

# Resource Summary Report

Generated by [Kravitz](#) on Sep 17, 2026

## GeneNetworkBuilder

RRID:SCR\_006455

Type: Tool

### Proper Citation

GeneNetworkBuilder (RRID:SCR\_006455)

### Resource Information

**URL:** <http://www.bioconductor.org/packages/devel/bioc/html/GeneNetworkBuilder.html>

**Proper Citation:** GeneNetworkBuilder (RRID:SCR\_006455)

**Description:** Software application for discovering direct or indirect targets of transcription factors (TFs) using ChIP-chip or ChIP-seq, and microarray or RNA-seq gene expression data. Inputting a list of genes of potential targets of one TF from ChIP-chip or ChIP-seq, and the gene expression results, it generates a regulatory network of the TF.

**Abbreviations:** GeneNetworkBuilder

**Synonyms:** GeneNetworkBuilder - Build Regulatory Network from ChIP-chip/ChIP-seq and Expression Data

**Resource Type:** software application, software resource

**Keywords:** transcription factor, graph, network, microarray, sequencing, chip-chip, chip-seq, gene expression, regulatory network, target

**Availability:** GNU General Public License, v2 or greater

**Resource Name:** GeneNetworkBuilder

**Resource ID:** SCR\_006455

**Alternate IDs:** OMICS\_00806, OMICS\_01971

**Alternate URLs:**

<http://www.bioconductor.org/packages/release/bioc/html/GeneNetworkBuilder.html>

**Record Creation Time:** 20220129T080236+0000

**Record Last Update:** 20260912T200236+0000

### Ratings and Alerts

No rating or validation information has been found for GeneNetworkBuilder.

No alerts have been found for GeneNetworkBuilder.

---

## Data and Source Information

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

---

## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Garfinkle EAR, et al. (2024) CBFA2T3-GLIS2 mediates transcriptional regulation of developmental pathways through a gene regulatory network. Nature communications, 15(1), 8747.

Harman JR, et al. (2021) A KMT2A-AFF1 gene regulatory network highlights the role of core transcription factors and reveals the regulatory logic of key downstream target genes. Genome research, 31(7), 1159.