

Regulation of transposable elements by DNA modification

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Five months of voluntary wheel running downregulates skeletal muscle LINE-1 gene expression in rats. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C1313-C1323.	2.1	6
2	The catalytic core of DEMETER guides active DNA demethylation in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17563-17571.	3.3	23
3	Capture of a functionally active methyl-CpG binding domain by an arthropod retrotransposon family. <i>Genome Research</i> , 2019, 29, 1277-1286.	2.4	19
4	Depletion of KNL2 Results in Altered Expression of Genes Involved in Regulation of the Cell Cycle, Transcription, and Development in <i>Arabidopsis</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 5726.	1.8	6
5	Conversion of DNA Sequences: From a Transposable Element to a Tandem Repeat or to a Gene. <i>Genes</i> , 2019, 10, 1014.	1.0	25
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7	Recent advances in the detection of base modifications using the Nanopore sequencer. <i>Journal of Human Genetics</i> , 2020, 65, 25-33.	1.1	97
8	Evolution of DNA Methylome Diversity in Eukaryotes. <i>Journal of Molecular Biology</i> , 2020, 432, 1687-1705.	2.0	82
9	Early life lessons: The lasting effects of germline epigenetic information on organismal development. <i>Molecular Metabolism</i> , 2020, 38, 100924.	3.0	22
10	DNA demethylase ROS1 prevents inheritable DREB1A/CBF3 repression by transgene-induced promoter methylation in the <i>Arabidopsis</i> ice1-1 mutant. <i>Plant Molecular Biology</i> , 2020, 104, 575-582.	2.0	7
11	Endogenous retroviruses drive KRAB zinc-finger protein family expression for tumor suppression. <i>Science Advances</i> , 2020, 6, .	4.7	36
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14	Double-edged sword: The evolutionary consequences of the epigenetic silencing of transposable elements. <i>PLoS Genetics</i> , 2020, 16, e1008872.	1.5	80
15	Sexually dimorphic DNA damage responses and mutation avoidance in the mouse germline. <i>Genes and Development</i> , 2020, 34, 1637-1649.	2.7	8
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17	Evolutionary and functional genomics of DNA methylation in maize domestication and improvement. <i>Nature Communications</i> , 2020, 11, 5539.	5.8	59
18	The Sophisticated Transcriptional Response Governed by Transposable Elements in Human Health and Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3201.	1.8	8

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20	Transposable elements as a potent source of diverse cis-regulatory sequences in mammalian genomes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190347.	1.8	141
21	Small circRNAs with self-cleaving ribozymes are highly expressed in diverse metazoan transcriptomes. <i>Nucleic Acids Research</i> , 2020, 48, 5054-5064.	6.5	20
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225	The RNA m6A landscape of mouse oocytes and preimplantation embryos. <i>Nature Structural and Molecular Biology</i> , 2023, 30, 703-709.	3.6	5
268	Reading banned regions of genomes. <i>Nature Plants</i> , 2024, 10, 7-8.	4.7	0
273	Transposable Elements: Emerging Therapeutic Targets in Neurodegenerative Diseases. <i>Neurotoxicity Research</i> , 2024, 42, .	1.3	0