

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 21, 2025

[w\[*\]; P{y\[+t7.7\] w\[+mC\]=UAS-ArcLight}attP40/CyO](#)

RRID:BDSC_51057

Type: Organism

Proper Citation

RRID:BDSC_51057

Organism Information

URL: <https://n2t.net/bdsc:51057>

Proper Citation: RRID:BDSC_51057

Description: Drosophila melanogaster with name w[*]; P{y[+t7.7] w[+mC]=UAS-ArcLight}attP40/CyO from BDSC.

Species: Drosophila melanogaster

Notes: y[1] may be present. May be segregating w[1118] and/or TM3, Sb[1] Ser[1]. May be segregating TM3, Sb[1] Ser[1]. y[1] may be present. Donor: Mike Nitabach, Yale University School of Medicine

Affected Gene: ArcLight, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 51057

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:51057, BL51057

Organism Name: w[*]; P{y[+t7.7] w[+mC]=UAS-ArcLight}attP40/CyO

Record Creation Time: 20240911T222752+0000

Record Last Update: 20250420T055633+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{y[+t7.7] w[+mC]=UAS-ArcLight}attP40/CyO.

No alerts have been found for w[*]; P{y[+t7.7] w[+mC]=UAS-ArcLight}attP40/CyO.

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 [FDI Lab - SciCrunch.org](#).

Gonzalez-Suarez AD, et al. (2022) Excitatory and inhibitory neural dynamics jointly tune motion detection. Current biology : CB, 32(17), 3659.

Chamberland S, et al. (2017) Fast two-photon imaging of subcellular voltage dynamics in neuronal tissue with genetically encoded indicators. eLife, 6.

Kay AR, et al. (2016) Goggatomy: A Method for Opening Small Cuticular Compartments in Arthropods for Physiological Experiments. Frontiers in physiology, 7, 398.