

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

BS3383

RRID:WB-STRAIN:WBStrain00003942

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00003942

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00003942>

Proper Citation: RRID:WB-STRAIN:WBStrain00003942

Description: Caenorhabditis elegans with name pmk-3(ok169). from WB.

Species: Caenorhabditis elegans

Synonyms: pmk-3(ok169).

Notes: F42G8.4. No obvious phenotype. Follow by PCR. Predicted gene is a p38 related Map Kinase. Approx. 1.5 kb deletion by agarose gel (not sequenced so end points not known). Nested PCR primers for detecting F42G8.4: F42G8.4EL1 5' - TCGCCCTTTGTATGTCTTCC - 3'. F42G8.4ER1 5' - TTCTCCAGGGATTAACGGTG - 3'. F42G8.4IL1 5' - TTTTCACTGCGTCTCAATCG - 3'. F42G8.4IR1 5' - TTTCAAATTTGCAGGTGTGC - 3'.|"Made_by: Barstead/Moulder"

Affected Gene: WBGene00004057(pmk-3)

Genomic Alteration: WBGene00004057(pmk-3)

Catalog Number: WB-STRAIN:WBStrain00003942

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37310929](#), [PMID:39532199](#)

Alternate IDs: WB-STRAIN:BS3383, CGC_BS3383

Organism Name: BS3383

Record Creation Time: 20230227T013248+0000

Record Last Update: 20260725T171646+0000

Ratings and Alerts

No rating or validation information has been found for BS3383.

No alerts have been found for BS3383.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Hu IM, et al. (2025) Immuno-metabolic stress responses control longevity from mitochondrial translation inhibition in *C. elegans*. *Nature communications*, 16(1), 6083.

Taouktsi E, et al. (2023) Mitochondrial p38 Mitogen-Activated Protein Kinase: Insights into Its Regulation of and Role in LONP1-Deficient Nematodes. *International journal of molecular sciences*, 24(24).

Morthorst TH, et al. (2013) Cell-nonautonomous inhibition of radiation-induced apoptosis by dynein light chain 1 in *Caenorhabditis elegans*. *Cell death & disease*, 4(9), e799.

Kramer LB, et al. (2010) UEV-1 is an ubiquitin-conjugating enzyme variant that regulates glutamate receptor trafficking in *C. elegans* neurons. *PloS one*, 5(12), e14291.

Park EC, et al. (2009) The ubiquitin ligase RPM-1 and the p38 MAPK PMK-3 regulate AMPA receptor trafficking. *PloS one*, 4(1), e4284.