

Resource Summary Report

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[mdt-22\(ve747\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\)/mnC1 \[dpy-10\(e128\) unc-52\(e444\) umnIs37\] II.](#)

RRID:WB-STRAIN:WBStrain00051889

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051889>

Proper Citation: RRID:WB-STRAIN:WBStrain00051889

Description: Caenorhabditis elegans with name mdt-22(ve747[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/mnC1 [dpy-10(e128) unc-52(e444) umnIs37] II. from WB.

Species: Caenorhabditis elegans

Synonyms: mdt-22(ve747[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/mnC1 [dpy-10(e128) unc-52(e444) umnIs37] II.

Notes: Made_by: RG KO Group|"umnIs37 [myo-2p::mKate2 + NeoR, II: 11755713 (intergenic)] II. Homozygous larval arrest. Deletion of 556 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+ heterozygotes, GFP+ non-mKate2 arrested larvae (ve747 homozygotes) and paralysed DpyUnc non-GFP mKate2+ (mnC1 homozygotes). Maintain by picking wild-type GFP+ mKate2+. Left flanking Sequence: ttatttttgtttacaactatttaactta ; Right flanking sequence: CGGAAGTGAGCAATATTCTATTTCGATCTGG. sgRNA #1: tttaaaATGTCTGGAGTAGC; sgRNA #2: TCAGCACAACGTCTCGATT. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."

Affected Gene: WBGene00001072(dpy-10)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006787(unc-52)|WBGene00006789(unc-54)|WBGene00007022(mdt-22)

Genomic Alteration: WBGene00001072(dpy-10), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006787(unc-52), WBGene00006789(unc-54),

WBGene00007022(mdt-22)

Catalog Number: WB-STRAIN:WBStrain00051889

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: mdt-22(ve747[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/mnC1 [dpy-10(e128) unc-52(e444) umn1s37] II..

Record Creation Time: 20230227T013850+0000

Record Last Update: 20260829T162745+0000

Ratings and Alerts

No rating or validation information has been found for mdt-22(ve747[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/mnC1 [dpy-10(e128) unc-52(e444) umn1s37] II..

No alerts have been found for mdt-22(ve747[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/mnC1 [dpy-10(e128) unc-52(e444) umn1s37] II..

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.