

Resource Summary Report

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

[y\[1\] w\[*\]; wg\[Sp-1\]/CyO; P{w\[+mC\]=UAS-dMST.FLAG}3/TM2](#)

RRID:BDSC_44254

Type: Organism

Proper Citation

RRID:BDSC_44254

Organism Information

URL: <https://n2t.net/bdsc:44254>

Proper Citation: RRID:BDSC_44254

Description: Drosophila melanogaster with name y[1] w[*]; wg[Sp-1]/CyO; P{w[+mC]=UAS-dMST.FLAG}3/TM2 from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes present. Donor: Ken Irvine, Rutgers University, New Brunswick; Donor's Source: Jin Jiang, University of Texas Southwestern Medical Center

Affected Gene: hpo, UAS, wg, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 44254

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_44254, BL44254

Organism Name: y[1] w[*]; wg[Sp-1]/CyO; P{w[+mC]=UAS-dMST.FLAG}3/TM2

Record Creation Time: 20240911T222721+0000

Record Last Update: 20260801T195346+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; wg[Sp-1]/CyO; P{w[+mC]=UAS-dMST.FLAG}3/TM2.

No alerts have been found for y[1] w[*]; wg[Sp-1]/CyO; P{w[+mC]=UAS-dMST.FLAG}3/TM2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Zhao S, et al. (2025) Hemocytes facilitate interclonal cooperation-induced tumor malignancy by hijacking the innate immune system in Drosophila. The EMBO journal.

Jeong DJ, et al. (2024) The Mst1/2-BNIP3 axis is required for mitophagy induction and neuronal viability under mitochondrial stress. Experimental & molecular medicine, 56(3), 674.

Koehler S, et al. (2022) A protective role for *Drosophila* Filamin in nephrocytes via Yorkie mediated hypertrophy. Life science alliance, 5(12).

Khadilkar RJ, et al. (2019) Septate junction components control Drosophila hematopoiesis through the Hippo pathway. Development (Cambridge, England), 146(7).

Xu C, et al. (2019) The Septate Junction Protein Tsp2A Restricts Intestinal Stem Cell Activity via Endocytic Regulation of aPKC and Hippo Signaling. Cell reports, 26(3), 670.

Li Q, et al. (2018) Ingestion of Food Particles Regulates the Mechanosensing Misshapen-Yorkie Pathway in Drosophila Intestinal Growth. Developmental cell, 45(4), 433.