

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

[w\[*\]; P{w\[+mC\]=UAS-mCherry.NLS}2, PBac{y\[+mDint2\] w\[+mC\]=U6-GFP.gRNA.ACDG}VK00037/CyO, P{Wee-P.ph0}2; P{w\[+mC\]=Act5C-GAL4}17bFO1, P{w\[+mC\]=UAS-2xEGFP}AH3/TM6B, Tb\[1\]](#)

RRID:BDSC_81890

Type: Organism

Proper Citation

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Organism Information

URL: <https://n2t.net/bdsc:81890>

Proper Citation: RRID:BDSC_81890

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-mCherry.NLS}2, PBac{y[+mDint2] w[+mC]=U6-GFP.gRNA.ACDG}VK00037/CyO, P{Wee-P.ph0}2; P{w[+mC]=Act5C-GAL4}17bFO1, P{w[+mC]=UAS-2xEGFP}AH3/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: 2nd chr. homozygotes may be present. Expresses sgRNA targeting GFP under U6 control. Ubiquitous expression of EGFP and RFP. In the presence of Cas9, sgRNA-induced mutations result in a loss of GFP signal in Cas9-expressing cells (negative tester NT1). Donor: Chun Han, Cornell University

Affected Gene: Avic\GFP, snRNA:U6:96Aa, Act5C, GAL4, UAS, Disc\RFP, unknown (enhancer trap), Tb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 81890

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_81890, BL81890

Organism Name: w[*]; P{w[+mC]=UAS-mCherry.NLS}2, PBac{y[+mDint2] w[+mC]=U6-GFP.gRNA.ACDG}VK00037/CyO, P{Wee-P.ph0}2; P{w[+mC]=Act5C-GAL4}17bFO1, P{w[+mC]=UAS-2xEGFP}AH3/TM6B, Tb[1]

Record Creation Time: 20240911T223245+0000

Record Last Update: 20260829T191005+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-mCherry.NLS}2, PBac{y[+mDint2] w[+mC]=U6-GFP.gRNA.ACDG}VK00037/CyO, P{Wee-P.ph0}2; P{w[+mC]=Act5C-GAL4}17bFO1, P{w[+mC]=UAS-2xEGFP}AH3/TM6B, Tb[1].

No alerts have been found for w[*]; P{w[+mC]=UAS-mCherry.NLS}2, PBac{y[+mDint2] w[+mC]=U6-GFP.gRNA.ACDG}VK00037/CyO, P{Wee-P.ph0}2; P{w[+mC]=Act5C-GAL4}17bFO1, P{w[+mC]=UAS-2xEGFP}AH3/TM6B, 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 [dkNET](#) .

Le TD, et al. (2021) Sesamin Activates Nrf2/Cnc-Dependent Transcription in the Absence of Oxidative Stress in Drosophila Adult Brains. Antioxidants (Basel, Switzerland), 10(6).