

Resource Summary Report

Generated by [kravitz2](#) on Sep 17, 2026

Clk[Jrk] st[1]

RRID:BDSC_24515

Type: Organism

Proper Citation

RRID:BDSC_24515

Organism Information

URL: <https://n2t.net/bdsc:24515>

Proper Citation: RRID:BDSC_24515

Description: Drosophila melanogaster with name Clk[Jrk] st[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Ravi Allada, Northwestern University

Affected Gene: Clk, st

Genomic Alteration: Chromosome 3

Catalog Number: 24515

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_24515, BDSC:24515, BL24515

Organism Name: Clk[Jrk] st[1]

Record Creation Time: 20240911T222418+0000

Record Last Update: 20260912T203428+0000

Ratings and Alerts

No rating or validation information has been found for Clk[Jrk] st[1].

No alerts have been found for Clk[Jrk] st[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Melkani D, et al. (2026) Design and Implementation of an Automated Drosophila Locomotor Assay Using Computer Vision Tracking. Research square.

Bragina JV, et al. (2025) Genetic Control of Social Experience-Dependent Changes in Locomotor Activity in Drosophila melanogaster Males. Archives of insect biochemistry and physiology, 118(2), e70022.

Sharma PN, et al. (2024) Reorganization of circadian activity and the pacemaker circuit under novel light regimes. Proceedings. Biological sciences, 291(2027), 20241190.

Singh P, et al. (2020) Bidirectional Regulation of Sleep and Synapse Pruning after Neural Injury. Current biology : CB, 30(6), 1063.

Ki Y, et al. (2019) Sleep-promoting effects of threonine link amino acid metabolism in Drosophila neuron to GABAergic control of sleep drive. eLife, 8.

Geissmann Q, et al. (2019) Most sleep does not serve a vital function: Evidence from Drosophila melanogaster. Science advances, 5(2), eaau9253.

Tabuchi M, et al. (2018) Clock-Generated Temporal Codes Determine Synaptic Plasticity to Control Sleep. Cell, 175(5), 1213.

Li Q, et al. (2017) Fbxl4 Serves as a Clock Output Molecule that Regulates Sleep through Promotion of Rhythmic Degradation of the GABAA Receptor. Current biology : CB, 27(23), 3616.