

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 20, 2026

[w\[*\]; P{w\[+mC\]=UAS-H134R-ChR2}2](#)

RRID:BDSC_28995

Type: Organism

Proper Citation

RRID:BDSC_28995

Organism Information

URL: <https://n2t.net/bdsc:28995>

Proper Citation: RRID:BDSC_28995

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-H134R-ChR2}2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Leslie Griffith, Brandeis University

Affected Gene: ChR2(H134R), UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 28995

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_28995, BDSC:28995, BL28995

Organism Name: w[*]; P{w[+mC]=UAS-H134R-ChR2}2

Record Creation Time: 20240911T222500+0000

Record Last Update: 20260919T202906+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-H134R-ChR2}2.

No alerts have been found for w[*]; P{w[+mC]=UAS-H134R-ChR2}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Patel AA, et al. (2025) Neural substrates of cold nociception in Drosophila larva. eLife, 12.

Gracheva E, et al. (2024) Dual color optogenetic tool enables heart arrest, bradycardic, and tachycardic pacing in Drosophila melanogaster. Communications biology, 7(1), 1056.

Patel AA, et al. (2023) Neural substrates of cold nociception in Drosophila larva. bioRxiv : the preprint server for biology.

Emmons-Bell M, et al. (2021) Membrane potential regulates Hedgehog signalling in the Drosophila wing imaginal disc. EMBO reports, 22(4), e51861.

Ng R, et al. (2019) Amplification of Drosophila Olfactory Responses by a DEG/ENaC Channel. Neuron, 104(5), 947.