

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

[y\[1\] w\[*\]; Kr\[If-1\]/CyO; P{y\[+t7.7\] w\[+mC\]=UAS-3xFLAG.dCas9.VPR}attP2](#)

RRID:BDSC_66562

Type: Organism

Proper Citation

RRID:BDSC_66562

Organism Information

URL: <https://n2t.net/bdsc:66562>

Proper Citation: RRID:BDSC_66562

Description: Drosophila melanogaster with name y[1] w[*]; Kr[If-1]/CyO; P{y[+t7.7] w[+mC]=UAS-3xFLAG.dCas9.VPR}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Cy not fully penetrant; may be segregating TM6B, Tb[1]. Donor: Norbert Perrimon, Harvard Medical School

Affected Gene: Kr, dCas9::VPR, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 66562

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_66562, BL66562

Organism Name: y[1] w[*]; Kr[If-1]/CyO; P{y[+t7.7] w[+mC]=UAS-3xFLAG.dCas9.VPR}attP2

Record Creation Time: 20240911T223020+0000

Record Last Update: 20260829T190650+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; Kr[lf-1]/CyO; P{y[+t7.7] w[+mC]=UAS-3xFLAG.dCas9.VPR}attP2.

No alerts have been found for y[1] w[*]; Kr[lf-1]/CyO; P{y[+t7.7] w[+mC]=UAS-3xFLAG.dCas9.VPR}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Ren M, et al. (2026) Glycerol 3-phosphate acyltransferase exacerbates ??-synuclein-induced toxicity by increasing lipid peroxidation. Nature communications, 17(1), 1618.

Loker R, et al. (2025) RNA-RNA interactions coordinate GABA metabolism and signaling. bioRxiv : the preprint server for biology.

Du C, et al. (2025) Social experience alters behaviors by reprogramming the Fruitless pathway and circadian state in Drosophila. bioRxiv : the preprint server for biology.

Petsakou A, et al. (2023) Epithelial Ca²⁺ waves triggered by enteric neurons heal the gut. bioRxiv : the preprint server for biology.

Petsakou A, et al. (2023) Cholinergic neurons trigger epithelial Ca²⁺ currents to heal the gut. Nature, 623(7985), 122.

Ng WA, et al. (2020) A Method for Rapid Selection of Randomly Induced Mutations in a Gene of Interest Using CRISPR/Cas9 Mediated Activation of Gene Expression. G3 (Bethesda, Md.), 10(6), 1893.

Jia Y, et al. (2018) Next-generation CRISPR/Cas9 transcriptional activation in Drosophila using flySAM. Proceedings of the National Academy of Sciences of the United States of America, 115(18), 4719.