

Resource Summary Report

Generated by [nidm-terms](#) on Aug 30, 2026

BX107

RRID:WB-STRAIN:WBStrain00004015

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00004015

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004015>

Proper Citation: RRID:WB-STRAIN:WBStrain00004015

Description: Caenorhabditis elegans with name fat-5(tm420) V. from WB.

Species: Caenorhabditis elegans

Synonyms: fat-5(tm420) V.

Notes: Mutagen:UV/TMP|"Received new stock with confirmed deletion from Jennifer Watts 07/16/2009."|"Supplementary_genotype fat-5(tm420)"|"WBStrain mapped, WBPaper00059578 added based on AFP_Strain data."

Affected Gene: WBGene00001397(fat-5)

Genomic Alteration: WBGene00001397(fat-5)

Catalog Number: WB-STRAIN:WBStrain00004015

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32302543](#), [PMID:36653384](#), [PMID:37541249](#)

Alternate IDs: WB-STRAIN:BX107, CGC_BX107

Organism Name: BX107

Record Creation Time: 20230227T013249+0000

Record Last Update: 20260829T161249+0000

Ratings and Alerts

No rating or validation information has been found for BX107.

No alerts have been found for BX107.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Shaul NC, et al. (2023) Insulin/IGF-dependent Wnt signaling promotes formation of germline tumors and other developmental abnormalities following early-life starvation in *Caenorhabditis elegans*. *Genetics*, 223(2).

Jordan JM, et al. (2023) Early-life starvation alters lipid metabolism in adults to cause developmental pathology in *Caenorhabditis elegans*. *Genetics*, 223(2).

Zhao L, et al. (2022) Insight of Silkworm Pupa Oil Regulating Oxidative Stress and Lipid Metabolism in *Caenorhabditis elegans*. *Foods (Basel, Switzerland)*, 11(24).