

Title (en)

PRODUCTION OF BIOMEDICAL PEPTIDES AND PROTEINS IN PLANTS USING TRANSCOMPLEMENTATION SYSTEMS

Title (de)

PRODUKTION VON BIOMEDIZINISCHEN PEPTIDEN UND PROTEINEN IN PFLANZEN UNTER VERWENDUNG VON TRANSKOMPLEMENTATIONSSYSTEMEN

Title (fr)

PRODUCTION DE PEPTIDES ET DE PROTEINES BIOMEDICAUX DANS LES PLANTES PAR UTILISATION DES SYSTEMES DE TRANSCOMPLEMENTATION

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Application

EP 00908492 A 20000204

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Abstract (en)

[origin: WO0046350A1] The present invention discloses novel methods for producing foreign polypeptides in a host plant using recombinant viruses through functional complementation systems. The methods involve constructing suitable recombinant viral vectors that are capable of systemic infection and infecting the host plants with one or more recombinant viral vectors. The methods are also directed to infecting a host plant that is transgenic for expressing replicase genes of a virus, wherein the transgenic plant expressing a virus replicase genes complements the virus replicase function. The invention also discloses compositions comprising recombinant viral vectors capable of systemic infection for producing foreign polypeptides in a host plant.

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