

Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

qns-1(gk5611[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/tmC5 IV.

RRID:WB-STRAIN:WBStrain00051003

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051003

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051003>

Proper Citation: RRID:WB-STRAIN:WBStrain00051003

Description: Caenorhabditis elegans with name qns-1(gk5611[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/tmC5 IV. from WB.

Species: Caenorhabditis elegans

Synonyms: qns-1(gk5611[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/tmC5 IV.

Notes: Apparent homozygous lethal or sterile deletion balanced by tmC5. Heterozygotes are wild-type GFP+, and segregate wild-type GFP+, sterile GFP+ gk5611 homozygotes and non-GFP Mec Unc animals (tmC5 homozygotes). Maintain by picking fertile wild-type GFP+ and checking for proper segregation of progeny. Derived from parental strains VC4540 and FX19666. Left flanking sequence: GATAACTGAAATCTGGATAGAGGAATGGTC. Right flanking sequence: CCCAATTGTTGACTGTACATGTGGCAACGC. 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)|WBGene00007698(qns-1)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00007698(qns-1)

Catalog Number: WB-STRAIN:WBStrain00051003

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: qns-1(gk5611[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/tmC5 IV.

Record Creation Time: 20230227T013844+0000

Record Last Update: 20260815T163732+0000

Ratings and Alerts

No rating or validation information has been found for qns-1(gk5611[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/tmC5 IV..

No alerts have been found for qns-1(gk5611[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/tmC5 IV..

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.