

# Resource Summary Report

Generated by [dkNET](#) on Sep 20, 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:** No Cy expression. y and w alleles are a guess. 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, 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:** 20260919T202402+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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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.