

Resource Summary Report

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RCircos

RRID:SCR_003310

Type: Tool

Proper Citation

RCircos (RRID:SCR_003310)

Resource Information

URL: <http://cran.r-project.org/web/packages/RCircos/>

Proper Citation: RCircos (RRID:SCR_003310)

Description: Software package that provides a simple and flexible way to generate Circos 2D track plot images for genomic data visualization. The types of plots include: heatmap, histogram, lines, scatterplot, tiles and plot items for further decorations include connector, link (lines and ribbons), and text (gene) label. All functions require only R graphics package that comes with R base installation.

Synonyms: RCircos: Circos 2D Track Plot

Resource Type: software resource

Defining Citation: [PMID:23937229](#)

Keywords: standalone software, unix/linux, mac os x, windows, r

Availability: Free, Available for download, Freely available

Resource Name: RCircos

Resource ID: SCR_003310

Alternate IDs: OMICS_04661

Alternate URLs: <https://bitbucket.org/henryhzhang/rcircos/>

Record Creation Time: 20220129T080218+0000

Record Last Update: 20260801T190229+0000

Ratings and Alerts

No rating or validation information has been found for RCircos.

No alerts have been found for RCircos.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 245 mentions in open access literature.

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

He Y, et al. (2025) Prediction and validation of anoikis-related genes in neuropathic pain using machine learning. PloS one, 20(2), e0314773.

Du J, et al. (2025) Identification of Periodontal Disease Diagnostic Markers Via Data Cross-Validation. International dental journal, 75(3), 1936.

Wang C, et al. (2025) Integrated multi-omics analysis identifies lipid metabolism biomarkers in ONFH and reveals therapeutic potential of retinoic acid. Scientific reports, 15(1), 30716.

Hailati J, et al. (2025) Targeting PDCD4 in cancer and atrial fibrillation: mechanistic insights from integrated multi-omics and single-cell analysis. Frontiers in oncology, 15, 1593815.

Wang J, et al. (2025) Inhibition of esophageal squamous cell carcinoma progression by MIR210HG and activation of the P53 signaling pathway to promote apoptosis and autophagy. European journal of medical research, 30(1), 269.

Liu F, et al. (2025) Construction of a risk model associated with tryptophan metabolism and identification of related molecular subtypes in laryngeal squamous cell carcinoma. Frontiers in genetics, 16, 1530334.

Gao Z, et al. (2025) Identification of Biomarkers Co-Associated with Lactylation and Acetylation in Systemic Lupus Erythematosus. Biomedicines, 13(6).

Xie H, et al. (2025) Unveiling the mechanisms and promising molecular targets of curcumin in pancreatic cancer through multi-dimensional data. Scientific reports, 15(1), 21951.

Xiang S, et al. (2025) Comprehensive identification of NRG1 fusions in 25,203 patients with solid tumors. NPJ precision oncology, 9(1), 262.

Xu Z, et al. (2025) Prognostic and tumor microenvironmental features of gastric cancer revealed by macrophage polarization and protein lactylation-related genes. Frontiers in genetics, 16, 1541489.

Tu JL, et al. (2025) Identification of fatty acid metabolism hub genes in endometriosis using integrative bioinformatics analysis. *Frontiers in medicine*, 12, 1529074.

Qian C, et al. (2025) Single-cell stemness analysis highlights Midkine-LRP1 pathway and identifies new bladder cancer subtypes. *Cancer cell international*, 25(1), 376.

Huang LJ, et al. (2025) Evaluation of pyroptosis-associated genes in endometrial cancer utilizing a 101-combination machine learning framework and multi-omics data. *Frontiers in medicine*, 12, 1590405.

Kai J, et al. (2025) Identifying key palmitoylation-associated genes in endometriosis through genomic data analysis. *BMC women's health*, 25(1), 161.

Barreau X, et al. (2025) Intra-arterial Injection of OTR4132, a Novel Neuroprotector in Acute Ischemic Stroke: The MaTRISS Trial. *Clinical drug investigation*, 45(11), 877.

Lin W, et al. (2025) Identification and validation of neutrophil-related biomarkers in acute-on-chronic liver failure. *Frontiers in immunology*, 16, 1477342.

Yu Z, et al. (2025) Identifying associations between short tandem repeat sequences and gene expression in yeast reveals specific repeated motifs encoding transcriptional regulatory proteins. *Computational and structural biotechnology journal*, 27, 705.

Huo Y, et al. (2025) Identification of Programmed Cell Death-related Biomarkers for the Potential Diagnosis and Treatment of Osteoporosis. *Endocrine, metabolic & immune disorders drug targets*, 25(11), 864.

Li Y, et al. (2025) Lactate metabolism-related differentially expressed genes reveal biological mechanisms underlying sarcopenia. *Scientific reports*, 15(1), 41689.

Wang R, et al. (2025) RNA adenosine modification writers define characteristics of immunity and prognosis in head and neck squamous cell carcinoma. *Discover oncology*, 16(1), 1909.