

# Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

## CYCLE

RRID:SCR\_001328

Type: Tool

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### Proper Citation

CYCLE (RRID:SCR\_001328)

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### 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:** 20260808T185728+0000

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### Ratings and Alerts

No rating or validation information has been found for CYCLE.

No alerts have been found for CYCLE.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

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.