

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

[pry-1\(gk3681\[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP\]\) I; F56E10.1\(gk3701\) V.](#)

RRID:WB-STRAIN:WBStrain00047536

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00047536

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00047536>

Proper Citation: RRID:WB-STRAIN:WBStrain00047536

Description: Caenorhabditis elegans with name pry-1(gk3681[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) I; F56E10.1(gk3701) V. from WB.

Species: Caenorhabditis elegans

Synonyms: pry-1(gk3681[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) I; F56E10.1(gk3701) V.

Notes: Homozygous viable. Deletion of 720 bp with Calarco/Colaiacovo selection cassette conferring myo-2::GFP and G418 resistance inserted at break. Left flanking sequence: TAGGGGCCCTCCCGGTAGCCGGTCGAGCG; Right flanking sequence: GGATTTTCTGCGAAATTTGGATTAGCTT. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation.|"Homozygous viable. Primary deletion of 720 bp in pry-1 with Calarco/Colaiacovo selection cassette conferring myo-2::GFP and G418 resistance inserted at break. Left flanking sequence: TAGGGGCCCTCCCGGTAGCCGGTCGAGCG; Right flanking sequence: GGATTTTCTGCGAAATTTGGATTAGCTT. Strain carries secondary 5-bp deletion in F56E10.1, with flanking sequences GCGCCGGCGGTGAAGAGGATGAGGACAAT and GGATTCAGAAGAAGAAGATGAAGAAGACTC. 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)|WBGene00004202(pry-1)|WBGene00004496(rps-27)|WBGene00006789(unc-54)|WBGene00018975(picd-1)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004202(pry-1), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00018975(picd-1)

Catalog Number: WB-STRAIN:WBStrain00047536

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: pry-1(gk3681[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) I; F56E10.1(gk3701) V.

Record Creation Time: 20230227T013818+0000

Record Last Update: 20260815T163623+0000

Ratings and Alerts

No rating or validation information has been found for pry-1(gk3681[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) I; F56E10.1(gk3701) V..

No alerts have been found for pry-1(gk3681[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) I; F56E10.1(gk3701) 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.