

Resource Summary Report

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BN69

RRID:WB-STRAIN:WBStrain00003840

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00003840

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00003840>

Proper Citation: RRID:WB-STRAIN:WBStrain00003840

Description: *Caenorhabditis elegans* with name npp-5(tm3039)/mIn1 [mIs14 dpy-10(e128)] II; bqls51 ItIs37 IV. from WB.

Species: *Caenorhabditis elegans*

Synonyms: npp-5(tm3039)/mIn1 [mIs14 dpy-10(e128)] II; bqls51 ItIs37 IV.

Notes: bqls51 [pie-1p::GFP::npp-5 + unc-119(+)] IV. ItIs37 [pie-1p::mCherry::his-58 + unc-119(+)] IV. Expresses GFP::NPP-5 and mCherry in the germ line. Homozygous deletion chromosome balanced by GFP- and dpy-10-marked inversion. tm3039 homozygotes are viable but produce progeny that are primarily Lva or Lvl; bqls51 transgene rescues the npp-5(tm3039) phenotype. Heterozygotes are WT with relatively dim pharyngeal GFP signal, and segregate WT dim GFP, Dpy bright GFP (mIn1 homozygotes), and non-GFP tm3039 homozygotes. Pick WT with dim GFP in the pharynx and check for correct segregation of progeny to maintain. Reference: Rodenas E, et al. Mol Biol Cell. 2012 Mar;23(5):930-44.

Affected Gene: WBGene00001072(dpy-10)|WBGene00003791(npp-5)

Genomic Alteration: WBGene00001072(dpy-10), WBGene00003791(npp-5)

Catalog Number: WB-STRAIN:WBStrain00003840

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37254647](#), [PMID:37467327](#)

Alternate IDs: WB-STRAIN:BN69, CGC_BN69

Organism Name: BN69

Record Creation Time: 20230227T013247+0000

Record Last Update: 20260808T170748+0000

Ratings and Alerts

No rating or validation information has been found for BN69.

No alerts have been found for BN69.

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](#) .

Thomas L, et al. (2023) Nucleoporin foci are stress-sensitive condensates dispensable for C. elegans nuclear pore assembly. The EMBO journal, 42(13), e112987.