

Resource Summary Report

Generated by [ASWG](#) on Sep 18, 2026

CYCLE

RRID:SCR_001328

Type: Tool

Proper Citation

CYCLE (RRID:SCR_001328)

Resource Information

URL: <http://itb.biologie.hu-berlin.de/~futschik/software/R/cycle/index.html>

Proper Citation: CYCLE (RRID:SCR_001328)

Description: Software package for the identification of periodically expressed genes using Fourier analysis and the statistical assessment of significance using different background models.

Abbreviations: CYCLE

Resource Type: software resource

Defining Citation: [PMID:18310054](#)

Keywords: r, microarray, time course, periodic expression pattern, time-series, bio.tools

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: CYCLE

Resource ID: SCR_001328

Alternate IDs: OMICS_02010, biotools:cycle

Alternate URLs: <http://www.bioconductor.org/packages/release/bioc/html/cycle.html>,
<https://bio.tools/cycle>

Record Creation Time: 20220129T080206+0000

Record Last Update: 20260912T195524+0000

Ratings and Alerts

No rating or validation information has been found for CYCLE.

No alerts have been found for CYCLE.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Becker-Krail DD, et al. (2022) Astrocyte Molecular Clock Function in the Nucleus Accumbens Is Important for Reward-Related Behavior. Biological psychiatry, 92(1), 68.

Litovchenko M, et al. (2021) Extensive tissue-specific expression variation and novel regulators underlying circadian behavior. Science advances, 7(5).

Haspel JA, et al. (2014) Circadian rhythm reprogramming during lung inflammation. Nature communications, 5, 4753.

Wallach T, et al. (2013) Dynamic circadian protein-protein interaction networks predict temporal organization of cellular functions. PLoS genetics, 9(3), e1003398.