

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[CircaDB](#)

RRID:SCR_018078

Type: Tool

Proper Citation

CircaDB (RRID:SCR_018078)

Resource Information

URL: <http://circadb.hogeneschlab.org/>

Proper Citation: CircaDB (RRID:SCR_018078)

Description: Database of mammalian circadian gene expression profiles. Works with link outs to Wikipedia, HomoloGene, Refseq, etc.. Open source database of circadian transcriptional profiles from time course expression experiments from mice and humans.

Abbreviations: CircaDB

Synonyms: Circadian gene expression profiles DataBase

Resource Type: data access protocol, data or information resource, database, software resource, web service

Defining Citation: [PMID:23180795](#)

Keywords: Mammalian circadian gene, gene expression, expression profile, mice, human, gene annotation, data, time course expression data

Availability: Free, Freely available

Resource Name: CircaDB

Resource ID: SCR_018078

Alternate URLs: <http://github.com/itmat/circadb>

License: GNU General Public License v2.0

Record Creation Time: 20220129T080338+0000

Record Last Update: 20260829T182540+0000

Ratings and Alerts

No rating or validation information has been found for CircaDB.

No alerts have been found for CircaDB.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Ishikawa H, et al. (2025) Effects of aging on diurnal transcriptome change in the mouse corpus callosum. *iScience*, 28(1), 111556.

Anderson A, et al. (2024) Adipocyte sphingosine kinase 1 regulates histone modifiers to disrupt circadian function. *bioRxiv : the preprint server for biology*.

Chen SJ, et al. (2024) DEC1 is involved in circadian rhythm disruption-exacerbated pulmonary fibrosis. *Cell communication and signaling : CCS*, 22(1), 245.

Bhatnagar A, et al. (2024) Integrated bioinformatics and interaction analysis to advance chronotherapies for mental disorders. *Frontiers in pharmacology*, 15, 1444342.

Stephan M, et al. (2024) Modulation of Neuronal Excitability and Plasticity by BHLHE41 Conveys Lithium Non-Responsiveness. *bioRxiv : the preprint server for biology*.

Granados-Fuentes D, et al. (2024) GABAA receptor subunit composition regulates circadian rhythms in rest-wake and synchrony among cells in the suprachiasmatic nucleus. *Proceedings of the National Academy of Sciences of the United States of America*, 121(31), e2400339121.

Ryu JE, et al. (2024) Circadian regulation of endoplasmic reticulum calcium response in cultured mouse astrocytes. *eLife*, 13.

Swanson GR, et al. (2023) Impact of Chronotherapy on 6-Mercaptopurine Metabolites in Inflammatory Bowel Disease: A Pilot Crossover Trial. *Clinical and translational gastroenterology*, 14(2), e00549.

Hermansteyne TO, et al. (2023) Kv12-encoded K⁺ channels drive the day-night switch in the repetitive firing rates of SCN neurons. *The Journal of general physiology*, 155(9).

Wang B, et al. (2023) A crucial role for dynamic expression of components encoding the negative arm of the circadian clock. *Nature communications*, 14(1), 3371.

Bhagar R, et al. (2023) Temporal effects on death by suicide: empirical evidence and possible molecular correlates. *Discover mental health*, 3(1), 10.

Hahn K, et al. (2023) Current Perspective on the Role of the Circadian Clock and Extracellular Matrix in Chronic Lung Diseases. *International journal of environmental research and public health*, 20(3).

Rankawat S, et al. (2023) A comprehensive rhythmicity analysis of host proteins and immune factors involved in malaria pathogenesis to decipher the importance of host circadian clock in malaria. *Frontiers in immunology*, 14, 1210299.

Hermansteyn TO, et al. (2023) Kv12-Encoded K⁺ Channels Drive the Day-Night Switch in the Repetitive Firing Rates of SCN Neurons. *bioRxiv : the preprint server for biology*.

Malik A, et al. (2023) Using bioluminescence to image gene expression and spontaneous behavior in freely moving mice. *PloS one*, 18(1), e0279875.

Harishkumar R, et al. (2022) Targeting the Platelet-Activating Factor Receptor (PAF-R): Antithrombotic and Anti-Atherosclerotic Nutrients. *Nutrients*, 14(20).

He A, et al. (2022) Circadian Clock Genes Are Correlated with Prognosis and Immune Cell Infiltration in Colon Adenocarcinoma. *Computational and mathematical methods in medicine*, 2022, 1709918.

Giri A, et al. (2021) COVID-19: Sleep, Circadian Rhythms and Immunity - Repurposing Drugs and Chronotherapeutics for SARS-CoV-2. *Frontiers in neuroscience*, 15, 674204.

Abo SMC, et al. (2021) Modeling the circadian regulation of the immune system: Sexually dimorphic effects of shift work. *PLoS computational biology*, 17(3), e1008514.

Acosta-Rodríguez VA, et al. (2021) Importance of circadian timing for aging and longevity. *Nature communications*, 12(1), 2862.