

Resource Summary Report

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WEBLOGO

RRID:SCR_010236

Type: Tool

Proper Citation

WEBLOGO (RRID:SCR_010236)

Resource Information

URL: <http://weblogo.berkeley.edu>

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Description: Web application to generate sequence logos, graphical representations of patterns within multiple sequence alignment. Designed to make generation of sequence logos easy. Sequence logo generator.

Synonyms: WebLogo Version 2.8.2, WebLogo3, WebLogo

Resource Type: web service, software resource, data access protocol, service resource

Defining Citation: [PMID:15173120](#)

Keywords: Generate sequence logo, pattern graphical representation, multiple sequence alignment, sequence logo generator, amino acid sequence alignment, nucleic acid sequence alignment, sequence alignment representation, bio.tools

Funding: NHGRI K22 HG00056;
Searle Scholars program ;
NIGMS P50 GM62412

Availability: Free, Available for download, Freely available

Resource Name: WEBLOGO

Resource ID: SCR_010236

Alternate IDs: nlx_156853, biotools:weblogo_3

Alternate URLs: <http://weblogo.threeplusone.com/>, https://bio.tools/weblogo_3

License: MIT Open Source License

Record Creation Time: 20220129T080257+0000

Record Last Update: 20250517T055952+0000

Ratings and Alerts

No rating or validation information has been found for WEBLOGO.

No alerts have been found for WEBLOGO.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3355 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#).

Xiao Q, et al. (2025) Engineered IscB-?RNA system with expanded target range for base editing. *Nature chemical biology*, 21(1), 100.

Seifert-Dávila W, et al. (2025) Structural and kinetic insights into tRNA promoter engagement by yeast general transcription factor TFIIIC. *Nucleic acids research*, 53(1).

Li J, et al. (2025) Genome-Wide Identification and Expression Analysis of bHLH-MYC Family Genes from Mustard That May Be Important in Trichome Formation. *Plants (Basel, Switzerland)*, 14(2).

Liu Q, et al. (2025) RHOBTB2 Variant p.Arg511Gln Causes Developmental and Epileptic Encephalopathy Type 64 in an Infant: A Case Report and Hotspot Variant Analysis. *Molecular genetics & genomic medicine*, 13(1), e70059.

Knechtel JW, et al. (2025) KMT5C leverages disorder to optimize cooperation with HP1 for heterochromatin retention. *EMBO reports*, 26(1), 153.

Guillou MC, et al. (2025) Phytocytokine genes newly discovered in *Malus domestica* and their regulation in response to *Erwinia amylovora* and acibenzolar-S-methyl. *The plant genome*, 18(1), e20540.

Renninger KA, et al. (2025) The rise of CLAVATA: evidence for CLAVATA3 and WOX

signaling in the fern gametophyte. *The Plant journal : for cell and molecular biology*, 121(2), e17207.

Qian C, et al. (2025) Rational design of a triple-type HPV53/56/66 vaccine with one preferable base particle incorporating two identified immunodominant sites. *Journal of nanobiotechnology*, 23(1), 28.

Huang Y, et al. (2025) A single residue switch mediates the broad neutralization of Rotaviruses. *Nature communications*, 16(1), 838.

Scribano D, et al. (2025) The periplasmic protein HslJ is the first-line of defense against oxidative stress in *Acinetobacter baumannii*. *Biological research*, 58(1), 2.

Knutson BA, et al. (2025) Evolutionary and Structural Insights into the RNA Polymerase I A34 Protein Family: A Focus on Intrinsic Disorder and Phase Separation. *Genes*, 16(1).

Tong X, et al. (2025) Genome-Wide Characterization of Extrachromosomal Circular DNA in the Midgut of BmCPV-Infected Silkworms and Its Potential Role in Antiviral Responses. *International journal of molecular sciences*, 26(2).

Ramírez-Montiel FB, et al. (2025) Theoretical Study of Sphingomyelinases from *Entamoeba histolytica* and *Trichomonas vaginalis* Sheds Light on the Evolution of Enzymes Needed for Survival and Colonization. *Pathogens (Basel, Switzerland)*, 14(1).

Trasviña-Arenas CH, et al. (2025) Crystal structure of MutYX: A novel clusterless adenine DNA glycosylase with a distinct C-terminal domain and 8-Oxoguanine recognition sphere. *bioRxiv : the preprint server for biology*.

Kamilari E, et al. (2025) *Bacillus safensis* APC 4099 has broad-spectrum antimicrobial activity against both bacteria and fungi and produces several antimicrobial peptides, including the novel circular bacteriocin safencin E. *Applied and environmental microbiology*, 91(1), e0194224.

Lyu B, et al. (2025) G-quadruplex structures in 16S rRNA regions correlate with thermal adaptation in prokaryotes. *Nucleic acids research*, 53(3).

Arpin D, et al. (2025) The binding of RbgA to a critical 50S assembly intermediate facilitates YphC function in bacterial ribosomal assembly. *Nucleic acids research*, 53(2).

Németh BZ, et al. (2025) The High-Affinity Chymotrypsin Inhibitor Eglin C Poorly Inhibits Human Chymotrypsin-Like Protease: Gln192 and Lys218 Are Key Determinants. *Proteins*, 93(2), 543.

Fukumoto J, et al. (2025) Pivotal roles of *Plasmodium falciparum* lysophospholipid acyltransferase 1 in cell cycle progression and cytostome internalization. *Communications biology*, 8(1), 142.

Yuan N, et al. (2025) Molecular Epidemiology and Genetic Evolution of Porcine Reproductive and Respiratory Syndrome Virus in Northern China During 2021-2023. *Viruses*, 17(1).