

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

Y42A5A.5(ve990[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) V.

RRID:WB-STRAIN:WBStrain00063080

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00063080

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00063080>

Proper Citation: RRID:WB-STRAIN:WBStrain00063080

Description: Caenorhabditis elegans with name Y42A5A.5(ve990[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) V. from WB.

Species: Caenorhabditis elegans

Synonyms: Y42A5A.5(ve990[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) V.

Notes: Homozygous viable. Deletion of 2367 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Left flanking Sequence: gcgaatttgtaaatttggaagagcatga ; Right flanking sequence: cggtttttaaataactatgaaatgtagt. Y42A5A.5 crRNA A: atcaatatgccggagatcgt; Y42A5A.5 crRNA B: GAGTAGGcacaggtgttctg. 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)

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

Catalog Number: WB-STRAIN:WBStrain00063080

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: Y42A5A.5(ve990[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) V.

Record Creation Time: 20250827T213353+0000

Record Last Update: 20260829T163113+0000

Ratings and Alerts

No rating or validation information has been found for Y42A5A.5(ve990[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) V..

No alerts have been found for Y42A5A.5(ve990[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) V..

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.