

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS01168}attP2](#)

RRID:BDSC_34977

Type: Organism

Proper Citation

RRID:BDSC_34977

Organism Information

URL: <https://n2t.net/bdsc:34977>

Proper Citation: RRID:BDSC_34977

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01168}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM3, Sb[1]. Donor: Transgenic RNAi Project

Affected Gene: Imp, UAS, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 34977

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_34977, BL34977

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01168}attP2

Record Creation Time: 20240911T222559+0000

Record Last Update: 20260815T191747+0000

Ratings and Alerts

No rating or validation information has been found for y[1] v[1]; P{y[+7.7] v[+1.8]=TRiP.HMS01168}attP2.

No alerts have been found for y[1] v[1]; P{y[+7.7] v[+1.8]=TRiP.HMS01168}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Lee JY, et al. (2025) Imp/IGF2BP and Syp/SYNCRIP temporal RNA interactomes uncover combinatorial networks of regulators of Drosophila brain development. Science advances, 11(6), eadr6682.

Sood C, et al. (2024) Delta-dependent Notch activation closes the early neuroblast temporal program to promote lineage progression and neurogenesis termination in Drosophila. eLife, 12.

Hamid A, et al. (2024) The conserved RNA-binding protein Imp is required for the specification and function of olfactory navigation circuitry in Drosophila. Current biology : CB, 34(3), 473.

Hamid A, et al. (2023) The RNA-binding protein, Imp specifies olfactory navigation circuitry and behavior in Drosophila. bioRxiv : the preprint server for biology.

Munroe JA, et al. (2023) Imp is expressed in INPs and newborn neurons where it regulates neuropil targeting in the central complex. Neural development, 18(1), 9.

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.

Pushpalatha KV, et al. (2022) RNP components condense into repressive RNP granules in the aging brain. Nature communications, 13(1), 2782.

To V, et al. (2021) Lin28 and Imp are Required for Stability of Bowl Transcripts in Hub Cells of the Drosophila Testis. Development & reproduction, 25(4), 313.

Perochon J, et al. (2021) Dynamic adult tracheal plasticity drives stem cell adaptation to changes in intestinal homeostasis in Drosophila. Nature cell biology, 23(5), 485.

Samuels TJ, et al. (2020) Neuronal upregulation of Prospero protein is driven by alternative mRNA polyadenylation and Syncric-mediated mRNA stabilisation. Biology

open, 9(5).

Rossi AM, et al. (2020) Extrinsic activin signaling cooperates with an intrinsic temporal program to increase mushroom body neuronal diversity. *eLife*, 9.

Berson A, et al. (2019) *Drosophila* Ref1/ALYREF regulates transcription and toxicity associated with ALS/FTD disease etiologies. *Acta neuropathologica communications*, 7(1), 65.

Landskron L, et al. (2018) The asymmetrically segregating lncRNA cherub is required for transforming stem cells into malignant cells. *eLife*, 7.

Mach J, et al. (2018) Modulation of the Hippo pathway and organ growth by RNA processing proteins. *Proceedings of the National Academy of Sciences of the United States of America*, 115(42), 10684.