CITATION REPORT List of articles citing

The kis and kid genes of the parD maintenance system of plasmid R1 form an operon that is autoregulated at the level of transcription by the co-ordinated action of the Kis and Kid proteins

DOI: 10.1111/j.1365-2958.1991.tb01977.x Molecular Microbiology, 1991, 5, 2685-93.

Source: https://exaly.com/paper-pdf/22488194/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
72	Translational coupling and limited degradation of a polycistronic messenger modulate differential gene expression in the parD stability system of plasmid R1. <i>Molecular Genetics and Genomics</i> , 1995 , 248, 599-609		31
71	A mutation that decreases the efficiency of plasmid R1 replication leads to the activation of parD, a killer stability system of the plasmid. <i>FEMS Microbiology Letters</i> , 1995 , 130, 129-35	2.9	18
70	Transcription of repA, the gene of the initiation protein of the Pseudomonas plasmid pPS10, is autoregulated by interactions of the RepA protein at a symmetrical operator. <i>Journal of Molecular Biology</i> , 1995 , 247, 211-23	6.5	27
69	Kid, a small protein of the parD stability system of plasmid R1, is an inhibitor of DNA replication acting at the initiation of DNA synthesis. <i>Journal of Molecular Biology</i> , 1995 , 247, 568-577	6.5	45
68	Autoregulation of the plasmid addiction operon of bacteriophage P1. <i>Journal of Biological Chemistry</i> , 1996 , 271, 18705-10	5.4	65
67	The poison-antidote stability system of the broad-host-range Thiobacillus ferrooxidans plasmid pTF-FC2. <i>Molecular Microbiology</i> , 1997 , 26, 961-70	4.1	44
66	Proteic toxin-antitoxin, bacterial plasmid addiction systems and their evolution with special reference to the pas system of pTF-FC2. <i>FEMS Microbiology Letters</i> , 1999 , 176, 269-77	2.9	39
65	Addiction modules and programmed cell death and antideath in bacterial cultures. <i>Annual Review of Microbiology</i> , 1999 , 53, 43-70	17.5	316
64	Toxin-antitoxin modules may regulate synthesis of macromolecules during nutritional stress. <i>Journal of Bacteriology</i> , 2000 , 182, 561-72	3.5	245
63	The ratio between CcdA and CcdB modulates the transcriptional repression of the ccd poison-antidote system. <i>Molecular Microbiology</i> , 2001 , 41, 73-82	4.1	118
62	The regulation of the Escherichia coli mazEF promoter involves an unusual alternating palindrome. Journal of Biological Chemistry, 2001 , 276, 5975-84	5.4	110
61	The Subcellular Entities a.k.a. Plasmids. 507-560		1
60	Plasmid Biology 2002 Meeting Abstracts. <i>Plasmid</i> , 2002 , 48, 232-302	3.3	
59	Structural and functional analysis of the kid toxin protein from E. coli plasmid R1. <i>Structure</i> , 2002 , 10, 1425-33	5.2	72
58	Genetic identification of two functional regions in the antitoxin of the parD killer system of plasmid R1. <i>FEMS Microbiology Letters</i> , 2002 , 206, 115-9	2.9	29
57	Regulatable killing of eukaryotic cells by the prokaryotic proteins Kid and Kis. <i>EMBO Journal</i> , 2003 , 22, 246-51	13	55
56	Non-cytotoxic variants of the Kid protein that retain their auto-regulatory activity. <i>Plasmid</i> , 2003 , 50, 120-30	3.3	13

(2007-2003)

55	Death % toolbox: examining the molecular components of bacterial programmed cell death. <i>Molecular Microbiology</i> , 2003 , 50, 729-38	4.1	127
54	Crystal structure of the intrinsically flexible addiction antidote MazE. <i>Journal of Biological Chemistry</i> , 2003 , 278, 28252-7	5.4	99
53	Identification of residues of the kid toxin involved in autoregulation of the parD system. <i>Journal of Bacteriology</i> , 2004 , 186, 240-3	3.5	12
52	Interference of mRNA function by sequence-specific endoribonuclease PemK. <i>Journal of Biological Chemistry</i> , 2004 , 279, 20678-84	5.4	108
51	The Bacillus subtilis ydcDE operon encodes an endoribonuclease of the MazF/PemK family and its inhibitor. <i>Molecular Microbiology</i> , 2005 , 56, 1139-48	4.1	64
50	Kid cleaves specific mRNAs at UUACU sites to rescue the copy number of plasmid R1. <i>EMBO Journal</i> , 2005 , 24, 3459-69	13	42
49	RNase/anti-RNase activities of the bacterial parD toxin-antitoxin system. <i>Journal of Bacteriology</i> , 2005 , 187, 3151-7	3.5	43
48	Percolation of the phd repressor-operator interface. <i>Journal of Bacteriology</i> , 2005 , 187, 1901-12	3.5	12
47	Development without germ cells: the role of the germ line in zebrafish sex differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4074-9	11.5	238
46	Toxin-antitoxin regulation: bimodal interaction of YefM-YoeB with paired DNA palindromes exerts transcriptional autorepression. <i>Nucleic Acids Research</i> , 2007 , 35, 325-39	20.1	63
45	Model for RNA binding and the catalytic site of the RNase Kid of the bacterial parD toxin-antitoxin system. <i>Journal of Molecular Biology</i> , 2006 , 357, 115-26	6.5	47
44	Transcription regulatory circuits in bacterial plasmids. <i>Biochemical Society Transactions</i> , 2006 , 34, 1072-4	15.1	15
43	The chromosomal relBE2 toxin-antitoxin locus of Streptococcus pneumoniae: characterization and use of a bioluminescence resonance energy transfer assay to detect toxin-antitoxin interaction. <i>Molecular Microbiology</i> , 2006 , 59, 1280-96	4.1	45
42	Shutdown decay of mRNA. <i>Molecular Microbiology</i> , 2006 , 61, 573-83	4.1	58
41	Molecules involved in the modulation of rapid cell death in Xanthomonas. <i>Journal of Bacteriology</i> , 2006 , 188, 5408-16	3.5	15
40	Structure and function of bacterial kid-kis and related toxin-antitoxin systems. <i>Protein and Peptide Letters</i> , 2007 , 14, 113-24	1.9	28
39	Interactions of Kid-Kis toxin-antitoxin complexes with the parD operator-promoter region of plasmid R1 are piloted by the Kis antitoxin and tuned by the stoichiometry of Kid-Kis oligomers. <i>Nucleic Acids Research</i> , 2007 , 35, 1737-49	20.1	49
38	Conditional targeted cell ablation in zebrafish: a new tool for regeneration studies. <i>Developmental Dynamics</i> , 2007 , 236, 1025-35	2.9	362

37	Interactions between the toxin Kid of the bacterial parD system and the antitoxins Kis and MazE. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007 , 67, 219-31	4.2	29
36	The solution structure of ParD, the antidote of the ParDE toxin antitoxin module, provides the structural basis for DNA and toxin binding. <i>Protein Science</i> , 2007 , 16, 1676-88	6.3	57
35	Maintenance forced by a restriction-modification system can be modulated by a region in its modification enzyme not essential for methyltransferase activity. <i>Journal of Bacteriology</i> , 2008 , 190, 2039-49	3.5	19
34	A mutagenic analysis of the RNase mechanism of the bacterial Kid toxin by mass spectrometry. <i>FEBS Journal</i> , 2009 , 276, 4973-86	5.7	12
33	A toxin-antitoxin system promotes the maintenance of an integrative conjugative element. <i>PLoS Genetics</i> , 2009 , 5, e1000439	6	160
32	mRNA interferases, sequence-specific endoribonucleases from the toxin-antitoxin systems. <i>Progress in Molecular Biology and Translational Science</i> , 2009 , 85, 467-500	4	106
31	parD toxin-antitoxin system of plasmid R1basic contributions, biotechnological applications and relationships with closely-related toxin-antitoxin systems. <i>FEBS Journal</i> , 2010 , 277, 3097-117	5.7	27
30	Functional characterization of replication and stability factors of an incompatibility group P-1 plasmid from Xylella fastidiosa. <i>Applied and Environmental Microbiology</i> , 2010 , 76, 7734-40	4.8	12
29	Genetic regulation of the yefM-yoeB toxin-antitoxin locus of Streptococcus pneumoniae. <i>Journal of Bacteriology</i> , 2011 , 193, 4612-25	3.5	39
28	Xylella fastidiosa plasmid-encoded PemK toxin is an endoribonuclease. <i>Phytopathology</i> , 2012 , 102, 32-	40 3.8	18
27	Novel broad-host-range vehicles for cloning and shuffling of gene cassettes. <i>Journal of Microbiological Methods</i> , 2012 , 88, 53-62	2.8	12
26	Bacterial toxin-antitoxin systems and perspectives for their application in medicine. <i>Applied Biochemistry and Microbiology</i> , 2013 , 49, 535-541	1.1	2
25	Cleavage of the antitoxin of the parD toxin-antitoxin system is determined by the ClpAP protease and is modulated by the relative ratio of the toxin and the antitoxin. <i>Plasmid</i> , 2013 , 70, 78-85	3.3	26
24	Type II Toxin-Antitoxin Loci Encoded by Plasmids. 2013 , 267-294		1
23	Type II Toxin-Antitoxin Loci: The phd/doc Family. 2013 , 157-176		1
22	Type II Toxin-Antitoxin Loci: The mazEF Family. 2013 , 107-136		1
21	Prokaryotic Toxin-Antitoxins. 2013 ,		12
20	Regulating toxin-antitoxin expression: controlled detonation of intracellular molecular timebombs. <i>Toxins</i> , 2014 , 6, 337-58	4.9	60

19	Toxin-antitoxin systems mqsR/ygiT and dinJ/relE of Xylella fastidiosa. <i>Physiological and Molecular Plant Pathology</i> , 2014 , 87, 59-68	2.6	20
18	Disorder- and dynamics-based regulatory mechanisms in toxin-antitoxin modules. <i>Chemical Reviews</i> , 2014 , 114, 6933-47	68.1	58
17	Conditional Activation of Toxin-Antitoxin Systems: Postsegregational Killing and Beyond. <i>Microbiology Spectrum</i> , 2014 , 2,	8.9	26
16	Coupling between the basic replicon and the Kis-Kid maintenance system of plasmid R1: modulation by Kis antitoxin levels and involvement in control of plasmid replication. <i>Toxins</i> , 2015 , 7, 47	8 ⁴ 92	9
15	Transcriptional Control of ToxinAntitoxin Expression: Keeping Toxins Under Wraps Until the Time is Right. 2016 , 463-472		1
14	Toxins of Prokaryotic Toxin-Antitoxin Systems with Sequence-Specific Endoribonuclease Activity. <i>Toxins</i> , 2017 , 9,	4.9	37
13	Molecular and Genetic Characteristics of Cell Death in Prokaryotes. <i>Molecular Genetics, Microbiology and Virology</i> , 2018 , 33, 73-83	0.4	3
12	Type II Toxin-Antitoxin Systems: Evolution and Revolutions. <i>Journal of Bacteriology</i> , 2020 , 202,	3.5	86
11	Functional characterization of Kid-Kis and MazF-MazE in Sf9 cells and Mythimna separata embryos. <i>Pesticide Biochemistry and Physiology</i> , 2021 , 174, 104814	4.9	
10	Conditionally lethal genes associated with bacterial plasmids. <i>Microbiology (United Kingdom)</i> , 1997 , 143 (Pt 11), 3403-3416	2.9	38
9	Bacterial Toxin-Antitoxin Systems as Targets for the Development of Novel Antibiotics. 313-329		9
8	Evolution and Population Genetics of Bacterial Plasmids. 507-528		14
7	Genetic Addiction: a Principle of Gene Symbiosis in a Genome. 105-144		15
6	Conditional Activation of Toxin-Antitoxin Systems: Postsegregational Killing and Beyond. 175-192		2
5	Plasmid RK2 toxin protein ParE: purification and interaction with the ParD antitoxin protein. Journal of Bacteriology, 1996 , 178, 1420-9	3.5	70
4	Efficiency of the pTF-FC2 pas poison-antidote stability system in Escherichia coli is affected by the host strain, and antidote degradation requires the lon protease. <i>Journal of Bacteriology</i> , 1998 , 180, 545	18 ³ 6 ⁵ 2	23
3	Autoregulation of the pTF-FC2 proteic poison-antidote plasmid addiction system (pas) is essential for plasmid stabilization. <i>Journal of Bacteriology</i> , 1998 , 180, 5463-5	3.5	18
2	Corepression of the P1 addiction operon by Phd and Doc. <i>Journal of Bacteriology</i> , 1998 , 180, 6342-51	3.5	88

A common origin for the bacterial toxin-antitoxin systems parD and ccd, suggested by analyses of toxin/target and toxin/antitoxin interactions. *PLoS ONE*, **2012**, 7, e46499

3.7 17