

Zika virus noncoding sfRNAs sequester multiple host-d modulate mRNA decay and splicing during infection

Journal of Biological Chemistry

294, 16282-16296

DOI: [10.1074/jbc.ra119.009129](https://doi.org/10.1074/jbc.ra119.009129)

Citation Report

#	ARTICLE	IF	CITATIONS
1	A New Subclass of Exoribonuclease-Resistant RNA Found in Multiple Genera of <i>Flaviviridae</i> . <i>MBio</i> , 2020, 11, .	1.8	12
2	Deciphering flavivirus-host interactions using quantitative proteomics. <i>Current Opinion in Immunology</i> , 2020, 66, 90-97.	2.4	4
3	DDX56 Binds to Chikungunya Virus RNA To Control Infection. <i>MBio</i> , 2020, 11, .	1.8	15
4	Structures and Functions of the 5' Untranslated Regions of Positive-Sense Single-Stranded RNA Viruses Infecting Humans and Animals. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 453.	1.8	23
5	The RNA of Maize Chlorotic Mottle Virus, an Obligatory Component of Maize Lethal Necrosis Disease, Is Translated via a Variant Panicum Mosaic Virus-Like Cap-Independent Translation Element. <i>Journal of Virology</i> , 2020, 94, .	1.5	7
6	Zika Virus Subgenomic Flavivirus RNA Generation Requires Cooperativity between Duplicated RNA Structures That Are Essential for Productive Infection in Human Cells. <i>Journal of Virology</i> , 2020, 94, .	1.5	27
7	DEAD-Box Helicases: Sensors, Regulators, and Effectors for Antiviral Defense. <i>Viruses</i> , 2020, 12, 181.	1.5	79
8	Long non-coding RNAs in antiviral immunity. <i>Seminars in Cell and Developmental Biology</i> , 2021, 111, 126-134.	2.3	21
9	Emerging roles of non-coding RNAs in vector-borne infections. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	6
10	Fated for decay: RNA elements targeted by viral endonucleases. <i>Seminars in Cell and Developmental Biology</i> , 2021, 111, 119-125.	2.3	3
11	The importance of virion-incorporated cellular RNA-Binding Proteins in viral particle assembly and infectivity. <i>Seminars in Cell and Developmental Biology</i> , 2021, 111, 108-118.	2.3	13
12	Different tertiary interactions create the same important 3D features in a distinct flavivirus xrRNA. <i>Rna</i> , 2021, 27, 54-65.	1.6	27
13	Viral regulation of mRNA export with potentials for targeted therapy. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2021, 1864, 194655.	0.9	3
14	An epigenetic "extreme makeover"™: the methylation of flaviviral RNA (and beyond). <i>RNA Biology</i> , 2021, 18, 696-708.	1.5	7
15	Identification of host factors binding to dengue and Zika virus subgenomic RNA by efficient yeast three-hybrid screens of the human ORFeome. <i>RNA Biology</i> , 2021, 18, 732-744.	1.5	7
16	Cytopathicity and pathogenesis of Zika virus strains. , 2021, , 397-407.		0
17	Tricks and threats of RNA viruses " towards understanding the fate of viral RNA. <i>RNA Biology</i> , 2021, 18, 669-687.	1.5	12
20	Tetraspanins as Potential Therapeutic Candidates for Targeting Flaviviruses. <i>Frontiers in Immunology</i> , 2021, 12, 630571.	2.2	7

#	ARTICLE	IF	CITATIONS
21	Subgenomic flavivirus RNA (sfRNA) associated with Asian lineage Zika virus identified in three species of Ugandan bats (family Pteropodidae). <i>Scientific Reports</i> , 2021, 11, 8370.	1.6	4
22	The RNA binding protein Quaking represses splicing of the Fibronectin EDA exon and downregulates the interferon response. <i>Nucleic Acids Research</i> , 2021, 49, 10034-10045.	6.5	6
23	Cotranslational prolyl hydroxylation is essential for flavivirus biogenesis. <i>Nature</i> , 2021, 596, 558-564.	13.7	18
24	Long non-coding RNAs associated with infection and vaccine-induced immunity. <i>Essays in Biochemistry</i> , 2021, 65, 657-669.	2.1	5
25	Long noncoding RNAs: A potential target in sepsis-induced cellular disorder. <i>Experimental Cell Research</i> , 2021, 406, 112756.	1.2	16
28	Pathogenesis and virulence of flavivirus infections. <i>Virulence</i> , 2021, 12, 2814-2838.	1.8	31
29	Functional and Mechanistic Interplay of Host and Viral Alternative Splicing Regulation during Influenza Infection. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2019, 84, 123-131.	2.0	6
31	Review of -omics studies on mosquito-borne viruses of the Flavivirus genus. <i>Virus Research</i> , 2022, 307, 198610.	1.1	5
32	A plant-infecting subviral RNA associated with poleroviruses produces a subgenomic RNA which resists exonuclease XRN1 in vitro. <i>Virology</i> , 2022, 566, 1-8.	1.1	1
33	Transcriptomic analysis using dual RNA sequencing revealed a Pathogen-Host interaction after <i>Edwardsiella anguillarum</i> infection in European eel (<i>Anguilla anguilla</i>). <i>Fish and Shellfish Immunology</i> , 2022, 120, 745-757.	1.6	9
34	Host cytoskeletal vimentin serves as a structural organizer and an RNA-binding protein regulator to facilitate Zika viral replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	19
35	Roles of RNA-binding proteins in neurological disorders, COVID-19, and cancer. <i>Human Cell</i> , 2023, 36, 493-514.	1.2	2
36	RNA virus infections and their effect on host alternative splicing. <i>Antiviral Research</i> , 2023, 210, 105503.	1.9	3
37	All differential on the splicing front: Host alternative splicing alters the landscape of virus-host conflict. <i>Seminars in Cell and Developmental Biology</i> , 2023, 146, 40-56.	2.3	0
38	Membraneless Organelles and Condensates Orchestrate Innate Immunity Against Viruses. <i>Journal of Molecular Biology</i> , 2023, 435, 167976.	2.0	6
39	The anti-immune dengue subgenomic flaviviral RNA is present in vesicles in mosquito saliva and is associated with increased infectivity. <i>PLoS Pathogens</i> , 2023, 19, e1011224.	2.1	5
40	Shared Molecular Signatures Across Zika Virus Infection and Multiple Sclerosis Highlight AP-1 Transcription Factor as a Potential Player in Post-ZIKV MS-Like Phenotypes. <i>Molecular Neurobiology</i> , 0, ..	1.9	1