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ACTION

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(54) Title: REPLIKIN PEPTIDES AND USES THEREOF

(57) Abstract: Peptides of influenza virus hemagglutinin protein and *Plasmodium falciparum* malaria antigen, antibodies specific for the peptides, influenza vaccines, malaria vaccines and methods of stimulating the immune response of a subject to produce antibodies to influenza virus or malaria are disclosed. Also disclosed are methods for formulating vaccines for influenza virus. Isolated peptides of the *Bacillus anthracis* anthrax Toxin Lethal factor Protein pX01-107, antibodies specific for the peptides and methods of stimulating the immune response of a subject to produce antibodies to the *Bacillus anthracis* Anthrax Toxin Lethal factor Protein pX01-107 are disclosed. Also disclosed are isolated peptides of the Small Pox Virus Surface Antigen S Precursor Protein, antibodies specific for the peptides and methods of stimulating the immune response of a subject to produce antibodies to the Small Pox Virus Surface Antigen S Precursor Protein.