

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 10, 2025

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=UAS-Cas9.C}attP2](#)

RRID:BDSC_54595

Type: Organism

Proper Citation

RRID:BDSC_54595

Organism Information

URL: <https://n2t.net/bdsc:54595>

Proper Citation: RRID:BDSC_54595

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=UAS-Cas9.C}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating y[1]. Donor: Simon Bullock & Phillip Port, MRC Laboratory of Molecular Biology; Donor's Source: Tzumin Lee & Hui-Min Chen, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: Cas9, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 54595

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:54595, BL54595

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=UAS-Cas9.C}attP2

Record Creation Time: 20240911T222826+0000

Record Last Update: 20250420T055802+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=UAS-Cas9.C}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=UAS-Cas9.C}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Mayseless O, et al. (2023) Neuronal excitability as a regulator of circuit remodeling. Current biology : CB, 33(5), 981.

Bazzi W, et al. (2023) Gcm counteracts Toll-induced inflammation and impacts hemocyte number through cholinergic signaling. Frontiers in immunology, 14, 1293766.

Liu H, et al. (2023) PtdIns4P exchange at endoplasmic reticulum-autolysosome contacts is essential for autophagy and neuronal homeostasis. Autophagy, 19(10), 2682.

Bornstein B, et al. (2021) Transneuronal Dpr12/DIP-? interactions facilitate compartmentalized dopaminergic innervation of Drosophila mushroom body axons. The EMBO journal, 40(12), e105763.

Yin J, et al. (2021) Brain-specific lipoprotein receptors interact with astrocyte derived apolipoprotein and mediate neuron-glia lipid shuttling. Nature communications, 12(1), 2408.

Li Z, et al. (2021) CopyCatchers are versatile active genetic elements that detect and quantify inter-homolog somatic gene conversion. Nature communications, 12(1), 2625.

Meltzer H, et al. (2019) Tissue-specific (ts)CRISPR as an efficient strategy for in vivo screening in Drosophila. Nature communications, 10(1), 2113.

Hu Q, et al. (2019) The Drosophila Trpm channel mediates calcium influx during egg activation. Proceedings of the National Academy of Sciences of the United States of America, 116(38), 18994.