

Resource Summary Report

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[vars-1\(gk5828\[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP\]\)/ \]\)/ nT1 V; +/- nT1 \[umnIs49\] IV](#)

RRID:WB-STRAIN:WBStrain00055528

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055528

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055528>

Proper Citation: RRID:WB-STRAIN:WBStrain00055528

Description: Caenorhabditis elegans with name vars-1(gk5828[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/])/ nT1 V; +/- nT1 [umnIs49] IV from WB.

Species: Caenorhabditis elegans

Synonyms: vars-1(gk5828[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/])/ nT1 V; +/- nT1 [umnIs49] IV

Notes: Made_by: Morgan Zaic|"umnIs49 [myo-2p::mKate2 + NeoR, V: 1005689 (intergenic)] IV. Pick viable fertile GFP+ and mKate2+ animals to maintain. Apparent homozygous lethal or sterile deletion balanced over nT1. Heterozygotes are wild-type GFP+ mKate2+, and segregate wild-type GFP+ mKate2+, GFP+ non-mKate2 (gk5828 homozygotes), Vul mKate2+ (nT1) and dead eggs. Derived from parental strains VC4760 and CGC63. gk5828 is a 3391 bp deletion with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break. Left flanking sequence: CGTTTGACAAAAAATATTTTAAATCTTC; Right flanking sequence: AGGAACAGTTTCAAGCAAGAATTGCATCGT. 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)|WBGene00006935(vars-1)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00006935(vars-1)

Catalog Number: WB-STRAIN:WBStrain00055528

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: vars-1(gk5828[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/])/ nT1 V; +/- nT1 [umnIs49] IV

Record Creation Time: 20240716T202611+0000

Record Last Update: 20260815T163846+0000

Ratings and Alerts

No rating or validation information has been found for vars-1(gk5828[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/])/ nT1 V; +/- nT1 [umnIs49] IV.

No alerts have been found for vars-1(gk5828[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/])/ nT1 V; +/- nT1 [umnIs49] 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.