

ABSTRACT

NEW INFLUENZA VIRUS IMMUNIZING EPITOPE

A method for synthesizing influenza virus-like particles (VLPs) within a plant or a portion of a plant is provided. The method involves expression of a novel influenza HA protein in plants and its purification. The invention is also directed towards a VLP comprising influenza HA protein and plants lipids. The invention is also directed to a nucleic acid encoding improved influenza HA as well as vectors. The VLPs may be used to formulate influenza vaccines, or may be used to enrich existing vaccines.

Figure 1A