

Resource Summary Report

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[rpoa-49\(ve669\[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP\]\)/sqt-2\(sc3\) II.](#)

RRID:WB-STRAIN:WBStrain00049408

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00049408

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00049408>

Proper Citation: RRID:WB-STRAIN:WBStrain00049408

Description: Caenorhabditis elegans with name rpoa-49(ve669[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/sqt-2(sc3) II. from WB.

Species: Caenorhabditis elegans

Synonyms: rpoa-49(ve669[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/sqt-2(sc3) II.

Notes: Homozygous larval arrest. Deletion of 1099 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Heterozygous adults are Rol GFP+, and segregate Rol GFP+ adults, non-Rol GFP+ arrested larvae (ve669 homozygotes) and non-Rol non-GFP adults (sc3 homozygotes). Left flanking Sequence: ATTGGAGCAGAGAAATGGGCTGAGAAACGT; Right flanking sequence: atattttactatttttcttaaattcttt. sgRNA #3: GTTCGAATTCGAAGCGAACG; sgRNA #4: CGGAGGTTTCAAGAGAATCG. 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)|WBGene00005017(sqt-2)|WBGene00006789(unc-54)|WBGene00017749(rpoa-49)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00005017(sqt-2), WBGene00006789(unc-54), WBGene00017749(rpoa-49)

Catalog Number: WB-STRAIN:WBStrain00049408

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: rpoa-49(ve669[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/sqt-2(sc3) II.

Record Creation Time: 20230227T013832+0000

Record Last Update: 20260815T163658+0000

Ratings and Alerts

No rating or validation information has been found for rpoa-49(ve669[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/sqt-2(sc3) II..

No alerts have been found for rpoa-49(ve669[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP])/sqt-2(sc3) II..

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.