# Resource Summary Report

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## VISTA Browser

RRID:SCR_011808
Type: Tool

### Proper Citation

VISTA Browser (RRID:SCR_011808)

### Resource Information

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

**Proper Citation:** VISTA Browser (RRID:SCR_011808)

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

**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

**Record Last Update:** 20250429T055454+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 74 mentions in open access literature.

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

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.

Yao J, et al. (2025) Chloroplast Genome Sequencing and Comparative Analysis of Six Medicinal Plants of Polygonatum. Ecology and evolution, 15(1), e70831.

Negrón-Piñeiro LJ, et al. (2024) Cis-regulatory interfaces reveal the molecular mechanisms underlying the notochord gene regulatory network of Ciona. Nature communications, 15(1), 3025.

Cormier SA, et al. (2024) Identification of a Chondrocyte-Specific Enhancer in the Hoxc8 Gene. Journal of developmental biology, 12(1).

Yang S, et al. (2024) Comparative chloroplast genomes of Dactylicapnos species: insights into phylogenetic relationships. BMC plant biology, 24(1), 350.

Futas J, et al. (2024) Comparative genomics of the Natural Killer Complex in carnivores. Frontiers in immunology, 15, 1459122.

Kwon SH, et al. (2024) Genetic Insights into the Extremely Dwarf Hibiscus syriacus var. micranthus: Complete Chloroplast Genome Analysis and Development of a Novel dCAPS Marker. Current issues in molecular biology, 46(3), 2757.

He G, et al. (2024) Identification of Salvia miltiorrhiza germplasm resources based on metabolomics and DNA barcoding. Frontiers in pharmacology, 15, 1518906.

Li Y, et al. (2024) Genomic Sequencing and Analysis of Enzootic Nasal Tumor Virus Type 2 Provides Evidence for Recombination within the Prevalent Chinese Strains. Veterinary sciences, 11(6).

Gautam S, et al. (2024) Evolutionarily conserved Wnt/Sp5 signaling is critical for anterior-posterior axis patterning in sea urchin embryos. iScience, 27(1), 108616.

Chen Y, et al. (2024) Chloroplast genome data of five Amygdalus species: Clarifying genome structure and phylogenetic relationships. Data in brief, 53, 110077.

Konuma J, et al. (2024) Odd-Paired is Involved in Morphological Divergence of Snail-Feeding Beetles. Molecular biology and evolution, 41(6).

Bower G, et al. (2024) Conserved Cis-Acting Range Extender Element Mediates Extreme Long-Range Enhancer Activity in Mammals. bioRxiv : the preprint server for biology.

Lax C, et al. (2024) Symmetric and asymmetric DNA N6-adenine methylation regulates different biological responses in Mucorales. Nature communications, 15(1), 6066.

Hu J, et al. (2024) The complete chloroplast genome sequences of nine melon varieties (Cucumis melo L.): lights into comparative analysis and phylogenetic relationships. Frontiers in genetics, 15, 1417266.

Niu Z, et al. (2023) Complete plastid genome structure of 13 Asian Justicia (Acanthaceae) species: comparative genomics and phylogenetic analyses. BMC plant biology, 23(1), 564.

Zhao J, et al. (2023) Phylogenetics Study to Compare Chloroplast Genomes in Four Magnoliaceae Species. Current issues in molecular biology, 45(11), 9234.

Shi N, et al. (2023) Comparative analysis of the medicinal plant Polygonatum kingianum (Asparagaceae) with related verticillate leaf types of the Polygonatum species based on chloroplast genomes. Frontiers in plant science, 14, 1202634.

Jia W, et al. (2022) The Annotation of Zebrafish Enhancer Trap Lines Generated with PB Transposon. Current issues in molecular biology, 44(6), 2614.

Trinh LT, et al. (2022) Differential regulation of alternate promoter regions in Sox17 during endodermal and vascular endothelial development. iScience, 25(9), 104905.