

Resource Summary Report

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VC4163

RRID:WB-STRAIN:WBStrain00037939

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037939

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037939>

Proper Citation: RRID:WB-STRAIN:WBStrain00037939

Description: Caenorhabditis elegans with name Y53F4B.12(gk5249[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) II. from WB.

Species: Caenorhabditis elegans

Synonyms: Y53F4B.12(gk5249[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) II.

Notes: Homozygous viable. Deletion of 3837 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break. Left flanking sequence: GCTCTTCATTATTCTACCCTTCTCACTAAC ; Right flanking sequence: GGTCTACCTTCAACACTACTACCCGGAACA. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation. [NOTE: The correct genotype of this strain is Y53F4B.12(gk5249). The strain was incorrectly identified as Y53F4B.13 when this strain was sent to the CGC.]]"Made_by: Vancouver KO Group"

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

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

Catalog Number: WB-STRAIN:WBStrain00037939

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC4163, CGC_VC4163

Organism Name: VC4163

Record Creation Time: 20230227T013705+0000

Record Last Update: 20260829T162334+0000

Ratings and Alerts

No rating or validation information has been found for VC4163.

No alerts have been found for VC4163.

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.