

Resource Summary Report

Generated by [dkNET](#) on Sep 23, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS00043}attP2](#)

RRID:BDSC_33642

Type: Organism

Proper Citation

RRID:BDSC_33642

Organism Information

URL: <https://n2t.net/bdsc:33642>

Proper Citation: RRID:BDSC_33642

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00043}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: mys, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 33642

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_33642, BDSC:33642, BL33642

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00043}attP2

Record Creation Time: 20240911T222544+0000

Record Last Update: 20260919T203009+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.HMS00043}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00043}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Simon E, et al. (2025) Filopodia are essential for steroid release. Nature communications, 16(1), 5501.

Gonçalves M, et al. (2025) The Dystrophin-Dystroglycan complex ensures cytokinesis efficiency in Drosophila epithelia. EMBO reports, 26(2), 307.

Godeau AL, et al. (2025) A transient contractile seam promotes epithelial sealing and sequential assembly of body segments. Nature communications, 16(1), 4010.

Wang Q, et al. (2025) Targeting and anchoring the mechanosensitive ion channel Piezo to facilitate its inhibition of axon regeneration. PLoS genetics, 21(12), e1011968.

Leroy C, et al. (2024) Linking Basement Membrane and Slit Diaphragm in Drosophila Nephrocytes. Journal of the American Society of Nephrology : JASN, 35(9), 1208.

Ku HY, et al. (2023) Specialized cells that sense tissue mechanics to regulate Drosophila morphogenesis. Developmental cell, 58(3), 211.

Marmor-Kollet N, et al. (2023) Actin-dependent astrocytic infiltration is a key step for axon defasciculation during remodeling. Cell reports, 42(2), 112117.

Hernandez SJ, et al. (2023) An altered extracellular matrix-integrin interface contributes to Huntington's disease-associated CNS dysfunction in glial and vascular cells. Human molecular genetics, 32(9), 1483.

Ermanoska B, et al. (2023) Non-muscle myosin II regulates presynaptic actin assemblies and neuronal mechanobiology. bioRxiv : the preprint server for biology.

Ren Q, et al. (2022) The exit of axons and glial membrane from the developing Drosophila retina requires integrins. Molecular brain, 15(1), 2.

Tseng CY, et al. (2022) chinmo-mutant spermatogonial stem cells cause mitotic drive by evicting non-mutant neighbors from the niche. Developmental cell, 57(1), 80.

Figueiredo J, et al. (2022) Integrin $\alpha 1$ orchestrates the abnormal cell-matrix attachment and invasive behaviour of E-cadherin dysfunctional cells. *Gastric cancer : official journal of the International Gastric Cancer Association and the Japanese Gastric Cancer Association*, 25(1), 124.

Kong HE, et al. (2022) Identification of PSMB5 as a genetic modifier of fragile X-associated tremor/ataxia syndrome. *Proceedings of the National Academy of Sciences of the United States of America*, 119(22), e2118124119.

Evans CJ, et al. (2021) A functional genomics screen identifying blood cell development genes in *Drosophila* by undergraduates participating in a course-based research experience. *G3 (Bethesda, Md.)*, 11(1).

Besen-McNally R, et al. (2021) Wound-induced polyploidization is dependent on Integrin-Yki signaling. *Biology open*, 10(1).

Liu Z, et al. (2020) An RNAi screen for secreted factors and cell-surface players in coordinating neuron and glia development in *Drosophila*. *Molecular brain*, 13(1), 1.

Hassan A, et al. (2019) A Change in ECM Composition Affects Sensory Organ Mechanics and Function. *Cell reports*, 27(8), 2272.

Lovegrove HE, et al. (2019) The role of integrins in *Drosophila* egg chamber morphogenesis. *Development (Cambridge, England)*, 146(23).

Sun J, et al. (2018) FGF controls epithelial-mesenchymal transitions during gastrulation by regulating cell division and apicobasal polarity. *Development (Cambridge, England)*, 145(19).