Resource Summary Report

Generated by dkNET on Sep 14, 2026

BN452

RRID:WB-STRAIN:WBStrain00003853
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00003853

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00003853

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Description: Caenorhabditis elegans with name bqSi189 II; mel-28(bq5[GFP::mel-28]) III. from WB.

Species: Caenorhabditis elegans

Synonyms: bqSi189 II; mel-28(bq5[GFP::mel-28]) III.

Notes: bqSi189 [lmn-1p::mCherry::his-58 + unc-119(+)] II. Strain ubiquitously expresses GFP::MEL-28 from the endogenous mel-28 locus. Transgene was inserted into parental strain N2 using CRISPR/Cas9 and co-conversion of dpy-10. Outcrossed twice to N2 to remove dpy-10. bqSi189 is a single-copy MosSCI insertion into ttTi5605 derived from injection of pBN13. Derived from parental strains BN189 and BN426. Reference: Gomez-Saldivar G, et al. PLoS Genet. 2016 Jun 24;12(6):e1006131.|"Made_by: C. Ayuso Garcia"

Affected Gene: WBGene00003210(mel-28)

Genomic Alteration: WBGene00003210(mel-28)

Catalog Number: WB-STRAIN:WBStrain00003853

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: PMID:37254647, PMID:37467327

Alternate IDs: WB-STRAIN:BN452, CGC_BN452

Organism Name: BN452

Record Creation Time: 20230227T013248+0000

Record Last Update: 20260912T181022+0000

Ratings and Alerts

No rating or validation information has been found for BN452.

No alerts have been found for BN452.

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Schorr AL, et al. (2023) An updated C. elegans nuclear body muscle transcriptome for studies in muscle formation and function. Skeletal muscle, 13(1), 4.

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