

Resource Summary Report

Generated by [dkNET](#) on Aug 27, 2026

+/*nT1* [*umnl*s49] IV; *ncx-2* (*hd7147* [*loxP* + *myo-2p*::*GFP*::*unc-54* 3 UTR + *rps-27p*::*neoR*::*unc-54* 3 UTR + *loxP*)]/*nT1* V

RRID:WB-STRAIN:WBStrain00063323

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00063323

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00063323>

Proper Citation: RRID:WB-STRAIN:WBStrain00063323

Description: *Caenorhabditis elegans* with name +/*nT1* [*umnl*s49] IV; *ncx-2* (*hd7147* [*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; *ncx-2* (*hd7147* [*loxP* + *myo-2p*::*GFP*::*unc-54* 3 UTR + *rps-27p*::*neoR*::*unc-54* 3 UTR + *loxP*)]/*nT1* V

Notes: Made_by: VH KO group|"umnl

s49 [*myo-2p*::*mKate2* + *NeoR*, V: 1005689 (intergenic)] IV. Pick viable fertile GFP⁺ and *mKate2*⁺ animals to maintain.. Heterozygotes are wild-type GFP⁺ *mKate2*⁺, and segregate wild-type GFP⁺ *mKate2*⁺, Vul *mKate2*⁺ (*nT1*) and dead eggs. Derived from parental strains VH7147 and CGC63. *hd7147* is a 7691 bp deletion with Calarco/Colaiacovo selection cassette conferring *myo-2* GFP and G418 resistance inserted at break. Left flanking Sequence: TCTTCAATTCTTCAATTTTCCAATTCTTC; Right flanking sequence: TCTTTTCTGGTCGACAAAGGTGCCTAAATC. sgRNA #1: ATAAAGTGAAGATTGGTGGG; sgRNA #2: AACAGTGTTTTGGGGTGGGG. 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*)|WBGene00003567(*ncx-2*)|WBGene00004496(*rps-27*)|WBGene00006789(*unc-54*)

Genomic Alteration: WBGene00003514(*myo-2*), WBGene00003567(*ncx-2*), WBGene00004496(*rps-27*), WBGene00006789(*unc-54*)

Catalog Number: WB-STRAIN:WBStrain00063323

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: +/-nT1 [umnIs49] IV; ncx-2 (hd7147 [loxP + myo-2p::GFP::unc-54 3 UTR + rps-27p::neoR::unc-54 3 UTR + loxP])/nT1 V

Record Creation Time: 20250827T213357+0000

Record Last Update: 20260815T164105+0000

Ratings and Alerts

No rating or validation information has been found for +/-nT1 [umnIs49] IV; ncx-2 (hd7147 [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; ncx-2 (hd7147 [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.