Resource Summary Report

Generated by dkNET on Aug 30, 2026

prx-2(ve916[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/nT1 [umnIs49] IV; +/nT1 V.

RRID:WB-STRAIN:WBStrain00063017
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00063017

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00063017

Proper Citation: RRID:WB-STRAIN:WBStrain00063017

Description: Caenorhabditis elegans with name prx-2(ve916[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/nT1 [umnIs49] IV; +/nT1 V. from WB.

Species: Caenorhabditis elegans

Synonyms: prx-2(ve916[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/nT1 [umnIs49] IV; +/nT1 V.

Notes: Made_by: RG KO Group|"umnIs49 [myo-2p::mKate2 + NeoR, V: 1005689 (intergenic)] IV. Maintain by picking wild-type GFP+ mKate2+. ve916 homozygotes are thin, slow-growing, lay small, slow-growing broods. Heterozygotes are wild-type GFP+ mKate2+, and segregate wild-type GFP+ mKate2+, GFP+ non-mKate2 thin slow growing hermaphrodites that can be maintained as a homozygous slow growing population (ve916 homozygotes), Vul non-GFP mKate2+ (nT1 homozygotes) and dead eggs (aneuploids). Deletion of 1288 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Left flanking Sequence: TCTTCCCAATAATACACTACACTGTACCCT; Right flanking sequence: TGGTCATTCTACAATAACTGAAAGCATTTT. prx-2 sgRNA A: AGGAATAGTGATAGTGGGGG; prx-2 sgRNA B: CTCTATTTCCTTCGATCAGG. 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)|WBGene00004192(prx-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004192(prx-2), WBGene00004496(rps-27), WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00063017

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: prx-2(ve916[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/nT1 [umnIs49] IV; +/nT1 V.

Record Creation Time: 20250827T213352+0000

Record Last Update: 20260829T163112+0000

Ratings and Alerts

No rating or validation information has been found for prx-2(ve916[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/nT1 [umnIs49] IV; +/nT1 V..

No alerts have been found for prx-2(ve916[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/nT1 [umnIs49] IV; +/nT1 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.