

Title (en)

HSV-2 UL26 GENE, CAPSID PROTEINS, IMMUNOASSAYS AND PROTEASE INHIBITORS

Title (de)

HSV-2 UL26 GEN, HÜLLPROTEINE, IMMUNOASSAYS UND PROTEASEINHIBITOREN

Title (fr)

GENE HSV-2 UL26, PROTEINES CAPSIDES, DOSAGES IMMUNOLOGIQUES ET INHIBITEURS DE PROTEASE

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Application

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Abstract (en)

[origin: WO9506055A1] Essentially pure HSV-2 UL26 gene products and fragments thereof including mature HSV-2 protease and active fragments thereof are disclosed. Essentially pure HSV-2 UL26.5 gene products and fragments thereof including mature HSV-2 capsid protein and functional fragments are disclosed. Isolated nucleic acid molecules comprising all or part of the HSV-2 UL26 gene and/or the HSV-2 UL26.5 gene are disclosed. Expression vectors and host cells comprising such nucleic acid molecules are disclosed. Methods of identifying compounds that inhibit HSV-2 protease activity and methods of identifying compounds that inhibit HSV-2 virion assembly are disclosed. Synthetic HSV-2 substrates are disclosed. Antibodies that selectively bind to HSV-2 protease processed substrates but not unprocessed substrates or unprocessed substrates but not processed substrates are disclosed. Methods of and kits for distinguishing between HSV-1 DNA or protein and HSV-2 DNA or protein and reagents useful in such methods and kits are disclosed.

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