

# Resource Summary Report

Generated by [ASWG](#) on Aug 15, 2026

## RG3022

RRID:WB-STRAIN:WBStrain00033349

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00033349

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00033349>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00033349

**Description:** Caenorhabditis elegans with name sra-21(ve522[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) II. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** sra-21(ve522[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) II.

**Notes:** Homozygous viable. Deletion of 1748 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break in parental strain N2. Left flanking Sequence: tagagcagaaaccacacatctgctcacaga ; Right flanking sequence: tctggactgttattgaaagtttacgggtg. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."|"Homozygous viable. Deletion of 1748 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break. Left flanking Sequence: tagagcagaaaccacacatctgctcacaga ; Right flanking sequence: tctggactgttattgaaagtttacgggtg. 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"|"Superficially wild-type. CRISPR/Cas9 deletion of sra-21. Insertion site verified by PCR. myo-2p::GFP + NeoR cassette is still present but may be excised using LoxP sites. Left flanking sequence: tagagcagaaaccacacatctgctcacaga Right flanking sequence: tctggactgttattgaaagtttacgggtg"

**Affected Gene:** WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00005047(sra-21)|WBGene00006789(unc-54)

**Genomic Alteration:** WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00005047(sra-21), WBGene00006789(unc-54)

**Catalog Number:** WB-STRAIN:WBStrain00033349

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Alternate IDs:** WB-STRAIN:RG3022, CGC\_RG3022

**Organism Name:** RG3022

**Record Creation Time:** 20230227T013630+0000

**Record Last Update:** 20260808T171432+0000

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## Ratings and Alerts

No rating or validation information has been found for RG3022.

No alerts have been found for RG3022.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.