

# Resource Summary Report

Generated by SPARC SAWG on Jul 28, 2026

## ggraph

RRID:SCR\_021239

Type: Tool

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### Proper Citation

ggraph (RRID:SCR\_021239)

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### Resource Information

**URL:** <https://ggraph.data-imaginist.com/>

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**Description:** Software tool as extension of ggplot2 aimed at supporting relational data structures such as networks, graphs, and trees. While it builds upon foundation of ggplot2 and its API it comes with its own self-contained set of geoms, facets, etc., as well as adding concept of layouts to grammar.

**Synonyms:** grammar of graphics for relational data

**Resource Type:** software application, data visualization software, data processing software, software resource

**Keywords:** Relational data structures support, data networks, data graphs, data trees

**Availability:** Free, Available for download, Freely available

**Resource Name:** ggraph

**Resource ID:** SCR\_021239

**Alternate URLs:** <https://CRAN.R-project.org/package=ggraph>,  
<https://github.com/thomasp85/ggraph/>

**License:** MIT

**Record Creation Time:** 20220129T080354+0000

**Record Last Update:** 20260728T043618+0000

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### Ratings and Alerts

No rating or validation information has been found for ggraph.

No alerts have been found for ggraph.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Shoeb MR, et al. (2025) A stem cell differentiation model reveals two alternative fates in CBFA2T3::GLIS2-driven acute megakaryoblastic leukemia initiation. *Communications biology*, 8(1), 1289.

Baril T, et al. (2025) Historic transposon mobilisation waves create distinct pools of adaptive variants in a major crop pathogen. *Nature communications*, 16(1), 9961.

Zhang Q, et al. (2025) Integrated Transcriptome and Metabolome Analyses Reveal the Roles of MADS-Box Genes in Regulating Flower Development and Metabolite Accumulation in *Osmanthus fragran*. *Current issues in molecular biology*, 47(10).

Goldmann U, et al. (2025) Data- and knowledge-derived functional landscape of human solute carriers. *Molecular systems biology*, 21(6), 599.

Peng H, et al. (2025) Longitudinal gut microbiota tracking reveals the dynamics of horizontal gene transfer. *Nature communications*, 16(1), 11543.

Dony L, et al. (2025) Chronic exposure to glucocorticoids amplifies inhibitory neuron cell fate during human neurodevelopment in organoids. *Science advances*, 11(7), eadn8631.

Giamundo G, et al. (2025) Ezrin defines TSC complex activation at endosomal compartments through EGFR-AKT signaling. *eLife*, 13.

Gu H, et al. (2025) Land conversion to cropland homogenizes variation in soil biota, gene assemblages, and ecological strategies on local and regional scales. *The ISME journal*, 19(1).

Liu HT, et al. (2025) Overexpression of STOML1 is associated with good prognosis in nasopharyngeal carcinoma. *Oncology letters*, 30(4), 461.

Siu JHY, et al. (2025) Early lymph node T follicular helper cell signalling hub drives influenza vaccine response in an ancestrally diverse cohort. *EBioMedicine*, 122, 106036.

Billah NMA, et al. (2025) Integrative analysis of Hub1 overexpression: driving transcriptional reprogramming and alternative splicing in *Saccharomyces cerevisiae*. *BMC genomics*, 26(1), 885.

Wang K, et al. (2024) Protocol for fast clonal family inference and analysis from large-scale B cell receptor repertoire sequencing data. STAR protocols, 5(2), 102969.

Salas R, et al. (2024) Breeding density affects the movements of gull chicks, the size of their home ranges and their association with neighbours. Royal Society open science, 11(5), 231431.

Gracia-Tabuenca Z, et al. (2024) Predicting depression risk in early adolescence via multimodal brain imaging. NeuroImage. Clinical, 42, 103604.

Tang Z, et al. (2024) Longitudinal integrative cell-free DNA analysis in gestational diabetes mellitus. Cell reports. Medicine, 5(8), 101660.

Freire-Zapata V, et al. (2024) Microbiome-metabolite linkages drive greenhouse gas dynamics over a permafrost thaw gradient. Nature microbiology, 9(11), 2892.

Mazzarella T, et al. (2024) Effect of exogenous treatment with zaxinone and its mimics on rice root microbiota across different growth stages. Scientific reports, 14(1), 31374.

Paciello I, et al. (2024) Antigenic sin and multiple breakthrough infections drive converging evolution of COVID-19 neutralizing responses. Cell reports, 43(9), 114645.

Suster CJE, et al. (2024) Combined visualization of genomic and epidemiological data for outbreaks. Epidemiology and infection, 152, e110.

Sun Y, et al. (2024) Hierarchical marker genes selection in scRNA-seq analysis. PLoS computational biology, 20(12), e1012643.