

Structural basis of N⁶-adenosine methylation by the MLL

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Citation Report

#	ARTICLE	IF	CITATIONS
1	m6A modulates neuronal functions and sex determination in Drosophila. Nature, 2016, 540, 242-247.	13.7	453
2	Chemical Proteomic Profiling of Human Methyltransferases. Journal of the American Chemical Society, 2016, 138, 13335-13343.	6.6	79
3	Structures of the m ⁶ A Methyltransferase Complex: Two Subunits with Distinct but Coordinated Roles. Molecular Cell, 2016, 63, 183-185.	4.5	40
4	Update: Mechanisms Underlying N ⁶ -Methyladenosine Modification of Eukaryotic mRNA. Trends in Genetics, 2016, 32, 763-773.	2.9	50
6	Human m ⁶ A writers: Two subunits, 2 roles. RNA Biology, 2017, 14, 300-304.	1.5	76
7	Epitranscriptomic regulation of viral replication. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 460-471.	0.9	17
8	Regulatory Role of N ⁶ -methyladenosine (m ⁶ A) Methylation in RNA Processing and Human Diseases. Journal of Cellular Biochemistry, 2017, 118, 2534-2543.	1.2	127
9	Viral Epitranscriptomics. Journal of Virology, 2017, 91, .	1.5	66
10	m ⁶ A in mRNA: An Ancient Mechanism for Fine-Tuning Gene Expression. Trends in Genetics, 2017, 33, 380-390.	2.9	338
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13	Readers, writers and erasers of N6-methylated adenosine modification. Current Opinion in Structural Biology, 2017, 47, 67-76.	2.6	82
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19	Decoding cyclase-dependent assembly of hapalindole and fischerindole alkaloids. Nature Chemical Biology, 2017, 13, 467-469.	3.9	40

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20	RNA m6A methylation regulates the ultraviolet-induced DNA damage response. <i>Nature</i> , 2017, 543, 573-576.	13.7	685
21	The Major Protein Arginine Methyltransferase in <i>Trypanosoma brucei</i> Functions as an Enzyme-Prozyme Complex. <i>Journal of Biological Chemistry</i> , 2017, 292, 2089-2100.	1.6	31
22	Chemical Modifications to RNA: A New Layer of Gene Expression Regulation. <i>ACS Chemical Biology</i> , 2017, 12, 316-325.	1.6	134
23	m6A Facilitates eIF4F-Independent mRNA Translation. <i>Molecular Cell</i> , 2017, 68, 504-514.e7.	4.5	197
24	N6-methyladenosine demethylase FTO targets pre-mRNAs and regulates alternative splicing and 3' end processing. <i>Nucleic Acids Research</i> , 2017, 45, 11356-11370.	6.5	337
25	Thiol-linked alkylation of RNA to assess expression dynamics. <i>Nature Methods</i> , 2017, 14, 1198-1204.	9.0	411
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39	S-Adenosylmethionine Synthesis Is Regulated by Selective N6-Adenosine Methylation and mRNA Degradation Involving METTL16 and YTHDC1. <i>Cell Reports</i> , 2017, 21, 3354-3363.	2.9	240
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54	YTH Domain: A Family of N 6 -methyladenosine (m 6 A) Readers. <i>Genomics, Proteomics and Bioinformatics</i> , 2018, 16, 99-107.	3.0	277
55	RNA epitranscriptomics: Regulation of infection of RNA and DNA viruses by <i>i>N</i><sup>6</sup>“methyladenosine (m<sup>6</sup>A). <i>Reviews in Medical Virology</i>, 2018, 28, e1983.</i>	3.9	66

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790	RNA N6-methyladenosine modifications in urological cancers: from mechanism to application. Nature Reviews Urology, 0, .	1.9	0