

Resource Summary Report

Generated by SPARC SAWG on Aug 3, 2026

w[*]; P{y[+t7.7] w[+mC]=UAS-3xFLAG.dCas9.VPR}attP40; P{GAL4-Mhc.W}MHC-82/TM6B, Tb[1]

RRID:BDSC_67044

Type: Organism

Proper Citation

RRID:BDSC_67044

Organism Information

URL: <https://n2t.net/bdsc:67044>

Proper Citation: RRID:BDSC_67044

Description: Drosophila melanogaster with name w[*]; P{y[+t7.7] w[+mC]=UAS-3xFLAG.dCas9.VPR}attP40; P{GAL4-Mhc.W}MHC-82/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. No w[+] marker for P{GAL4-Mhc.W}. Toolkit for gene activation in specific tissues Donor: Transgenic RNAi Project

Affected Gene: GAL4, Mhc, dCas9::VPR, UAS, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 67044

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_67044, BL67044

Organism Name: w[*]; P{y[+t7.7] w[+mC]=UAS-3xFLAG.dCas9.VPR}attP40; P{GAL4-Mhc.W}MHC-82/TM6B, Tb[1]

Record Creation Time: 20240911T223025+0000

Record Last Update: 20260801T195754+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{y[+t7.7] w[+mC]=UAS-3xFLAG.dCas9.VPR}attP40; P{GAL4-Mhc.W}MHC-82/TM6B, Tb[1].

No alerts have been found for w[*]; P{y[+t7.7] w[+mC]=UAS-3xFLAG.dCas9.VPR}attP40; P{GAL4-Mhc.W}MHC-82/TM6B, Tb[1].

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 [SPARC SAWG](#) .

Christophers B, et al. (2023) Muscle cofilin alters neuromuscular junction postsynaptic development to strengthen functional neurotransmission. bioRxiv : the preprint server for biology.

Balakrishnan M, et al. (2021) Analyzing muscle structure and function throughout the larval instars in live Drosophila. STAR protocols, 2(1), 100291.

Balakrishnan M, et al. (2020) Cofilin Loss in Drosophila Muscles Contributes to Muscle Weakness through Defective Sarcomerogenesis during Muscle Growth. Cell reports, 32(3), 107893.