

Resource Summary Report

Generated by [ASWG](#) on Aug 19, 2026

[y\[1\] w\[1118\]; P{w\[+mC\]=UAS-p53.H159N.Ex}2](#)

RRID:BDSC_8420

Type: Organism

Proper Citation

RRID:BDSC_8420

Organism Information

URL: <https://n2t.net/bdsc:8420>

Proper Citation: RRID:BDSC_8420

Description: Drosophila melanogaster with name y[1] w[1118]; P{w[+mC]=UAS-p53.H159N.Ex}2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Exelixis, Inc.

Affected Gene: p53, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 8420

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8420, BL8420

Organism Name: y[1] w[1118]; P{w[+mC]=UAS-p53.H159N.Ex}2

Record Creation Time: 20240911T222216+0000

Record Last Update: 20260815T191308+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[1118]; P{w[+mC]=UAS-p53.H159N.Ex}2.

No alerts have been found for y[1] w[1118]; P{w[+mC]=UAS-p53.H159N.Ex}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Gerv?? MP, et al. (2023) Myc-regulated miRNAs modulate p53 expression and impact animal survival under nutrient deprivation. PLoS genetics, 19(8), e1010721.

Kumar A, et al. (2022) The CRL4 E3 ligase Mahjong/DCAF1 controls cell competition through the transcription factor Xrp1, independently of polarity genes. Development (Cambridge, England), 149(22).

Ingaramo MC, et al. (2020) Fat Body p53 Regulates Systemic Insulin Signaling and Autophagy under Nutrient Stress via Drosophila Upd2 Repression. Cell reports, 33(4), 108321.

Li F, et al. (2020) Glial Metabolic Rewiring Promotes Axon Regeneration and Functional Recovery in the Central Nervous System. Cell metabolism, 32(5), 767.

Serafini G, et al. (2020) The Impact of Drosophila Awd/NME1/2 Levels on Notch and Wg Signaling Pathways. International journal of molecular sciences, 21(19).

Rust K, et al. (2018) Myc and the Tip60 chromatin remodeling complex control neuroblast maintenance and polarity in Drosophila. The EMBO journal, 37(16).

Crossman SH, et al. (2018) EGFR signaling coordinates patterning with cell survival during Drosophila epidermal development. PLoS biology, 16(10), e3000027.