

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

[w\[*\]; P{w\[+mC\]=UAS-hSNCA.G51D}2](#)

RRID:BDSC_80044

Type: Organism

Proper Citation

RRID:BDSC_80044

Organism Information

URL: <https://n2t.net/bdsc:80044>

Proper Citation: RRID:BDSC_80044

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-hSNCA.G51D}2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Ganesh Mohite, Indian Institute of Technology, Bombay

Affected Gene: Hsap\SNCA, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 80044

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_80044, BDSC:80044, BL80044

Organism Name: w[*]; P{w[+mC]=UAS-hSNCA.G51D}2

Record Creation Time: 20240911T223228+0000

Record Last Update: 20260905T141305+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-hSNCA.G51D}2.

No alerts have been found for w[*]; P{w[+mC]=UAS-hSNCA.G51D}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 ?-synuclein levels in Drosophila melanogaster lines expressing human ?-synuclein point mutations. STAR protocols, 7(2), 104576.

Sciortino M, et al. (2026) Protocol for using an ELISA to detect total ?-synuclein levels in Drosophila melanogaster lines expressing human ?-synuclein point mutations. bioRxiv : the preprint server for biology.

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