

ARNold: A web tool for the prediction of Rho-independence

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Premature terminator analysis sheds light on a hidden world of bacterial transcriptional attenuation. <i>Genome Biology</i> , 2010, 11, R97.	13.9	29
2	Identification of the genes involved in 1-deoxynojirimycin synthesis in <i>Bacillus subtilis</i> MORI 3K-85. <i>Journal of Microbiology</i> , 2011, 49, 431-440.	1.3	35
3	Genome Sequence of the Broad-Host-Range <i>Pseudomonas</i> Phage ϕ -S1. <i>Journal of Virology</i> , 2012, 86, 10239-10239.	1.5	11
4	Bacteriophage cocktail significantly reduces <i>Escherichia coli</i> O157. <i>Bacteriophage</i> , 2012, 2, 178-185.	1.9	118
5	Transcriptomic profiling of the oyster pathogen <i>Vibrio splendidus</i> opens a window on the evolutionary dynamics of the small RNA repertoire in the <i>Vibrio</i> genus. <i>Rna</i> , 2012, 18, 2201-2219.	1.6	53
6	Pyrosequencing-based analysis reveals a novel capsular gene cluster in a KPC-producing <i>Klebsiella pneumoniae</i> clinical isolate identified in Brazil. <i>BMC Microbiology</i> , 2012, 12, 173.	1.3	25
7	Selection-Driven Extinction Dynamics for Group II Introns in Enterobacteriales. <i>PLoS ONE</i> , 2012, 7, e52268.	1.1	17
8	Phylogenomic Network and Comparative Genomics Reveal a Diverged Member of the ϕ -KZ-Related Group, Marine <i>Vibrio</i> Phage ϕ -JM-2012. <i>Journal of Virology</i> , 2013, 87, 12866-12878.	1.5	38
9	Garvicin A, a Novel Class IId Bacteriocin from <i>Lactococcus garvieae</i> That Inhibits Septum Formation in <i>L. garvieae</i> Strains. <i>Applied and Environmental Microbiology</i> , 2013, 79, 4336-4346.	1.4	51
10	Complete Genome Sequence of the Broad-Host-Range <i>Paenibacillus</i> larvae Phage ϕ ILBB_P123. <i>Genome Announcements</i> , 2013, 1, .	0.8	25
11	Diversity of Cobalamin Riboswitches in the Corrinoid-Producing Organohalide Respirer <i>Desulfitobacterium hafniense</i> . <i>Journal of Bacteriology</i> , 2013, 195, 5186-5195.	1.0	23
12	Enterococcal Rgg-Like Regulator ElrR Activates Expression of the <i>elrA</i> Operon. <i>Journal of Bacteriology</i> , 2013, 195, 3073-3083.	1.0	13
13	Using RNA inverse folding to identify IRES-like structural subdomains. <i>RNA Biology</i> , 2013, 10, 1842-1852.	1.5	20
14	Functional analysis of the acetic acid resistance (<i>aar</i>) gene cluster in <i>Acetobacter aceti</i> strain 1023. <i>Acetic Acid Bacteria</i> , 2013, 2, 3.	1.0	11
15	Complete Genome Sequence of the <i>Pseudomonas aeruginosa</i> Bacteriophage ϕ ILBB-PAA2. <i>Genome Announcements</i> , 2014, 2, .	0.8	7
16	<i>Wolbachia</i> small noncoding RNAs and their role in cross-kingdom communications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 18721-18726.	3.3	82
17	Insights into organohalide respiration and the versatile catabolism of <i>Sulfurospirillum multivorans</i> gained from comparative genomics and physiological studies. <i>Environmental Microbiology</i> , 2014, 16, 3562-3580.	1.8	76
18	Actinomycetes biosynthetic potential: how to bridge in silico and in vivo?. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014, 41, 387-402.	1.4	63

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19	Comparative analysis of the complete genome of KPC-2-producing <i>Klebsiella pneumoniae</i> Kp13 reveals remarkable genome plasticity and a wide repertoire of virulence and resistance mechanisms. <i>BMC Genomics</i> , 2014, 15, 54.	1.2	109
20	The transcriptome landscape of <i>Prochlorococcus</i> MED4 and the factors for stabilizing the core genome. <i>BMC Microbiology</i> , 2014, 14, 11.	1.3	6
21	Molecular Characterization of Three <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> Phages. <i>Applied and Environmental Microbiology</i> , 2014, 80, 5623-5635.	1.4	23
22	Isolation and characterization of a new <i>Staphylococcus epidermidis</i> broad-spectrum bacteriophage. <i>Journal of General Virology</i> , 2014, 95, 506-515.	1.3	59
23	Characterization of <i>Staphylococcus epidermidis</i> phage vB_SepS_SEP9 “ a unique member of the Siphoviridae family. <i>Research in Microbiology</i> , 2014, 165, 679-685.	1.0	21
24	Alternative nitrogenase and pseudogenes: unique features of the <i>Paenibacillus riograndensis</i> nitrogen fixation system. <i>Research in Microbiology</i> , 2014, 165, 571-580.	1.0	24
25	Opposite nucleotide usage biases in different parts of the <i>Corynebacterium diphtheriae</i> spaC gene. <i>International Journal of Bioinformatics Research and Applications</i> , 2015, 11, 347.	0.1	4
26	Identification of a gene cluster responsible for hydrogen evolution in <i>Vibrio tritonius</i> strain AM2 with transcriptional analyses. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 9137-9146.	3.8	7
27	Analysis of the <i>Bacillus cereus</i> SpoII _S antitoxin-toxin system reveals its three-component nature. <i>Frontiers in Microbiology</i> , 2015, 6, 808.	1.5	7
28	Complete Genomic and Lysis-Cassette Characterization of the Novel Phage, KBNP1315, which Infects Avian Pathogenic <i>Escherichia coli</i> (APEC). <i>PLoS ONE</i> , 2015, 10, e0142504.	1.1	16
29	Annotating RNA motifs in sequences and alignments. <i>Nucleic Acids Research</i> , 2015, 43, 691-698.	6.5	21
30	Transcriptome analysis of thermophilic methylotrophic <i>Bacillus methanolicus</i> MGA3 using RNA-sequencing provides detailed insights into its previously uncharted transcriptional landscape. <i>BMC Genomics</i> , 2015, 16, 73.	1.2	49
31	Two Phages, phiPLA-RODI and phiPLA-C1C, Lyse Mono- and Dual-Species <i>Staphylococcal</i> Biofilms. <i>Applied and Environmental Microbiology</i> , 2015, 81, 3336-3348.	1.4	124
32	Quantitative characterization of gene regulation by Rho dependent transcription termination. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015, 1849, 940-954.	0.9	7
33	Identification of an antibacterial protein by functional screening of a human oral metagenomic library. <i>FEMS Microbiology Letters</i> , 2015, 362, fnv142.	0.7	5
34	Complete Genome Sequence of <i>Pseudomonas aeruginosa</i> Phage vB_PaeM_CEB_DP1. <i>Genome Announcements</i> , 2015, 3, .	0.8	6
35	Contribution of the non-effector members of the HrpL regulon, <i>iaaL</i> and <i>matE</i> , to the virulence of <i>Pseudomonas syringae</i> pv. <i>tomato</i> DC3000 in tomato plants. <i>BMC Microbiology</i> , 2015, 15, 165.	1.3	29
36	Intrinsic terminators in <i>Mycoplasma hyopneumoniae</i> transcription. <i>BMC Genomics</i> , 2015, 16, 273.	1.2	12

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38	Development of a Phage Cocktail to Control <i>Proteus mirabilis</i> Catheter-associated Urinary Tract Infections. <i>Frontiers in Microbiology</i> , 2016, 7, 1024.	1.5	100
39	A Highly Thermostable Kanamycin Resistance Marker Expands the Tool Kit for Genetic Manipulation of <i>Caldicellulosiruptor bescii</i> . <i>Applied and Environmental Microbiology</i> , 2016, 82, 4421-4428.	1.4	41
40	Purification and genetic characterization of gassericin E, a novel co-culture inducible bacteriocin from <i>Lactobacillus gasseri</i> EV1461 isolated from the vagina of a healthy woman. <i>BMC Microbiology</i> , 2016, 16, 37.	1.3	81
41	Genome-wide transcription start site mapping of <i>Bradyrhizobium japonicum</i> grown free-living or in symbiosis – a rich resource to identify new transcripts, proteins and to study gene regulation. <i>BMC Genomics</i> , 2016, 17, 302.	1.2	70
42	Rapid construction of a whole-genome transposon insertion collection for <i>Shewanella oneidensis</i> by Knockout Sudoku. <i>Nature Communications</i> , 2016, 7, 13270.	5.8	54
43	A proposed integrated approach for the preclinical evaluation of phage therapy in <i>Pseudomonas</i> infections. <i>Scientific Reports</i> , 2016, 6, 28115.	1.6	86
44	Rapid Verification of Terminators Using the pGR-Blue Plasmid and Golden Gate Assembly. <i>Journal of Visualized Experiments</i> , 2016, .	0.2	3
45	Genome Sequence of the K139-Like Phage VcP032 Originating from the <i>Vibrio cholerae</i> O1 El Tor Ogawa Serotype. <i>Genome Announcements</i> , 2016, 4, .	0.8	1
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47	In silico prediction and qPCR validation of novel sRNAs in <i>Propionibacterium acnes</i> KPA171202. <i>Journal of Genetic Engineering and Biotechnology</i> , 2016, 14, 169-176.	1.5	1
48	Phylogenetic distribution and evolutionary pattern of an $\hat{\pm}$ -proteobacterial small RNA gene that controls polyhydroxybutyrate accumulation in <i>Sinorhizobium meliloti</i> . <i>Molecular Phylogenetics and Evolution</i> , 2016, 99, 182-193.	1.2	18
49	Identification of miniature plasmids in psychrophilic Arctic bacteria of the genus <i>Variovorax</i> . <i>FEMS Microbiology Ecology</i> , 2016, 92, fiv043.	1.3	24
50	Global Transcriptional Responses to Osmotic, Oxidative, and Imipenem Stress Conditions in <i>Pseudomonas putida</i> . <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	55
51	Construction of <i>Bacillus thuringiensis</i> Simulant Strains Suitable for Environmental Release. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	6
52	Characterization and genomic analyses of two newly isolated <i>Morganella</i> phages define distant members among <i>Tevenvirinae</i> and <i>Autographivirinae</i> subfamilies. <i>Scientific Reports</i> , 2017, 7, 46157.	1.6	23
53	Genome improvement of the acarbose producer <i>Actinoplanes</i> sp. SE50/110 and annotation refinement based on RNA-seq analysis. <i>Journal of Biotechnology</i> , 2017, 251, 112-123.	1.9	13
54	A Natural <i>Vibrio parahaemolyticus</i> $\hat{\pi}$ <i>pirA</i> ⁺ <i>Vp</i> ⁻ <i>pirB</i> ⁺ <i>Vp</i> ⁺ Mutant Kills Shrimp but Produces neither <i>Pir</i> ⁺ <i>Vp</i> ⁻ Toxins nor Acute Hepatopancreatic Necrosis Disease Lesions. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	56

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55	Complete Genome Sequences of <i>Pseudomonas fluorescens</i> Bacteriophages Isolated from Freshwater Samples in Omaha, Nebraska. <i>Genome Announcements</i> , 2017, 5, .	0.8	20
56	Distal and proximal promoters co-regulate <i>pqsR</i> expression in <i>Pseudomonas aeruginosa</i> . <i>Molecular Microbiology</i> , 2017, 104, 78-91.	1.2	9
57	Ability of phages to infect <i>Acinetobacter calcoaceticus</i> - <i>Acinetobacter baumannii</i> complex species through acquisition of different peptidase domains. <i>Environmental Microbiology</i> , 2017, 19, 5060-5077.	1.8	81
58	A Lytic <i>Providencia rettgeri</i> Virus of Potential Therapeutic Value Is a Deep-Branching Member of the <i>T5virus</i> Genus. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	13
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61	Acquisition of virulence factors in livestock-associated MRSA: Lysogenic conversion of CC398 strains by virulence gene-containing phages. <i>Scientific Reports</i> , 2017, 7, 2004.	1.6	41
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63	Prediction of bacterial small RNAs in the RsmA (CsrA) and ToxT pathways: a machine learning approach. <i>BMC Genomics</i> , 2017, 18, 645.	1.2	11
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65	Things Are Getting Hairy: Enterobacteria Bacteriophage <i>vB_PcaM_CBB</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 44.	1.5	40
66	Isolation and Characterization of <i>phiLLS</i> , a Novel Phage with Potential Biocontrol Agent against Multidrug-Resistant <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 1355.	1.5	77
67	Synergistic Antimicrobial Interaction between Honey and Phage against <i>Escherichia coli</i> Biofilms. <i>Frontiers in Microbiology</i> , 2017, 8, 2407.	1.5	64
68	Detailed transcriptome analysis of the plant growth promoting <i>Paenibacillus riograndensis</i> SBR5 by using RNA-seq technology. <i>BMC Genomics</i> , 2017, 18, 846.	1.2	17
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70	<i>Pf16</i> and <i>phiPMW</i> : Expanding the realm of <i>Pseudomonas putida</i> bacteriophages. <i>PLoS ONE</i> , 2017, 12, e0184307.	1.1	7
71	Guidelines for Inferring and Characterizing a Family of Bacterial trans-Acting Small Noncoding RNAs. <i>Methods in Molecular Biology</i> , 2018, 1737, 31-45.	0.4	1
72	Bioinformatic Approach for Prediction of CsrA/RsmA-Regulating Small RNAs in Bacteria. <i>Methods in Molecular Biology</i> , 2018, 1737, 47-56.	0.4	1

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75	Comparative RNA Genomics. Methods in Molecular Biology, 2018, 1704, 363-400.	0.4	8
76	Genomic analysis and immune response in a murine mastitis model of vB_EcoM-UFV13, a potential biocontrol agent for use in dairy cows. Scientific Reports, 2018, 8, 6845.	1.6	26
77	Restoration of GABA production machinery in Lactobacillus brevis by accessible carbohydrates, anaerobiosis and early acidification. Food Microbiology, 2018, 69, 151-158.	2.1	38
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80	Regulatory mechanisms of incomplete huntingtin mRNA splicing. Nature Communications, 2018, 9, 3955.	5.8	55
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82	Control of <i>Salmonella</i> Enteritidis on food contact surfaces with bacteriophage PVP-SE2. Biofouling, 2018, 34, 753-768.	0.8	19
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90	Comparison of Staphylococcus Phage K with Close Phage Relatives Commonly Employed in Phage Therapeutics. Antibiotics, 2018, 7, 37.	1.5	37

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91	Novel N4-Like Bacteriophages of <i>Pectobacterium atrosepticum</i> . <i>Pharmaceuticals</i> , 2018, 11, 45.	1.7	49
92	Comparative Analysis of 37 <i>Acinetobacter</i> Bacteriophages. <i>Viruses</i> , 2018, 10, 5.	1.5	37
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98	A novel sRNA srg17985 identified in <i>Vibrio alginolyticus</i> involving into metabolism and stress response. <i>Microbiological Research</i> , 2019, 229, 126295.	2.5	3
99	<i>Streptococcus oralis</i> subsp. <i>dentisani</i> Produces Monolateral Serine-Rich Repeat Protein Fibrils, One of Which Contributes to Saliva Binding via Sialic Acid. <i>Infection and Immunity</i> , 2019, 87, .	1.0	14
100	Synergistic Action of Phage and Antibiotics: Parameters to Enhance the Killing Efficacy Against Mono and Dual-Species Biofilms. <i>Antibiotics</i> , 2019, 8, 103.	1.5	103
101	Isolation and Characterization of Specific Phages to Prepare a Cocktail Preventing <i>Vibrio</i> sp. Va-F3 Infections in Shrimp (<i>Litopenaeus vannamei</i>). <i>Frontiers in Microbiology</i> , 2019, 10, 2337.	1.5	45
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103	Still Something to Discover: Novel Insights into <i>Escherichia coli</i> Phage Diversity and Taxonomy. <i>Viruses</i> , 2019, 11, 454.	1.5	77
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106	Conserved and specific features of <i>Streptococcus pyogenes</i> and <i>Streptococcus agalactiae</i> transcriptional landscapes. <i>BMC Genomics</i> , 2019, 20, 236.	1.2	30
107	Predicting proteome allocation, overflow metabolism, and metal requirements in a model acetogen. <i>PLoS Computational Biology</i> , 2019, 15, e1006848.	1.5	46
108	RhoTermPredict: an algorithm for predicting Rho-dependent transcription terminators based on <i>Escherichia coli</i> , <i>Bacillus subtilis</i> and <i>Salmonella enterica</i> databases. <i>BMC Bioinformatics</i> , 2019, 20, 117.	1.2	32

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109	Characterization of a new podovirus infecting <i>Paenibacillus</i> larvae. <i>Scientific Reports</i> , 2019, 9, 20355.	1.6	13
110	<i>Escherichia coli</i> and <i>Salmonella</i> Enteritidis dual-species biofilms: interspecies interactions and antibiofilm efficacy of phages. <i>Scientific Reports</i> , 2019, 9, 18183.	1.6	34
111	A Fluorogenic Assay To Monitor Rho-Dependent Termination of Transcription. <i>Biochemistry</i> , 2019, 58, 865-874.	1.2	3
112	TAC1, an unclassified bacteriophage of the family Myoviridae infecting <i>Acinetobacter baumannii</i> with a large burst size and a short latent period. <i>Archives of Virology</i> , 2020, 165, 419-424.	0.9	14
113	Identification of small non-coding RNAs from <i>Rhizobium etli</i> by integrated genome-wide and transcriptome-based methods. <i>ExRNA</i> , 2020, 2, .	1.0	3
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115	Bacteriophages vB_Sen-TO17 and vB_Sen-E22, Newly Isolated Viruses from Chicken Feces, Specific for Several <i>Salmonella enterica</i> Strains. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8821.	1.8	13
116	Quorum-Sensing Regulator OpaR Directly Represses Seven Protease Genes in <i>Vibrio parahaemolyticus</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 534692.	1.5	6
117	Infection Kinetics and Phylogenetic Analysis of vB_EcoD_SU57, a Virulent T1-Like Drexlerviridae Coliphage. <i>Frontiers in Microbiology</i> , 2020, 11, 565556.	1.5	9
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121	Characteristics of a Series of Three Bacteriophages Infecting <i>Salmonella enterica</i> Strains. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6152.	1.8	21
122	A Tailspike with Exopolysaccharide Depolymerase Activity from a New <i>Providencia stuartii</i> Phage Makes Multidrug-Resistant Bacteria Susceptible to Serum-Mediated Killing. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	22
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124	A non-coding RNA controls transcription of a gene encoding a DNA binding protein that modulates biofilm development in <i>Bartonella henselae</i> . <i>Microbial Pathogenesis</i> , 2020, 147, 104272.	1.3	9
125	<i>Lactobacillus acidophilus</i> Membrane Vesicles as a Vehicle of Bacteriocin Delivery. <i>Frontiers in Microbiology</i> , 2020, 11, 710.	1.5	57
126	iterb-PPse: Identification of transcriptional terminators in bacterial by incorporating nucleotide properties into PseKNC. <i>PLoS ONE</i> , 2020, 15, e0228479.	1.1	2

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127	Identification of an extracytoplasmic function sigma factor that facilitates <i>C-type</i> cytochrome maturation and current generation under electrolyte flow conditions in <i>Shewanella oneidensis</i> . <i>Environmental Microbiology</i> , 2020, 22, 3671-3684.	1.8	9
128	Temperature Dependent Control of the R27 Conjugative Plasmid Genes. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 124.	1.6	3
129	Isolation of a Novel Jumbo Bacteriophage Effective Against <i>Klebsiella aerogenes</i> . <i>Frontiers in Medicine</i> , 2020, 7, 67.	1.2	20
130	Integrative omics analysis of <i>Pseudomonas aeruginosa</i> virus PA5oct highlights the molecular complexity of jumbo phages. <i>Environmental Microbiology</i> , 2020, 22, 2165-2181.	1.8	32
131	Complete genome sequence of Phobos: a novel bacteriophage with unusual genomic features that infects <i>Pseudomonas syringae</i> . <i>Archives of Virology</i> , 2020, 165, 1485-1488.	0.9	5
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