

Resource Summary Report

Generated by [RRID](#) on Aug 15, 2026

[decoupleR](#)

RRID:SCR_027127

Type: Tool

Proper Citation

decoupleR (RRID:SCR_027127)

Resource Information

URL: <https://www.bioconductor.org/packages/devel/bioc/html/decoupleR.html>

Proper Citation: decoupleR (RRID:SCR_027127)

Description: Software R package to infer biological activities from omics data using collection of methods.

Resource Type: software toolkit, source code, software resource

Defining Citation: [PMID:36699385](#)

Keywords: infer biological activities from omics data, omics data, biological activities,

Funding: European Union Horizon 2020

Availability: Free, Available for download, Freely available

Resource Name: decoupleR

Resource ID: SCR_027127

Alternate URLs: <https://github.com/saezlab/decoupleR/?tab=readme-ov-file>

License: GNU GPL

Record Creation Time: 20250702T060923+0000

Record Last Update: 20260815T042952+0000

Ratings and Alerts

No rating or validation information has been found for decoupleR.

No alerts have been found for decoupleR.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Sato K, et al. (2026) Aberrant Hippo-YAP/TEAD Signaling Drives Malignant Transcriptional Reprogramming in External Auditory Canal Squamous Cell Carcinoma. *Cancer research communications*, 6(2), 260.

Sakrepatna Nagaraj A, et al. (2026) Ex Vivo Immuno-Oncology Platform Reveals Spatial T-cell Infiltration Patterns Linked to ATR Inhibition Responses in High-Grade Serous Ovarian Cancer. *Cancer immunology research*, 14(4), 625.

Wanner N, et al. (2026) Lysine-specific histone demethylase 1a regulates nephron development and long-term transcriptional programming. *JCI insight*, 11(5).

Collot R, et al. (2026) IGSF11-VISTA is a critical and targetable immune checkpoint axis in diffuse midline glioma. *Cancer cell*, 44(3), 641.

Horn S, et al. (2025) IL-1 protects from fatal systemic candidiasis in mice by inhibiting oxidative phosphorylation and hypoxia. *Nature communications*, 16(1), 2626.

Yu B, et al. (2025) Neonatal-Inspired Reprogramming of Microglial Pan-Programmed Cell Death Enhances Regeneration in Adult Spinal Cord Injury. *Research (Washington, D.C.)*, 8, 0759.

Song Z, et al. (2025) Mega-scale single-cell profiling reveals novel biomarkers associated with acute GvHD after allogeneic hematopoietic stem cell transplantation. *Biomarker research*, 13(1), 155.

Gregory GE, et al. (2025) The tumour immune microenvironment is enriched but suppressed in vestibular schwannoma compared to meningioma: therapeutic implications for NF2-related schwannomatosis. *Acta neuropathologica communications*, 13(1), 256.

Brummel K, et al. (2025) Spatiotemporal Immune Landscape and Long-term Immune Memory in POLE-Mutant Endometrial Cancer at the Single-Cell Level. *Cancer immunology research*, 13(12), 1911.

Ghasemi DR, et al. (2024) Compartments in medulloblastoma with extensive nodularity are connected through differentiation along the granular precursor lineage. *Nature communications*, 15(1), 269.

Moretton A, et al. (2023) A metabolic map of the DNA damage response identifies PRDX1 in the control of nuclear ROS scavenging and aspartate availability. *Molecular systems biology*, 19(7), e11267.