

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (HI-99)

VUSOLIMOGENE ODERPAREPVEC

PRONUNCIATION

vue" soe lim' oh jeen oh der" pa rep' vek

THERAPEUTIC USE

Antineoplastic

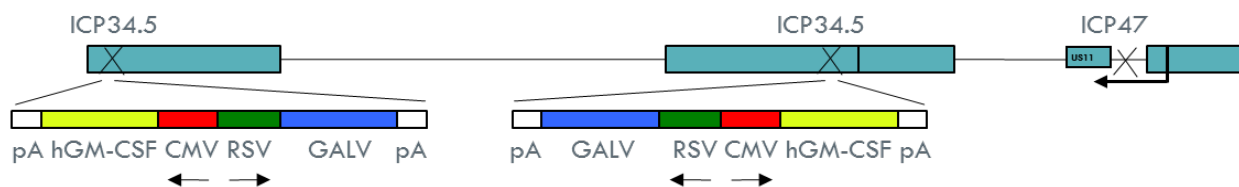
DESCRIPTION

DNA (Herpes simplex virus type 1 strain RH018A (Accession Number ECCAC 16121904)-derived construct RP1 protein ICP34.5 gene RL1 deletions plus protein ICP47 gene US12 deletion-containing plus human granulocyte macrophage colony stimulating factor codon-optimized gene plus gibbon ape leukemia virus R-transmembrane peptide-deleted fusogenic glycoprotein codon-optimized gene-expressing) (CA INDEX NAME)

RP1 is a selectively replication competent herpes simplex type-1 virus (HSV-1). RP1 was constructed using a new strain of HSV-1 (strain RH018). The neurovirulence factor (ICP34.5)- encoding genes and the ICP47-encoding gene are deleted from the virus. The virus contains the codon-optimized sequence for human granulocyte-macrophage colony stimulating factor (hGM-CSF), a cytokine involved in the stimulation of immune responses and the codon optimized sequence for gibbon ape leukemia virus fusogenic glycoprotein (GALV-GP-R-). The truncated A- version provides constitutive fusion activity. RP1 is intended for direct injection into solid tumors.

SCHEMATIC MAP

Schematic Representation of RP1 Genome



TRADEMARK

None as yet

SPONSOR

Replimune

CODE DESIGNATION

RP1

CAS REGISTRY NUMBER

2305659-09-8

UNII

45KLN7N6UV

WHO NUMBER

11720

SCS