

CITATION REPORT

List of articles citing

Coordinate 5' and 3' endonucleolytic trimming of terminally blocked blunt DNA double-strand break ends by Artemis nuclease and DNA-dependent protein kinase

DOI: 10.1093/nar/gkn205

Nucleic Acids Research, 2008, 36, 3354-65.

Source: <https://exaly.com/paper-pdf/44650981/citation-report.pdf>

Version: 2024-04-28

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#	Paper	IF	Citations
60	DNA-PK: the means to justify the ends?. <i>Advances in Immunology</i> , 2008 , 99, 33-58	5.6	185
59	Involvement of Artemis in nonhomologous end-joining during immunoglobulin class switch recombination. <i>Journal of Experimental Medicine</i> , 2008 , 205, 3031-40	16.6	36
58	Repair of ionizing radiation-induced DNA double-strand breaks by non-homologous end-joining. <i>Biochemical Journal</i> , 2009 , 417, 639-50	3.8	519
57	Mechanism of DNA substrate recognition by the mammalian DNA repair enzyme, Polynucleotide Kinase. <i>Nucleic Acids Research</i> , 2009 , 37, 6161-73	20.1	43
56	ARTEMIS nuclease facilitates apoptotic chromatin cleavage. <i>Cancer Research</i> , 2009 , 69, 8120-6	10.1	13
55	Rearrangements of the MLL gene are influenced by DNA secondary structure, potentially mediated by topoisomerase II binding. <i>Genes Chromosomes and Cancer</i> , 2009 , 48, 806-15	5	28
54	The Ku80 carboxy terminus stimulates joining and artemis-mediated processing of DNA ends. <i>Molecular and Cellular Biology</i> , 2009 , 29, 1134-42	4.8	53
53	The mechanism of double-strand DNA break repair by the nonhomologous DNA end-joining pathway. <i>Annual Review of Biochemistry</i> , 2010 , 79, 181-211	29.1	1875
52	DNA-PKcs regulates a single-stranded DNA endonuclease activity of Artemis. <i>DNA Repair</i> , 2010 , 9, 429-37	3.3	45
51	Purification and characterization of exonuclease-free Artemis: Implications for DNA-PK-dependent processing of DNA termini in NHEJ-catalyzed DSB repair. <i>DNA Repair</i> , 2010 , 9, 670-7	4.3	28
50	The MRN complex in double-strand break repair and telomere maintenance. <i>FEBS Letters</i> , 2010 , 584, 3682-95	3.8	274
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48	The telomeric protein SNM1B/Apollo is required for normal cell proliferation and embryonic development. <i>Aging Cell</i> , 2010 , 9, 1047-56	9.9	15
47	Functions and regulation of Artemis: a goddess in the maintenance of genome integrity. <i>Journal of Radiation Research</i> , 2010 , 51, 503-9	2.4	26
46	Nonhomologous DNA end joining in cell-free extracts. <i>Journal of Nucleic Acids</i> , 2010 , 2010,	2.3	20
45	The multifunctional SNM1 gene family: not just nucleases. <i>Future Oncology</i> , 2010 , 6, 1015-29	3.6	31
44	The DNA-dependent protein kinase (DNA-PK): More than just a case of making ends meet?. <i>Cell Cycle</i> , 2010 , 9, 3460-9	4.7	73

43	Patching and single-strand ligation in nonhomologous DNA end joining despite persistence of a closely opposed 3'Sphosphoglycolate-terminated strand break. <i>Radiation Research</i> , 2010 , 174, 274-9	3.1	2
42	Mechanisms that promote and suppress chromosomal translocations in lymphocytes. <i>Annual Review of Immunology</i> , 2011 , 29, 319-50	34.7	123
41	Induction and repair of DNA double strand breaks: the increasing spectrum of non-homologous end joining pathways. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011 , 711, 61-72	3.3	293
40	Nucleosome resection at a double-strand break during Non-Homologous Ends Joining in mammalian cells - implications from repressive chromatin organization and the role of ARTEMIS. <i>BMC Research Notes</i> , 2011 , 4, 13	2.3	8
39	Coordination of DNA-PK activation and nuclease processing of DNA termini in NHEJ. <i>Antioxidants and Redox Signaling</i> , 2011 , 14, 2531-43	8.4	25
38	A hypomorphic Artemis human disease allele causes aberrant chromosomal rearrangements and tumorigenesis. <i>Human Molecular Genetics</i> , 2011 , 20, 806-19	5.6	24
37	Restoration of G1 chemo/radioresistance and double-strand-break repair proficiency by wild-type but not endonuclease-deficient Artemis. <i>Nucleic Acids Research</i> , 2011 , 39, 6500-10	20.1	17
36	Threonine 2609 phosphorylation of the DNA-dependent protein kinase is a critical prerequisite for epidermal growth factor receptor-mediated radiation resistance. <i>Molecular Cancer Research</i> , 2012 , 10, 1359-68	6.6	31
35	Resolution of complex ends by Nonhomologous end joining - better to be lucky than good?. <i>Genome Integrity</i> , 2012 , 3, 10	0.8	11
34	Recognition, signaling, and repair of DNA double-strand breaks produced by ionizing radiation in mammalian cells: the molecular choreography. <i>Mutation Research - Reviews in Mutation Research</i> , 2012 , 751, 158-246	7	252
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30	Trimming of damaged 3'Soverhangs of DNA double-strand breaks by the Metnase and Artemis endonucleases. <i>DNA Repair</i> , 2013 , 12, 422-32	4.3	18
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20	End-processing nucleases and phosphodiesterases: An elite supporting cast for the non-homologous end joining pathway of DNA double-strand break repair. <i>DNA Repair</i> , 2016 , 43, 57-68	4.3	42
19	Nonhomologous end joining of complex DNA double-strand breaks with proximal thymine glycol and interplay with base excision repair. <i>DNA Repair</i> , 2016 , 41, 16-26	4.3	7
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16	Preserving salivary gland physiology against genotoxic damage - the Touseled way. <i>Oral Diseases</i> , 2018 , 24, 1390-1398	3.5	8
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14	Pre-clinical Profile and Expectations for Pharmacological ATM Inhibition. <i>Cancer Drug Discovery and Development</i> , 2018 , 155-183	0.3	
13	Induction Of XLF And 53BP1 Expression Is Associated With Temozolomide Resistance In Glioblastoma Cells. <i>OncoTargets and Therapy</i> , 2019 , 12, 10139-10151	4.4	4
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11	Activation of DNA-PK by hairpinned DNA ends reveals a stepwise mechanism of kinase activation. <i>Nucleic Acids Research</i> , 2020 , 48, 9098-9108	20.1	9
10	"An End to a Means": How DNA-End Structure Shapes the Double-Strand Break Repair Process. <i>Frontiers in Molecular Biosciences</i> , 2019 , 6, 153	5.6	7
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7	Aging and Protein Kinases. <i>Advances in Experimental Medicine and Biology</i> , 2021 , 1275, 35-69	3.6	
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3	Autophosphorylation transforms DNA-PK from protecting to processing DNA ends.. <i>Molecular Cell</i> , 2021 ,	17.6	4
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