

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: 20260725T190538+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 [PRECISE-TBI](#) .

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

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.

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.

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

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.

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.

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.

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.

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.

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.

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.

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.

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.

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