

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

[w\[*\]; Clk\[out\]](#)

RRID:BDSC_56754

Type: Organism

Proper Citation

RRID:BDSC_56754

Organism Information

URL: <https://n2t.net/bdsc:56754>

Proper Citation: RRID:BDSC_56754

Description: Drosophila melanogaster with name w[*]; Clk[out] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Paul Hardin, Texas A&M University

Affected Gene: Clk, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 56754

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_56754, BL56754

Organism Name: w[*]; Clk[out]

Record Creation Time: 20240911T222847+0000

Record Last Update: 20260725T195643+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; Clk[out].

No alerts have been found for w[*]; Clk[out].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Wang Y, et al. (2025) Tissue-specific CLOCK isoforms modulate circadian feedback loops to govern reproductive fitness in *Drosophila*. Cellular and molecular life sciences : CMLS, 82(1), 398.

Du C, et al. (2025) Social experience alters behaviors by reprogramming the Fruitless pathway and circadian state in *Drosophila*. bioRxiv : the preprint server for biology.

Cai YD, et al. (2024) Alternative splicing of clock transcript mediates the response of circadian clocks to temperature changes. bioRxiv : the preprint server for biology.

Cai YD, et al. (2024) Alternative splicing of Clock transcript mediates the response of circadian clocks to temperature changes. Proceedings of the National Academy of Sciences of the United States of America, 121(50), e2410680121.

Safdar M, et al. (2023) Octopamine Rescues Endurance and Climbing Speed in *Drosophila* Clkout Mutants with Circadian Rhythm Disruption. Cells, 12(21).

Tabuloc CA, et al. (2023) CLOCK and TIMELESS regulate rhythmic occupancy of the BRAHMA chromatin-remodeling protein at clock gene promoters. PLoS genetics, 19(2), e1010649.

Andreani T, et al. (2022) Circadian programming of the ellipsoid body sleep homeostat in *Drosophila*. eLife, 11.

Hodge BA, et al. (2022) Dietary restriction and the transcription factor clock delay eye aging to extend lifespan in *Drosophila Melanogaster*. Nature communications, 13(1), 3156.

Weichselberger V, et al. (2022) Eya-controlled affinity between cell lineages drives tissue self-organization during *Drosophila* oogenesis. Nature communications, 13(1), 6377.