

**OPTIMIZED EARLY-LATE PROMOTER COMBINED WITH REPEATED
VACCINATION FAVORS CYTOTOXIC T CELL RESPONSE AGAINST
ANTIGENS IN REPLICATION DEFICIENT RECOMBINANT VIRUS
VACCINES**

Abstract

The present invention relates to a replication deficient recombinant virus encoding at least one antigen and/or antigenic epitope, wherein expression of said antigen and/or antigenic epitope is regulated by a transcriptional control element comprising at least two elements driving early expression of said antigen and/or antigenic epitope and the use of said replication deficient recombinant virus as medicament or vaccine.

(Fig. 1A)