

ABSTRACT

HPV ANTIGEN FUSION PROTEIN VACCINE COMPOSITIONS AND USES THEREOF

The present invention provides a fusion protein comprising an immunostimulatory polypeptide and a mutant E7 protein of a human papilloma virus. The present invention also provides a gene encoding the fusion protein, expression vectors containing the gene, a pharmaceutical composition comprising the fusion protein, a method for treating or preventing a human papilloma virus related disease by using the fusion protein and uses of the fusion protein in the preparation of a medicament for the treatment or prevention of the human papilloma virus related disease.

Fig. 4A