

Resource Summary Report

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+/nT1 [umnIs49] 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 [umnIs49] 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 [umnIs49] 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|"umnIs49 [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.