

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

[unc-116\(gk5722\[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP\]\)/+ III.](#)

RRID:WB-STRAIN:WBStrain00051328

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051328

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051328>

Proper Citation: RRID:WB-STRAIN:WBStrain00051328

Description: *Caenorhabditis elegans* with name [unc-116\(gk5722\[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP\]\)/+ III.](#) from WB.

Species: *Caenorhabditis elegans*

Synonyms: [unc-116\(gk5722\[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP\]\)/+ III.](#)

Notes: Made_by: Vancouver KO Group|[NOTE: Please see RG5041 for balanced version of this strain.] Apparent homozygous lethal or sterile deletion as unbalanced heterozygote. Deletion of 2264 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break. Pick viable fertile GFP+ animals to maintain. Left flanking sequence: TCTTTGAAATGACGGATTTTGGACCACAT. Right flanking sequence: CCCGGCTTCTCCTTACAATGCCTGCAATAA. 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\(unc-54\)](#)|[WBGene00006840\(unc-116\)](#)

Genomic Alteration: [WBGene00003514\(myo-2\)](#), [WBGene00004496\(rps-27\)](#), [WBGene00006789\(unc-54\)](#), [WBGene00006840\(unc-116\)](#)

Catalog Number: WB-STRAIN:WBStrain00051328

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: unc-116(gk5722[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ III.

Record Creation Time: 20230227T013846+0000

Record Last Update: 20260829T162735+0000

Ratings and Alerts

No rating or validation information has been found for unc-116(gk5722[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ III..

No alerts have been found for unc-116(gk5722[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.