

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 15, 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 application, software resource, standalone software, web application

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

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

Funding: Desarrollo e Innovación Tecnológica ;
Fundación BBVA ;
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Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: Gblocks

Resource ID: SCR_015945

Record Creation Time: 20220129T080328+0000

Record Last Update: 20260912T195832+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 2043 mentions in open access literature.

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

Mao C, et al. (2026) Chromosome-level genome assembly and transcriptomes of the leaf insect *Cryptophyllum westwoodii* provide insights into the evolution of leaf-like masquerade. *GigaScience*, 15.

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

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

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.

Otero CE, et al. (2025) Rhesus Cytomegalovirus-encoded Fc γ -binding glycoproteins facilitate viral evasion from IgG-mediated humoral immunity. *Nature communications*, 16(1), 1200.

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

Liu Q, et al. (2025) Comparative Mitogenomes and Phylogenetic Analyses of *Coccinellidae* (Coleoptera: Coccinelloidea). *Ecology and evolution*, 15(3), e71053.

- 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.
- Yu J, et al. (2025) Phylogenomic and super-pangenome analyses unveil the genetic landscape of tomato evolution and domestication. *Plant biotechnology journal*, 23(9), 3783.
- 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) Reidentification of hybridization events with transcriptomic data and phylogenomic study in Seabuckthorn. *Scientific reports*, 15(1), 24121.
- Zhang R, et al. (2025) Molecular Phylogenetic Relationships Based on Mitogenomes of Spider: Insights Into Evolution and Adaptation to Extreme Environments. *Ecology and evolution*, 15(1), e70774.
- Veríssimo J, et al. (2025) The mitochondrial genomes of Iberian freshwater and diadromous fishes. *Scientific data*, 12(1), 349.
- Zhu HY, et al. (2025) ?Two new arthroconidial yeast species from bark and pit mud in China. *MycoKeys*, 113, 57.