

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

[w\[*\]; Sb\[1\]/TM3, P{w\[+mC\]=ActGFP}JMR2, Ser\[1\]](#)

RRID:BDSC_4534

Type: Organism

Proper Citation

RRID:BDSC_4534

Organism Information

URL: <https://n2t.net/bdsc:4534>

Proper Citation: RRID:BDSC_4534

Description: Drosophila melanogaster with name w[*]; Sb[1]/TM3, P{w[+mC]=ActGFP}JMR2, Ser[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Michael Ashburner, University of Cambridge; Donor's Source: Jean-Marc Reichhart, Centre National de la Recherche Scientifique, Strasbourg

Affected Gene: Act5C, Avic\GFP, Sb, Ser, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 4534

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_4534, BL4534

Organism Name: w[*]; Sb[1]/TM3, P{w[+mC]=ActGFP}JMR2, Ser[1]

Record Creation Time: 20240911T222144+0000

Record Last Update: 20260829T185514+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; Sb[1]/TM3, P{w[+mC]=ActGFP}JMR2, Ser[1].

No alerts have been found for w[*]; Sb[1]/TM3, P{w[+mC]=ActGFP}JMR2, Ser[1].

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 [NIF](#) .

Moreira-Soto RD, et al. (2025) Oviposition Dynamics and Niche Utilization in Two Sympatric Drosophila Species. *Journal of chemical ecology*, 51(1), 21.

Karge RA, et al. (2025) Modeling AP2M1 developmental and epileptic encephalopathy in Drosophila. *Disease models & mechanisms*, 18(11).

Banreti A, et al. (2022) Biological effects of the loss of homochirality in a multicellular organism. *Nature communications*, 13(1), 7059.

Scanlan JL, et al. (2022) Ecdysteroid kinase-like (EckL) paralogs confer developmental tolerance to caffeine in Drosophila melanogaster. *Current research in insect science*, 2, 100030.

Chi W, et al. (2021) RNA-binding protein syncrip regulates starvation-induced hyperactivity in adult Drosophila. *PLoS genetics*, 17(2), e1009396.

Otero-Moreno D, et al. (2019) Diet Composition Differentially Affects Insulin Pathway Compromised and Control Flies. *BioMed research international*, 2019, 1451623.

Kim DH, et al. (2018) Endocrine regulation of airway clearance in Drosophila. *Proceedings of the National Academy of Sciences of the United States of America*, 115(7), 1535.

Allbee AW, et al. (2018) Lmx1a is required for the development of the ovarian stem cell niche in Drosophila. *Development (Cambridge, England)*, 145(8).

VanKuren NW, et al. (2018) Gene duplicates resolving sexual conflict rapidly evolved essential gametogenesis functions. *Nature ecology & evolution*, 2(4), 705.