

Resource Summary Report

Generated by [SPARC SAWG](#) on Jul 29, 2026

[w\[*\]; P{w\[+mC\]=GAL4-slbo.2.6}chic\[6458\]
P{w\[+mC\]=UAS-GFP.S65T}Myo31DF\[T2\] P{UAS-
GFP.S65T}6458/CyO, P{ry\[+t7.2\]=elav-
lacZ.H}CG17646\[YH2\]](#)

RRID:BDSC_6458

Type: Organism

Proper Citation

RRID:BDSC_6458

Organism Information

URL: <https://n2t.net/bdsc:6458>

Proper Citation: RRID:BDSC_6458

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=GAL4-slbo.2.6}chic[6458] P{w[+mC]=UAS-GFP.S65T}Myo31DF[T2] P{UAS-GFP.S65T}6458/CyO, P{ry[+t7.2]=elav-lacZ.H}CG17646[YH2] from BDSC.

Species: Drosophila melanogaster

Notes: Presence of w[*] is assumed. Duox[Cy] phenotype is largely suppressed, but reappears upon outcrossing. Donor: Lucy Cherbas, Indiana University, Bloomington; Donor's Source: Denise Montell, Johns Hopkins University School of Medicine

Affected Gene: chic, GAL4, slbo, Avic\GFP, UAS, Myo31DF, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 6458

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_6458, BL6458

Organism Name: w[*]; P{w[+mC]=GAL4-slbo.2.6}chic[6458] P{w[+mC]=UAS-GFP.S65T}Myo31DF[T2] P{UAS-GFP.S65T}6458/CyO, P{ry[+t7.2]=elav-lacZ.H}CG17646[YH2]

Record Creation Time: 20240911T222200+0000

Record Last Update: 20260725T194834+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=GAL4-slbo.2.6}chic[6458] P{w[+mC]=UAS-GFP.S65T}Myo31DF[T2] P{UAS-GFP.S65T}6458/CyO, P{ry[+t7.2]=elav-lacZ.H}CG17646[YH2].

No alerts have been found for w[*]; P{w[+mC]=GAL4-slbo.2.6}chic[6458] P{w[+mC]=UAS-GFP.S65T}Myo31DF[T2] P{UAS-GFP.S65T}6458/CyO, P{ry[+t7.2]=elav-lacZ.H}CG17646[YH2].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Steinmetz EL, et al. (2024) Orthologs of NOX5 and EC-SOD/SOD3: dNox and dSod3 Impact Egg Hardening Process and Egg Laying in Reproductive Function of Drosophila melanogaster. International journal of molecular sciences, 25(11).

Badmos H, et al. (2021) Drosophila USP22/nonstop polarizes the actin cytoskeleton during collective border cell migration. The Journal of cell biology, 220(7).

Yoshinari Y, et al. (2020) Neuronal octopamine signaling regulates mating-induced germline stem cell increase in female Drosophila melanogaster. eLife, 9.

Wang X, et al. (2020) Temporal Coordination of Collective Migration and Lumen Formation by Antagonism between Two Nuclear Receptors. iScience, 23(7), 101335.

Ogienko AA, et al. (2018) New slbo-Gal4 driver lines for the analysis of border cell migration during Drosophila oogenesis. Chromosoma, 127(4), 475.

Barth JM, et al. (2012) The lack of autophagy triggers precocious activation of Notch signaling during Drosophila oogenesis. BMC developmental biology, 12, 35.