositions of the invention are particularly well suited for prophylaxis and treatment of infections with human immunodeficiency virus and human papilloma virus, among others, and cancer therapy.