Replicating hepatitis delta virus RNA is edited in the nu

Proceedings of the National Academy of Sciences of the Unite 99, 15118-15123

DOI: 10.1073/pnas.232416799

Citation Report

#	Article	IF	CITATIONS
1	RNA Interference in Biology and Medicine. Pharmacological Reviews, 2003, 55, 629-648.	7.1	117
2	Replication of human hepatitis delta virus: recent developments. Trends in Microbiology, 2003, 11, 185-190.	3.5	90
3	Elevated activity of the large form of ADAR1 in vivo: Very efficient RNA editing occurs in the cytoplasm. Rna, 2003, 9, 586-598.	1.6	39
4	Differential Inhibition of RNA Editing in Hepatitis Delta Virus Genotype III by the Short and Long Forms of Hepatitis Delta Antigen. Journal of Virology, 2003, 77, 7786-7795.	1.5	27
5	Resistance of Human Hepatitis Delta Virus RNAs to Dicer Activity. Journal of Virology, 2003, 77, 11910-11917.	1.5	57
6	Mammalian C to U editing. Topics in Current Genetics, 2004, , 365-400.	0.7	3
7	By Inhibiting Replication, the Large Hepatitis Delta Antigen Can Indirectly Regulate Amber/W Editing and Its Own Expression. Journal of Virology, 2004, 78, 8120-8134.	1.5	48
8	Effects of Length and Location on the Cellular Response to Double-Stranded RNA. Microbiology and Molecular Biology Reviews, 2004, 68, 432-452.	2.9	100
9	Hepatitis D virus RNA editing is inhibited by a GFP fusion protein containing a C-terminally deleted delta antigen. Journal of General Virology, 2004, 85, 947-957.	1.3	8
10	The small delta antigen of hepatitis delta virus is an acetylated protein and acetylation of lysine 72 may influence its cellular localization and viral RNA synthesis. Virology, 2004, 319, 60-70.	1.1	59
11	Towards Therapy Using RNA Interference. Molecular Diagnosis and Therapy, 2004, 4, 45-51.	3.3	36
12	Improved and automated prediction of effective siRNA. Biochemical and Biophysical Research Communications, 2004, 319, 264-274.	1.0	129
13	Interferon-α stimulation of liver cells enhances hepatitis delta virus RNA editing in early infection. Journal of Hepatology, 2004, 41, 667-672.	1.8	30
14	Disruption of the putative splice acceptor site for SIVmac239 Vif reveals tight control of SIV splicing and impaired replication in Vif non-permissive cells. Virology, 2005, 338, 281-291.	1.1	3
15	Effects of Conserved RNA Secondary Structures on Hepatitis Delta Virus Genotype I RNA Editing, Replication, and Virus Production. Journal of Virology, 2005, 79, 11187-11193.	1.5	21
16	RNA Replication without RNA-Dependent RNA Polymerase: Surprises from Hepatitis Delta Virus. Journal of Virology, 2005, 79, 7951-7958.	1.5	129
17	RNA Recombination of Hepatitis Delta Virus in Natural Mixed-Genotype Infection and Transfected Cultured Cells. Journal of Virology, 2005, 79, 2221-2229.	1.5	41
18	New Antiviral Pathway That Mediates Hepatitis C Virus Replicon Interferon Sensitivity through ADAR1. Journal of Virology, 2005, 79, 6291-6298.	1.5	179

TATION PEDO

#	Article	IF	CITATIONS
22	Structure and Replication of Hepatitis Delta Virus RNA. , 2006, , 20-37.		3
23	HDV RNA Replication: Ancient Relic or Primer?. , 2006, 307, 25-45.		15
24	The large form of ADAR 1 is responsible for enhanced hepatitis delta virus RNA editing in interferon-alpha-stimulated host cells. Journal of Viral Hepatitis, 2006, 13, 150-157.	1.0	43
25	siRNA-resistance in treated HCV replicon cells is correlated with the development of specific HCV mutations. Journal of Viral Hepatitis, 2006, 13, 756-761.	1.0	38
26	Hepatitis delta virus. Virology, 2006, 344, 71-76.	1.1	188
27	Binding of the polypyrimidine tract-binding protein-associated splicing factor (PSF) to the hepatitis delta virus RNA. Virology, 2006, 356, 35-44.	1.1	39
28	Detection of hepatitis delta virus recombinants in cultured cells co-transfected with cloned genotypes I and IIb DNA sequences. Journal of Virological Methods, 2006, 137, 252-258.	1.0	9
29	p150 ADAR1 isoform involved in maintenance of HeLa cell proliferation. BMC Cancer, 2006, 6, 282.	1.1	11
30	Interferon Action and the Doubleâ€Stranded RNAâ€Dependent Enzymes ADAR1 Adenosine Deaminase and PKR Protein Kinase. Progress in Molecular Biology and Translational Science, 2006, 81, 369-434.	1.9	85
31	Molecular Mechanisms of Poliovirus Variation and Evolution. , 2006, 299, 211-259.		60
32	Intracellular Restriction Factors In Mammalian Cells - An Ancient Defense System Finds A Modern Foe. Current HIV Research, 2006, 4, 141-168.	0.2	25
33	RNA Editing in Hepatitis Delta Virus. , 2006, 307, 67-89.		54
34	The primary function of RNA binding by the influenza A virus NS1 protein in infected cells: Inhibiting the 2'-5' oligo (A) synthetase/RNase L pathway. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7100-7105.	3.3	414
35	The role of a metastable RNA secondary structure in hepatitis delta virus genotype III RNA editing. Rna, 2006, 12, 1521-1533.	1.6	28
36	Alternative splicing of the <i>ADAR1</i> transcript in a region that functions either as a 5′-UTR or an ORF. Rna, 2007, 13, 1732-1744.	1.6	16
37	RNA recombination in hepatitis delta virus: Implications regarding the abilities of mammalian RNA polymerases. Virus Research, 2007, 127, 208-215.	1.1	22
39	Therapeutic Potential of RNA Interference Against Cellular Targets of HIV Infection. Molecular Biotechnology, 2007, 37, 225-36.	1.3	16
40	Changes in the proteome of Huh7 cells induced by transient expression of hepatitis D virus RNA and antigens. Journal of Proteomics, 2008, 71, 71-79.	1.2	22

#	Article	IF	CITATIONS
41	Determination of editors at the novel A-to-I editing positions. Neuroscience Research, 2008, 61, 201-206.	1.0	52
42	The editing enzyme ADAR1 and the mRNA surveillance protein hUpf1 interact in the cell nucleus. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5028-5033.	3.3	44
43	IFP35 Is Involved in the Antiviral Function of Interferon by Association with the Viral Tas Transactivator of Bovine Foamy Virus. Journal of Virology, 2008, 82, 4275-4283.	1.5	60
44	Combined proteomic–RNAi screen for host factors involved in human hepatitis delta virus replication. Rna, 2009, 15, 1971-1979.	1.6	43
45	Hepatitis Delta Virus RNA Replication. Viruses, 2009, 1, 818-831.	1.5	63
46	Hepatitis delta virus proteins repress hepatitis B virus enhancers and activate the alpha/beta interferon-inducible MxA gene. Journal of General Virology, 2009, 90, 2759-2767.	1.3	92
47	The hepatitis delta virus RNA genome interacts with eEF1A1, p54nrb, hnRNP-L, GAPDH and ASF/SF2. Virology, 2009, 390, 71-78.	1.1	37
48	Evidence for ADAR-induced hypermutation of the Drosophila sigma virus (Rhabdoviridae). BMC Genetics, 2009, 10, 75.	2.7	50
49	Proteome analysis of a human liver carcinoma cell line stably expressing hepatitis delta virus ribonucleoproteins. Journal of Proteomics, 2009, 72, 616-627.	1.2	24
50	RNA conformational changes in the life cycles of RNA viruses, viroids, and virus-associated RNAs. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2009, 1789, 571-583.	0.9	47
51	The C-terminal sequence of the large hepatitis delta antigen is variable but retains the ability to bind clathrin. Virology Journal, 2009, 6, 31.	1.4	16
52	ADENOSINE DEAMINASE THAT ACTS ON RNA 1 P150 IN ALVEOLAR MACROPHAGE IS INVOLVED IN LPS-INDUCED LUNG INJURY. Shock, 2009, 31, 410-415.	1.0	14
54	Evolution and Diversity of the Human Hepatitis D Virus Genome. Advances in Bioinformatics, 2010, 2010, 1-9.	5.7	44
55	Modification of Small Hepatitis Delta Virus Antigen by SUMO Protein. Journal of Virology, 2010, 84, 918-927.	1.5	47
56	Diverse functions for DNA and RNA editing in the immune system. RNA Biology, 2010, 7, 220-228.	1.5	47
57	Interaction of Host Cellular Proteins with Components of the Hepatitis Delta Virus. Viruses, 2010, 2, 189-212.	1.5	47
58	Massive APOBEC3 Editing of Hepatitis B Viral DNA in Cirrhosis. PLoS Pathogens, 2010, 6, e1000928.	2.1	145
59	RNA Editing and its Control in Hepatitis Delta Virus Replication. Viruses, 2010, 2, 131-146.	1.5	10

#	Article	IF	Citations
60	Hepatitis D virus: an update. Liver International, 2011, 31, 7-21.	1.9	108
61	Adenosine deaminases acting on RNA (ADARs) are both antiviral and proviral. Virology, 2011, 411, 180-193.	1.1	278
62	The heterogeneous ribonuclear protein C interacts with the hepatitis delta virus small antigen. Virology Journal, 2011, 8, 358.	1.4	22
63	Control of ADAR1 Editing of Hepatitis Delta Virus RNAs. Current Topics in Microbiology and Immunology, 2011, 353, 123-143.	0.7	58
64	Enhancement of Replication of RNA Viruses by ADAR1 via RNA Editing and Inhibition of RNA-Activated Protein Kinase. Journal of Virology, 2011, 85, 8460-8466.	1.5	85
65	Adenosine Deaminases Acting on RNA, RNA Editing, and Interferon Action. Journal of Interferon and Cytokine Research, 2011, 31, 99-117.	0.5	93
66	Hepatitis Delta and HIV Infection. Seminars in Liver Disease, 2012, 32, 120-129.	1.8	23
67	Multiple genomic sequences of hepatitis delta virus are associated with cDNA promoter activity and RNA double rolling-circle replication. Journal of General Virology, 2012, 93, 577-587.	1.3	1
68	Lysine-71 in the large delta antigen of hepatitis delta virus clade 3 modulates its localization and secretion. Virus Research, 2012, 170, 75-84.	1.1	2
69	Humanized chimeric uPA mouse model for the study of hepatitis B and D virus interactions and preclinical drug evaluation. Hepatology, 2012, 55, 685-694.	3.6	190
70	HDV Family of Self-Cleaving Ribozymes. Progress in Molecular Biology and Translational Science, 2013, 120, 123-171.	0.9	34
71	microRNA control of interferons and interferon induced anti-viral activity. Molecular Immunology, 2013, 56, 781-793.	1.0	51
72	Multi-level regulation of cellular recognition of viral dsRNA. Cellular and Molecular Life Sciences, 2013, 70, 1949-1963.	2.4	30
73	Arginine-Rich Motifs Are Not Required for Hepatitis Delta Virus RNA Binding Activity of the Hepatitis Delta Antigen. Journal of Virology, 2013, 87, 8665-8674.	1.5	11
74	Hepatitis Delta Virus: A Peculiar Virus. Advances in Virology, 2013, 2013, 1-11.	0.5	24
75	Learning from the Messengers: Innate Sensing of Viruses and Cytokine Regulation of Immunity — Clues for Treatments and Vaccines. Viruses, 2013, 5, 470-527.	1.5	42
76	The adenosine deaminase acting on RNA 1 p150 isoform is involved in the pathogenesis of dyschromatosis symmetrica hereditaria. British Journal of Dermatology, 2013, 169, 637-644.	1.4	9
78	Immunopathogenesis of Hepatitis D. , 2014, , 231-241.		0

#	Article	IF	CITATIONS
79	ADAR2 induces reproducible changes in sequence and abundance of mature microRNAs in the mouse brain. Nucleic Acids Research, 2014, 42, 12155-12168.	6.5	42
80	Animal Models of Chronic Hepatitis Delta Virus Infection Host–Virus Immunologic Interactions. Pathogens, 2015, 4, 46-65.	1.2	14
81	GluA2 is rapidly edited at the Q/R site during neural differentiation in vitro. Frontiers in Cellular Neuroscience, 2015, 9, 69.	1.8	27
82	Infectious long non-coding RNAs. Biochimie, 2015, 117, 37-47.	1.3	32
84	Hepatitis Delta co-infection in humanized mice leads to pronounced induction of innate immune responses in comparison to HBV mono-infection. Journal of Hepatology, 2015, 63, 346-353.	1.8	104
85	Hepatitis delta virus: From biological and medical aspects to current and investigational therapeutic options. Antiviral Research, 2015, 122, 112-129.	1.9	44
86	Hepatitis D Virus Replication. Cold Spring Harbor Perspectives in Medicine, 2015, 5, a021568.	2.9	49
87	ADAR-Mediated RNA Editing Predicts Progression and Prognosis of Gastric Cancer. Gastroenterology, 2016, 151, 637-650.e10.	0.6	127
88	The hepatitis delta virus: Replication and pathogenesis. Journal of Hepatology, 2016, 64, S102-S116.	1.8	212
89	Hepatitis delta virus: insights into a peculiar pathogen and novel treatment options. Nature Reviews Gastroenterology and Hepatology, 2016, 13, 580-589.	8.2	129
90	Hepatitis Delta Virus: Virology and Replication. Molecular and Translational Medicine, 2016, , 147-166.	0.4	2
91	RNA editing by ADAR1 regulates innate and antiviral immune functions in primary macrophages. Scientific Reports, 2017, 7, 13339.	1.6	43
92	Adenosine Deaminases That Act on RNA (ADARs). The Enzymes, 2017, 41, 215-268.	0.7	29
93	Literature review of baseline information to support the risk assessment of RNAiâ€based GM plants. EFSA Supporting Publications, 2017, 14, 1246E.	0.3	15
94	Both interferon alpha and lambda can reduce all intrahepatic HDV infection markers in HBV/HDV infected humanized mice. Scientific Reports, 2017, 7, 3757.	1.6	47
95	Hepatitis Delta Virus: Replication Strategy and Upcoming Therapeutic Options for a Neglected Human Pathogen. Viruses, 2017, 9, 172.	1.5	30
96	The Hepatitis Delta Virus accumulation requires paraspeckle components and affects NEAT1 level and PSP1 localization. Scientific Reports, 2018, 8, 6031.	1.6	21
97	Quantitative characterization of hepatitis delta virus genome edition by next-generation sequencing. Virus Research, 2018, 243, 52-59.	1.1	11

#	Article	IF	CITATIONS
98	Long-read sequencing uncovers a complex transcriptome topology in varicella zoster virus. BMC Genomics, 2018, 19, 873.	1.2	66
99	Structural Pattern Differences in Unbranched Rod-like RNA of Hepatitis Delta Virus affect RNA Editing. Viruses, 2019, 11, 934.	1.5	8
100	Down-regulation of hepatitis delta virus super-infection in the woodchuck model. Virology, 2019, 531, 100-113.	1.1	3
101	A review on hepatitis D: From virology to new therapies. Journal of Advanced Research, 2019, 17, 3-15.	4.4	78
102	Insight into the Contribution and Disruption of Host Processes during HDV Replication. Viruses, 2019, 11, 21.	1.5	9
103	Epitranscriptomic marks: Emerging modulators of RNA virus gene expression. Wiley Interdisciplinary Reviews RNA, 2020, 11, e1576.	3.2	42
104	Mammalian deltavirus without hepadnavirus coinfection in the neotropical rodent <i>Proechimys semispinosus</i> . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17977-17983.	3.3	44
105	Interplay between Hepatitis D Virus and the Interferon Response. Viruses, 2020, 12, 1334.	1.5	23
106	The p150 Isoform of ADAR1 Blocks Sustained RLR signaling and Apoptosis during Influenza Virus Infection. PLoS Pathogens, 2020, 16, e1008842.	2.1	22
107	1% Isoflurane and 1.2 μg/ml of Propofol: A Combination of Anesthetics That Causes the Least Damage to Hypoxic Neurons. Frontiers in Aging Neuroscience, 2020, 12, 591938.	1.7	2
108	ADAR2 Is Involved in Self and Nonself Recognition of Borna Disease Virus Genomic RNA in the Nucleus. Journal of Virology, 2020, 94, .	1.5	15
109	Future treatments for hepatitis delta virus infection. Liver International, 2020, 40, 54-60.	1.9	37
110	Current knowledge on Hepatitis Delta Virus replication. Antiviral Research, 2020, 179, 104812.	1.9	31
111	Host-dependent editing of SARS-CoV-2 in COVID-19 patients. Emerging Microbes and Infections, 2021, 10, 1777-1789.	3.0	13
112	Identification of novel avian and mammalian deltaviruses provides new insights into deltavirus evolution. Virus Evolution, 2021, 7, veab003.	2.2	27
114	The role of A-to-I RNA editing in infections by RNA viruses: Possible implications for SARS-CoV-2 infection. Clinical Immunology, 2021, 226, 108699.	1.4	20
115	Hepatitis Delta Virus (HDV) and Delta-Like Agents: Insights Into Their Origin. Frontiers in Microbiology, 2021, 12, 652962.	1.5	22
116	New therapies for hepatitis delta virus infection. Liver International, 2021, 41, 30-37.	1.9	17

#	Article	IF	Citations
117	Variable In Vivo Hepatitis D Virus (HDV) RNA Editing Rates According to the HDV Genotype. Viruses, 2021, 13, 1572.	1.5	9
118	Adenosine Deaminases Acting on RNA (ADARs) and Viral Infections. Annual Review of Virology, 2021, 8, 239-264.	3.0	45
119	Hepatitis Delta Antigen. , 2006, , 38-51.		5
120	Whole-genome analysis of genetic recombination of hepatitis delta virus: molecular domain in delta antigen determining trans-activating efficiency. Journal of General Virology, 2015, 96, 3460-3469.	1.3	5
121	Hyperediting by ADAR1 of a new herpesvirus IncRNA during the lytic phase of the oncogenic Marek's disease virus. Journal of General Virology, 2016, 97, 2973-2988.	1.3	33
123	Adenosine Deaminase Acting on RNA-1 (ADAR1) Inhibits HIV-1 Replication in Human Alveolar Macrophages. PLoS ONE, 2014, 9, e108476.	1.1	19
124	Fluoxetine affects GluK2 editing, glutamate-evoked Ca ²⁺ influx and extracellular signal-regulated kinase phosphorylation in mouse astrocytes. Journal of Psychiatry and Neuroscience, 2011, 36, 322-338.	1.4	54
125	ADARs and the Balance Game between Virus Infection and Innate Immune Cell Response. Current Issues in Molecular Biology, 2015, , .	1.0	28
126	Hepatitis D virus infection, replication and cross-talk with the hepatitis B virus. World Journal of Gastroenterology, 2014, 20, 14589.	1.4	28
127	Innate immune recognition and modulation in hepatitis D virus infection. World Journal of Gastroenterology, 2020, 26, 2781-2791.	1.4	15
128	Molecular mechanisms of viral hepatitis induced hepatocellular carcinoma. World Journal of Gastroenterology, 2020, 26, 5759-5783.	1.4	128
129	Hepatitis delta virus: A fascinating and neglected pathogen. World Journal of Virology, 2015, 4, 313.	1.3	12
130	Ribonuclease L mediates the cell-lethal phenotype of double-stranded RNA editing enzyme ADAR1 deficiency in a human cell line. ELife, 2017, 6, .	2.8	121
133	In Vivo Interaction of the Hepatitis Delta Virus Small Antigen with the ELAV-Like Protein HuR. The Open Virology Journal, 2011, 5, 12-21.	1.8	2
134	Subversion of RNA Processing Pathways by the Hepatitis delta Virus. , 0, , .		0
135	Recent Developments in Hepatitis Delta Virus. , 2012, , 197-228.		0
138	Hepatitis D: challenges in the estimation of true prevalence and laboratory diagnosis. Gut Pathogens, 2021, 13, 66.	1.6	15
139	Hepatitis D. , 2020, , 287-298.		1

#	Article	IF	CITATIONS
141	When good turns bad: how viruses exploit innate immunity factors. Current Opinion in Virology, 2022, 52, 60-67.	2.6	7
143	Short â€~1.2× Genome' Infectious Clone Initiates Kolmiovirid Replication in Boa constrictor Cells. Viruses, 2022, 14, 107.	1.5	2

144 ĐĐ¾Đ»ÑŒ Đ"ĐĐš-ÑеĐ½ÑĐ¾Ñ€Đ¾Đ² Đ² Ñ€ĐµĐ⁰Đ¾Đ³Đ½Đ,цĐ,Đ, Đ;аÑ,Đ¾Đ³ĐµĐ½-аÑŇĐ¾Ñ†Đ,Đ,Ñ**€Đ%**4Đ²Đ°Đ½D½N≀Ñ

145	Inosine and its methyl derivatives: Occurrence, biogenesis, and function in RNA. Progress in Biophysics and Molecular Biology, 2022, 169-170, 21-52.	1.4	12
146	Dual isoform sequencing reveals complex transcriptomic and epitranscriptomic landscapes of a prototype baculovirus. Scientific Reports, 2022, 12, 1291.	1.6	3
147	Adaptive Immune Responses, Immune Escape and Immune-Mediated Pathogenesis during HDV Infection. Viruses, 2022, 14, 198.	1.5	9
148	Review article: emerging insights into the immunopathology, clinical and therapeutic aspects of hepatitis delta virus. Alimentary Pharmacology and Therapeutics, 2022, 55, 978-993.	1.9	9
150	Structure and Molecular Virology. , 0, , 569-582.		0
151	Future <scp>antiâ€HDV</scp> treatment strategies, including those aimed at <scp>HBV</scp> functional cure. Liver International, 2023, 43, 1157-1169.	1.9	2
152	Medical Advances in Hepatitis D Therapy: Molecular Targets. International Journal of Molecular Sciences, 2022, 23, 10817.	1.8	4
153	Hepatitis D virus: Improving virological knowledge to develop new treatments. Antiviral Research, 2023, 209, 105461.	1.9	11
154	Hepatitis B and Hepatitis D Viruses: A Comprehensive Update with an Immunological Focus. International Journal of Molecular Sciences, 2022, 23, 15973.	1.8	4
155	Hepatitis delta: Epidemiology to recent advances in therapeutic agents. Hepatology, 2023, 78, 1306-1321.	3.6	1
156	Potential usages of A-to-I RNA editing patterns as diagnostic biomarkers. American Journal of Physiology - Cell Physiology, 2023, 324, C837-C842.	2.1	1
157	Sequence diversity of hepatitis D virus in Mongolia. Frontiers in Medicine, 0, 10, .	1.2	2
158	Host-mediated RNA editing in viruses. Biology Direct, 2023, 18, .	1.9	3
159	Farnesoid X receptor alpha ligands inhibit HDV in vitro replication and virion infectivity. Hepatology Communications, 2023, 7, .	2.0	1
160	Hepatitis Delta Virus Antigens Trigger Oxidative Stress, Activate Antioxidant Nrf2/ARE Pathway, and Induce Unfolded Protein Response. Antioxidants, 2023, 12, 974.	2.2	2

ARTICLE

IF CITATIONS