

Resource Summary Report

Generated by SPARC SAWG on Jul 29, 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, BL24515

Organism Name: Clk[Jrk] st[1]

Record Creation Time: 20240911T222418+0000

Record Last Update: 20260725T195123+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 6 mentions in open access literature.

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

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.

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.