

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

VC4143

RRID:WB-STRAIN:WBStrain00037933

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037933

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037933>

Proper Citation: RRID:WB-STRAIN:WBStrain00037933

Description: Caenorhabditis elegans with name ptr-21(gk5226[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) I. from WB.

Species: Caenorhabditis elegans

Synonyms: ptr-21(gk5226[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) I.

Notes: Homozygous viable. Deletion of 3539 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break. Left flanking sequence: TGCATCGGATCAAGTATTTGGAAGAAGCAC ; Right flanking sequence: CTCAGTTGGCCTAGCGACCGCTTCGATTTT. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation.|"Made_by: Vancouver KO Group"

Affected Gene: WBGene00003514(myo-2)|WBGene00004235(ptr-21)|WBGene00004496(rps-27)|WBGene00006789(unc-54)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004235(ptr-21), WBGene00004496(rps-27), WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00037933

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC4143, CGC_VC4143

Organism Name: VC4143

Record Creation Time: 20230227T013705+0000

Record Last Update: 20260829T162334+0000

Ratings and Alerts

No rating or validation information has been found for VC4143.

No alerts have been found for VC4143.

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.