

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

y[1] w[*]; P{w[+mC]=UAS-GFP.SKL}2

RRID:BDSC_28881

Type: Organism

Proper Citation

RRID:BDSC_28881

Organism Information

URL: <https://n2t.net/bdsc:28881>

Proper Citation: RRID:BDSC_28881

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=UAS-GFP.SKL}2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Jay Brenman, University of North Carolina, Chapel Hill

Affected Gene: Avic\GFP, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 28881

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_28881, BL28881

Organism Name: y[1] w[*]; P{w[+mC]=UAS-GFP.SKL}2

Record Creation Time: 20240911T222459+0000

Record Last Update: 20260808T194657+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=UAS-GFP.SKL}2.

No alerts have been found for y[1] w[*]; P{w[+mC]=UAS-GFP.SKL}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Guo X, et al. (2025) Aging-related peroxisomal dysregulation disrupts intestinal stem cell differentiation through alterations of very long-chain fatty acid oxidation. PLoS biology, 23(12), e3003552.

Guo X, et al. (2024) Very long-chain fatty acids control peroxisome dynamics via a feedback loop in intestinal stem cells during gut regeneration. Developmental cell, 59(22), 3008.

Li J, et al. (2023) Peroxisomal ERK mediates Akh/glucagon action and glycemic control. Cell reports, 42(10), 113200.

Townsend LN, et al. (2023) Cdk12 maintains the integrity of adult axons by suppressing actin remodeling. Cell death discovery, 9(1), 348.

Holcombe J, et al. (2023) Functional-metabolic coupling in distinct renal cell types coordinates organ-wide physiology and delays premature ageing. Nature communications, 14(1), 8405.

Jo DS, et al. (2020) Loss of HSPA9 induces peroxisomal degradation by increasing pexophagy. Autophagy, 16(11), 1989.

Jiang N, et al. (2019) A conserved morphogenetic mechanism for epidermal ensheathment of nociceptive sensory neurites. eLife, 8.

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.