Resource Summary Report

Generated by RRID on Jul 30, 2026

y[1] w[*]; wg[Sp-1]/CyO; P{w[+mC]=btl-moe.mRFP1}3, P{w[+mC]=GAL4-btl.S}3-1, P{w[+mC]=UAS-mCD8::GFP.L}LL6/TM6B, Tb[1]

RRID:BDSC_41803
Type: Organism

Proper Citation

RRID:BDSC_41803

Organism Information

URL: https://n2t.net/bdsc:41803

Proper Citation: RRID:BDSC_41803

Description: Drosophila melanogaster with name y[1] w[*]; wg[Sp-1]/CyO; P{w[+mC]=btl-moe.mRFP1}3, P{w[+mC]=GAL4-btl.S}3-1, P{w[+mC]=UAS-mCD8::GFP.L}LL6/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes may be present. Expresses RFP and GFP in tracheal cells; used with MARCM system to show loss of GAL80 in tracheal clones. Donor: Martin Muller & Markus Affolter, University of Basel

Affected Gene: btl, Moe, GAL4, Avic\GFP, UAS, Tb, wg, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 41803

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_41803, BL41803

Organism Name: y[1] w[*]; wg[Sp-1]/CyO; P{w[+mC]=btl-moe.mRFP1}3, P{w[+mC]=GAL4-btl.S}3-1, P{w[+mC]=UAS-mCD8::GFP.L}LL6/TM6B, Tb[1]

Record Creation Time: 20240911T222657+0000

Record Last Update: 20260725T195433+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; wg[Sp-1]/CyO; P{w[+mC]=btl-moe.mRFP1}3, P{w[+mC]=GAL4-btl.S}3-1, P{w[+mC]=UAS-mCD8::GFP.L}LL6/TM6B, Tb[1].

No alerts have been found for y[1] w[*]; wg[Sp-1]/CyO; P{w[+mC]=btl-moe.mRFP1}3, P{w[+mC]=GAL4-btl.S}3-1, P{w[+mC]=UAS-mCD8::GFP.L}LL6/TM6B, Tb[1].

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 RRID .

Kay AR, et al. (2021) Myogenic contraction of a somatic muscle powers rhythmic flow of hemolymph through Drosophila antennae and generates brain pulsations. The Journal of experimental biology, 224(20).

Gaziova I, et al. (2020) Restriction on self-renewing asymmetric division is coupled to terminal asymmetric division in the Drosophila CNS. PLoS genetics, 16(9), e1009011.

Texada MJ, et al. (2019) A fat-tissue sensor couples growth to oxygen availability by remotely controlling insulin secretion. Nature communications, 10(1), 1955.