

Title (en)
TARGETS FOR INHIBITING HCV REPLICATION

Title (de)
ZIELE ZUR HEMMUNG DER HCV-REPLIKATION

Title (fr)
CIBLES POUR L'INHIBITION DE LA RÉPLICATION DU VIRUS DE L'HÉPATITE C

Publication
EP 1896619 A2 20080312 (EN)

Application
EP 06785052 A 20060616

Priority
• US 2006023646 W 20060616
• US 69282105 P 20050622
• US 71000605 P 20050819

Abstract (en)
[origin: WO2007001928A2] Liver expressed proteins involved in HCV replication were identified using a procedure measuring the effect of inhibiting expression of host cell proteins on HCV replicon activity. The identified proteins and encoding nucleic acid provide targets for inhibiting HCV replication and for evaluating the ability of compounds to inhibit HCV replication. Compounds inhibiting HCV replication include compounds targeting identified proteins and compounds targeting nucleic acid encoding the identified protein. Several of the host genes identified as targets for inhibiting HCV replication were also found to be a target for inhibiting HIV replication. The ability to serve as a target for inhibiting both HIV and HCV replication indicates that such an identified gene and encoded protein may be a useful target for inhibiting replication of different types of viruses and not limited to inhibiting replication of a particular virus.

IPC 8 full level
C12Q 1/70 (2006.01)

CPC (source: EP)
A61P 31/14 (2017.12); **A61P 31/18** (2017.12); **C12N 15/111** (2013.01); **C12Q 1/70** (2013.01); **C12Q 1/707** (2013.01); **C12N 2310/14** (2013.01); **C12N 2320/12** (2013.01); **C12N 2330/31** (2013.01)

Citation (search report)
See references of WO 2007001928A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
WO 2007001928 A2 20070104; **WO 2007001928 A3 20110526**; AU 2006262490 A1 20070104; CA 2611528 A1 20070104; EP 1896619 A2 20080312; JP 2009501513 A 20090122

DOCDB simple family (application)
US 2006023646 W 20060616; AU 2006262490 A 20060616; CA 2611528 A 20060616; EP 06785052 A 20060616; JP 2008518260 A 20060616