

Resource Summary Report

Generated by [ASWG](#) on Jul 30, 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: 20260725T194826+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 7 mentions in open access literature.

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

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.