

Resource Summary Report

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mrpl-41(ve557[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/+ II.

RRID:WB-STRAIN:WBStrain00047463

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00047463

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00047463>

Proper Citation: RRID:WB-STRAIN:WBStrain00047463

Description: Caenorhabditis elegans with name mrpl-41(ve557[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/+ II. from WB.

Species: Caenorhabditis elegans

Synonyms: mrpl-41(ve557[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/+ II.

Notes: Homozygous lethal; arrests at late larval stage; some escapers make sterile adults. Deletion of 1032 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break. Pick GFP+ to maintain. Left flanking Sequence: ACTGGTGCTCGTAAGCACTCGTGGAGTCCG ; Right flanking sequence: TGTTCAAATCGAAAAGCGACGAGTTGCGTA. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."|"Made_by: RG KO Group"|"Unbalanced heterozygote. Homozygous lethal, arrests at late larval stage with a few escapers that become sterile adults. Pick viable fertile GFP+ animals to maintain. Deletion of 1032 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain PD1074. Left flanking Sequence: ACTGGTGCTCGTAAGCACTCGTGGAGTCCG ; Right flanking sequence: TGTTCAAATCGAAAAGCGACGAGTTGCGTA. 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)|WBGene00004496(rps-27)|WBGene00006789(unc-54)|WBGene00015185(mrpl-41)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00015185(mrpl-41)

Catalog Number: WB-STRAIN:WBStrain00047463

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: mrpl-41(ve557[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/+ II.

Record Creation Time: 20230227T013818+0000

Record Last Update: 20260725T172637+0000

Ratings and Alerts

No rating or validation information has been found for mrpl-41(ve557[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/+ II..

No alerts have been found for mrpl-41(ve557[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/+ 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.