

Resource Summary Report

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[eif-2Bbeta\(ve975\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\)/hln1 \[umnIs78\] I.](#)

RRID:WB-STRAIN:WBStrain00063069

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00063069

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00063069>

Proper Citation: RRID:WB-STRAIN:WBStrain00063069

Description: Caenorhabditis elegans with name eif-2Bbeta(ve975[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hln1 [umnIs78] I. from WB.

Species: Caenorhabditis elegans

Synonyms: eif-2Bbeta(ve975[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hln1 [umnIs78] I.

Notes: Made_by: RG KO Group|"umnIs78 [myo-2p::mKate2 + NeoR, I: 12541645 (intergenic)] I. Larval arrest. Deletion of 1777 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 arrested larvae (ve975 homozygotes), and viable non-GFP mKate2+ animals (hln1[umnIs78] homozygotes). Maintain by picking wild-type GFP+mKate2+. Left flanking Sequence: acgaaaaaagacccagaaaaaatggagaaa; Right flanking sequence: ATATTAATAATAATGAGCTCCGATCGCTCG. eif-2Bbeta crRNA A: aaCGGGGGGTACAAGTTATG; eif-2Bbeta crRNA B: CGGCTTAATGATCACGAAAT. 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)

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

Catalog Number: WB-STRAIN:WBStrain00063069

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: eif-2Bbeta(ve975[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hln1 [umnIs78] I.

Record Creation Time: 20250827T213353+0000

Record Last Update: 20260829T163113+0000

Ratings and Alerts

No rating or validation information has been found for eif-2Bbeta(ve975[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hln1 [umnIs78] I..

No alerts have been found for eif-2Bbeta(ve975[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hln1 [umnIs78] I..

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.