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WO 2014/049094 A1

(54) Title: RECOMBINANT MEASLES VIRUS EXPRESSING CHIKUNGUNYA VIRUS POLYPEPTIDES AND THEIR APPLICATIONS

(57) Abstract: The invention relates to recombinant Measles virus expressing Chikungunya virus polypeptides, and concerns in particular virus like particles (VLP) that contain envelope and capsid proteins of a Chikungunya virus at their surface. These particles are recombinant infectious particles able to replicate in a host after an administration. The invention provides means, in particular nucleic acids, vectors, cells and rescue systems to produce these recombinant infectious particles. The invention also relates to the use of these recombinant infectious particles, in particular under the form of a composition, more particularly in a vaccine formulation, for the treatment or prevention of an infection by Chikungunya virus.