

Resource Summary Report

Generated by [nidm-terms](#) on Aug 11, 2026

BN617

RRID:WB-STRAIN:WBStrain00003869

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00003869>

Proper Citation: RRID:WB-STRAIN:WBStrain00003869

Description: Caenorhabditis elegans with name bqSi294 II; bqSi614 IV. from WB.

Species: Caenorhabditis elegans

Synonyms: bqSi294 II; bqSi614 IV.

Notes: bqSi294 [hsp16.41p::FRT::mCherry::his-58::FRT::GFP::his-58 + unc-119(+)] II; bqSi614 [dat-1p::FLP D5::SL2::mNG + unc-119(+)] IV. Heat shock produces green nuclei in dopaminergic neurons and red nuclei elsewhere. Constitutive expression of diffusible mNeonGreen in dopaminergic neurons can mask GFP::HIS-58 signal.

Catalog Number: WB-STRAIN:WBStrain00003869

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:BN617, CGC_BN617

Organism Name: BN617

Record Creation Time: 20230227T013248+0000

Record Last Update: 20260808T170749+0000

Ratings and Alerts

No rating or validation information has been found for BN617.

No alerts have been found for BN617.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Rossi L, et al. (2025) The neuropeptide FLP-11 induces and self-inhibits sleep through the receptor DMSR-1 in *Caenorhabditis elegans*. *Current biology* : CB, 35(9), 2183.