Resource Summary Report

Generated by dkNET on Sep 6, 2026

w[*]; P{w[+mC]=UAS-Pink1.C}A

RRID:BDSC_51648
Type: Organism

Proper Citation

RRID:BDSC_51648

Organism Information

URL: https://n2t.net/bdsc:51648

Proper Citation: RRID:BDSC_51648

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-Pink1.C}A from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hugo J. Bellen, Baylor College of Medicine; Donor's Source: Ming Guo, UCLA School of Medicine

Affected Gene: Pink1, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 51648

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_51648, BDSC:51648, BL51648

Organism Name: w[*]; P{w[+mC]=UAS-Pink1.C}A

Record Creation Time: 20240911T222758+0000

Record Last Update: 20260905T140649+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-Pink1.C}A.

No alerts have been found for w[*]; P{w[+mC]=UAS-Pink1.C}A.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Li JL, et al. (2026) UQCRC1 deficiency impairs mitophagy via PINK1-dependent mechanisms in Parkinson's disease. NPJ Parkinson's disease, 12(1), 48.

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.

Zhu JY, et al. (2024) Promoting mitochondrial dynamics by inhibiting the PINK1-PRKN pathway to relieve diabetic nephropathy. Disease models & mechanisms, 17(4).

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

Gumeni S, et al. (2021) Nrf2 activation induces mitophagy and reverses Parkin/Pink1 knock down-mediated neuronal and muscle degeneration phenotypes. Cell death & disease, 12(7), 671.

Zhou J, et al. (2019) Large-scale RNAi screen identified Dhpr as a regulator of mitochondrial morphology and tissue homeostasis. Science advances, 5(9), eaax0365.

Sun X, et al. (2018) Distinct multilevel misregulations of Parkin and PINK1 revealed in cell and animal models of TDP-43 proteinopathy. Cell death & disease, 9(10), 953.