Resource Summary Report

Generated by Kravitz on Sep 10, 2026

GEDIT

RRID:SCR_019277
Type: Tool

Proper Citation

GEDIT (RRID:SCR_019277)

Resource Information

URL: https://github.com/BNadel/GEDIT

Proper Citation: GEDIT (RRID:SCR_019277)

Description: Software tool for accurate cell type quantification from gene expression data. Uses gene expression data to estimate cell type abundances. Allows user to supply custom reference matrices.

Synonyms: Gene Expression Deconvolution Interactive Tool

Resource Type: analysis service resource, data access protocol, production service resource, service resource, software resource, web service

Defining Citation: DOI:10.1101/728493

Keywords: bio.tools

Availability: Free, Freely available

Resource Name: GEDIT

Resource ID: SCR_019277

Alternate IDs: biotools:gedit

Alternate URLs: http://webtools.mcdb.ucla.edu/, https://bio.tools/gedit

License: MIT licence

Record Creation Time: 20220129T080344+0000

Record Last Update: 20260905T132848+0000

Ratings and Alerts

No rating or validation information has been found for GEDIT.

No alerts have been found for GEDIT.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Prasanphanich NS, et al. (2025) Granulysin-high decidual NK cells in macaques and humans share signatures of immune defense. Cell reports, 44(7), 115943.

Abdallah AM, et al. (2025) Immune transcriptomic analysis on COVID-19 patients with varying clinical presentations identifies severity markers. Scientific reports, 15(1), 23416.

Prabahar A, et al. (2025) Transcriptomic landscape around wound bed defines regenerative versus non-regenerative outcomes in mouse digit amputation. PLoS computational biology, 21(4), e1012997.

Rutz AC, et al. (2025) MYC networks associate with decreased CD8 T-cell presence in diffuse large B-cell lymphoma and may be addressed by the synergistic combination of AZD4573 and Selinexor - a preliminary analysis. Annals of hematology, 104(4), 2403.

Costa Monteiro AC, et al. (2025) Circulating endothelial signatures correlate with worse outcomes in COVID-19, respiratory failure and ARDS. Critical care (London, England), 29(1), 432.

Aguirre B, et al. (2024) Epithelial Membrane Protein 2 (EMP2) Blockade Attenuates Pathological Neovascularization in Murine Oxygen-Induced Retinopathy. Investigative ophthalmology & visual science, 65(8), 10.

Suwatthanarak T, et al. (2024) Spatial Transcriptomic Profiling of Tetraspanins in Stage 4 Colon Cancer from Primary Tumor and Liver Metastasis. Life (Basel, Switzerland), 14(1).

Bailey P, et al. (2023) Driver gene combinations dictate cutaneous squamous cell carcinoma disease continuum progression. Nature communications, 14(1), 5211.

Yang JO, et al. (2023) Whole Blood Transcriptomics Identifies Subclasses of Pediatric Septic Shock. Research square.

Sharifi E, et al. (2022) Unraveling molecular mechanism underlying biomaterial and stem cells interaction during cell fate commitment using high throughput data analysis. Gene, 812, 146111.

Shin S, et al. (2021) Single Cell Gene Transcriptome Analysis of Ovarian Mature Teratomas. Pathology oncology research : POR, 27, 604228.

Nadel BB, et al. (2021) The Gene Expression Deconvolution Interactive Tool (GEDIT): accurate cell type quantification from gene expression data. GigaScience, 10(2).