

Resource Summary Report

Generated by SPARC SAWG on Sep 15, 2026

PCAGO

RRID:SCR_017033

Type: Tool

Proper Citation

PCAGO (RRID:SCR_017033)

Resource Information

URL: <https://pcago.bioinf.uni-jena.de/>

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Description: Interactive web service for analysis of RNA-Seq read count data with principal component analysis (PCA) and agglomerative clustering. Includes features like read count normalization, filtering read counts by gene annotation and visualization options.

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

Defining Citation: [DOI:10.1101/433078](https://doi.org/10.1101/433078)

Keywords: analysis, RNAseq, read, count, data, principal, component, analysis, PCA, agglomerative, clustering, normalization, filtering, gene, annotation, visualization

Funding: Deutsche Forschungsgemeinschaft (DFG) ;
International Leibniz Research School for Microbial and Biomolecular Interactions

Availability: Free, Freely available

Resource Name: PCAGO

Resource ID: SCR_017033

Alternate IDs: OMICS_32232

Record Creation Time: 20220129T080333+0000

Record Last Update: 20260912T195847+0000

Ratings and Alerts

No rating or validation information has been found for PCAGO.

No alerts have been found for PCAGO.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Marson L, et al. (2026) Targeting histone deacetylation, cell cycle regulators and heat shock proteins as novel therapeutic strategies for penile cancers. NPJ precision oncology, 10(1).

Liu C, et al. (2025) Biomimetic fractal topography enhances podocyte maturation in vitro. Nature communications, 16(1), 11116.

Kim SY, et al. (2024) Comparative Analysis of the Biochemical and Molecular Responses of Nannochloropsis gaditana to Nitrogen and Phosphorus Limitation: Phosphorus Limitation Enhances Carotenogenesis. Marine drugs, 22(12).

Skowron MA, et al. (2023) Targeting CLDN6 in germ cell tumors by an antibody-drug-conjugate and studying therapy resistance of yolk-sac tumors to identify and screen specific therapeutic options. Molecular medicine (Cambridge, Mass.), 29(1), 40.

Skowron MA, et al. (2022) Profiling the 3D interaction between germ cell tumors and microenvironmental cells at the transcriptome and secretome level. Molecular oncology, 16(17), 3107.

Sevdali E, et al. (2022) BAFFR activates PI3K/AKT signaling in human naive but not in switched memory B cells through direct interactions with B cell antigen receptors. Cell reports, 39(13), 111019.

Klose J, et al. (2022) Neurodevelopmental toxicity assessment of flame retardants using a human DNT in vitro testing battery. Cell biology and toxicology, 38(5), 781.

Szádeczky-Kardoss I, et al. (2022) Elongation factor TFIIS is essential for heat stress adaptation in plants. Nucleic acids research, 50(4), 1927.

Shimizu T, et al. (2021) Osteocytes as main responders to low-intensity pulsed ultrasound treatment during fracture healing. Scientific reports, 11(1), 10298.

Duman Z, et al. (2020) Short De-Etiolation Increases the Rooting of VC801 Avocado Rootstock. Plants (Basel, Switzerland), 9(11).