

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

[w\[1118\] P{y\[+t7.7\] w\[+mC\]=20XUAS-IVS-CsChrimson.mVenus}attP18; P{y\[+t7.7\] w\[+mC\]=GMR72F11-GAL4}attP2](#)

RRID:BDSC_79599

Type: Organism

Proper Citation

RRID:BDSC_79599

Organism Information

URL: <https://n2t.net/bdsc:79599>

Proper Citation: RRID:BDSC_79599

Description: Drosophila melanogaster with name w[1118] P{y[+t7.7] w[+mC]=20XUAS-IVS-CsChrimson.mVenus}attP18; P{y[+t7.7] w[+mC]=GMR72F11-GAL4}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Expresses mVenus-tagged red-shifted channelrhodopsin (CsChrimson) in the sensory domain of the larval ventral nerve cord. Exposure to intense 625 nm red light induces a strong rolling phenotype (see Ohyama et al., 2015, FBrf0228257). Donor: Karen Hibbard, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: CsChrimson, UAS, CG31760, GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 79599

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_79599, BL79599

Organism Name: w[1118] P{y[+t7.7] w[+mC]=20XUAS-IVS-CsChrimson.mVenus}attP18; P{y[+t7.7] w[+mC]=GMR72F11-GAL4}attP2

Record Creation Time: 20240911T223223+0000

Record Last Update: 20260725T200105+0000

Ratings and Alerts

No rating or validation information has been found for w[1118] P{y[+t7.7] w[+mC]=20XUAS-IVS-CsChrimson.mVenus}attP18; P{y[+t7.7] w[+mC]=GMR72F11-GAL4}attP2.

No alerts have been found for w[1118] P{y[+t7.7] w[+mC]=20XUAS-IVS-CsChrimson.mVenus}attP18; P{y[+t7.7] w[+mC]=GMR72F11-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.