

Resource Summary Report

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

[y\[1\] w\[*\]; TI{TI}VGlut1\[B2RT.STOP.smFLAG\] PBac{y\[+mDint2\] w\[+mC\]=20XUAS-DSCP-B2R}VK00018/CyO; P{w\[+mC\]=UAS-mCD8.ChRFP}3](#)

RRID:BDSC_94363

Type: Organism

Proper Citation

RRID:BDSC_94363

Organism Information

URL: <https://n2t.net/bdsc:94363>

Proper Citation: RRID:BDSC_94363

Description: Drosophila melanogaster with name y[1] w[*]; TI{TI}VGlut1[B2RT.STOP.smFLAG] PBac{y[+mDint2] w[+mC]=20XUAS-DSCP-B2R}VK00018/CyO; P{w[+mC]=UAS-mCD8.ChRFP}3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Steve Stowers, Montana State University

Affected Gene: B2R, UAS, Disc\RFP, VGlut1, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 94363

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_94363, BL94363

Organism Name: y[1] w[*]; TI{TI}VGlut1[B2RT.STOP.smFLAG] PBac{y[+mDint2] w[+mC]=20XUAS-DSCP-B2R}VK00018/CyO; P{w[+mC]=UAS-mCD8.ChRFP}3

Record Creation Time: 20240911T223448+0000

Record Last Update: 20260725T200357+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*];
TI{TI}VGlut1[B2RT.STOP.smFLAG] PBac{y[+mDint2] w[+mC]=20XUAS-DSCP-B2R}VK00018/CyO; P{w[+mC]=UAS-mCD8.ChRFP}3.

No alerts have been found for y[1] w[*]; TI{TI}VGlut1[B2RT.STOP.smFLAG]
PBac{y[+mDint2] w[+mC]=20XUAS-DSCP-B2R}VK00018/CyO; P{w[+mC]=UAS-mCD8.ChRFP}3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Meng Z, et al. (2025) Neurexin regulates mechanical nociceptive sensitization by central inhibition in Drosophila. Science advances, 11(51), eadz9682.

Ishida IG, et al. (2025) Neuronal calcium spikes enable vector inversion in the Drosophila brain. Cell.