

Resource Summary Report

Generated by SPARC SAWG on Sep 16, 2026

VISTA Browser

RRID:SCR_011808

Type: Tool

Proper Citation

VISTA Browser (RRID:SCR_011808)

Resource Information

URL: <http://pipeline.lbl.gov/cgi-bin/gateway2>

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Description: Software tools for comparative genomics. Comprehensive suite of programs and databases for comparative analysis of genomic sequences. There are two ways of using VISTA - you can submit your own sequences and alignments for analysis (VISTA servers) or examine pre-computed whole-genome alignments of different species.

Synonyms: VISTA, vista

Resource Type: software resource, software toolkit

Defining Citation: [PMID:15215394](#)

Keywords: Comparative genomics tools, genomic sequences, comparative analysis, bio.tools, FASEB list

Funding: NHLBI ;
Office of Biological and Environmental Research ;
Office of Science ;
US Department of Energy

Availability: Free, Freely available

Resource Name: VISTA Browser

Resource ID: SCR_011808

Alternate IDs: OMICS_00948, biotools:vista

Alternate URLs: <http://genome.lbl.gov/vista/index.shtml>, <https://bio.tools/vista>

Record Creation Time: 20220129T080306+0000

Ratings and Alerts

No rating or validation information has been found for VISTA Browser.

No alerts have been found for VISTA Browser.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 125 mentions in open access literature.

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

Ren YR, et al. (2026) Structural and functional annotation of the *Populus × xiaohei* var. *gansuensis* (C. Wang & H.L. Yang) C. Shang chloroplast genome. *Mitochondrial DNA. Part B, Resources*, 11(1), 64.

Kim SW, et al. (2026) Conserved noncoding sequence-9 regulates NFATc1-mediated IL-10 expression in B cells to control inflammatory responses. *Science advances*, 12(17), eaec7779.

Kumar Biswas M, et al. (2026) Chloroplast genome assembly, annotation, comparative genomics, and genetic diversity analysis of a vulnerable endemic species *Lavandula maroccana* Murb. *PloS one*, 21(3), e0345166.

Liu W, et al. (2026) Comparative analysis of complete chloroplast genomes reveals the phylogenetic relationships of *Lygodium* Sw. (Lygodiaceae) species in China. *BMC genomics*, 27(1), 199.

Chen S, et al. (2026) Assembly of the *Delphinium densiflorum* Chloroplast Genome and Comparative Genomics Within *Delphinium*. *Genes*, 17(2).

Kadam SK, et al. (2026) Refined chloroplast annotations, repeat profiles, and phylogenomic evidence reveal maternal lineage shifts and independent evolution in the *Triticum-Aegilops* complex. *BMC plant biology*, 26(1), 239.

Hawkins MB, et al. (2025) Establishment, conservation, and innovation of dorsal determination mechanisms during the evolution of vertebrate paired appendages. *bioRxiv* : the preprint server for biology.

Xu J, et al. (2025) Genomic Phylogenetic Analysis of *Physaliastrum* and *Archiphysalis* (Solanaceae): Insights From Chloroplast Genomes Indicate Distinct Evolutionary Relationships. *Ecology and evolution*, 15(7), e71762.

- Trinh LT, et al. (2025) Positive autoregulation of Sox17 is necessary for gallbladder and extrahepatic bile duct formation. *Development (Cambridge, England)*, 152(2).
- Wang Q, et al. (2025) The complete chloroplast genome sequences of three *Cypripedium* species and their phylogenetic analysis. *Scientific reports*, 15(1), 13461.
- Yang M, et al. (2025) Phylogenetic analysis of nine *Impatiens* species from subgenus *Clavicularia* and subgenus *Impatiens* (Sect. *Impatiens* and Sect. *Racemosae*) based on chloroplast genomes. *Frontiers in plant science*, 16, 1541320.
- Lin Z, et al. (2025) Comparative and phylogenetic analysis of complete chloroplast genomes of *Phrynium* s. s. and *Stachyphrynium* (Marantaceae) in China, including a new species. *Frontiers in plant science*, 16, 1569683.
- Ikeda M, et al. (2025) Transcriptome Analysis Suggested Striking Transition Around the End of Epiboly in the Gene Regulatory Network Downstream of the Oct4-Type POU Gene in Zebrafish Embryos. *Development, growth & differentiation*, 67(5), 245.
- Yoro E, et al. (2025) The transcription factor PpRKD evokes female developmental fate in the sexual reproductive organs of *Physcomitrium patens*. *The New phytologist*, 245(2), 653.
- Huang M, et al. (2025) Comparative analysis of chloroplast genomes and transcriptomics reveals the adaptation of *Glycyrrhiza* to salt stress. *Plant signaling & behavior*, 20(1), 2584568.
- Ji Y, et al. (2025) Complete chloroplast genome of *Ecklonia maxima* and comparative analysis with related species. *BMC genomics*, 27(1), 105.
- Zheng Z, et al. (2025) Comparative and phylogenetic study on the chloroplast genomes of CMS with the cytoplasm of *Aegilops ovata* and its maintainer line in wheat. *BMC genomics*, 26(1), 1155.
- Ohm H, et al. (2025) Comprehensive identification of the PEBP gene family in *Vicia faba* highlighting VtTFL1a variation and phenotypic insights into determinate growth. *Scientific reports*, 15(1), 28687.
- Zhong Q, et al. (2025) Comparative and phylogenetic analysis of the complete chloroplast genome sequences of *Melanoseris cyanea* group. *Scientific reports*, 15(1), 10566.
- Zheng E, et al. (2025) Comparative analysis of chloroplast genomes and phylogenetic relationships of different pitaya cultivars. *BMC genomics*, 26(1), 463.