

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMJ02228}attP40](#)

RRID:BDSC_42569

Type: Organism

Proper Citation

RRID:BDSC_42569

Organism Information

URL: <https://n2t.net/bdsc:42569>

Proper Citation: RRID:BDSC_42569

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMJ02228}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Transgenic RNAi Project

Affected Gene: fray, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 42569

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_42569, BL42569

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMJ02228}attP40

Record Creation Time: 20240911T222705+0000

Record Last Update: 20260815T191904+0000

Ratings and Alerts

No rating or validation information has been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMJ02228}attP40.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMJ02228}attP40.

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 [dkNET](#) .

Cao H, et al. (2026) The WNK-OXSRI osmosensing pathway mediates intestinal regeneration via Hippo-YAP signaling. The EMBO journal, 45(8), 2456.

Lones L, et al. (2023) SIK3 and Wnk converge on Fray to regulate glial K⁺ buffering and seizure susceptibility. PLoS genetics, 19(1), e1010581.

Wang ZH, et al. (2023) Mechanical stimulation from the surrounding tissue activates mitochondrial energy metabolism in Drosophila differentiating germ cells. Developmental cell, 58(21), 2249.

Eick AK, et al. (2022) The opposing chloride cotransporters KCC and NKCC control locomotor activity in constant light and during long days. Current biology : CB, 32(6), 1420.

Izadifar A, et al. (2021) Axon morphogenesis and maintenance require an evolutionary conserved safeguard function of Wnk kinases antagonizing Sarm and Axed. Neuron, 109(18), 2864.

Rotelli MD, et al. (2019) An RNAi Screen for Genes Required for Growth of Drosophila Wing Tissue. G3 (Bethesda, Md.), 9(10), 3087.