

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[w\[*\]; P{w\[+mC\]=UAS-hSNCA.E46K}2](#)

RRID:BDSC_80043

Type: Organism

Proper Citation

RRID:BDSC_80043

Organism Information

URL: <https://n2t.net/bdsc:80043>

Proper Citation: RRID:BDSC_80043

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-hSNCA.E46K}2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Ganesh Mohite, Indian Institute of Technology, Bombay

Affected Gene: Hsap\SNCA, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 80043

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_80043, BDSC:80043, BL80043

Organism Name: w[*]; P{w[+mC]=UAS-hSNCA.E46K}2

Record Creation Time: 20240911T223228+0000

Record Last Update: 20260912T204515+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-hSNCA.E46K}2.

No alerts have been found for w[*]; P{w[+mC]=UAS-hSNCA.E46K}2.

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 [NIF](#) .

Sciortino M, et al. (2026) Protocol for using an ELISA to detect total α -synuclein levels in Drosophila melanogaster lines expressing human α -synuclein point mutations. STAR protocols, 7(2), 104576.

Perry S, et al. (2025) Validating and Optimizing a Drosophila Larval Model of Parkinson's Synucleopathy. microPublication biology, 2025.

Tenedini FM, et al. (2025) Inflammatory cytokine upd3 induces axon length-dependent synapse removal by glia. Proceedings of the National Academy of Sciences of the United States of America, 122(21), e2422752122.