

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

[y\[1\] w\[1118\]; P{w\[+mC\]=UAS-InR.A1325D}2](#)

RRID:BDSC_8263

Type: Organism

Proper Citation

RRID:BDSC_8263

Organism Information

URL: <https://n2t.net/bdsc:8263>

Proper Citation: RRID:BDSC_8263

Description: Drosophila melanogaster with name y[1] w[1118]; P{w[+mC]=UAS-InR.A1325D}2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Exelixis, Inc.

Affected Gene: InR, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 8263

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_8263, BL8263

Organism Name: y[1] w[1118]; P{w[+mC]=UAS-InR.A1325D}2

Record Creation Time: 20240911T222215+0000

Record Last Update: 20260829T185557+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[1118]; P{w[+mC]=UAS-InR.A1325D}2.

No alerts have been found for y[1] w[1118]; P{w[+mC]=UAS-InR.A1325D}2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Sridharan S, et al. (2026) ILP4 and InR regulate paclitaxel-induced hypersensitivity differently in Drosophila larvae. *Molecular biology of the cell*, 37(1), ar11.

Tripathi BK, et al. (2025) Dachous-Fat Signaling Shapes the Drosophila Wing through Mechanical Forces. *bioRxiv : the preprint server for biology*.

Liu Y, et al. (2025) Hepatic gluconeogenesis and PDK3 upregulation drive cancer cachexia in flies and mice. *Nature metabolism*, 7(4), 823.

Huang YT, et al. (2025) Activation of a Src-JNK pathway in unscheduled endocycling cells of the Drosophila wing disc induces a chronic wounding response. *bioRxiv : the preprint server for biology*.

Takada Y, et al. (2025) Gut microbiota-mediated lipid accumulation as a driver of evolutionary adaptation to blue light toxicity in Drosophila. *Communications biology*, 8(1), 998.

Dong Q, et al. (2025) The blood-brain barrier regulates brain tumor growth through the SLC36 amino acid transporter Pathetic in Drosophila. *PLoS biology*, 23(11), e3003496.

El Marzukioui K, et al. (2025) A switch to non-proliferative growth sustains Drosophila wing development during the early pupal stage. *Current biology : CB*, 35(16), 4043.

Zhang R, et al. (2024) Soma-germline communication drives sex maintenance in the Drosophila testis. *National science review*, 11(8), nwae215.

Tan JYK, et al. (2024) Interplay between autophagy and CncC regulates dendrite pruning in Drosophila. *Proceedings of the National Academy of Sciences of the United States of America*, 121(10), e2310740121.

Kumar N, et al. (2024) Balancing competing effects of tissue growth and cytoskeletal regulation during Drosophila wing disc development. *Nature communications*, 15(1), 2477.

Morón-Oset J, et al. (2023) Repeat length of C9orf72-associated glycine-alanine polypeptides affects their toxicity. *Acta neuropathologica communications*, 11(1), 140.

Krejčová G, et al. (2023) Macrophage-derived insulin antagonist ImpL2 induces lipoprotein mobilization upon bacterial infection. *The EMBO journal*, 42(23), e114086.

Greenspan LJ, et al. (2022) Activation of the EGFR/MAPK pathway drives transdifferentiation of quiescent niche cells to stem cells in the *Drosophila* testis niche. *eLife*, 11.

Brooks D, et al. (2022) Independent pathways control muscle tissue size and sarcomere remodeling. *Developmental biology*, 490, 1.

He J, et al. (2022) Olfactory Senses Modulate Food Consumption and Physiology in *Drosophila melanogaster*. *Frontiers in behavioral neuroscience*, 16, 788633.

Ohhara Y, et al. (2022) Su(var)2-10- and Su(var)205-dependent upregulation of the heterochromatic gene *neverland* is required for developmental transition in *Drosophila*. *Genetics*, 222(3).

Dabbara H, et al. (2021) *Drosophila* insulin receptor regulates diabetes-induced mechanical nociceptive hypersensitivity. *microPublication biology*, 2021.

Atilano ML, et al. (2021) Enhanced insulin signalling ameliorates C9orf72 hexanucleotide repeat expansion toxicity in *Drosophila*. *eLife*, 10.

Bakopoulos D, et al. (2020) Insulin-Like Signalling Influences the Coordination of Larval Hemocyte Number with Body Size in *Drosophila melanogaster*. *G3 (Bethesda, Md.)*, 10(7), 2213.

Hwang SH, et al. (2020) Von Hippel-Lindau tumor suppressor (VHL) stimulates TOR signaling by interacting with phosphoinositide 3-kinase (PI3K). *The Journal of biological chemistry*, 295(8), 2336.