

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

[w\[1118\]; P{w\[+mC\]=AstA-GAL4.2.1}5](#)

RRID:BDSC_51979

Type: Organism

Proper Citation

RRID:BDSC_51979

Organism Information

URL: <https://n2t.net/bdsc:51979>

Proper Citation: RRID:BDSC_51979

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=AstA-GAL4.2.1}5 from BDSC.

Species: Drosophila melanogaster

Notes: Backcrossed to Canton-S. Donor: Kenta Asahina & David Anderson, California Institute of Technology

Affected Gene: AstA, GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 51979

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51979, BL51979

Organism Name: w[1118]; P{w[+mC]=AstA-GAL4.2.1}5

Record Creation Time: 20240911T222801+0000

Record Last Update: 20260725T195548+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=AstA-GAL4.2.1}5.

No alerts have been found for w[1118]; P{w[+mC]=AstA-GAL4.2.1}5.

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 [kravitz2](#) .

Ott S, et al. (2024) Kalium channelrhodopsins effectively inhibit neurons. Nature communications, 15(1), 3480.

Kockel L, et al. (2024) CRISPR/Cas9 gene editing in Drosophila via visual selection in a summer classroom. bioRxiv : the preprint server for biology.

Meiselman MR, et al. (2022) Recovery from cold-induced reproductive dormancy is regulated by temperature-dependent AstC signaling. Current biology : CB, 32(6), 1362.