

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

[pafo-1\(gk5551\[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP\]\)/+ V.](#)

RRID:WB-STRAIN:WBStrain00051176

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051176

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051176>

Proper Citation: RRID:WB-STRAIN:WBStrain00051176

Description: Caenorhabditis elegans with name pafo-1(gk5551[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ V. from WB.

Species: Caenorhabditis elegans

Synonyms: pafo-1(gk5551[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ V.

Notes: Apparent homozygous lethal or sterile deletion as unbalanced heterozygote. Deletion of 2543 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: CAAAAAATACTTTTTGAACACCCGCGCAAA. Right flanking sequence: TTCACAGATCCTCATCATTATCATGATATT. 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)|WBGene00008338(pafo-1)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00008338(pafo-1)

Catalog Number: WB-STRAIN:WBStrain00051176

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Source References: [PMID:37506907](#)

Organism Name: pafo-1(gk5551[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ V.

Record Creation Time: 20230227T013845+0000

Record Last Update: 20260801T172332+0000

Ratings and Alerts

No rating or validation information has been found for pafo-1(gk5551[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ V..

No alerts have been found for pafo-1(gk5551[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ V..

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.