

Mfold web server for nucleic acid folding and hybridiza

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Intragenomic heterogeneity between multiple 16S ribosomal RNA operons in sequenced bacterial genomes. <i>FEMS Microbiology Letters</i> , 2003, 228, 45-49.	0.7	188
2	Control of leaf morphogenesis by microRNAs. <i>Nature</i> , 2003, 425, 257-263.	13.7	1,676
3	Analysis of Thermal Melting Curves. <i>Oligonucleotides</i> , 2003, 13, 515-537.	2.7	649
4	A group I intron-like sequence in the nuclear small ribosomal subunit gene of the ophiostomatoid fungus <i>Gondwanomyces proteae</i> . <i>Mycological Research</i> , 2003, 107, 1442-1450.	2.5	8
5	Peripheral regions of natural hammerhead ribozymes greatly increase their self-cleavage activity. <i>EMBO Journal</i> , 2003, 22, 5561-5570.	3.5	220
6	Intramolecular Electrocatalysis of 8-Oxo-Guanine Oxidation: A Secondary Structure Control of Electron Transfer in Osmium-Labeled Oligonucleotides. <i>Inorganic Chemistry</i> , 2003, 42, 6379-6387.	1.9	20
7	Asymmetry in the Assembly of the RNAi Enzyme Complex. <i>Cell</i> , 2003, 115, 199-208.	13.5	2,486
8	The Flap Domain Is Required for Pause RNA Hairpin Inhibition of Catalysis by RNA Polymerase and Can Modulate Intrinsic Termination. <i>Molecular Cell</i> , 2003, 12, 1125-1136.	4.5	106
9	A Mechanism for the Regulation of Pre-mRNA 3' Processing by Human Cleavage Factor Im. <i>Molecular Cell</i> , 2003, 12, 1467-1476.	4.5	178
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15	G-quartet-dependent recognition between the FMRP RGG box and RNA. <i>Rna</i> , 2003, 9, 1198-1207.	1.6	111
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17	Four Inteins and Three Group II Introns Encoded in a Bacterial Ribonucleotide Reductase Gene. <i>Journal of Biological Chemistry</i> , 2003, 278, 46826-46831.	1.6	25
18	Cis-acting Elements Stimulating Kinetoplastid Guide RNA-directed Editing. <i>Journal of Biological Chemistry</i> , 2003, 278, 51167-51175.	1.6	3

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2368	Regional genomic instability predisposes to complex dystrophin gene rearrangements. <i>Human Genetics</i> , 2009, 126, 411-423.	1.8	55
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2370	Analysis of nrDNA polymorphism in closely related diploid sexual, tetraploid sexual and polyploid agamosperous species. <i>Plant Systematics and Evolution</i> , 2009, 278, 67-85.	0.3	32
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7532	Yogsothoth knorrus gen. n., sp. n. and Y. carteri sp. n. (Yogsothothidae fam. n., Haptista,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 747 Td (682-696.	0.6	21
7533	Selection of a novel CD19 aptamer for targeted delivery of doxorubicin to lymphoma cells. <i>Oncotarget</i> , 2018, 9, 26605-26615.	0.8	11
7534	Molecular mechanism of substrate recognition and specificity of tRNA ^{His} guanylyltransferase during nucleotide addition in the 3'→5' direction. <i>Rna</i> , 2018, 24, 1583-1593.	1.6	5
7535	In Silico Analysis of Hepatitis B Virus Occult Associated Mutations in Botswana Using a Novel Algorithm. <i>Genes</i> , 2018, 9, 420.	1.0	5
7536	Disruption of a stem-loop structure located upstream of pseudoknot domain in Tobacco mosaic virus enhanced its infectivity and viral RNA accumulation. <i>Virology</i> , 2018, 519, 170-179.	1.1	6
7537	SELEX and SHAPE reveal that sequence motifs and an extended hairpin in the 5'™ portion of Turnip crinkle virus satellite RNA C mediate fitness in plants. <i>Virology</i> , 2018, 520, 137-152.	1.1	3
7538	RNA secondary structure prediction based on genetic algorithm and comparative approach. , 2018, , .		2
7539	Antibody-Mediated Small Molecule Detection Using Programmable DNA-Switches. <i>Analytical Chemistry</i> , 2018, 90, 8196-8201.	3.2	33
7540	In vivo production of RNA nanostructures via programmed folding of single-stranded RNAs. <i>Nature Communications</i> , 2018, 9, 2196.	5.8	72
7541	Characterization of phototrophic microorganisms and description of new cyanobacteria isolated from the saline-alkaline crater-lake Dziani Dzaha (Mayotte, Indian Ocean). <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	39
7542	SSMART: sequence-structure motif identification for RNA-binding proteins. <i>Bioinformatics</i> , 2018, 34, 3990-3998.	1.8	21
7543	Expression and purification of human phosphatase and actin regulator 1 (PHACTR1) in plant-based systems. <i>Protein Expression and Purification</i> , 2018, 151, 46-55.	0.6	15
7544	TLR4-Binding DNA Aptamers Show a Protective Effect against Acute Stroke in Animal Models. <i>Molecular Therapy</i> , 2018, 26, 2047-2059.	3.7	47
7545	Strategies for improving the specificity of siRNAs for enhanced therapeutic potential. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 709-725.	2.5	10
7546	Full-length genome sequences of porcine epidemic diarrhoea virus strain CV777; Use of NGS to analyse genomic and sub-genomic RNAs. <i>PLoS ONE</i> , 2018, 13, e0193682.	1.1	14
7547	An upstream sequence modulates phenazine production at the level of transcription and translation in the biological control strain <i>Pseudomonas chlororaphis</i> 30-84. <i>PLoS ONE</i> , 2018, 13, e0193063.	1.1	21
7548	MicroRNA (miRNA) and Small Interfering RNA (siRNA): Biogenesis and Functions in Plants. , 2018, , 323-348.		0
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7551	In Vivo Knockdown of the Herpes Simplex Virus 1 Latency-Associated Transcript Reduces Reactivation from Latency. <i>Journal of Virology</i> , 2018, 92, .	1.5	41
7552	Capacitive malaria aptasensor using <i>Plasmodium falciparum</i> glutamate dehydrogenase as target antigen in undiluted human serum. <i>Biosensors and Bioelectronics</i> , 2018, 117, 246-252.	5.3	50
7553	Label-free ultrasensitive electrochemical genosensing of <i>Trichomonas vaginalis</i> using anisotropic-shaped gold nanoparticles as a platform, a repeated sequence of the parasite DNA as a probe, and toluidine blue as a redox marker. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 234-241.	4.0	8
7554	Repression of branched-chain amino acid synthesis in <i>Staphylococcus aureus</i> is mediated by isoleucine via CodY, and by a leucine-rich attenuator peptide. <i>PLoS Genetics</i> , 2018, 14, e1007159.	1.5	55
7555	Controlled branched-chain amino acids auxotrophy in <i>Listeria monocytogenes</i> allows isoleucine to serve as a host signal and virulence effector. <i>PLoS Genetics</i> , 2018, 14, e1007283.	1.5	25
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7557	A Highly Proliferative Group IIC Intron from <i>Geobacillus stearothermophilus</i> Reveals New Features of Group II Intron Mobility and Splicing. <i>Journal of Molecular Biology</i> , 2018, 430, 2760-2783.	2.0	14
7558	Genetic control of ColE1 plasmid stability that is independent of plasmid copy number regulation. <i>Current Genetics</i> , 2019, 65, 179-192.	0.8	11
7559	Comparative detection of <i>Karenia mikimotoi</i> by exponential rolling circle amplification (E-RCA) and double-ligation E-RCA. <i>Journal of Applied Phycology</i> , 2019, 31, 505-518.	1.5	5
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7561	<i>Ocimum basilicum</i> miRNOME revisited: A cross kingdom approach. <i>Genomics</i> , 2019, 111, 772-785.	1.3	12
7562	RNA Structure Prediction. , 2019, , 575-584.		1
7563	A New Halophilic Heterolobosean Flagellate, <i>Aurem hypersalina</i> gen. n. et sp. n., Closely Related to the <i>Pleurostomum</i> & <i>Tulamoeba</i> Clade: Implications for Adaptive Radiation of Halophilic Eukaryotes. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 221-231.	0.8	11
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7565	Engineering of Supramolecular RNA Structures. , 2019, , 535-545.		0
7566	RNA Structure and Cellular Applications of Fluorescent Light-UP Aptamers. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1266-1279.	7.2	84
7567	Effects of secondary structures of DNA templates on the quantification of qPCR. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 2867-2874.	2.0	17

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7574	Identification of a noncanonical RNA binding domain in the U2 snRNP protein SF3A1. <i>Rna</i> , 2019, 25, 1509-1521.	1.6	18
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7578	Circularization of flavivirus genomic RNA inhibits de novo translation initiation. <i>Nucleic Acids Research</i> , 2019, 47, 9789-9802.	6.5	41
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7584	Exploration of detergent-stable alkaline α -amylase AA7 from <i>Bacillus</i> sp strain SP-CH7 isolated from Chilika Lake. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 825-832.	3.6	14
7585	The complete mt genomes of <i>Lutzia halifaxia</i> , <i>Lt. fuscus</i> and <i>Culex pallidothorax</i> (Diptera: Culicidae) and comparative analysis of 16 <i>Culex</i> and <i>Lutzia</i> mt genome sequences. <i>Parasites and Vectors</i> , 2019, 12, 368.	1.0	15
7586	Anoctamin 3: A Possible Link between Cluster Headache and Ca ²⁺ Signaling. <i>Brain Sciences</i> , 2019, 9, 184.	1.1	8

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7591	Structure folding of RNA kissing complexes in salt solutions: predicting 3D structure, stability, and folding pathway. <i>Rna</i> , 2019, 25, 1532-1548.	1.6	24
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7606	Fatty Acid Content and Profile of the Novel Strain of <i>Coccomyxa elongata</i> (Trebouxiophyceae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 2019, 55, 1154-1165.	1.0	18
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7612	Differentiation and classification of RNA motifs using small molecule-based pattern recognition. <i>Methods in Enzymology</i> , 2019, 623, 101-130.	0.4	3
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7661	Identification of microRNAs regulated by tobacco curly shoot virus co-infection with its betasatellite in <i>Nicotiana benthamiana</i> . <i>Virology Journal</i> , 2019, 16, 130.	1.4	10
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7665	An in Vitro Selection Strategy Identifying Naked DNA That Localizes to Cell Nuclei. <i>Journal of the American Chemical Society</i> , 2019, 141, 18375-18379.	6.6	7
7666	Effective genome editing and identification of a regiospecific gallic acid 4-O-glycosyltransferase in pomegranate (<i>Punica granatum L.</i>). <i>Horticulture Research</i> , 2019, 6, 123.	2.9	43
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8088	The Extremophile <i>Endolithella mcmurdoensis</i> gen. et sp. nov. (Trebouxiophyceae, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 187 Td (2020, 56, 208-216.	1.0	5
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8628	Isolation of Natural DNA Aptamers for Challenging Small-Molecule Targets, Cannabinoids. <i>Analytical Chemistry</i> , 2021, 93, 3172-3180.	3.2	44
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8635	Advances and Challenges in Small-Molecule DNA Aptamer Isolation, Characterization, and Sensor Development. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16800-16823.	7.2	198
8636	Identification of microRNAs and their gene targets in cytoplasmic male sterile and fertile maintainer lines of pigeonpea. <i>Planta</i> , 2021, 253, 59.	1.6	10
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8641	Boundary-Free Ribosome Compartmentalization by Gene Expression on a Surface. <i>ACS Synthetic Biology</i> , 2021, 10, 609-619.	1.9	4
8643	Advances and Challenges in Small-Molecule DNA Aptamer Isolation, Characterization, and Sensor Development. <i>Angewandte Chemie</i> , 2021, 133, 16938-16961.	1.6	8
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8662	Regucalcin expression profiles in veal calf testis: validation of histological and molecular tests to detect sex steroids illicit administration. <i>PeerJ</i> , 2021, 9, e10894.	0.9	3
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