

# Resource Summary Report

Generated by NIF on May 16, 2025

## GENSCAN

RRID:SCR\_013362

Type: Tool

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### Proper Citation

GENSCAN (RRID:SCR\_013362)

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### Resource Information

**URL:** <http://genes.mit.edu/GENSCAN.html>

**Proper Citation:** GENSCAN (RRID:SCR\_013362)

**Description:** Web server for identification of complete gene structures in genomic DNA. Tool for predicting locations and exon-intron structures of genes in genomic sequences from variety of organisms. Used for prediction of complete gene structures in human genomic DNA.

**Abbreviations:** genscan

**Synonyms:** GENSCAN Web Server at MIT

**Resource Type:** production service resource, analysis service resource, data analysis service, service resource

**Defining Citation:** [PMID:9149143](#)

**Keywords:** complete gene structures identification, genomic DNA, predicting locations, exon-intron structures, genomic sequences, bio.tools

**Funding:**

**Availability:** Restricted

**Resource Name:** GENSCAN

**Resource ID:** SCR\_013362

**Alternate IDs:** biotools:genscan, OMICS\_01494

**Alternate URLs:** <https://bio.tools/genscan>

**Record Creation Time:** 20220129T080315+0000

**Record Last Update:** 20250516T054018+0000

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## Ratings and Alerts

No rating or validation information has been found for GENSCAN.

No alerts have been found for GENSCAN.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 760 mentions in open access literature.

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

Liu J, et al. (2025) Chromosome-level genome assembly of the seasonally polyphenic scorpionfly (*Panorpa liui*). *Scientific data*, 12(1), 22.

Zou X, et al. (2025) Chromosome-level genome assembly of the pine wood nematode carrier *Arhopalus unicolor*. *Scientific data*, 12(1), 111.

Chen Y, et al. (2025) An improved chromosome-level genome assembly and annotation of Hong Kong catfish (*Clarias fuscus*). *Scientific data*, 12(1), 193.

Sun S, et al. (2024) Chromosomal-scale genome assembly and annotation of the land slug (*Meghimatium bilineatum*). *Scientific data*, 11(1), 35.

Hu R, et al. (2024) A Chromosomal-Level Genome of *Dermatophagoides farinae*, a Common Allergenic Mite Species. *International journal of genomics*, 2024, 3779688.

Wang S, et al. (2024) Chromosome-level assembly and analysis of *Camelina neglecta*: a novel diploid model for Camelina biotechnology research. *Biotechnology for biofuels and bioproducts*, 17(1), 17.

Zhou C, et al. (2024) The first chromosomal-level genome assembly and annotation of white suckerfish *Remora albescens*. *Scientific data*, 11(1), 523.

Moawad AS, et al. (2024) Evolution of Endogenous Retroviruses in the Subfamily of Caprinae. *Viruses*, 16(3).

Han C, et al. (2024) Chromosome-level genome assembly and annotation of the cold-water species *Ophiura sarsi*. *Scientific data*, 11(1), 560.

Zhang C, et al. (2024) Genome resequencing reveals the genetic basis of population evolution, local adaptation, and rewiring of the rhizome metabolome in *Atractylodes lancea*. *Horticulture research*, 11(8), uhae167.

Cheng Y, et al. (2024) A chromosome-level genome assembly of the *Echiura Urechis unicinctus*. *Scientific data*, 11(1), 90.

Wang R, et al. (2024) Dipterocarpoidae genomics reveal their demography and adaptations to Asian rainforests. *Nature communications*, 15(1), 1683.

Liu G, et al. (2024) Comparative Genomics Provides Insights into Adaptive Evolution and Demographics of Bats. *Molecular biology and evolution*, 41(12).

Ma Y, et al. (2024) Chromosome-level genome assembly of American sweetgum (*Liquidambar styraciflua*, *Altingiaceae*). *Scientific data*, 11(1), 1078.

He Z, et al. (2024) The whole chromosome-level genome provides resources and insights into the endangered fish *Percocypris pingi* evolution and conservation. *BMC genomics*, 25(1), 1175.

Sun Q, et al. (2024) Integrated multi-approaches reveal unique metabolic mechanisms of *Vestimentifera* to adapt to deep sea. *Microbiome*, 12(1), 241.

Feng S, et al. (2024) Chromosome-scale genome assembly of *Lepus oistolus* (*Lepus*, *Leporidae*). *Scientific data*, 11(1), 183.

Lü Z, et al. (2024) Chromosome-level genome assembly and annotation of eel goby (*Odontamblyopus rebecca*). *Scientific data*, 11(1), 160.

Utsumi H, et al. (2024) Deficiency of mastl, a mitotic regulator, results in cell detachment from developing tissues of zebrafish embryos. *Frontiers in cell and developmental biology*, 12, 1375655.

Gao T, et al. (2024) An improved chromosome-level genome assembly and annotation of *Echeneis naucrates*. *Scientific data*, 11(1), 452.