

APOBEC3A cytidine deaminase induces RNA editing in

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Citation Report

#	ARTICLE	IF	CITATIONS
1	APOBEC3 Interference during Replication of Viral Genomes. <i>Viruses</i> , 2015, 7, 2999-3018.	1.5	34
2	Epigenetic Modulators of Monocytic Function: Implication for Steady State and Disease in the CNS. <i>Frontiers in Immunology</i> , 2016, 6, 661.	2.2	5
3	Extensive RNA editing and splicing increase immune self-representation diversity in medullary thymic epithelial cells. <i>Genome Biology</i> , 2016, 17, 219.	3.8	67
4	A Single Nucleotide Polymorphism in Human APOBEC3C Enhances Restriction of Lentiviruses. <i>PLoS Pathogens</i> , 2016, 12, e1005865.	2.1	50
5	Chemical <sc>RNA</sc> Editing for Genetic Restoration: The Relationship between the Structure and Deamination Efficiency of Carboxyvinyldeoxyuridine Oligodeoxynucleotides. <i>Chemical Biology and Drug Design</i> , 2016, 87, 583-593.	1.5	5
6	The double-domain cytidine deaminase APOBEC3G is a cellular site-specific RNA editing enzyme. <i>Scientific Reports</i> , 2016, 6, 39100.	1.6	71
7	Structural and functional assessment of APOBEC3G macromolecular complexes. <i>Methods</i> , 2016, 107, 10-22.	1.9	12
8	Rapid and dynamic transcriptome regulation by RNA editing and RNA modifications. <i>Journal of Cell Biology</i> , 2016, 213, 15-22.	2.3	115
9	A chimeric human APOBEC3A protein with a three amino acid insertion confers differential HIV-1 and adeno-associated virus restriction. <i>Virology</i> , 2016, 498, 149-163.	1.1	2
10	Functions and Malfunctions of Mammalian DNA-Cytosine Deaminases. <i>Chemical Reviews</i> , 2016, 116, 12688-12710.	23.0	104
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12	RNA editing generates cellular subsets with diverse sequence within populations. <i>Nature Communications</i> , 2016, 7, 12145.	5.8	48
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15	Functional requirements of AID's higher order structures and their interaction with RNA-binding proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1545-54.	3.3	38
16	DNA Editing by APOBECs: A Genomic Preserver and Transformer. <i>Trends in Genetics</i> , 2016, 32, 16-28.	2.9	64
17	Variants of ubiquitin-specific peptidase 24 play a crucial role in lung cancer malignancy. <i>Oncogene</i> , 2016, 35, 3669-3680.	2.6	18
18	Transient overexpression of exogenous APOBEC3A causes C-to-U RNA editing of thousands of genes. <i>RNA Biology</i> , 2017, 14, 603-610.	1.5	63

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19	APOBEC1 complementation factor (A1CF) is dispensable for C-to-U RNA editing in vivo. <i>Rna</i> , 2017, 23, 457-465.	1.6	31
20	Crystal structure of APOBEC3A bound to single-stranded DNA reveals structural basis for cytidine deamination and specificity. <i>Nature Communications</i> , 2017, 8, 15024.	5.8	130
21	Mitochondrial complex II regulates a distinct oxygen sensing mechanism in monocytes. <i>Human Molecular Genetics</i> , 2017, 26, 1328-1339.	1.4	14
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24	Epitranscriptomic profiling across cell types reveals associations between APOBEC1-mediated RNA editing, gene expression outcomes, and cellular function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13296-13301.	3.3	33
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28	Enzyme cycling contributes to efficient induction of genome mutagenesis by the cytidine deaminase APOBEC3B. <i>Nucleic Acids Research</i> , 2017, 45, 11925-11940.	6.5	44
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36	Post-transcriptional regulation of LINE-1 retrotransposition by AID/APOBEC and ADAR deaminases. <i>Chromosome Research</i> , 2018, 26, 45-59.	1.0	26

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38	Understanding the regulation of APOBEC3 expression: Current evidence and much to learn. <i>Journal of Leukocyte Biology</i> , 2018, 103, 433-444.	1.5	30
39	Biochemical Basis of APOBEC3 Deoxycytidine Deaminase Activity on Diverse DNA Substrates. <i>ACS Infectious Diseases</i> , 2018, 4, 224-238.	1.8	38
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50	Modeling the Embrace of a Mutator: APOBEC Selection of Nucleic Acid Ligands. <i>Trends in Biochemical Sciences</i> , 2018, 43, 606-622.	3.7	54
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60	In vivo ways to unveil off-targets. <i>Cell Research</i> , 2019, 29, 339-340.	5.7	3
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162	APOBEC3A regulates transcription from interferon-stimulated response elements. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2011665119.	3.3	7
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186	Clinical relevance of RNA editing profiles in lung adenocarcinoma. <i>Frontiers in Genetics</i> , 0, 14, .	1.1	0
187	The efficacy and safety of SARS-CoV-2 vaccines mRNA1273 and BNT162b2 might be complicated by rampant C-to-U RNA editing. <i>Journal of Applied Genetics</i> , 2023, 64, 361-365.	1.0	0
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200	SARS-CoV-2 and innate immunity: the good, the bad, and the â€œgoldilocksâ€œ, 2024, 21, 171-183.		4