

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

[syp-5\(ve722\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\) I.](#)

RRID:WB-STRAIN:WBStrain00049461

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00049461

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00049461>

Proper Citation: RRID:WB-STRAIN:WBStrain00049461

Description: Caenorhabditis elegans with name syp-5(ve722[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) I. from WB.

Species: Caenorhabditis elegans

Synonyms: syp-5(ve722[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) I.

Notes: Him. Deletion of 5035 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Left flanking Sequence: actaacATCGTCACTATCATCACTTTTCCT ; Right flanking sequence: TGGGACATttattgactgaaataatttta. sgRNA #1: GAGCCAAATCAAAGGATGAC; sgRNA #2: CCTCCAAATTCAGCAGTAAT. 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)|WBGene00021832(syp-5)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00021832(syp-5)

Catalog Number: WB-STRAIN:WBStrain00049461

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: syp-5(ve722[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) I.

Record Creation Time: 20230227T013833+0000

Record Last Update: 20260725T172707+0000

Ratings and Alerts

No rating or validation information has been found for syp-5(ve722[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) I..

No alerts have been found for syp-5(ve722[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) 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.