

Resource Summary Report

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F53A3.7(ve621[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/sC1(s2023) [dpy-1(s2170) umnIs41] II.

RRID:WB-STRAIN:WBStrain00049360

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00049360

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00049360>

Proper Citation: RRID:WB-STRAIN:WBStrain00049360

Description: Caenorhabditis elegans with name F53A3.7(ve621[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/sC1(s2023) [dpy-1(s2170) umnIs41] II. from WB.

Species: Caenorhabditis elegans

Synonyms: F53A3.7(ve621[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/sC1(s2023) [dpy-1(s2170) umnIs41] II.

Notes: Made_by: RG KO Group|"umnIs41 [myo-2p::mKate2 + NeoR, III: 518034 (intergenic)] III. Homozygous Sterile. Deletion of 465 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 sterile adults (ve621 homozygotes), Dpy non-GFP mKate2+ (sC1 homozygotes). Maintain by picking wild-type GFP+ mKate2+. Left flanking Sequence: agggtttctaaatatcttttaaacccttg ; Right flanking sequence: AACGTCGTGACACGATAAAGAACGAGAATG. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."

Affected Gene: WBGene00001063(dpy-1)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)

Genomic Alteration: WBGene00001063(dpy-1), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00049360

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: F53A3.7(ve621[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/sC1(s2023) [dpy-1(s2170) umnIs41] II..

Record Creation Time: 20230227T013832+0000

Record Last Update: 20260725T172705+0000

Ratings and Alerts

No rating or validation information has been found for F53A3.7(ve621[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/sC1(s2023) [dpy-1(s2170) umnIs41] II..

No alerts have been found for F53A3.7(ve621[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/sC1(s2023) [dpy-1(s2170) umnIs41] 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.