

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 3, 2026

w[1118]; P{w[+m*]=NRE-EGFP.S}5A

RRID:BDSC_30727

Type: Organism

Proper Citation

RRID:BDSC_30727

Organism Information

URL: <https://n2t.net/bdsc:30727>

Proper Citation: RRID:BDSC_30727

Description: Drosophila melanogaster with name w[1118]; P{w[+m*]=NRE-EGFP.S}5A from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO P{w[+mC]=ActGFP}JMR1. Donor: Gunter Merdes, University of Basel

Affected Gene: Avic\GFP, N, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 30727

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_30727, BL30727

Organism Name: w[1118]; P{w[+m*]=NRE-EGFP.S}5A

Record Creation Time: 20240911T222517+0000

Record Last Update: 20260801T195053+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+m*]=NRE-EGFP.S}5A.

No alerts have been found for w[1118]; P{w[+m*]=NRE-EGFP.S}5A.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Zhang Y, et al. (2025) Restoring calcium crosstalk between ER and mitochondria promotes intestinal stem cell rejuvenation through autophagy in aged Drosophila. *Nature communications*, 16(1), 4909.

Marcetteau J, et al. (2025) Transdifferentiation of plasmatocytes to crystal cells in the lymph gland of *Drosophila melanogaster*. *EMBO reports*, 26(8), 2077.

Ray A, et al. (2024) The Endosomal Sorting Complex, ESCRT, has diverse roles in blood progenitor maintenance, lineage choice and immune response. *Biology open*, 13(6).

Touré H, et al. (2024) Remote disruption of intestinal homeostasis by *Mycobacterium abscessus* is detrimental to *Drosophila* survival. *Scientific reports*, 14(1), 30775.

Carney TD, et al. (2024) Tumor suppressor miR-317 and lncRNA Peony are expressed from a polycistronic non-coding RNA locus that regulates germline differentiation and testis morphology. *bioRxiv : the preprint server for biology*.

Tajiri R, et al. (2023) Notch signaling generates the "cut here line" on the cuticle of the puparium in *Drosophila melanogaster*. *iScience*, 26(8), 107279.

Abidi SNF, et al. (2023) Regenerative growth is constrained by brain tumor to ensure proper patterning in *Drosophila*. *PLoS genetics*, 19(12), e1011103.

Gera J, et al. (2022) Physiological ROS controls Upd3-dependent modeling of ECM to support cardiac function in *Drosophila*. *Science advances*, 8(7), eabj4991.

Ho MT, et al. (2022) ?-Phenylalanyl tRNA synthetase competes with Notch signaling through its N-terminal domain. *PLoS genetics*, 18(4), e1010185.

Tang R, et al. (2021) Intravital imaging strategy FlyVAB reveals the dependence of *Drosophila* enteroblast differentiation on the local physiology. *Communications biology*, 4(1), 1223.

Yatsenko AS, et al. (2021) Distant activation of Notch signaling induces stem cell niche assembly. *PLoS genetics*, 17(3), e1009489.

Enomoto M, et al. (2021) Interaction between Ras and Src clones causes interdependent tumor malignancy via Notch signaling in *Drosophila*. *Developmental cell*, 56(15), 2223.

Ray A, et al. (2021) A Conserved Role for Asrij/OCIAD1 in Progenitor Differentiation and Lineage Specification Through Functional Interaction With the Regulators of Mitochondrial Dynamics. *Frontiers in cell and developmental biology*, 9, 643444.

Sahu A, et al. (2021) Germline soma communication mediated by gap junction proteins regulates epithelial morphogenesis. *PLoS genetics*, 17(8), e1009685.

Serafini G, et al. (2020) The Impact of *Drosophila* Awd/NME1/2 Levels on Notch and Wg Signaling Pathways. *International journal of molecular sciences*, 21(19).

Zipper L, et al. (2020) Ecdysone steroid hormone remote controls intestinal stem cell fate decisions via the PPAR γ -homolog Eip75B in *Drosophila*. *eLife*, 9.

Wilson C, et al. (2020) Expression of a human variant of CHMP2B linked to neurodegeneration in *Drosophila* external sensory organs leads to cell fate transformations associated with increased Notch activity. *Developmental neurobiology*, 80(3-4), 85.

Ng CL, et al. (2019) Notch and Delta are required for survival of the germline stem cell lineage in testes of *Drosophila melanogaster*. *PloS one*, 14(9), e0222471.

Yang SA, et al. (2019) Oncogenic Notch Triggers Neoplastic Tumorigenesis in a Transition-Zone-like Tissue Microenvironment. *Developmental cell*, 49(3), 461.

Jeong EB, et al. (2019) Makorin 1 is required for *Drosophila* oogenesis by regulating insulin/Tor signaling. *PloS one*, 14(4), e0215688.