Resource Summary Report

Generated by NIF on May 28, 2025

Clustal W2

RRID:SCR_002909
Type: Tool

Proper Citation

Clustal W2 (RRID:SCR_002909)

Resource Information

URL: http://www.ebi.ac.uk/Tools/msa/clustalw2/

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Description: THIS RESOURCE IS NO LONGER IN SERVICE, documented on January 19, 2022. Command line version of multiple sequence alignment program Clustal for DNA or proteins. Alignment is progressive and considers sequence redundancy. No longer being maintained. Please consider using Clustal Omega instead which accepts nucleic acid or protein sequences in multiple sequence formats NBRF/PIR, EMBL/UniProt, Pearson (FASTA), GDE, ALN/ClustalW, GCG/MSF, RSF.

Synonyms: European Bioinformatics Institute - ClustalW2

Resource Type: image analysis software, software resource, data processing software, service resource, alignment software, software application

Defining Citation: PMID:17846036, PMID:20439314, DOI:10.1093/bioinformatics/btm404

Keywords: multiple, sequence, alignment, cladogram, phylogram, evolution, phylogenetic, tree, protein, nucleic, acid, bio.tools

Funding: Science Foundation Ireland

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Clustal W2

Resource ID: SCR_002909

Alternate IDs: OMICS_02562, nif-0000-30076

Alternate URLs: http://www.ch.embnet.org/software/ClustalW.html, https://sources.debian.org/src/clustalx/

Old URLs: http://www.ebi.ac.uk/tools/clustalw/

License: GNU Lesser General Public License

Record Creation Time: 20220129T080216+0000

Record Last Update: 20250527T054646+0000

Ratings and Alerts

No rating or validation information has been found for Clustal W2.

No alerts have been found for Clustal W2.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 7823 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF.

Dolgin V, et al. (2025) Severe neonatal hypotonia due to SLC30A5 variant affecting function of ZnT5 zinc transporter. JIMD reports, 66(1), e12465.

Mutafchiev Y, et al. (2025) DNA-elucidated life cycle of a highly pathogenic avian nematode: Streptocara incognita (Spirurida: Acuariidae) and its morphological development from infective third-stage larva to adult. Current research in parasitology & vector-borne diseases, 7, 100238.

Frankova M, et al. (2025) Widespread anticoagulant resistance in house mice (Mus musculus musculus) linked to the Tyr139Phe mutation in the Czech Republic. Scientific reports, 15(1), 1701.

Linda TM, et al. (2024) Production of Exopolysaccharides and ?ndole Acetic Acid (IAA) by Rhizobacteria and Their Potential against Drought Stress in Upland Rice. Journal of microbiology and biotechnology, 34(6), 1239.

El-Dawy EGAM, et al. (2024) Description and management of Aspergillus section Nigri

causing post-harvest bulbs rot of onion. Scientific reports, 14(1), 6076.

Jiao X, et al. (2024) A cyclin D1 intrinsically disordered domain accesses modified histone motifs to govern gene transcription. Oncogenesis, 13(1), 4.

Vellas C, et al. (2024) Intact proviruses are enriched in the colon and associated with PD-1+TIGIT- mucosal CD4+ T cells of people with HIV-1 on antiretroviral therapy. EBioMedicine, 100, 104954.

Mahmud FMA, et al. (2024) A sustainable methodological approach for mitigation of salt stress of rice seedlings in coastal regions: Identification of halotolerant rhizobacteria from Noakhali, Bangladesh and their impact. MethodsX, 13, 102981.

Palanisamy R, et al. (2024) Role of Type 4B Secretion System Protein, IcmE, in the Pathogenesis of Coxiella burnetii. Pathogens (Basel, Switzerland), 13(5).

Ibrahim MM, et al. (2024) Dasyrhynchus giganteus plerocercoids encysting in the musculature of Indian halibut (Psettodes erumei): seasonal prevalence, morpho-molecular characterization, and histopathological alterations. BMC veterinary research, 20(1), 332.

Li YN, et al. (2024) Identification and expression analysis of calcium-dependent protein kinase family in oat (Avena sativa L.) and their functions in response to saline-alkali stresses. Frontiers in plant science, 15, 1395696.

Arias-Flórez JS, et al. (2024) Phenotypic and molecular characterization of the largest worldwide cluster of hereditary angioedema type 1. PloS one, 19(12), e0311316.

Vourvidis D, et al. (2024) Ticks and Tick-Borne Pathogens in Wild Animals and Birds from Two Rehabilitation Facilities in Greece. Pathogens (Basel, Switzerland), 14(1).

Cheng MC, et al. (2024) Circulating hypervirulent Marek's disease viruses in vaccinated chicken flocks in Taiwan by genetic analysis of meq oncogene. PloS one, 19(5), e0303371.

Huang Z, et al. (2024) Genome-based analysis of the family Paracoccaceae and description of Ostreiculturibacter nitratireducens gen. nov., sp. nov., isolated from an oyster farm on a tidal flat. Frontiers in microbiology, 15, 1376777.

Wang Z, et al. (2024) A novel and ubiquitous miRNA-involved regulatory module ensures precise phosphorylation of RNA polymerase II and proper transcription. PLoS pathogens, 20(4), e1012138.

Gao H, et al. (2024) Transcriptome-associated metabolomics reveals the molecular mechanism of flavonoid biosynthesis in Desmodium styracifolium (Osbeck.) Merr under abiotic stress. Frontiers in plant science, 15, 1431148.

Uakhit R, et al. (2024) Molecular identification of Baylisascaris melis (Gedoelst, 1920) from the Eurasian badger (Meles meles) and ascarids from other wild carnivores in Kazakhstan. Frontiers in veterinary science, 11, 1452237.

Tabassum N, et al. (2024) Genome-wide in-silico analysis of ethylene biosynthesis gene family in Musa acuminata L. and their response under nutrient stress. Scientific reports, 14(1), 558.

Shuai Y, et al. (2024) Purification and expression of a novel bacteriocin, JUQZ-1, against Pseudomonas syringae pv. Actinidiae (PSA), secreted by Brevibacillus laterosporus Wq-1, isolated from the rhizosphere soil of healthy kiwifruit. Frontiers in microbiology, 15, 1477320.