

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

LP162

RRID:WB-STRAIN:WBStrain00024208

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00024208

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00024208>

Proper Citation: RRID:WB-STRAIN:WBStrain00024208

Description: Caenorhabditis elegans with name nmy-2(cp13[nmy-2::GFP + LoxP]) I. from WB.

Species: Caenorhabditis elegans

Synonyms: nmy-2(cp13[nmy-2::GFP + LoxP]) I.

Notes: cp13[nmy-2::gfp + LoxP] I. GFP inserted into the endogenous nmy-2 gene by Cas9-triggered homologous recombination. Green fluorescence in many tissues, especially the germline. Fluorescence is similar to, but brighter than, the nmy-2::GFP transgene zuls45. Reference: Dickinson DJ, et al. 2013 Nature Methods Advance Online Publication. DOI: 10.1038/nmeth.2641.|"Generated from papers flagged positive during the last month for data type afp_strain/other_strain."|"Mutagen:Cas9 homologous recombination"|"Supplementary_genotype GFP-NMY-2; cp13[nmy-2:gfp + LoxP] I"|"Supplementary_genotype nmy-2(cp13[nmy-2::gfp + LoxP]) I"

Affected Gene: WBGene00003777(nmy-2)

Genomic Alteration: WBGene00003777(nmy-2)

Catalog Number: WB-STRAIN:WBStrain00024208

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:33309948](#), [PMID:36975724](#), [PMID:37729912](#), [PMID:37995185](#)

Alternate IDs: WB-STRAIN:LP162, CGC_LP162

Organism Name: LP162

Record Creation Time: 20230227T013521+0000

Record Last Update: 20260905T115056+0000

Ratings and Alerts

No rating or validation information has been found for LP162.

No alerts have been found for LP162.

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 [NIF](#) .

Wang S, et al. (2025) Asymmetric partitioning of persistent paternal mitochondria during cell divisions safeguards embryo development and mitochondrial inheritance. Developmental cell, 60(12), 1730.

Ray S, et al. (2023) Actin-capping protein regulates actomyosin contractility to maintain germline architecture in C. elegans. Development (Cambridge, England), 150(6).

Ng K, et al. (2023) Cleavage furrow-directed cortical flows bias PAR polarization pathways to link cell polarity to cell division. Current biology : CB, 33(20), 4298.