

Resource Summary Report

Generated by [ASWG](#) on Aug 10, 2026

[pad-1\(gk5820\[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP\]\)/+ I.](#)

RRID:WB-STRAIN:WBStrain00051418

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051418>

Proper Citation: RRID:WB-STRAIN:WBStrain00051418

Description: Caenorhabditis elegans with name pad-1(gk5820[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ I. from WB.

Species: Caenorhabditis elegans

Synonyms: pad-1(gk5820[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ I.

Notes: Apparent homozygous lethal or sterile deletion as unbalanced heterozygote. Deletion of 24013 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: TTTTCACGCTCTTTCCCCCATTTTCCCA. Right flanking sequence: GGGTAGGCAACATTTTATTTCCAACCTTTT. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation. [NOTE: Maintain this strain with care! Non-GFP animals can quickly overtake a population. GFP expression is mottled: the pharynx can look sort of sectorized, with bright portions and dim or non-GFP portions, and some GFP animals will throw only non-GFP progeny.]"Made_by: Vancouver KO Group"

Affected Gene: WBGene00003514(myo-2)|WBGene00003905(pad-1)|WBGene00004496(rps-27)|WBGene00006789(unc-54)

Genomic Alteration: WBGene00003514(myo-2), WBGene00003905(pad-1), WBGene00004496(rps-27), WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00051418

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: pad-1(gk5820[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ I.

Record Creation Time: 20230227T013847+0000

Record Last Update: 20260808T171841+0000

Ratings and Alerts

No rating or validation information has been found for pad-1(gk5820[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ I..

No alerts have been found for pad-1(gk5820[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ I..

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.