

Resource Summary Report

Generated by SPARC SAWG on Sep 16, 2026

Geneshot

RRID:SCR_017582

Type: Tool

Proper Citation

Geneshot (RRID:SCR_017582)

Resource Information

URL: <https://amp.pharm.mssm.edu/geneshot/>

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Description: Software tool as search engine for ranking genes from arbitrary text queries. Enables to enter arbitrary search terms, to receive ranked lists of genes relevant to search terms. Returned ranked gene lists contain genes that were previously published in association with search terms, as well as genes predicted to be associated with terms based on data integration from multiple sources. Search results are presented with interactive visualizations.

Resource Type: data access protocol, software resource, web service

Defining Citation: [PMID:31114885](#)

Keywords: Ranking, gene, arbitrary, text, query, list, predict, association, data, integration, interactive, visualization, bio.tools

Funding: NCI U24 CA224260;
NHLBI U54 HL127624;
NIGMS T32 GM062754;
NIH Office of the Director OT3OD025467

Availability: Free, Freely available

Resource Name: Geneshot

Resource ID: SCR_017582

Alternate IDs: biotools:Geneshot

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

Record Creation Time: 20220129T080335+0000

Ratings and Alerts

No rating or validation information has been found for Geneshot.

No alerts have been found for Geneshot.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Elleman AV, et al. (2026) Tension TRAAKer: a chemigenetic fluorescent membrane tension reporter. bioRxiv : the preprint server for biology.

Marino GB, et al. (2025) GeneSetCart: assembling, augmenting, combining, visualizing, and analyzing gene sets. GigaScience, 14.

Wager K, et al. (2024) Using bioinformatics and artificial intelligence to map the cyclin-dependent kinase 4/6 inhibitor biomarker landscape in breast cancer. Future oncology (London, England), 20(40), 3519.

Saez-Atienzar S, et al. (2024) Mechanism-free repurposing of drugs for C9orf72-related ALS/FTD using large-scale genomic data. Cell genomics, 4(11), 100679.

Santos M, et al. (2023) The Impact of BDNF, NTRK2, NGFR, CREB1, GSK3B, AKT, MAPK1, MTOR, PTEN, ARC, and SYN1 Genetic Polymorphisms in Antidepressant Treatment Response Phenotypes. International journal of molecular sciences, 24(7).

Iyer VS, et al. (2020) Designing custom CRISPR libraries for hypothesis-driven drug target discovery. Computational and structural biotechnology journal, 18, 2237.