

Resource Summary Report

Generated by [dkNET](#) on Sep 12, 2026

[w\[1118\] P{y\[+t7.7\] w\[+mC\]=10XUAS-IVS-Syn21-Chrimson-tdT-3.1}attP18; P{y\[+t7.7\] w\[+mC\]=GMR13G10-GAL4}attP2](#)

RRID:BDSC_605135

Type: Organism

Proper Citation

RRID:BDSC_605135

Organism Information

URL: <https://n2t.net/bdsc:605135>

Proper Citation: RRID:BDSC_605135

Description: Drosophila melanogaster with name w[1118] P{y[+t7.7] w[+mC]=10XUAS-IVS-Syn21-Chrimson-tdT-3.1}attP18; P{y[+t7.7] w[+mC]=GMR13G10-GAL4}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Expresses a tdTomato-tagged channelrhodopsin (Chrimson) in the central complex, optic lobe, lamina, and medulla. Exposing adults raised on retinal to 625 nm red light triggers the flies to walk in a circle. Light that is too strong will elicit seizures. Donor: Karen Hibbard, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: Chrimson, UAS, GAL4, sim, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 605135

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_605135, BDSC:605135, BL605135

Organism Name: w[1118] P{y[+t7.7] w[+mC]=10XUAS-IVS-Syn21-Chrimson-tdT-3.1}attP18; P{y[+t7.7] w[+mC]=GMR13G10-GAL4}attP2

Record Creation Time: 20241014T190956+0000

Record Last Update: 20260905T142045+0000

Ratings and Alerts

No rating or validation information has been found for w[1118] P{y[+t7.7] w[+mC]=10XUAS-IVS-Syn21-Chrimson-tdT-3.1}attP18; P{y[+t7.7] w[+mC]=GMR13G10-GAL4}attP2.

No alerts have been found for w[1118] P{y[+t7.7] w[+mC]=10XUAS-IVS-Syn21-Chrimson-tdT-3.1}attP18; P{y[+t7.7] w[+mC]=GMR13G10-GAL4}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.