Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

w[*]; P{w[+mC]=QUAS-hSNCA.WT}3, P{y[+t7.7] w[+mC]=nSyb-QF2w.P}attP2/TM6B, P{w[+mC]=tub-QS.P}4A Tb[1]

RRID:BDSC_600605
Type: Organism

Proper Citation

RRID:BDSC_600605

Organism Information

URL: https://n2t.net/bdsc:600605

Proper Citation: RRID:BDSC_600605

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=QUAS-hSNCA.WT}3, P{y[+t7.7] w[+mC]=nSyb-QF2w.P}attP2/TM6B, P{w[+mC]=tub-QS.P}4A Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Designed to express human alpha-synuclein (SNCA) in all neurons only upon outcross. The progeny that do not inherit the TM6B P{tub-QS.P}4A balancer will express alpha-synuclein. Donor: Tong Wey Koh, Temasek Lifesciences Laboratory

Affected Gene: nSyb, QF2w, Hsap\SNCA, QUAS, alphaTub84B, QS, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 600605

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_600605, BL600605

Organism Name: w[*]; P{w[+mC]=QUAS-hSNCA.WT}3, P{y[+t7.7] w[+mC]=nSyb-QF2w.P}attP2/TM6B, P{w[+mC]=tub-QS.P}4A Tb[1]

Record Creation Time: 20240911T223549+0000

Record Last Update: 20260808T200012+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=QUAS-hSNCA.WT}3, P{y[+t7.7] w[+mC]=nSyb-QF2w.P}attP2/TM6B, P{w[+mC]=tub-QS.P}4A Tb[1].

No alerts have been found for w[*]; P{w[+mC]=QUAS-hSNCA.WT}3, P{y[+t7.7] w[+mC]=nSyb-QF2w.P}attP2/TM6B, P{w[+mC]=tub-QS.P}4A Tb[1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Ren M, et al. (2026) Glycerol 3-phosphate acyltransferase exacerbates ??-synuclein-induced toxicity by increasing lipid peroxidation. Nature communications, 17(1), 1618.