

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 16, 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: alignment software, data processing software, image analysis software, service resource, software application, software resource

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: 20260912T195548+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 7871 mentions in open access literature.

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

Huang KK, et al. (2026) Mutational Signatures and Clonal Hematopoiesis in Intestinal Metaplasia across Countries with Varying Stomach Cancer Incidence. *Cancer discovery*, 16(3), 497.

Yan S, et al. (2026) Molecular identification, isolation and functional characterization of a glutathione S-transferase gene CsGST in saffron (*Crocus sativus* L.). *Scientific reports*, 16(1), 6498.

Dong H, et al. (2026) Regulatory paradigm of Dscam1 stochastic alternative splicing through conserved long-range RNA structures. *Nucleic acids research*, 54(5).

Messina S, et al. (2026) Merkel Cell Polyomavirus and DNA Damage Response (DDR): Transcriptional Analysis of DDR Pathways in the Context of Merkel Cell Carcinoma. *Cancers*, 18(10).

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.

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

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

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.

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.

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

Wang J, et al. (2025) Functional Differentiation and Regulatory Mechanisms of Ferrochelatases HemH1 and HemH2 in *Bacillus thuringiensis* Under Iron and Oxidative Stress. International journal of molecular sciences, 26(7).

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

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.

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.

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.

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.

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.

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

Tang N, et al. (2024) Motilin, a Novel Orexigenic Factor, Involved in Feeding Regulation in Yangtze Sturgeon (*Acipenser dabryanus*). Biomolecules, 14(4).