

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

w[*] Pink1[5]/FM7i, P{w[+mC]=ActGFP}JMR3

RRID:BDSC_51649

Type: Organism

Proper Citation

RRID:BDSC_51649

Organism Information

URL: <https://n2t.net/bdsc:51649>

Proper Citation: RRID:BDSC_51649

Description: Drosophila melanogaster with name w[*] Pink1[5]/FM7i, P{w[+mC]=ActGFP}JMR3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hugo J. Bellen, Baylor College of Medicine; Donor's Source: Patrik Verstreken, Katholieke Universiteit Leuven

Affected Gene: Pink1, Act5C, Avic\GFP, w

Genomic Alteration: Chromosome 1

Catalog Number: 51649

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51649, BL51649

Organism Name: w[*] Pink1[5]/FM7i, P{w[+mC]=ActGFP}JMR3

Record Creation Time: 20240911T222758+0000

Record Last Update: 20260801T195432+0000

Ratings and Alerts

No rating or validation information has been found for w[*] Pink1[5]/FM7i, P{w[+mC]=ActGFP}JMR3.

No alerts have been found for w[*] Pink1[5]/FM7i, P{w[+mC]=ActGFP}JMR3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Paradis M, et al. (2022) The ER protein Creld regulates ER-mitochondria contact dynamics and respiratory complex 1 activity. Science advances, 8(29), eabo0155.

Liu JY, et al. (2022) Ubiquitination at the lysine 27 residue of the Parkin ubiquitin-like domain is suggestive of a new mechanism of Parkin activation. Human molecular genetics, 31(15), 2623.

Lin TH, et al. (2021) TSG101 negatively regulates mitochondrial biogenesis in axons. Proceedings of the National Academy of Sciences of the United States of America, 118(20).

Smith GA, et al. (2019) Glutathione S-Transferase Regulates Mitochondrial Populations in Axons through Increased Glutathione Oxidation. Neuron, 103(1), 52.

Myers L, et al. (2018) The Drosophila Ret gene functions in the stomatogastric nervous system with the Maverick TGF?? ligand and the Gfrl co-receptor. Development (Cambridge, England), 145(3).

Cao X, et al. (2017) In vivo imaging reveals mitophagy independence in the maintenance of axonal mitochondria during normal aging. Aging cell, 16(5), 1180.