

Resource Summary Report

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[lonp-2\(ve944\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\) III.](#)

RRID:WB-STRAIN:WBStrain00063044

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00063044

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00063044>

Proper Citation: RRID:WB-STRAIN:WBStrain00063044

Description: Caenorhabditis elegans with name lonp-2(ve944[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) III. from WB.

Species: Caenorhabditis elegans

Synonyms: lonp-2(ve944[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) III.

Notes: Homozygous viable. Deletion of 5206 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Left flanking Sequence: TTAAGTCCAGGCGCAAGCCTTAAATACCT ; Right flanking sequence: TGGGCCATCTGCTGGAACAGGATTAGCGTG. lonp-2 sgRNA A: CACTTTAATTTGACCTGAT; lonp-2 sgRNA B: TCTTTATTACCGCACCTGC. 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"

Affected Gene: WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)|WBGene00013541(lonp-2)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00013541(lonp-2)

Catalog Number: WB-STRAIN:WBStrain00063044

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: lonp-2(ve944[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) III.

Record Creation Time: 20250827T213352+0000

Record Last Update: 20260815T164100+0000

Ratings and Alerts

No rating or validation information has been found for lonp-2(ve944[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) III..

No alerts have been found for lonp-2(ve944[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) III..

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.