

Resource Summary Report

Generated by SPARC SAWG on Aug 7, 2026

w[1118] P{y[+t7.7] w[+mC]=R57C10-
FLPG5.PEST}attP18; P{y[+t7.7]
w[+mC]=10xUAS(FRT.stop)myr::smGdP-
OLLAS}attP2 PBac{y[+mDint2]
w[+mC]=10xUAS(FRT.stop)myr::smGdP-
HA}VK00005 P{10xUAS(FRT.stop)myr::smGdP-V5-
THS-10xUAS(FRT.stop)myr::smGdP-
FLAG}su(Hw)attP1

RRID:BDSC_64091

Type: Organism

Proper Citation

RRID:BDSC_64091

Organism Information

URL: <https://n2t.net/bdsc:64091>

Proper Citation: RRID:BDSC_64091

Description: Drosophila melanogaster with name w[1118] P{y[+t7.7] w[+mC]=R57C10-FLPG5.PEST}attP18; P{y[+t7.7] w[+mC]=10xUAS(FRT.stop)myr::smGdP-OLLAS}attP2 PBac{y[+mDint2] w[+mC]=10xUAS(FRT.stop)myr::smGdP-HA}VK00005 P{10xUAS(FRT.stop)myr::smGdP-V5-THS-10xUAS(FRT.stop)myr::smGdP-FLAG}su(Hw)attP1 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM2. Donor: Barret Pfeiffer, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: FRT, Tag:HA, UAS, Tag:OLLAS, Tag:FLAG, Tag:V5, FLPG5, nSyb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 64091

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_64091, BL64091

Organism Name: w[1118] P{y[+t7.7] w[+mC]=R57C10-FLPG5.PEST}attP18; P{y[+t7.7] w[+mC]=10xUAS(FRT.stop)myr::smGdP-OLLAS}attP2 PBac{y[+mDint2] w[+mC]=10xUAS(FRT.stop)myr::smGdP-HA}VK00005 P{10xUAS(FRT.stop)myr::smGdP-V5-THS-10xUAS(FRT.stop)myr::smGdP-FLAG}su(Hw)attP1

Record Creation Time: 20240911T222957+0000

Record Last Update: 20260801T195716+0000

Ratings and Alerts

No rating or validation information has been found for w[1118] P{y[+t7.7] w[+mC]=R57C10-FLPG5.PEST}attP18; P{y[+t7.7] w[+mC]=10xUAS(FRT.stop)myr::smGdP-OLLAS}attP2 PBac{y[+mDint2] w[+mC]=10xUAS(FRT.stop)myr::smGdP-HA}VK00005 P{10xUAS(FRT.stop)myr::smGdP-V5-THS-10xUAS(FRT.stop)myr::smGdP-FLAG}su(Hw)attP1.

No alerts have been found for w[1118] P{y[+t7.7] w[+mC]=R57C10-FLPG5.PEST}attP18; P{y[+t7.7] w[+mC]=10xUAS(FRT.stop)myr::smGdP-OLLAS}attP2 PBac{y[+mDint2] w[+mC]=10xUAS(FRT.stop)myr::smGdP-HA}VK00005 P{10xUAS(FRT.stop)myr::smGdP-V5-THS-10xUAS(FRT.stop)myr::smGdP-FLAG}su(Hw)attP1.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Meissner GW, et al. (2025) A split-GAL4 driver line resource for Drosophila neuron types. eLife, 13.

Gao K, et al. (2025) Sensory receptor expansion and neural accommodation in butterfly color vision. bioRxiv : the preprint server for biology.

Manoim-Wolkovitz JE, et al. (2025) Nonlinear high-activity neuronal excitation enhances odor discrimination. Current biology : CB, 35(7), 1521.

Zhao Q, et al. (2024) A two-layer neural circuit controls fast forward locomotion in *Drosophila*. *Current biology : CB*, 34(15), 3439.

Meissner GW, et al. (2023) A searchable image resource of *Drosophila* GAL4 driver expression patterns with single neuron resolution. *eLife*, 12.

Shinomiya K, et al. (2022) Neuronal circuits integrating visual motion information in *Drosophila melanogaster*. *Current biology : CB*, 32(16), 3529.

Mark B, et al. (2021) A developmental framework linking neurogenesis and circuit formation in the *Drosophila* CNS. *eLife*, 10.