

Resource Summary Report

Generated by [ASWG](#) on Aug 2, 2026

Gblocks

RRID:SCR_015945

Type: Tool

Proper Citation

Gblocks (RRID:SCR_015945)

Resource Information

URL: http://molevol.cmima.csic.es/castresana/Gblocks_server.html

Proper Citation: Gblocks (RRID:SCR_015945)

Description: Software that eliminates poorly aligned positions and divergent regions of a DNA or protein alignment so that it becomes more suitable for phylogenetic analysis., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Resource Type: software resource, software application, web application, standalone software

Defining Citation: [PMID:10742046](#), [PMID:17654362](#)

Keywords: position, dna, protein, align, alignment, phylogenetic, analysis, block, ansi c, deletion, removal

Funding: Fundación BBVA ;
Plan Nacional de Investigación Científica BIO2002-04426-C02-02;
Desarrollo e Innovación Tecnológica

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Gblocks

Resource ID: SCR_015945

Record Creation Time: 20220129T080328+0000

Record Last Update: 20260801T190523+0000

Ratings and Alerts

No rating or validation information has been found for Gblocks.

No alerts have been found for Gblocks.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2020 mentions in open access literature.

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

Mu W, et al. (2025) The haplotype-resolved T2T genome for *Bauhinia × blakeana* sheds light on the genetic basis of flower heterosis. *GigaScience*, 14.

Garsmeur O, et al. (2025) The genomic footprints of wild *Saccharum* species trace domestication, diversification, and modern breeding of sugarcane. *Cell*, 188(25), 7252.

Penot-Raquin M, et al. (2025) Prevalence and environmental abundance of the TSET complex in cosmopolitan algal groups. *iScience*, 28(6), 112679.

Wang T, et al. (2025) Multiomics analysis provides insights into musk secretion in muskrat and musk deer. *GigaScience*, 14.

Javier MCF, et al. (2025) Draft genome of the endangered visayan spotted deer (*Rusa alfredi*), a Philippine endemic species. *GigaByte (Hong Kong, China)*, 2025, gigabyte150.

Bian C, et al. (2025) Chromosome-level genome assemblies of five *Sinocyclocheilus* species. *GigaByte (Hong Kong, China)*, 2025, gigabyte155.

Liang Y, et al. (2025) The molecular basis of octocoral calcification revealed by genome and skeletal proteome analyses. *GigaScience*, 14.

Bian C, et al. (2025) Telomere-to-telomere chromosome-scale genome assemblies of black and golden koi carp variants support construction of an ancient karyotype of Cypriniformes. *GigaScience*, 14.

Huang J, et al. (2025) Phylogenomic relationships and species delimitation of *Cotoneaster* ser. *Pannosi*, ser. *Buxifolii*, and related taxa. *Frontiers in plant science*, 16, 1575925.

Yu DX, et al. (2025) The complete chloroplast genome of *Cyrtosia nana* (Rolfe ex Downie) Garay and its phylogenetic analysis. *Mitochondrial DNA. Part B, Resources*, 10(8), 683.

Zhang H, et al. (2025) Complete Mitochondrial Genome and Its Phylogenetic Analysis of *Oides decempunctatus* (Coleoptera: Chrysomelidae). *Ecology and evolution*, 15(7), e71819.

Zhang H, et al. (2025) Reidentification of hybridization events with transcriptomic data and phylogenomic study in Seabuckthorn. *Scientific reports*, 15(1), 24121.

Li J, et al. (2025) Comparative mitogenomics reveals evolutionary drivers of Strongyloidea nematodes dwelling in gastrointestinal tract. BMC genomics, 26(1), 793.

Wang Y, et al. (2025) Orthopedic infections associated with distinct Acinetobacter strains in rural area of Qingdao, China. Frontiers in cellular and infection microbiology, 15, 1601779.

Deng Z, et al. (2025) Multidimensional insights into the biodiversity of Streptomyces in soils of China: a pilot study. Microbiology spectrum, 13(5), e0169224.

Badillo-Viloria M, et al. (2025) Rickettsia spp. and Anaplasmatidae in Ticks From Domestic Animals in Northern Colombia. Zoonoses and public health, 72(5), 421.

Auger C, et al. (2025) Identification of a molecular resistor that controls UCP1-independent Ca²⁺ cycling thermogenesis in adipose tissue. Cell metabolism, 37(6), 1311.

Chaudhary VB, et al. (2025) TraitAM, a global spore trait database for arbuscular mycorrhizal fungi. Scientific data, 12(1), 588.

Aleix-Mata G, et al. (2025) Characterizing the complete mitochondrial genome and rDNA of Oestrus sp. (Diptera: Oestridae): the bot fly parasitizing the Iberian ibex, Capra pyrenaica. Journal of medical entomology, 62(4), 808.

Novak EN, et al. (2025) Extraction-free RT-RPA assay for detection of HPV16, HPV18, and HPV45 mRNA expression. Scientific reports, 15(1), 30450.