

Resource Summary Report

Generated by [kravitz2](#) on Sep 20, 2026

unc-119(ed3) III; mdf-2(lt4::loxP::Cbr-unc-119(+)::loxP) IV/nT1 [qls51] (IV;V).

RRID:WB-STRAIN:WBStrain00048564

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00048564

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00048564>

Proper Citation: RRID:WB-STRAIN:WBStrain00048564

Description: Caenorhabditis elegans with name unc-119(ed3) III; mdf-2(lt4::loxP::Cbr-unc-119(+)::loxP) IV/nT1 [qls51] (IV;V). from WB.

Species: Caenorhabditis elegans

Synonyms: unc-119(ed3) III; mdf-2(lt4::loxP::Cbr-unc-119(+)::loxP) IV/nT1 [qls51] (IV;V).

Notes: CRISPR/Cas9 engineered deletion of mdf-2 in which the mdf-2 coding sequence was replaced by unc-119. Heterozygotes are wild-type GFP+ and segregate mdf-2 null homozygotes (low brood size/embryonic lethal), wild-type GFP+ heterozygotes, and arrested nT1[qls51] aneuploids. Pick wild-type GFP+ and check for correct segregation of progeny to maintain. Unknown if unc-119(ed3) from parental strain is still carried in the background. gRNA sequence: Gccaaattccccagtttttag Reference: Lara-Gonzalez P, et al. Dev Cell. 2019 Nov 4;51(3):313-325.e10. doi: 10.1016/j.devcel.2019.09.005. PMID: 31588029.|"Generated from papers flagged positive during the last month for data type afp_strain/other_strain."

Affected Gene: WBGene00003161(mdf-2)|WBGene00006843(unc-119)

Genomic Alteration: WBGene00003161(mdf-2), WBGene00006843(unc-119)

Catalog Number: WB-STRAIN:WBStrain00048564

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:31588029](#)

Alternate IDs: CGC_OD2174

Organism Name: unc-119(ed3) III; mdf-2(lt4::loxP::Cbr-unc-119(+)::loxP) IV/nT1 [qls51] (IV;V).

Record Creation Time: 20230227T013826+0000

Record Last Update: 20260919T181111+0000

Ratings and Alerts

No rating or validation information has been found for unc-119(ed3) III; mdf-2(lt4::loxP::Cbr-unc-119(+)::loxP) IV/nT1 [qls51] (IV;V)..

No alerts have been found for unc-119(ed3) III; mdf-2(lt4::loxP::Cbr-unc-119(+)::loxP) IV/nT1 [qls51] (IV;V)..

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.