

# Resource Summary Report

Generated by [ASWG](#) on Aug 23, 2026

[w\[\\*\]; sr\[1\] ninaE\[17\] e\[s\]](#)

RRID:BDSC\_5701

Type: Organism

## Proper Citation

RRID:BDSC\_5701

## Organism Information

**URL:** <https://n2t.net/bdsc:5701>

**Proper Citation:** RRID:BDSC\_5701

**Description:** Drosophila melanogaster with name w[\*]; sr[1] ninaE[17] e[s] from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Donor: Gerald M. Rubin, University of California, Berkeley

**Affected Gene:** e, ninaE, sr, w

**Genomic Alteration:** Chromosome 1, Chromosome 3

**Catalog Number:** 5701

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_5701, BL5701

**Organism Name:** w[\*]; sr[1] ninaE[17] e[s]

**Record Creation Time:** 20240911T222154+0000

**Record Last Update:** 20260815T191244+0000

## Ratings and Alerts

No rating or validation information has been found for w[\*]; sr[1] ninaE[17] e[s].

No alerts have been found for w[\*]; sr[1] ninaE[17] e[s].

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Hung YC, et al. (2026) A day sleep promoting role of phototransduction in *Drosophila melanogaster*. *Neurobiology of sleep and circadian rhythms*, 20, 100146.

Thakur D, et al. (2025) Control of odor sensation by light and cryptochrome in the *Drosophila* antenna. *iScience*, 28(5), 112443.

Piacenti-Silva M, et al. (2025) Role of visual and non-visual opsins in blue light-induced neurodegeneration in *Drosophila melanogaster*. *Frontiers in public health*, 13, 1644780.

Nolan RB, et al. (2023) Visual and circadian regulation of *Drosophila* BDBT and BDBT effects on DBT and PER localization. *iScience*, 26(4), 106343.

Brandwine T, et al. (2021) Knockdown of Dehydrodolichyl Diphosphate Synthase in the *Drosophila* Retina Leads to a Unique Pattern of Retinal Degeneration. *Frontiers in molecular neuroscience*, 14, 693967.

Li Q, et al. (2020) Temperature and Sweet Taste Integration in *Drosophila*. *Current biology : CB*, 30(11), 2051.

Leung NY, et al. (2020) Functions of Opsins in *Drosophila* Taste. *Current biology : CB*, 30(8), 1367.

Li MT, et al. (2018) Hub-organized parallel circuits of central circadian pacemaker neurons for visual photoentrainment in *Drosophila*. *Nature communications*, 9(1), 4247.