

Resource Summary Report

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[sec-11\(ve723\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\)/hT1\[umnl58\] I;+/hT1\[unc-42\(e270\)\] V.](#)

RRID:WB-STRAIN:WBStrain00049462

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00049462

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00049462>

Proper Citation: RRID:WB-STRAIN:WBStrain00049462

Description: Caenorhabditis elegans with name sec-11(ve723[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hT1[umnl58] I;+/hT1[unc-42(e270)] V. from WB.

Species: Caenorhabditis elegans

Synonyms: sec-11(ve723[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hT1[umnl58] I;+/hT1[unc-42(e270)] V.

Notes: Made_by: RG KO Group|"umnl58 [myo-2p::mKate2 + NeoR, V: 1005689 (intergenic)] V. Homozygotes are sick, Egl. Deletion of 2571 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 sick, Egl adults (ve723 homozygotes), non-GFP mKate2+ arrested larvae (hT1 homozygotes), and dead eggs (aneuploids). Maintain by picking wild-type GFP+ and mKate2+. Left flanking Sequence: AGTTTTCCTTATGCAACAGGACGAAGAGAC ; Right flanking sequence: GAAGGAACTTCATctgaaatgggattatgc. sgRNA #1: GCAACAGGACGAAGAGACCG; sgRNA #2: TGAACATCGCAACATCGGGA. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."|"umnl58 [myo-2p::mKate2 + NeoR, V: 1005689 (intergenic)] V. Homozygous larval lethal. Deletion of 2571 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 dead larvae (ve723 homozygotes), non-GFP mKate2+ arrested larvae (hT1 homozygotes), and dead eggs

(aneuploids). Maintain by picking wild-type GFP+ and mKate2+. Left flanking Sequence: AGTTTTCCTTATGCAACAGGACGAAGAGAC ; Right flanking sequence: GAAGGAACTTCATctgaaatgggattatgc. sgRNA #1: GCAACAGGACGAAGAGACCG; sgRNA #2: TGAACATCGCAACATCGGGA. 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)|WBGene00006778(unc-42)|WBGene00006789(unc-54)|WBGene00021844(sec-11)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006778(unc-42), WBGene00006789(unc-54), WBGene00021844(sec-11)

Catalog Number: WB-STRAIN:WBStrain00049462

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: sec-11(ve723[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hT1[umnl58] I;+/hT1[unc-42(e270)] V.

Record Creation Time: 20230227T013833+0000

Record Last Update: 20260725T172707+0000

Ratings and Alerts

No rating or validation information has been found for sec-11(ve723[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hT1[umnl58] I;+/hT1[unc-42(e270)] V..

No alerts have been found for sec-11(ve723[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/hT1[umnl58] I;+/hT1[unc-42(e270)] 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.