

# 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.

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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 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.