

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR50A07-lexA}attP40](#)

RRID:BDSC_53538

Type: Organism

Proper Citation

RRID:BDSC_53538

Organism Information

URL: <https://n2t.net/bdsc:53538>

Proper Citation: RRID:BDSC_53538

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR50A07-lexA}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: lexA::p65, mspo, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 53538

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_53538, BL53538

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR50A07-lexA}attP40

Record Creation Time: 20240911T222816+0000

Record Last Update: 20260725T195607+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR50A07-lexA}attP40.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR50A07-lexA}attP40.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Zheng F, et al. (2025) Role of d-serine in intestinal ROS accumulation after sleep deprivation. Science advances, 11(29), eadr8592.

Li Y, et al. (2023) Gut AstA mediates sleep deprivation-induced energy wasting in Drosophila. Cell discovery, 9(1), 49.

Vaccaro A, et al. (2020) Sleep Loss Can Cause Death through Accumulation of Reactive Oxygen Species in the Gut. Cell, 181(6), 1307.