

Structural Basis for the Specificity of Human NUDT16 a Monophosphate

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Nudix hydrolases degrade protein-conjugated ADP-ribose. <i>Scientific Reports</i> , 2016, 5, 18271.	1.6	55
2	The druggability of intracellular nucleotide-degrading enzymes. <i>Cancer Chemotherapy and Pharmacology</i> , 2016, 77, 883-893.	1.1	16
3	The evolution of function within the Nudix homology clan. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017, 85, 775-811.	1.5	53
4	NUDT expression is predictive of prognosis in patients with clear cell renal cell carcinoma. <i>Oncology Letters</i> , 2017, 14, 6121-6128.	0.8	10
5	Hydrolytic activity of human Nudt16 enzyme on dinucleotide cap analogs and short capped oligonucleotides. <i>Rna</i> , 2018, 24, 633-642.	1.6	16
6	Mechanism of 53BP1 activity regulation by RNA-binding TIRR and a designer protein. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 591-600.	3.6	32
7	Molecular basis for the inhibition of the methyl-lysine binding function of 53BP1 by TIRR. <i>Nature Communications</i> , 2018, 9, 2689.	5.8	17
8	Structural analyses of NudT16-ADP-ribose complexes direct rational design of mutants with improved processing of poly(ADP-ribosyl)ated proteins. <i>Scientific Reports</i> , 2019, 9, 5940.	1.6	15
9	The complex enzymology of mRNA decapping: Enzymes of four classes cleave pyrophosphate bonds. <i>Wiley Interdisciplinary Reviews RNA</i> , 2019, 10, e1511.	3.2	31
10	In silico Druggability Assessment of the NUDIX Hydrolase Protein Family as a Workflow for Target Prioritization. <i>Frontiers in Chemistry</i> , 2020, 8, 443.	1.8	16
11	Mammalian Nudix proteins cleave nucleotide metabolite caps on RNAs. <i>Nucleic Acids Research</i> , 2020, 48, 6788-6798.	6.5	46
12	Fluorescent probe displacement assays reveal unique nucleic acid binding properties of human nudix enzymes. <i>Analytical Biochemistry</i> , 2020, 595, 113622.	1.1	6
13	Structural insights into dpCoA-RNA decapping by NudC. <i>RNA Biology</i> , 2021, 18, 244-253.	1.5	10
14	Insight into the Binding and Hydrolytic Preferences of hNudt16 Based on Nucleotide Diphosphate Substrates. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10929.	1.8	6
15	Locus-Conserved Circular RNA cZNF292 Controls Endothelial Cell Flow Responses. <i>Circulation Research</i> , 2022, 130, 67-79.	2.0	23
16	Polyglutamine Expansion in Huntingtin and Mechanism of DNA Damage Repair Defects in Huntington's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 837576.	1.8	11
19	Recent insights into noncanonical 5' capping and decapping of RNA. <i>Journal of Biological Chemistry</i> , 2022, 298, 102171.	1.6	10
20	A rust fungus Nudix hydrolase effector decaps mRNA and interferes with plant immune pathways. <i>New Phytologist</i> , 2023, 239, 222-239.	3.5	5

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