

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

GeneSeeker

RRID:SCR_008347

Type: Tool

Proper Citation

GeneSeeker (RRID:SCR_008347)

Resource Information

URL: <http://www.cmbi.ru.nl/GeneSeeker/>

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Description: The GeneSeeker allows you to search across different databases simultaneously, given a known human genetic location and expression/phenotypic pattern. The GeneSeeker returns any found gene names which are located on the specified location and expressed in the specified tissue. To search for more expression location in one search, just enter them in the textbox for the expression location and separate them with logical operators (and, or, not). You can specify as many tissues as you want, the program starts 20 queries simultaneously, and then waits for a query to finish before starting another query, to keep server loads to a minimum. You can also search only for expression, just leave the cytogenetic location fields blank, and do the query. If you only want to look for one cytogenetic location, only fill in the first location field, and the GeneSeeker will search with only this one. Housekeeping genes, found in Swissprot can be excluded, or genes that are to be excluded can be specified. Human chromosome localizations are translated with an oxford-grid to mouse chromosome localizations, and then submitted to the Mgd. Sponsors: GeneSeeker is a service provided by the Centre for Molecular and Biomolecular Informatics (CMBI).

Synonyms: GeneSeeker

Resource Type: database, data or information resource

Keywords: expression, federated database, gene, genetic, biomolecular, chromosome, cytogenetic, database, human, localization, location, molecular, pattern, phenotypic, tissue, bio.tools

Resource Name: GeneSeeker

Resource ID: SCR_008347

Alternate IDs: biotools:geneseecker, nif-0000-25211

Alternate URLs: <https://bio.tools/geneseeker>

Record Creation Time: 20220129T080246+0000

Record Last Update: 20260808T190421+0000

Ratings and Alerts

No rating or validation information has been found for GeneSeeker.

No alerts have been found for GeneSeeker.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Wang J, et al. (2015) Pathway and network approaches for identification of cancer signature markers from omics data. *Journal of Cancer*, 6(1), 54.

Gilfillan GD, et al. (2008) SLC9A6 mutations cause X-linked mental retardation, microcephaly, epilepsy, and ataxia, a phenotype mimicking Angelman syndrome. *American journal of human genetics*, 82(4), 1003.

Zhu M, et al. (2007) Candidate gene identification approach: progress and challenges. *International journal of biological sciences*, 3(7), 420.

van Driel MA, et al. (2006) Bioinformatics methods for identifying candidate disease genes. *Human genomics*, 2(6), 429.

Fox JA, et al. (2005) The Bioinformatics Links Directory: a compilation of molecular biology web servers. *Nucleic acids research*, 33(Web Server issue), W3.