

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

[w\[1118\] P{w\[+mC\]=EP}Atg8a\[EP362\]](#)

RRID:BDSC_10107

Type: Organism

Proper Citation

RRID:BDSC_10107

Organism Information

URL: <https://n2t.net/bdsc:10107>

Proper Citation: RRID:BDSC_10107

Description: Drosophila melanogaster with name w[1118] P{w[+mC]=EP}Atg8a[EP362] from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating FM7a. Donor: Berkeley Drosophila Genome Project; Donor's Source: Pernille Rorth, Carnegie Institution for Science

Affected Gene: Atg8a, w

Genomic Alteration: Chromosome 1

Catalog Number: 10107

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_10107, BDSC:10107, BL10107

Organism Name: w[1118] P{w[+mC]=EP}Atg8a[EP362]

Record Creation Time: 20240911T222230+0000

Record Last Update: 20260905T135909+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]
P{w[+mC]=EP}Atg8a[EP362].

No alerts have been found for w[1118] P{w[+mC]=EP}Atg8a[EP362].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Bierlein M, et al. (2023) Autophagy impairment and lifespan reduction caused by Atg1 RNAi or Atg18 RNAi expression in adult fruit flies (*Drosophila melanogaster*). *Genetics*, 225(2).

Reynolds-Peterson C, et al. (2020) Heparan Sulfate Structure Affects Autophagy, Lifespan, Responses to Oxidative Stress, and Cell Degeneration in *Drosophila parkin* Mutants. *G3 (Bethesda, Md.)*, 10(1), 129.

Cunningham KM, et al. (2020) TFEB/Mitf links impaired nuclear import to autophagolysosomal dysfunction in C9-ALS. *eLife*, 9.

Rodriguez-Fernandez IA, et al. (2019) Loss of a proteostatic checkpoint in intestinal stem cells contributes to age-related epithelial dysfunction. *Nature communications*, 10(1), 1050.

Shukla AK, et al. (2019) Hyperactive Innate Immunity Causes Degeneration of Dopamine Neurons upon Altering Activity of Cdk5. *Cell reports*, 26(1), 131.