# **Resource Summary Report**

Generated by NIF on Apr 29, 2025

## **EnhancedVolcano**

RRID:SCR\_018931

Type: Tool

## **Proper Citation**

EnhancedVolcano (RRID:SCR\_018931)

#### **Resource Information**

URL: https://bioconductor.org/packages/EnhancedVolcano/

**Proper Citation:** EnhancedVolcano (RRID:SCR\_018931)

**Description:** Software R package to produce publication ready volcano plots with enhanced colouring and labeling. Used to visualise results of differential expression analyses.

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

**Keywords:** Publication ready plot, enhanced coloring, enhanced labeling, data visualisation, differential expression analyses, plot, volcano plot

**Funding:** 

Availability: Free, Available for download, Freely available

Resource Name: EnhancedVolcano

Resource ID: SCR 018931

Alternate URLs: https://github.com/kevinblighe/EnhancedVolcano

License: GNU GPL v3

**Record Creation Time:** 20220129T080342+0000

**Record Last Update:** 20250429T060026+0000

## Ratings and Alerts

No rating or validation information has been found for EnhancedVolcano.

No alerts have been found for EnhancedVolcano.

### **Data and Source Information**

Source: SciCrunch Registry

## **Usage and Citation Metrics**

We found 318 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF.

Sánchez-García S, et al. (2025) Immunometabolic Effect of Nitric Oxide on Human Macrophages Challenged With the SARS-CoV2-Induced Cytokine Storm. A Fluxomic Approach. Advanced healthcare materials, 14(1), e2401688.

Jog E, et al. (2025) Inhibiting de novo lipogenesis identifies a therapeutic vulnerability in therapy-resistant colorectal cancer. Redox biology, 79, 103458.

Venturini E, et al. (2025) Functional characterization of the DUF1127-containing small protein YjiS of Salmonella Typhimurium. microLife, 6, uqae026.

Grimes JM, et al. (2025) Oncolytic reprogramming of tumor microenvironment shapes CD4 T-cell memory via the IL6ra-Bcl6 axis for targeted control of glioblastoma. Nature communications, 16(1), 1095.

Renner DM, et al. (2025) Betacoronaviruses Differentially Activate the Integrated Stress Response to Optimize Viral Replication in Lung-Derived Cell Lines. Viruses, 17(1).

Pleguezuelos-Manzano C, et al. (2025) Dual RNA sequencing of a co-culture model of Pseudomonas aeruginosa and human 2D upper airway organoids. Scientific reports, 15(1), 2222.

Kolesnikova A, et al. (2025) Drought Response in the Transcriptome and Ionome of Wild and Domesticated Lablab purpureus L. Sweet, an Underutilized Legume. Plant-environment interactions (Hoboken, N.J.), 6(1), e70027.

Naidovski N, et al. (2025) Human macrophage response to the emerging enteric pathogen Aeromonas veronii: Inflammation, apoptosis, and downregulation of histones. Virulence, 16(1), 2440554.

Yardeni T, et al. (2025) Mitochondrial DNA lineages determine tumor progression through T cell reactive oxygen signaling. Proceedings of the National Academy of Sciences of the United States of America, 122(1), e2417252121.

Diotallevi F, et al. (2025) Circulating MicroRNAs in Patients with Psoriasis Treated with Anti-IL-23: A Cohort Study. Dermatology and therapy, 15(1), 125.

Bessede A, et al. (2024) TROP2 Is Associated with Primary Resistance to Immune Checkpoint Inhibition in Patients with Advanced Non-Small Cell Lung Cancer. Clinical cancer research: an official journal of the American Association for Cancer Research, 30(4), 779.

Zhang Y, et al. (2024) Epigenetic Dynamics in Meniscus Cell Migration and its Zonal Dependency in Response to Inflammatory Conditions: Implications for Regeneration Strategies. bioRxiv: the preprint server for biology.

Zhang X, et al. (2024) Enhanced Complement Expression in the Tumor Microenvironment Following Neoadjuvant Therapy: Implications for Immunomodulation and Survival in Pancreatic Ductal Adenocarcinoma. Research square.

Flores-Mendez M, et al. (2024) IMPDH2 filaments protect from neurodegeneration in AMPD2 deficiency. EMBO reports, 25(9), 3990.

Zhang G, et al. (2024) Spi1 regulates the microglial/macrophage inflammatory response via the PI3K/AKT/mTOR signaling pathway after intracerebral hemorrhage. Neural regeneration research, 19(1), 161.

Cruchaga C, et al. (2024) Multi-cohort cerebrospinal fluid proteomics identifies robust molecular signatures for asymptomatic and symptomatic Alzheimer's disease. Research square.

Lavogina D, et al. (2024) Inhibition of epigenetic and cell cycle-related targets in glioblastoma cell lines reveals that onametostat reduces proliferation and viability in both normoxic and hypoxic conditions. Scientific reports, 14(1), 4303.

AbuMazen N, et al. (2024) Nasopharyngeal metatranscriptomics reveals host-pathogen signatures of pediatric sinusitis. medRxiv: the preprint server for health sciences.

Plata-Gómez AB, et al. (2024) Hepatic nutrient and hormone signaling to mTORC1 instructs the postnatal metabolic zonation of the liver. Nature communications, 15(1), 1878.

Back S, et al. (2024) Genetic characterization of a locus responsible for low pungency using EMS-induced mutants in Capsicum annuum L. TAG. Theoretical and applied genetics. Theoretische und angewandte Genetik, 137(5), 101.