Resource Summary Report

Generated by dkNET on May 17, 2025

GENSCAN

RRID:SCR_013362
Type: Tool

Proper Citation

GENSCAN (RRID:SCR_013362)

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, data analysis service, service resource, analysis service resource

Defining Citation: PMID:9149143

Keywords: complete gene structures identyfication, 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: 20250517T060107+0000

Ratings and Alerts

No rating or validation information has been found for GENSCAN.

No alerts have been found for GENSCAN.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 760 mentions in open access literature.

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

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 sarsii. 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.

Wang Y, et al. (2024) Insights into the adaptive evolution of chromosome and essential traits through chromosome-level genome assembly of Gekko japonicus. iScience, 27(1), 108445.

Feng S, et al. (2024) Chromosome-scale genome assembly of Lepus oiostolus (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.

Ren X, et al. (2024) Chromosome-level genome of the long-tailed marine-living ornate spiny lobster, Panulirus ornatus. Scientific data, 11(1), 662.