

Resource Summary Report

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[trmt-6\(ve739\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\)/hT2 \[umnIs73\] I; unc-36\(e251\)/hT2 \[bli-4\(e937\) let-?\(h661\)\] III.](#)

RRID:WB-STRAIN:WBStrain00051881

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051881>

Proper Citation: RRID:WB-STRAIN:WBStrain00051881

Description: Caenorhabditis elegans with name trmt-6(ve739[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hT2 [umnIs73] I; unc-36(e251)/hT2 [bli-4(e937) let-?(h661)] III. from WB.

Species: Caenorhabditis elegans

Synonyms: trmt-6(ve739[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hT2 [umnIs73] I; unc-36(e251)/hT2 [bli-4(e937) let-?(h661)] III.

Notes: Made_by: RG KO Group| "umnIs73 [myo-2p::mKate2 + NeoR, III: 9421936 (intergenic)] I. ZK858.7. Homozygous lethal. Deletion of 2453 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+, GFP+ non-mKate2 lethals(lethal mid-larval to adult) (ve739 homozygotes), non-GFP mKate2+ arrested animals (arrest stage unknown)(hT2 homozygotes) and dead eggs (aneuploids). Pick wild-type GFP+ mKate2+ and check for correct segregation of progeny to maintain. [NOTE: Apparently the lethal mutation in hT2 is closely linked but not within the balanced region of hT2. It can occasionally recombine away so that the strain will segregate Bli-4 hT2 homozygotes. (Mark Edgley)] Left flanking Sequence: catattattaaatttaagtgtaaaagatt ; Right flanking sequence: aggcaacagagaacgaacgataaagtagtc. sgRNA #1: gaggaaatatgcaatttact; sgRNA #2: atcgacgagacggctacgaa. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."

Affected Gene: WBGene00000254(bli-4)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006772(unc-36)|WBGene00006789(unc-54)|WBGene00014120(trmt-6)

Genomic Alteration: WBGene00000254(bli-4), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006772(unc-36), WBGene00006789(unc-54), WBGene00014120(trmt-6)

Catalog Number: WB-STRAIN:WBStrain00051881

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: trmt-6(ve739[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hT2 [umnIs73] I; unc-36(e251)/hT2 [bli-4(e937) let-?(h661)] III.

Record Creation Time: 20230227T013850+0000

Record Last Update: 20260815T163751+0000

Ratings and Alerts

No rating or validation information has been found for trmt-6(ve739[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hT2 [umnIs73] I; unc-36(e251)/hT2 [bli-4(e937) let-?(h661)] III..

No alerts have been found for trmt-6(ve739[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hT2 [umnIs73] I; unc-36(e251)/hT2 [bli-4(e937) let-?(h661)] III..

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Oh KH, et al. (2023) Active Zone Trafficking of CaV2/UNC-2 Channels Is Independent of ?/CCB-1 and ??/UNC-36 Subunits. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(28), 5142.