

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[w\[*\]; P{y\[+t7.7\] w\[+m*\]=UAS-OptoSOS}attP40](#)

RRID:BDSC_95111

Type: Organism

Proper Citation

RRID:BDSC_95111

Organism Information

URL: <https://n2t.net/bdsc:95111>

Proper Citation: RRID:BDSC_95111

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

Species: Drosophila melanogaster

Notes: Donor: Jared Toettcher, Princeton University

Affected Gene: Hsap\SOS2, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 95111

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_95111, BL95111

Organism Name: w[*]; P{y[+t7.7] w[+m*]=UAS-OptoSOS}attP40

Record Creation Time: 20240911T223455+0000

Record Last Update: 20260815T192903+0000

Ratings and Alerts

No rating or validation information has been found for $w[*]; P\{y[+t7.7] w[+m*]=UAS-OptoSOS\}$ attP40.

No alerts have been found for $w[*]; P\{y[+t7.7] w[+m*]=UAS-OptoSOS\}$ attP40.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Countryman AD, et al. (2025) Endogenous OptoRhoGEFs reveal biophysical principles of epithelial tissue furrowing. Nature communications, 16(1), 7665.