# Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 5, 2025

## y[1] v[1]; P{y[+t7.7]=CaryP}Msp300[attP40]

RRID:BDSC_36304
Type: Organism

### Proper Citation

RRID:BDSC_36304

### Organism Information

**URL:** https://n2t.net/bdsc:36304

**Proper Citation:** RRID:BDSC_36304

**Description:** Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7]=CaryP}Msp300[attP40] from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Control line for TRiP RNAi lines. Donor: Transgenic RNAi Project

**Affected Gene:** Msp300, v, y

**Genomic Alteration:** Chromosome 1, Chromosome 2

**Catalog Number:** 36304

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC:36304, BL36304

**Organism Name:** y[1] v[1]; P{y[+t7.7]=CaryP}Msp300[attP40]

**Record Creation Time:** 20240911T222612+0000

**Record Last Update:** 20250331T212157+0000

## Ratings and Alerts

No rating or validation information has been found for y[1] v[1]; P{y[+t7.7]=CaryP}Msp300[attP40].

No alerts have been found for y[1] v[1]; P{y[+t7.7]=CaryP}Msp300[attP40].

## Data and Source Information

**Source:** Integrated Animals

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

## Usage and Citation Metrics

We found 58 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.


Gao J, et al. (2024) Dietary L-Glu sensing by enteroendocrine cells adjusts food intake via modulating gut PYY/NPF secretion. Nature communications, 15(1), 3514.

Owings KG, et al. (2024) A Drosophila screen identifies a role for histone methylation in ER stress preconditioning. G3 (Bethesda, Md.), 14(2).

Imoto K, et al. (2024) Neural-circuit basis of song preference learning in fruit flies. iScience, 27(7), 110266.

Dalton HM, et al. (2024) A drug repurposing screen reveals dopamine signaling as a critical pathway underlying potential therapeutics for the rare disease DPAGT1-CDG. PLoS genetics, 20(10), e1011458.

Kazek M, et al. (2024) Glucose and trehalose metabolism through the cyclic pentose phosphate pathway shapes pathogen resistance and host protection in Drosophila. PLoS biology, 22(5), e3002299.

Hérault C, et al. (2024) Cellular sex throughout the organism underlies somatic sexual differentiation. Nature communications, 15(1), 6925.

Duan Q, et al. (2023) The effect of Drosophila attP40 background on the glomerular organization of Or47b olfactory receptor neurons. G3 (Bethesda, Md.), 13(4).

Calvin-Cejudo L, et al. (2023) Neuron-glia interaction at the receptor level affects olfactory perception in adult Drosophila. iScience, 26(1), 105837.

Oliveras-Cañellas N, et al. (2023) Adipose tissue coregulates cognitive function. Science advances, 9(32), eadg4017.

Fischer JA, et al. (2023) Opposing effects of genetic variation in MTCH2 for obesity versus heart failure. Human molecular genetics, 32(1), 15.

Noyes NC, et al. (2023) Innate and learned odor-guided behaviors utilize distinct molecular signaling pathways in a shared dopaminergic circuit. Cell reports, 42(2), 112026.

O'Neill RS, et al. (2023) Spd-2 gene duplication reveals cell-type-specific pericentriolar material regulation. Current biology : CB, 33(14), 3031.

Owings KG, et al. (2023) A Drosophila screen identifies a role for histone methylation in ER stress preconditioning. bioRxiv : the preprint server for biology.

Bosch JA, et al. (2023) Molecular and functional characterization of the Drosophila melanogaster conserved smORFome. Cell reports, 42(11), 113311.

Ishida IG, et al. (2023) Neuronal calcium spikes enable vector inversion in the Drosophila brain. bioRxiv : the preprint server for biology.

Kira A, et al. (2023) Apoptotic extracellular vesicle formation via local phosphatidylserine exposure drives efficient cell extrusion. Developmental cell, 58(14), 1282.

Li K, et al. (2023) Belly roll, a GPI-anchored Ly6 protein, regulates Drosophila melanogaster escape behaviors by modulating the excitability of nociceptive peptidergic interneurons. eLife, 12.

Park SY, et al. (2023) Targeted down-regulation of Hipp1 ameliorates tau-induced deficits in Drosophila melanogaster. Genes & diseases, 10(6), 2248.

Okray Z, et al. (2023) Multisensory learning binds neurons into a cross-modal memory engram. Nature, 617(7962), 777.

Smith BR, et al. (2023) The genetic basis of variation in immune defense against Lysinibacillus fusiformis infection in Drosophila melanogaster. PLoS pathogens, 19(8), e1010934.