

# Resource Summary Report

Generated by [ASWG](#) on Aug 9, 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:** 20260808T171835+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.