

Resource Summary Report

Generated by [ASWG](#) on Aug 7, 2026

[y\[1\] w\[1118\]; P{w\[+mW.hs\]=GawB}cad\[md509\]/CyO; MKRS/TM2](#)

RRID:BDSC_3042

Type: Organism

Proper Citation

RRID:BDSC_3042

Organism Information

URL: <https://n2t.net/bdsc:3042>

Proper Citation: RRID:BDSC_3042

Description: Drosophila melanogaster with name y[1] w[1118]; P{w[+mW.hs]=GawB}cad[md509]/CyO; MKRS/TM2 from BDSC.

Species: Drosophila melanogaster

Notes: y and w alleles are a guess. No Cy expression. Donor: Gines Morata, Universidad Autonoma de Madrid

Affected Gene: cad, GAL4, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 3042

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_3042, BL3042

Organism Name: y[1] w[1118]; P{w[+mW.hs]=GawB}cad[md509]/CyO; MKRS/TM2

Record Creation Time: 20240911T222135+0000

Record Last Update: 20260801T194549+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[1118]; P{w[+mW.hs]=GawB}cad[md509]/CyO; MKRS/TM2.

No alerts have been found for y[1] w[1118]; P{w[+mW.hs]=GawB}cad[md509]/CyO; MKRS/TM2.

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 [ASWG](#) .

Kassel S, et al. (2025) The TRIP12 E3 ligase induces SWI/SNF component BRG1-??-catenin interaction to promote Wnt signaling. Nature communications, 16(1), 5248.

Li Y, et al. (2023) Drosophila transmembrane protein 214 (dTMEM214) regulates midgut glucose uptake and systemic glucose homeostasis. Developmental biology, 495, 92.

Li Y, et al. (2021) Drosophila Solute Carrier 5A5 Regulates Systemic Glucose Homeostasis by Mediating Glucose Absorption in the Midgut. International journal of molecular sciences, 22(22).

Tian A, et al. (2019) Essential long-range action of Wingless/Wnt in adult intestinal compartmentalization. PLoS genetics, 15(6), e1008111.

Liu Y, et al. (2019) Cardiac Snail family of transcription factors directs systemic lipid metabolism in Drosophila. PLoS genetics, 15(11), e1008487.