

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

mdt-21(gk5940[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ III.

RRID:WB-STRAIN:WBStrain00052123

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00052123

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00052123>

Proper Citation: RRID:WB-STRAIN:WBStrain00052123

Description: Caenorhabditis elegans with name mdt-21(gk5940[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ III. from WB.

Species: Caenorhabditis elegans

Synonyms: mdt-21(gk5940[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ III.

Notes: Apparent homozygous lethal or sterile deletion as unbalanced heterozygote. Deletion of 1157 bp with Calarco/Colaiacovo selection cassette conferring myo-2::GFP and G418 resistance inserted at break. Pick viable fertile GFP+ animals to maintain. Please refer to supporting documents linked to the strain name in the CGC Strain Information display. Left flanking sequence: GCGATTGGAGTGCTCCAGGCGACTGCTCCG. Right flanking sequence: CGGGCAACCAGGAAGCGGAAGTCGAGGAGA. 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)|WBGene00004496(rps-27)|WBGene00006789(unc-54)|WBGene00007704(mdt-21)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00007704(mdt-21)

Catalog Number: WB-STRAIN:WBStrain00052123

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: mdt-21(gk5940[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ III.

Record Creation Time: 20230227T013852+0000

Record Last Update: 20260725T172740+0000

Ratings and Alerts

No rating or validation information has been found for mdt-21(gk5940[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ III..

No alerts have been found for mdt-21(gk5940[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ III..

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.