

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 16, 2025

## w[1118]; P{y[+t7.7] w[+mC]=13XLexAop2-IVS-GCaMP6s-p10}su(Hw)attP5

RRID:BDSC\_44590

Type: Organism

### Proper Citation

RRID:BDSC\_44590

### Organism Information

**URL:** <https://n2t.net/bdsc:44590>

**Proper Citation:** RRID:BDSC\_44590

**Description:** Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=13XLexAop2-IVS-GCaMP6s-p10}su(Hw)attP5 from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Donor: Douglas Kim, Howard Hughes Medical Institute, Janelia Research Campus

**Affected Gene:** GCaMP6s, lexAop, w

**Genomic Alteration:** Chromosome 1, Chromosome 2

**Catalog Number:** 44590

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC:44590, BL44590

**Organism Name:** w[1118]; P{y[+t7.7] w[+mC]=13XLexAop2-IVS-GCaMP6s-p10}su(Hw)attP5

**Record Creation Time:** 20240911T222724+0000

**Record Last Update:** 20250331T212523+0000

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## Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=13XLexAop2-IVS-GCaMP6s-p10}su(Hw)attP5.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=13XLexAop2-IVS-GCaMP6s-p10}su(Hw)attP5.

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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 5 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Sun J, et al. (2024) A neurotrophin functioning with a Toll regulates structural plasticity in a dopaminergic circuit. eLife, 13.

Yu J, et al. (2023) A dedicate sensorimotor circuit enables fine texture discrimination by active touch. PLoS genetics, 19(1), e1010562.

Croteau-Chonka EC, et al. (2022) High-throughput automated methods for classical and operant conditioning of Drosophila larvae. eLife, 11.

Omamiyuda-Ishikawa N, et al. (2020) A pair of ascending neurons in the subesophageal zone mediates aversive sensory inputs-evoked backward locomotion in Drosophila larvae. PLoS genetics, 16(11), e1009120.

Watanabe K, et al. (2017) A Circuit Node that Integrates Convergent Input from Neuromodulatory and Social Behavior-Promoting Neurons to Control Aggression in Drosophila. Neuron, 95(5), 1112.