# Resource Summary Report

Generated by NIF on Sep 9, 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, BDSC:5701, BL5701

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

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

**Record Last Update:** 20260905T135814+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].

## 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 NIF .


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.