

Resource Summary Report

Generated by SPARC SAWG on Jul 30, 2026

GeneNetWorks

RRID:SCR_008034

Type: Tool

Proper Citation

GeneNetWorks (RRID:SCR_008034)

Resource Information

URL: <http://wwwmgs.bionet.nsc.ru/mgs/gnw/about.shtml>

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Description: GeneNetWorks is designed for accumulation of experimental data, data navigation, data analysis, and analysis of dependencies in the field of gene expression regulation. It integrates the databases and programs for processing the data about structure and function of DNA, RNA, and proteins, together with the other information resources important for gene expression description. The unique property of above described system is that all the resources within the system GeneNetWorks are divided according to the natural hierarchy of molecular genetic systems and has the following levels: (1) DNA; (2) RNA; (3) proteins; and (4) gene networks. Each module contains: 1) experimental data represented as a database or some sample; 2) program for data analysis; 3) results of an automated data processing; 4) tools for the graphical representation of these data and the results of the data analyses.

Synonyms: GNW

Resource Type: software application, data analysis software, data or information resource, database, software resource, data processing software, data visualization software, data acquisition software

Keywords: experimental, expression, gene, gene regulation, genetic, analysis, data, dna, graphical, molecular, navigation, network, program, protein, rna, software, system

Resource Name: GeneNetWorks

Resource ID: SCR_008034

Alternate IDs: nif-0000-10232

Record Creation Time: 20220129T080245+0000

Record Last Update: 20260729T044158+0000

Ratings and Alerts

No rating or validation information has been found for GeneNetWorks.

No alerts have been found for GeneNetWorks.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Steuerma Y, et al. (2016) Exploiting Gene-Expression Deconvolution to Probe the Genetics of the Immune System. PLoS computational biology, 12(4), e1004856.