

Resource Summary Report

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

[w\[*\]; P{w\[+mC\]=PTT-GC}Tm1\[CC00578\]/TM3, Ser\[1\] Sb\[1\]](#)

RRID:BDSC_51537

Type: Organism

Proper Citation

RRID:BDSC_51537

Organism Information

URL: <https://n2t.net/bdsc:51537>

Proper Citation: RRID:BDSC_51537

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=PTT-GC}Tm1[CC00578]/TM3, Ser[1] Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Allan Spradling, Carnegie Institution for Science

Affected Gene: Tm1, Sb, Ser, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 51537

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51537, BL51537

Organism Name: w[*]; P{w[+mC]=PTT-GC}Tm1[CC00578]/TM3, Ser[1] Sb[1]

Record Creation Time: 20240911T222756+0000

Record Last Update: 20260829T190329+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=PTT-GC}Tm1[CC00578]/TM3, Ser[1] Sb[1].

No alerts have been found for w[*]; P{w[+mC]=PTT-GC}Tm1[CC00578]/TM3, Ser[1] Sb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Barcenilla-Merino D, et al. (2025) Divergent origin of the insect cephalic endoskeleton and the trachea from a homologous metameric structure. Current biology : CB, 35(17), 4165.

Zhu H, et al. (2024) Cellular and molecular organization of the Drosophila foregut. Proceedings of the National Academy of Sciences of the United States of America, 121(11), e2318760121.

Fernandes AR, et al. (2023) Drosophila motor neuron boutons remodel through membrane blebbing coupled with muscle contraction. Nature communications, 14(1), 3352.

Cabrita A, et al. (2022) Motor dysfunction in Drosophila melanogaster as a biomarker for developmental neurotoxicity. iScience, 25(7), 104541.