

Identification of G-quadruplexes in long functional RNA

Nature Chemical Biology

13, 18-20

DOI: [10.1038/nchembio.2228](https://doi.org/10.1038/nchembio.2228)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Do we know whether potential G-quadruplexes actually form in long functional RNA molecules?. <i>Biochemical Society Transactions</i> , 2016, 44, 1761-1768.	1.6	21
2	RNA G-quadruplexes: emerging mechanisms in disease. <i>Nucleic Acids Research</i> , 2017, 45, gkw1280.	6.5	153
3	Structure-Dependent Binding of hnRNPA1 to Telomere RNA. <i>Journal of the American Chemical Society</i> , 2017, 139, 7533-7539.	6.6	48
4	RNA G-Quadruplexes in Biology: Principles and Molecular Mechanisms. <i>Journal of Molecular Biology</i> , 2017, 429, 2127-2147.	2.0	324
5	Identification of functional tetramolecular RNA G-quadruplexes derived from transfer RNAs. <i>Nature Communications</i> , 2017, 8, 1127.	5.8	152
6	A Dual-Specific Targeting Approach Based on the Simultaneous Recognition of Duplex and Quadruplex Motifs. <i>Scientific Reports</i> , 2017, 7, 11969.	1.6	35
7	G-Quadruplexes: Prediction, Characterization, and Biological Application. <i>Trends in Biotechnology</i> , 2017, 35, 997-1013.	4.9	297
8	RNA G-Quadruplexes in Kirsten Ras (<i>KRAS</i>) Oncogene as Targets for Small Molecules Inhibiting Translation. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9448-9461.	2.9	61
9	In What Ways Do Synthetic Nucleotides and Natural Base Lesions Alter the Structural Stability of G-Quadruplex Nucleic Acids?. <i>Journal of Nucleic Acids</i> , 2017, 2017, 1-45.	0.8	6
10	eIF4A alleviates the translational repression mediated by classical secondary structures more than by G-quadruplexes. <i>Nucleic Acids Research</i> , 2018, 46, 3075-3087.	6.5	33
12	Specific G-quadruplex ligands modulate the alternative splicing of Bcl-X. <i>Nucleic Acids Research</i> , 2018, 46, 886-896.	6.5	64
13	Soluble Siglec-14 glycan-recognition protein is generated by alternative splicing and suppresses myeloid inflammatory responses. <i>Journal of Biological Chemistry</i> , 2018, 293, 19645-19658.	1.6	32
14	Bioinformatics: Sequences, Structures, Phylogeny. , 2018, , .		0
15	Structural Bioinformatics: Life Through The 3D Glasses. , 2018, , 191-253.		0
16	New Modalities, Technologies, and Partnerships in Probe and Lead Generation: Enabling a Mode-of-Action Centric Paradigm. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 9004-9029.	2.9	39
17	Detecting RNA G-Quadruplexes (rG4s) in the Transcriptome. <i>Cold Spring Harbor Perspectives in Biology</i> , 2018, 10, a032284.	2.3	95
18	Targeting RNA in mammalian systems with small molecules. <i>Wiley Interdisciplinary Reviews RNA</i> , 2018, 9, e1477.	3.2	108
19	The diverse structural landscape of quadruplexes. <i>FEBS Letters</i> , 2019, 593, 2083-2102.	1.3	110

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20	G-quadruplexes Sequester Free Heme in Living Cells. <i>Cell Chemical Biology</i> , 2019, 26, 1681-1691.e5.	2.5	58
21	A high-throughput screen identifies small molecule modulators of alternative splicing by targeting RNA G-quadruplexes. <i>Nucleic Acids Research</i> , 2019, 47, 3667-3679.	6.5	49
22	Splice-switching small molecules: A new therapeutic approach to modulate gene expression. <i>Methods</i> , 2019, 167, 134-142.	1.9	8
23	Emerging modes-of-action in drug discovery. <i>MedChemComm</i> , 2019, 10, 1550-1568.	3.5	22
24	Biotinylation and isolation of an RNA G-quadruplex based on its peroxidase-mimicking activity. <i>Analyst</i> , 2019, 144, 4472-4476.	1.7	6
25	Site-Specific Fluorophore Labeling of Guanosines in RNA G-Quadruplexes. <i>ACS Omega</i> , 2019, 4, 8472-8479.	1.6	5
26	Genetic Code Expansion Facilitates Position-Selective Labeling of RNA for Biophysical Studies. <i>Chemistry - A European Journal</i> , 2020, 26, 1800-1810.	1.7	10
27	The molecular structure of long non-coding RNAs: emerging patterns and functional implications. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2020, 55, 662-690.	2.3	51
28	Properties and biological impact of RNA G-quadruplexes: from order to turmoil and back. <i>Nucleic Acids Research</i> , 2020, 48, 12534-12555.	6.5	101
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30	Parallel G-quadruplex-mediated protein dimerization and activation. <i>RSC Advances</i> , 2020, 10, 29957-29960.	1.7	3
31	hnRNP H/F drive RNA G-quadruplex-mediated translation linked to genomic instability and therapy resistance in glioblastoma. <i>Nature Communications</i> , 2020, 11, 2661.	5.8	62
32	qDRIP: a method to quantitatively assess RNA-DNA hybrid formation genome-wide. <i>Nucleic Acids Research</i> , 2020, 48, e84-e84.	6.5	55
33	G-quadruplexes in mRNA: A key structure for biological function. <i>Biochemical and Biophysical Research Communications</i> , 2020, 526, 261-266.	1.0	23
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37	Aberrant Bcl-x splicing in cancer: from molecular mechanism to therapeutic modulation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 194.	3.5	17

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39	Action and function of helicases on RNA G-quadruplexes. <i>Methods</i> , 2022, 204, 110-125.	1.9	12
40	Inosine Substitutions in RNA Activate Latent G-Quadruplexes. <i>Journal of the American Chemical Society</i> , 2021, 143, 15120-15130.	6.6	12
41	The <i>MDM2</i> inducible promoter folds into four-tetrad antiparallel G-quadruplexes targetable to fight malignant liposarcoma. <i>Nucleic Acids Research</i> , 2021, 49, 847-863.	6.5	23
42	Control of the polyamine biosynthesis pathway by G2-quadruplexes. <i>ELife</i> , 2018, 7, .	2.8	20
49	Biophysical characterisation of the Bcl-x pre-mRNA and binding specificity of the ellipticine derivative GQC-05: Implication for alternative splicing regulation. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	1
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55	RNA G-quadruplex organizes stress granule assembly through DNAPTP6 in neurons. <i>Science Advances</i> , 2023, 9, .	4.7	9
56	G-Quadruplexes Regulate miRNA Biogenesis in Live Zebrafish Embryos. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4828.	1.8	1
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