

Resource Summary Report

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

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMJ23143}attP40](#)

RRID:BDSC_61309

Type: Organism

Proper Citation

RRID:BDSC_61309

Organism Information

URL: <https://n2t.net/bdsc:61309>

Proper Citation: RRID:BDSC_61309

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMJ23143}attP40 from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: Mmp2, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 61309

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_61309, BL61309

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMJ23143}attP40

Record Creation Time: 20240911T222930+0000

Record Last Update: 20260815T192212+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.HMJ23143}attP40.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMJ23143}attP40.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Feist D, et al. (2026) Drosophila Transglutaminase preserves the integrity of muscle attachments with and without mechanical strain. *Journal of cell science*, 139(5).

Song Y, et al. (2025) Mechanical coupling between dorsal and ventral surfaces shapes the Drosophila haltere. *Current biology : CB*, 35(13), 3090.

Ding G, et al. (2025) A tumor-secreted protein utilizes glucagon release to cause host wasting. *Cell discovery*, 11(1), 11.

Keret S, et al. (2025) A Drosophila screen of schizophrenia genes highlights neural and glial MMPs in neuronal remodeling. *Life science alliance*, 8(12).

Harmansa S, et al. (2023) Growth anisotropy of the extracellular matrix shapes a developing organ. *Nature communications*, 14(1), 1220.

Diwanji N, et al. (2020) Basement membrane damage by ROS- and JNK-mediated Mmp2 activation drives macrophage recruitment to overgrown tissue. *Nature communications*, 11(1), 3631.

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

Kanda H, et al. (2019) Degradation of Extracellular Matrix by Matrix Metalloproteinase 2 Is Essential for the Establishment of the Blood-Brain Barrier in Drosophila. *iScience*, 16, 218.