

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

[y\[1\] w\[*\]; P{w\[+m*\]=GAL4-ey.H}3-8, P{w\[+mC\]=UAS-FLP.D}JD1; P{ry\[+t7.2\]=neoFRT}82B P{w\[+mC\]=GMR-hid}SS4, l\(3\)CL-R\[1\]/TM2](#)

RRID:BDSC_5253

Type: Organism

Proper Citation

RRID:BDSC_5253

Organism Information

URL: <https://n2t.net/bdsc:5253>

Proper Citation: RRID:BDSC_5253

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+m*]=GAL4-ey.H}3-8, P{w[+mC]=UAS-FLP.D}JD1; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=GMR-hid}SS4, l(3)CL-R[1]/TM2 from BDSC.

Species: Drosophila melanogaster

Notes: Putative cell lethal mutation(s) on P{GMR-hid} chromosome improve eye morphology in clonal studies. Donor: Steve Stowers, Montana State University

Affected Gene: l(3)CL-R, ey, GAL4, GMR, hid, FRT, FLP, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 5253

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_5253, BL5253

Organism Name: y[1] w[*]; P{w[+m*]=GAL4-ey.H}3-8, P{w[+mC]=UAS-FLP.D}JD1; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=GMR-hid}SS4, l(3)CL-R[1]/TM2

Record Creation Time: 20240911T222151+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+m*]=GAL4-ey.H}3-8, P{w[+mC]=UAS-FLP.D}JD1; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=GMR-hid}SS4, l(3)CL-R[1]/TM2.

No alerts have been found for y[1] w[*]; P{w[+m*]=GAL4-ey.H}3-8, P{w[+mC]=UAS-FLP.D}JD1; P{ry[+t7.2]=neoFRT}82B P{w[+mC]=GMR-hid}SS4, l(3)CL-R[1]/TM2.

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](#) .

Tzou FY, et al. (2025) Dihydroceramide desaturase modulates autolysosome maturation and ameliorates CRB1 retinopathy. *Biochimica et biophysica acta. Molecular basis of disease*, 1871(5), 167736.

Xu M, et al. (2025) Gp93 safeguards tissue homeostasis by preventing ROS-JNK-mediated apoptosis. *Redox biology*, 81, 103537.

Harden TT, et al. (2023) Transcriptional activators in the early Drosophila embryo perform different kinetic roles. *Cell systems*, 14(4), 258.

Voortman L, et al. (2022) Temporally dynamic antagonism between transcription and chromatin compaction controls stochastic photoreceptor specification in flies. *Developmental cell*, 57(15), 1817.

Ready DF, et al. (2021) Calcium waves facilitate and coordinate the contraction of endfeet actin stress fibers in Drosophila interommatidial cells. *Development (Cambridge, England)*, 148(22).

Plazaola-Sasieta H, et al. (2019) Drosophila ClC-a is required in glia of the stem cell niche for proper neurogenesis and wiring of neural circuits. *Glia*, 67(12), 2374.

Alejevski F, et al. (2019) The HisCl1 histamine receptor acts in photoreceptors to synchronize Drosophila behavioral rhythms with light-dark cycles. *Nature communications*, 10(1), 252.

Ren S, et al. (2018) dTBC1D7 regulates systemic growth independently of TSC through insulin signaling. *The Journal of cell biology*, 217(2), 517.