

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

[P{w\[+m*\]=Appl-GAL4.G1a}1, y\[1\] w\[*\]](#)

RRID:BDSC_32040

Type: Organism

Proper Citation

RRID:BDSC_32040

Organism Information

URL: <https://n2t.net/bdsc:32040>

Proper Citation: RRID:BDSC_32040

Description: Drosophila melanogaster with name P{w[+m*]=Appl-GAL4.G1a}1, y[1] w[*] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Lawrence Goldstein, University of California, San Diego

Affected Gene: Appl, GAL4, w, y

Genomic Alteration: Chromosome 1

Catalog Number: 32040

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_32040, BL32040

Organism Name: P{w[+m*]=Appl-GAL4.G1a}1, y[1] w[*]

Record Creation Time: 20240911T222529+0000

Record Last Update: 20260801T195108+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+m*]=Appl-GAL4.G1a}1, y[1] w[*].

No alerts have been found for P{w[+m*]=Appl-GAL4.G1a}1, y[1] w[*].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Burján T, et al. (2025) Comparative Analysis of Two Autophagy-Enhancing Small Molecules (AUTEN-67 and -99) in a Drosophila Model of Spinocerebellar Ataxia Type 1. International journal of molecular sciences, 26(21).

Bisarad P, et al. (2025) Recessive genomic and phenotypic variation in consanguineous families with cerebral palsy. medRxiv : the preprint server for health sciences.

Krzystek TJ, et al. (2025) Opposing roles for GSK3 γ and ERK1-dependent phosphorylation of huntingtin during neuronal dysfunction and cell death in Huntington's disease. Cell death & disease, 16(1), 328.

Manuel N, et al. (2025) Genotype-Specific Electroretinogram Signatures in Drosophila: Implications for Neurodegeneration Models Using w¹¹¹⁸ Backgrounds. bioRxiv : the preprint server for biology.

Liao JZ, et al. (2024) Cdk8/CDK19 promotes mitochondrial fission through Drp1 phosphorylation and can phenotypically suppress pink1 deficiency in Drosophila. Nature communications, 15(1), 3326.

Lewis SA, et al. (2024) eIF2 γ phosphorylation evokes dystonia-like movements with D2-receptor and cholinergic origin and abnormal neuronal connectivity. bioRxiv : the preprint server for biology.

Kovács T, et al. (2022) A conserved MTMR lipid phosphatase increasingly suppresses autophagy in brain neurons during aging. Scientific reports, 12(1), 21817.

Cao Y, et al. (2021) Increased expression of fragmented tRNA promoted neuronal necrosis. Cell death & disease, 12(9), 823.

Pooryasin A, et al. (2021) Unc13A and Unc13B contribute to the decoding of distinct sensory information in Drosophila. Nature communications, 12(1), 1932.

- Banerjee R, et al. (2021) A stop or go switch: glycogen synthase kinase 3 γ phosphorylation of the kinesin 1 motor domain at Ser314 halts motility without detaching from microtubules. *Development (Cambridge, England)*, 148(24).
- Krzystek TJ, et al. (2021) Differential mitochondrial roles for α -synuclein in DRP1-dependent fission and PINK1/Parkin-mediated oxidation. *Cell death & disease*, 12(9), 796.
- Schroeder S, et al. (2021) Dietary spermidine improves cognitive function. *Cell reports*, 35(2), 108985.
- Mórotz GM, et al. (2019) Kinesin light chain-1 serine-460 phosphorylation is altered in Alzheimer's disease and regulates axonal transport and processing of the amyloid precursor protein. *Acta neuropathologica communications*, 7(1), 200.
- Moskalev A, et al. (2019) The Neuronal Overexpression of Gclc in *Drosophila melanogaster* Induces Life Extension With Longevity-Associated Transcriptomic Changes in the Thorax. *Frontiers in genetics*, 10, 149.
- Vagnoni A, et al. (2018) A cAMP/PKA/Kinesin-1 Axis Promotes the Axonal Transport of Mitochondria in Aging *Drosophila* Neurons. *Current biology : CB*, 28(8), 1265.
- Galagovsky D, et al. (2018) Sobremesa L-type Amino Acid Transporter Expressed in Glia Is Essential for Proper Timing of Development and Brain Growth. *Cell reports*, 24(12), 3156.
- Ray A, et al. (2017) Glial Draper Rescues A β Toxicity in a *Drosophila* Model of Alzheimer's Disease. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(49), 11881.