

Resource Summary Report

Generated by [ASWG](#) on Aug 13, 2026

RG3041

RRID:WB-STRAIN:WBStrain00033366

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00033366

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00033366>

Proper Citation: RRID:WB-STRAIN:WBStrain00033366

Description: Caenorhabditis elegans with name K06A9.3(ve541[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) X. from WB.

Species: Caenorhabditis elegans

Synonyms: K06A9.3(ve541[LoxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + LoxP]) X.

Notes: Homozygous viable. Deletion of 469 bp with Calarco/Colaiacovo selection cassette conferring myo-2 GFP and G418 resistance inserted at break. Left flanking Sequence: tgtcagaatcacaaaaaattatgtttttt ; Right flanking sequence: GGAGGGGCACATAGAAATCAATCATGCGCGT. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation.["Made_by: RG KO Group"] "Superficially wild-type. CRISPR/Cas9 deletion of K06A9.3. Insertion site verified by PCR. myo-2p::GFP + NeoR cassette is still present but may be excised using LoxP sites. Left flanking sequence: gaatcacaaaaaattatgtttttt Right flanking sequence: GGAGGGGCACATAGAAATCAATCATG"

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

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

Catalog Number: WB-STRAIN:WBStrain00033366

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:RG3041, CGC_RG3041

Organism Name: RG3041

Record Creation Time: 20230227T013630+0000

Record Last Update: 20260808T171432+0000

Ratings and Alerts

No rating or validation information has been found for RG3041.

No alerts have been found for RG3041.

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.