

Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

+/*nT1* [*umnl*s49] IV; *mcm-3*(*ve574*[*LoxP* + *myo-2p*::*GFP*::*unc-54* 3' UTR + *rps-27p*::*neoR*::*unc-54* 3' UTR + *LoxP*)]/*nT1* V.

RRID:WB-STRAIN:WBStrain00047480

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00047480

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00047480>

Proper Citation: RRID:WB-STRAIN:WBStrain00047480

Description: *Caenorhabditis elegans* with name +/*nT1* [*umnl*s49] IV; *mcm-3*(*ve574*[*LoxP* + *myo-2p*::*GFP*::*unc-54* 3' UTR + *rps-27p*::*neoR*::*unc-54* 3' UTR + *LoxP*)]/*nT1* V. from WB.

Species: *Caenorhabditis elegans*

Synonyms: +/*nT1* [*umnl*s49] IV; *mcm-3*(*ve574*[*LoxP* + *myo-2p*::*GFP*::*unc-54* 3' UTR + *rps-27p*::*neoR*::*unc-54* 3' UTR + *LoxP*)]/*nT1* V.

Notes: Made_by: RG KO Group|"*umnl*s49 [*myo-2p*::*mKate2* + *NeoR*, V: 1005689 (intergenic)] IV. Homozygous Ste. Deletion of 2846 bp with Calarco/Colaiacovo selection cassette conferring *myo-2* GFP and G418 resistance inserted at break in parental strain N2. Heterozygotes are wild-type GFP+ *mKate2*+, and segregate wild-type GFP+ *mKate2*+, sterile GFP+ non-*mKate* adults (*ve574* homozygotes), Vul non-GFP *mKate2*+ (*nT1* homozygotes) and dead eggs. Maintain by picking wild-type GFP+ *mKate2*+. Left flanking Sequence: tagtacaataggcaatgtaaaatcaatgtg ; Right flanking sequence: cggggaaaatagaaaaattcggcccaaatt. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."

Affected Gene: *WBGene00003155*(*mcm-3*)|*WBGene00003514*(*myo-2*)|*WBGene00004496*(*rps-27*)|*WBGene00006789*(*unc-54*)

Genomic Alteration: *WBGene00003155*(*mcm-3*), *WBGene00003514*(*myo-2*), *WBGene00004496*(*rps-27*), *WBGene00006789*(*unc-54*)

Catalog Number: WB-STRAIN:WBStrain00047480

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: +/-nT1 [umnIs49] IV; mcm-3(ve574[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/nT1 V.

Record Creation Time: 20230227T013818+0000

Record Last Update: 20260815T163622+0000

Ratings and Alerts

No rating or validation information has been found for +/-nT1 [umnIs49] IV; mcm-3(ve574[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/nT1 V..

No alerts have been found for +/-nT1 [umnIs49] IV; mcm-3(ve574[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/nT1 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.