

Washington University (Rice) HCV Patent Estate Licensed Exclusively to Apath

Title	Country
Nucleic Acids Comprising a Highly Conserved Novel 3' Terminal Sequence Element of the Hepatitis C Virus	US 08/520,678
Methods for the Detection of a Novel Hepatitis C Virus (HCV) Terminal 3' Noncoding Region	US (Div.) 08/897,126
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	US (Cont.) 10/158,314
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	AU 713112
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	BR PI9610307-8
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	CA 2,230,452
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	JP 510618/1997
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	JP 333873/2006
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	JP 333874/2006
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	MX 223839
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	IL 123465
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	EP App. No. 96929843.9
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	Belgium
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	Switzerland
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	Germany

Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	Spain
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	France
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	United Kingdom
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	Ireland
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	Italy
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	Netherlands
Novel 3' Terminal Sequence of Hepatitis C Virus Genome and Diagnostic and Therapeutic Uses Thereof	Portugal
Functional DNA Clone for Hepatitis C Virus (HCV) and Uses Thereof	US 08/811,566 (Cont.)
Functional DNA Clone for Hepatitis C Virus (HCV) and Uses Thereof	US 09/034,756 (Cont.)
Functional DNA Clone for Hepatitis C Virus (HCV) and Uses Thereof	U.S. 10/704,407
Functional DNA Clone for Hepatitis C Virus (HCV) and Uses Thereof	AU Pub. 69386/98
Functional DNA Clone for Hepatitis C Virus (HCV) and Uses Thereof	CA 2,283,464
Functional DNA Clone for Hepatitis C Virus (HCV) and Uses Thereof	EP 98915130.3
Functional DNA Clone for Hepatitis C Virus (HCV) and Uses Thereof	IL 131688
Functional DNA Clone for Hepatitis C Virus (HCV) and Uses Thereof	JP 538854/1998
HCV Variants	US 09/576,989 (CIP)
HCV Variants	US 11/173,792

HCV Variants	AU 2001263407
HCV Variants	AU 2006202902 (Div. 36602)
HCV Variants	CA 2,409,873
HCV Variants	EP 01937697.9
HCV Variants	IL 152671
HCV Variants	JP 585612/2001
HCV Variants	US 10/276,051
HCV Variants	US (CIP)
HCV Variant Methods	US
Highly Permissive Cell Lines for Hepatitis C Virus RNA Replication	US 10/534,571

Rockefeller University (Rice) HCV Patent Estate Licensed Exclusively to Apath

Title	Country
Infectious, Recombinant Hepatitis C Virus, Methods of Producing the Same and Methods of Use Thereof	US 60/658,187
Infectious, Recombinant Hepatitis C Virus, Methods of Producing the Same and Methods of Use Thereof	US 11/366,839
Infectious, Recombinant Hepatitis C Virus, Methods of Producing the Same and Methods of Use Thereof	PCT US/06/07454
Infectious, Recombinant Hepatitis C Virus, Methods of Producing the Same and Methods of Use Thereof	EP Appl. No. 06 736 723.5

Toray (Wakita) HCV Patent Estate Licensed Co-Exclusively to Apath for Drug Discovery and Biologics Research

Title	Application Number
Gens of Fulminant Hepatitis C Virus Strain	JP 2000-367365
Nucleic Acid Construct Containing Hepatitis C Virus (HCV) of Genotype 2a Genome Origin Nucleic Acid and Cell Having the Nucleic Acid Construct Transferred Thereinto	WO 2004 104198 A1
Nucleic Acid Construct Containing Hepatitis C Virus (HCV) of Genotype 2a Genome Origin Nucleic Acid and Cell Having the Nucleic Acid Construct Transferred Thereinto	US 10/558155
Nucleic Acid Construct Containing Hepatitis C Virus (HCV) of Genotype 2a Genome Origin Nucleic Acid and Cell Having the Nucleic Acid Construct Transferred Thereinto	EP 03774223.6
Nucleic Acid Construct Containing Hepatitis C Virus (HCV) of Genotype 2a Genome Origin Nucleic Acid and Cell Having the Nucleic Acid Construct Transferred Thereinto	JP 2003-148242
Nucleic Acid Construct Containing Hepatitis C Virus (HCV) of Genotype 2a Genome Origin Nucleic Acid and Cell Having the Nucleic Acid Construct Transferred Thereinto	JP 2003-329115
Nucleic Acid Construct Containing Hepatitis C Virus (HCV) of Genotype 2a Genome Origin Nucleic Acid and Cell Having the Nucleic Acid Construct Transferred Thereinto	CA 2 525 698
Nucleic Acid Construct Containing Hepatitis C Virus (HCV) of Genotype 2a Genome Origin Nucleic Acid and Cell Having the Nucleic Acid Construct Transferred Thereinto	AU 2003284689
Nucleic Acid and Gene Originating in Novel HCV Strain and Replicon-Replicating Cell Using the Gene	WO 2005 028652 A1
Nucleic Acid and Gene Originating in Novel HCV Strain and Replicon-Replicating Cell Using the Gene	US 10/572476
Nucleic Acid and Gene Originating in Novel HCV Strain and Replicon-Replicating Cell Using the Gene	EP 04773387.8
Nucleic Acid and Gene Originating in Novel HCV Strain and Replicon-Replicating Cell Using the Gene	JP 2003-329082
Nucleic Acid and Gene Originating in Novel HCV Strain and Replicon-Replicating Cell Using the Gene	CA 2539457

Nucleic Acid Construct Containing Full-Length Genome of Human Hepatitis C Virus, Recombinant Full-Length Virus Genome Replicative Cell Having the Nucleic Acid Construct Transferred Thereinto and Method of Constructing Hepatitis C Viral Particles	WO 2005 080575 A1
Nucleic Acid Construct Containing Full-Length Genome of Human Hepatitis C Virus, Recombinant Full-Length Virus Genome Replicative Cell Having the Nucleic Acid Construct Transferred Thereinto and Method of Constructing Hepatitis C Viral Particles	US 10/589902
Nucleic Acid Construct Containing Full-Length Genome of Human Hepatitis C Virus, Recombinant Full-Length Virus Genome Replicative Cell Having the Nucleic Acid Construct Transferred Thereinto and Method of Constructing Hepatitis C Viral Particles	EP 05719575.2
Nucleic Acid Construct Containing Full-Length Genome of Human Hepatitis C Virus, Recombinant Full-Length Virus Genome Replicative Cell Having the Nucleic Acid Construct Transferred Thereinto and Method of Constructing Hepatitis C Viral Particles	JP 2004- 045489
Nucleic Acid Construct Containing Full-Length Genome of Human Hepatitis C Virus, Recombinant Full-Length Virus Genome Replicative Cell Having the Nucleic Acid Construct Transferred Thereinto and Method of Constructing Hepatitis C Viral Particles	CA 2558685
Nucleic Acid Construct Containing Full-Length Genome of Human Hepatitis C Virus, Recombinant Full-Length Virus Genome Replicative Cell Having the Nucleic Acid Construct Transferred Thereinto and Method of Constructing Hepatitis C Viral Particles	CN 1942585A
Nucleic Acid Construct Containing Full-Length Genome of Human Hepatitis C Virus, Recombinant Full-Length Virus Genome Replicative Cell Having the Nucleic Acid Construct Transferred Thereinto and Method of Constructing Hepatitis C Viral Particles	KR 2007 0011310A
Modified Human Hepatitis C Virus Genomic RNA Having Autonomous Replicative Competence	WO 2006 022422 A1
Modified Human Hepatitis C Virus Genomic RNA Having Autonomous Replicative Competence	US 11/660,794

Modified Human Hepatitis C Virus Genomic RNA Having Autonomous Replicative Competence	EP 05781421.2
Modified Human Hepatitis C Virus Genomic RNA Having Autonomous Replicative Competence	JP 2004- 243975
Modified Human Hepatitis C Virus Genomic RNA Having Autonomous Replicative Competence	JP 2004- 290801
Modified Human Hepatitis C Virus Genomic RNA Having Autonomous Replicative Competence	JP 2005- 069725
Modified Human Hepatitis C Virus Genomic RNA Having Autonomous Replicative Competence	JP 2005- 069527
Modified Human Hepatitis C Virus Genomic RNA Having Autonomous Replicative Competence	CA 2578021
Modified Human Hepatitis C Virus Genomic RNA Having Autonomous Replicative Competence	AU 2005275713

US Public Health Service (Yanagi) HCV Patent Estate Licensed Non-Exclusively to Apath for Drug Discovery

Title	Application Number
Cloned Genome of Infectious Hepatitis C Virus of Genotype 2A and Uses Thereof	US 60/137,693 (Prov.)
Cloned Genome of Infectious Hepatitis C Virus of Genotype 2A and Uses Thereof	PCT US/00/15446
Cloned Genome of Infectious Hepatitis C Virus of Genotype 2A and Uses Thereof	US 09/980,559
Cloned Genome of Infectious Hepatitis C Virus of Genotype 2A and Uses Thereof	EP Appl. No. 00938146.8
Cloned Genome of Infectious Hepatitis C Virus of Genotype 2A and Uses Thereof	US (Cont.) 11/451,212
Cloned Genomes of Infectious Hepatitis C Viruses and Uses Thereof	US (Div.) 11/784,809

University of Georgia Research Foundation/Millipore Renilla Luciferase Patent Estate
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Title	Application Number
Cloning and Expressions of Renilla Luciferase	US 08/079,700
Isolated Renilla Luciferase and Method of Use Thereof	US 08/167,650

Promega Renilla Luciferase Patent Estate

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Title	Application Number
Synthetic Nucleic Acid Molecule Compositions and Methods of Preparations	US 09/645,706

Prolume Ltd. / NanoLight Technologies Patent Estate
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Title	Application Number
LUCIFERASES, FLUORESCENT PROTEINS, NUCLEIC ACIDS ENCODING THE LUCIFERASES AND FLUORESCENT PROTEINS AND THE USE THEREOF IN DIAGNOSTICS	US 7,109,315
LUCIFERASES, FLUORESCENT PROTEINS, NUCLEIC ACIDS ENCODING THE LUCIFERASES AND FLUORESCENT PROTEINS AND THE USE THEREOF IN DIAGNOSTICS	US 6,232,107
LUCIFERASES, FLUORESCENT PROTEINS, NUCLEIC ACIDS ENCODING THE LUCIFERASES AND FLUORESCENT PROTEINS AND THE USE THEREOF IN DIAGNOSTICS	US 6,436,682
LUCIFERASES, FLUORESCENT PROTEINS, NUCLEIC ACIDS ENCODING THE LUCIFERASES AND FLUORESCENT PROTEINS AND THE USE THEREOF IN DIAGNOSTICS	US 6,780,974
LUCIFERASES, FLUORESCENT PROTEINS, NUCLEIC ACIDS ENCODING THE LUCIFERASES AND FLUORESCENT PROTEINS AND THE USE THEREOF IN DIAGNOSTICS	WO 1999/049019