Resource Summary Report

Generated by dkNET on Jul 29, 2026

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

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: 20260729T044034+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 7830 mentions in open access literature.

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

Su H, et al. (2025) Expression profiles analysis and roles in immunity of transient receptor potential (TRP) channel genes in Spodoptera frugiperda. BMC genomics, 26(1), 401.

Jiang T, et al. (2025) CmVNI2-CmMYB3 module regulates flavonol biosynthesis in response to low temperature in chrysanthemum flower. Molecular horticulture, 5(1), 53.

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.

Kurowska M, et al. (2025) Functional analysis of HvSNAC1 in stomatal dynamics and drought adaptation. Journal of applied genetics, 66(4), 817.

Sudheer A, et al. (2025) Comprehensive genomics, probiotic, and antibiofilm potential analysis of Streptococcus thermophilus strains isolated from homemade and commercial dahi. Scientific reports, 15(1), 7089.

Zhang L, et al. (2025) Phylogeography Analysis Reveals Rabies Epidemiology, Evolution, and Transmission in the Philippines. Molecular biology and evolution, 42(2).

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.

Hou L, et al. (2025) Restrained Wnt Signaling Pathway by Enhanced EsGSK3? Activity Facilitates the Infection of Spiroplasma and Leads to Neuropathic Diseases in Crustaceans. Molecular & cellular proteomics : MCP, 24(9), 101059.

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.

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.

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.

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

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.

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.

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).

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.