

ABSTRACT

The present disclosure provides a virus-derived gene that can be used for producing a novel virus-derived construct. More particularly, the virus-derived gene of the present disclosure includes a combination of an adenovirus-derived gene and a herpesvirus-derived gene. In one embodiment, the herpesvirus-derived gene is a gene associated with replication of a gene. In one embodiment, the herpesvirus-derived gene encodes a protein selected from a helicase, a primase, an ssDNA-binding protein (DBP), a DNA polymerase, and a DNA replication protein. In one embodiment, the herpesvirus-derived gene encodes a protein selected from an ssDNA-binding protein (DBP) and a DNA polymerase. In one embodiment, the herpesvirus-derived gene includes a gene selected from UL44, UL54, and UL57.