Resource Summary Report

Generated by dkNET on Sep 3, 2026

y[1] w[*]; P{w[+mC]=UAS-Marf.HA.S}3/T(2;3)TSTL, CyO: TM6B, Tb[1]

RRID:BDSC_67157
Type: Organism

Proper Citation

RRID:BDSC_67157

Organism Information

URL: https://n2t.net/bdsc:67157

Proper Citation: RRID:BDSC_67157

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=UAS-Marf.HA.S}3/T(2;3)TSTL, CyO: TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hugo J. Bellen, Baylor College of Medicine

Affected Gene: Marf, UAS, Tb, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 67157

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_67157, BL67157

Organism Name: y[1] w[*]; P{w[+mC]=UAS-Marf.HA.S}3/T(2;3)TSTL, CyO: TM6B, Tb[1]

Record Creation Time: 20240911T223026+0000

Record Last Update: 20260829T190656+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=UAS-Marf.HA.S}3/T(2;3)TSTL, CyO: TM6B, Tb[1].

No alerts have been found for y[1] w[*]; P{w[+mC]=UAS-Marf.HA.S}3/T(2;3)TSTL, CyO: TM6B, Tb[1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Sew WQG, et al. (2025) Control of mitochondrial dynamics by the metabolic regulator dPGC1 limits Yorkie-induced oncogenic growth in Drosophila. PLoS biology, 23(12), e3003523.

Zhang J, et al. (2025) Nutrient status alters developmental fates via a switch in mitochondrial homeodynamics. Nature communications, 16(1), 1258.

Wang HQ, et al. (2025) Drosophila HS dendrites are resilient to adult-onset deficits in mitochondrial dynamics. bioRxiv : the preprint server for biology.

Tsao WC, et al. (2025) Splicing factor Sf3b1 facilitates maintenance of neuronal dendrites by modulating mitochondrial health. Cellular and molecular life sciences : CMLS, 82(1), 347.

Sarnataro R, et al. (2025) Mitochondrial origins of the pressure to sleep. Nature, 645(8081), 722.

Dark C, et al. (2024) Mitochondrial fusion and altered beta-oxidation drive muscle wasting in a Drosophila cachexia model. EMBO reports, 25(4), 1835.

Wang F, et al. (2024) SARS-CoV-2 membrane protein induces neurodegeneration via affecting Golgi-mitochondria interaction. Translational neurodegeneration, 13(1), 68.

Maddison DC, et al. (2023) COPI-regulated mitochondria-ER contact site formation maintains axonal integrity. Cell reports, 42(8), 112883.

Qu C, et al. (2022) RhoA/ROCK Signaling Regulates Drp1-Mediated Mitochondrial Fission During Collective Cell Migration. Frontiers in cell and developmental biology, 10, 882581.

Ray A, et al. (2021) A Conserved Role for Asrij/OCIAD1 in Progenitor Differentiation and Lineage Specification Through Functional Interaction With the Regulators of Mitochondrial Dynamics. Frontiers in cell and developmental biology, 9, 643444.

Avellaneda J, et al. (2021) Myofibril and mitochondria morphogenesis are coordinated by a mechanical feedback mechanism in muscle. Nature communications, 12(1), 2091.

Shen JL, et al. (2021) Vmp1, Vps13D, and Marf/Mfn2 function in a conserved pathway to regulate mitochondria and ER contact in development and disease. Current biology : CB, 31(14), 3028.