

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

P{w[+mC]=Mhc-GAL4.K}1, w[*]/FM7c

RRID:BDSC_55132

Type: Organism

Proper Citation

RRID:BDSC_55132

Organism Information

URL: <https://n2t.net/bdsc:55132>

Proper Citation: RRID:BDSC_55132

Description: Drosophila melanogaster with name P{w[+mC]=Mhc-GAL4.K}1, w[*]/FM7c from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Frank Schnorrer, Max Planck Institute of Biochemistry

Affected Gene: GAL4, Mhc, w

Genomic Alteration: Chromosome 1

Catalog Number: 55132

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_55132, BL55132

Organism Name: P{w[+mC]=Mhc-GAL4.K}1, w[*]/FM7c

Record Creation Time: 20240911T222831+0000

Record Last Update: 20260801T195511+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=Mhc-GAL4.K}1, w[*]/FM7c.

No alerts have been found for P{w[+mC]=Mhc-GAL4.K}1, w[*]/FM7c.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Blanco Mendana J, et al. (2025) Deterministic genetic barcoding for multiplexed behavioral and single-cell transcriptomic studies. eLife, 12.

Yoshino J, et al. (2025) Drosophila epidermal cells are intrinsically mechanosensitive and modulate nociceptive behavioral outputs. eLife, 13.

Sidisky JM, et al. (2024) Synaptic defects in a drosophila model of muscular dystrophy. Frontiers in cellular neuroscience, 18, 1381112.

Sidisky JM, et al. (2023) Genome-wide analysis reveals novel regulators of synaptic maintenance in Drosophila. Genetics, 223(4).

Wu X, et al. (2022) microRNA-252 and FoxO repress inflammaging by a dual inhibitory mechanism on Dawdle-mediated TGF-?? pathway in Drosophila. Genetics, 220(3).

Sidisky JM, et al. (2021) Mayday sustains trans-synaptic BMP signaling required for synaptic maintenance with age. eLife, 10.

Guan Z, et al. (2020) Drosophila Synaptotagmin 7 negatively regulates synaptic vesicle release and replenishment in a dosage-dependent manner. eLife, 9.

Tsakiri EN, et al. (2019) Proteasome dysfunction induces excessive proteome instability and loss of mitostasis that can be mitigated by enhancing mitochondrial fusion or autophagy. Autophagy, 15(10), 1757.

Foriel S, et al. (2018) Feeding difficulties, a key feature of the Drosophila NDUFS4 mitochondrial disease model. Disease models & mechanisms, 11(3).