

Resource Summary Report

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

+/*nT1*[*umnl*s49] IV; C37C3.7(*ve534*[*LoxP* + *myo-2p*::*GFP*::*unc-54* 3' UTR + *rps-27p*::*neoR*::*unc-54* 3' UTR + *LoxP*)]/*nT1* V.

RRID:WB-STRAIN:WBStrain00049327

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00049327

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00049327>

Proper Citation: RRID:WB-STRAIN:WBStrain00049327

Description: *Caenorhabditis elegans* with name +/*nT1*[*umnl*s49] IV; C37C3.7(*ve534*[*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; C37C3.7(*ve534*[*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, Mig. Deletion of 1217 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+, Ste Mig GFP+ non-mKate2 (*ve534* homozygotes), Vul non-GFP mKate2+ (*nT1* homozygotes) and dead eggs. Maintain by picking wild-type GFP+ mKate2+. Left flanking Sequence: GAAGTCGATGCCGTTCTGCAGTATCCTTCA ; Right flanking sequence: TACAATGACAAATCCCTCCAGCATAGATTTC. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."

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

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

Catalog Number: WB-STRAIN:WBStrain00049327

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: +/nT1[umnlIs49] IV; C37C3.7(ve534[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/nT1 V.

Record Creation Time: 20230227T013832+0000

Record Last Update: 20260725T172705+0000

Ratings and Alerts

No rating or validation information has been found for +/nT1[umnlIs49] IV; C37C3.7(ve534[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[umnlIs49] IV; C37C3.7(ve534[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.