

Programmed Ribosomal Frameshifting Generates a Cop Chaperone from the Same Gene

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A [Cu]rious Ribosomal Profiling Pattern Leads to the Discovery of Ribosomal Frameshifting in the Synthesis of a Copper Chaperone. <i>Molecular Cell</i> , 2017, 65, 203-204.	4.5	4
2	One gene, two proteins: coordinated production of a copper chaperone by differential transcript formation and translational frameshifting in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2017, 106, 635-645.	1.2	10
3	Specific reverse transcriptase slippage at the HIV ribosomal frameshift sequence: potential implications for modulation of GagPol synthesis. <i>Nucleic Acids Research</i> , 2017, 45, 10156-10167.	6.5	9
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6	Bacterial copper storage proteins. <i>Journal of Biological Chemistry</i> , 2018, 293, 4616-4627.	1.6	48
7	mRNA-Mediated Duplexes Play Dual Roles in the Regulation of Bidirectional Ribosomal Frameshifting. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3867.	1.8	6
8	Widespread Distribution and Functional Specificity of the Copper Importer CcoA: Distinct Cu Uptake Routes for Bacterial Cytochrome <i>c</i> Oxidases. <i>MBio</i> , 2018, 9, .	1.8	25
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10	Copper Homeostasis in Gram-Negative Bacteria. <i>Springer Briefs in Molecular Science</i> , 2018, , 49-80.	0.1	8
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15	Copper relay path through the N-terminus of Wilson disease protein, ATP7B. <i>Metallomics</i> , 2019, 11, 1472-1480.	1.0	19
16	Characterization of the stimulators of protein-directed ribosomal frameshifting in Theiler's murine encephalomyelitis virus. <i>Nucleic Acids Research</i> , 2019, 47, 8207-8223.	6.5	18
17	Cytosolic Copper Binding by a Bacterial Storage Protein and Interplay with Copper Efflux. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4144.	1.8	8
18	Mechanisms and biomedical implications of ~ 1 programmed ribosome frameshifting on viral and bacterial mRNAs. <i>FEBS Letters</i> , 2019, 593, 1468-1482.	1.3	43
19	Live-Cell Single RNA Imaging Reveals Bursts of Translational Frameshifting. <i>Molecular Cell</i> , 2019, 75, 172-183.e9.	4.5	40

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20	Enhancing the ligand efficiency of anti-HIV compounds targeting frameshift-stimulating RNA. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 2972-2977.	1.4	12
21	Molecular Dynamics Simulations Suggest a Non-Doublet Decoding Model of +1 Frameshifting by tRNA ^{Ser3} . <i>Biomolecules</i> , 2019, 9, 745.	1.8	11
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23	Functional Diversity of Bacterial Strategies to Cope With Metal Toxicity. , 2019, , 409-426.		8
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31	High-throughput interrogation of programmed ribosomal frameshifting in human cells. <i>Nature Communications</i> , 2020, 11, 3061.	5.8	19
32	Interplays between copper and <i>Mycobacterium tuberculosis</i> GroEL1. <i>Metallomics</i> , 2020, 12, 1267-1277.	1.0	8
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41	Copper Homeostatic Mechanisms and Their Role in the Virulence of <i>Escherichia coli</i> and <i>Salmonella enterica</i> . <i>EcoSal Plus</i> , 2021, 9, eESP00142020.	2.1	18
42	Molecular Insights into the Copper-Sensitive Operon Repressor in <i>Acidithiobacillus caldus</i> . <i>Applied and Environmental Microbiology</i> , 2021, 87, e0066021.	1.4	8
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57	Premature translation termination mediated non-ER stress induced ATF6 activation by a ligand-dependent ribosomal frameshifting circuit. <i>Nucleic Acids Research</i> , 2022, 50, 5369-5383.	6.5	2
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60	Phenotypic mutations contribute to protein diversity and shape protein evolution. <i>Protein Science</i> , 2022, 31, .	3.1	5
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63	Lack of evidence for ribosomal frameshifting in ATP7B mRNA decoding. <i>Molecular Cell</i> , 2022, 82, 3745-3749.e2.	4.5	4
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67	Excess copper catalyzes protein disulfide bond formation in the bacterial periplasm but not in the cytoplasm. <i>Molecular Microbiology</i> , 2023, 119, 423-438.	1.2	5
68	Copper Efflux System Required in Murine Lung Infection by <i>Haemophilus influenzae</i> Composed of a Canonical ATPase Gene and Tandem Chaperone Gene Copies. <i>Infection and Immunity</i> , 2023, 91, .	1.0	1