

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

[nifk-1\(gk5029\[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP\]\)/qC1\[dpy-19\(e1259\) glp-1\(q339\)\] III.](#)

RRID:WB-STRAIN:WBStrain00047598

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00047598

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00047598>

Proper Citation: RRID:WB-STRAIN:WBStrain00047598

Description: Caenorhabditis elegans with name nifk-1(gk5029[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/qC1[dpy-19(e1259) glp-1(q339)] III. from WB.

Species: Caenorhabditis elegans

Synonyms: nifk-1(gk5029[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/qC1[dpy-19(e1259) glp-1(q339)] III.

Notes: Homozygous lethal or sterile deletion balanced by qC1. Deletion of 984 bp with Calarco/Colaiacovo selection cassette conferring myo-2::GFP and G418 resistance inserted at break. Pick viable fertile GFP+ animals to maintain; homozygous qC1 is non-GFP sterile TS Dpy. Left flanking sequence: CAGATCTCAGACACAATGGTTGCCCAGAAT; Right flanking sequence: CCCGTCCAGCTGCTGTCGAAAAGAAAACAT. 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: WBGene00001078(dpy-19)|WBGene00001609(glp-1)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)|WBGene00011408(nifk-1)

Genomic Alteration: WBGene00001078(dpy-19), WBGene00001609(glp-1), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00011408(nifk-1)

Catalog Number: WB-STRAIN:WBStrain00047598

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: nifk-1(gk5029[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/qC1[dpy-19(e1259) glp-1(q339)] III.

Record Creation Time: 20230227T013819+0000

Record Last Update: 20260725T172639+0000

Ratings and Alerts

No rating or validation information has been found for nifk-1(gk5029[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/qC1[dpy-19(e1259) glp-1(q339)] III..

No alerts have been found for nifk-1(gk5029[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/qC1[dpy-19(e1259) glp-1(q339)] 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.