

Resource Summary Report

Generated by [dkNET](#) on Aug 15, 2026

[w\[*\]; PBac{LexAop2-Syb.GFP.P10}VK00037
PBac{LexAop2-
QF2.V5.hSNAP25.HIVNES.Syx1A}VK00018/CyO;
P{20XUAS-B3R.PEST}attP2
PBac{UAS\(B3RT.B2\)BoNTA}VK00005 P{QUAS-
mtdTomato-3xHA}26/TM2](#)

RRID:BDSC_90825

Type: Organism

Proper Citation

RRID:BDSC_90825

Organism Information

URL: <https://n2t.net/bdsc:90825>

Proper Citation: RRID:BDSC_90825

Description: Drosophila melanogaster with name w[*]; PBac{LexAop2-Syb.GFP.P10}VK00037 PBac{LexAop2-QF2.V5.hSNAP25.HIVNES.Syx1A}VK00018/CyO; P{20XUAS-B3R.PEST}attP2 PBac{UAS(B3RT.B2)BoNTA}VK00005 P{QUAS-mtdTomato-3xHA}26/TM2 from BDSC.

Species: Drosophila melanogaster

Notes: PBac{UAS(B3RT.B2)BoNTA} is inserted in VK00005 and VK00027. Carries two PBac{UAS(B3RT.B2)BoNTA} insertions at VK00005 and VK00027. Used for the BAcTrace system. Donor: Greg Jefferis & Sebastian Cachero, MRC Laboratory of Molecular Biology

Affected Gene: lexAop, QF2, Syx1A, Syb, B3RT, Cbot\BoNT-A, Rnor\CD2, UAS, B3R, Disc\RFP, QUAS, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 90825

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_90825, BL90825

Organism Name: w[*]; PBac{LexAop2-Syb.GFP.P10}VK00037 PBac{LexAop2-QF2.V5.hSNAP25.HIVNES.Syx1A}VK00018/CyO; P{20XUAS-B3R.PEST}attP2 PBac{UAS(B3RT.B2)BoNTA}VK00005 P{QUAS-mtdTomato-3xHA}26/TM2

Record Creation Time: 20240911T223413+0000

Record Last Update: 20260815T192811+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; PBac{LexAop2-Syb.GFP.P10}VK00037 PBac{LexAop2-QF2.V5.hSNAP25.HIVNES.Syx1A}VK00018/CyO; P{20XUAS-B3R.PEST}attP2 PBac{UAS(B3RT.B2)BoNTA}VK00005 P{QUAS-mtdTomato-3xHA}26/TM2.

No alerts have been found for w[*]; PBac{LexAop2-Syb.GFP.P10}VK00037 PBac{LexAop2-QF2.V5.hSNAP25.HIVNES.Syx1A}VK00018/CyO; P{20XUAS-B3R.PEST}attP2 PBac{UAS(B3RT.B2)BoNTA}VK00005 P{QUAS-mtdTomato-3xHA}26/TM2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Scholz-Carlson E, et al. (2025) Synaptic targets of circadian clock neurons influence core clock parameters. Science advances, 11(36), eadw4666.

Scholz-Carlson E, et al. (2025) Synaptic Targets of Circadian Clock Neurons Influence Core Clock Parameters. bioRxiv : the preprint server for biology.

Jiang R, et al. (2025) Regulation of pre-dawn arousal in Drosophila by a pair of trissinergic descending neurons of the visual and circadian networks. Current biology : CB, 35(8), 1750.