

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

RG3036

RRID:WB-STRAIN:WBStrain00033362

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00033362

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00033362>

Proper Citation: RRID:WB-STRAIN:WBStrain00033362

Description: *Caenorhabditis elegans* with name *irg-7*(*ve536*[*LoxP* + *myo-2p*::*GFP*::*unc-54* 3' UTR + *rps-27p*::*neoR*::*unc-54* 3' UTR + *LoxP*]) X. from WB.

Species: *Caenorhabditis elegans*

Synonyms: *irg-7*(*ve536*[*LoxP* + *myo-2p*::*GFP*::*unc-54* 3' UTR + *rps-27p*::*neoR*::*unc-54* 3' UTR + *LoxP*]) X.

Notes: Homozygous viable. Deletion of 5265 bp with Calarco/Colaiacovo selection cassette conferring *myo-2* GFP and G418 resistance inserted at break in parental strain N2. Left flanking Sequence: ccTTAGTTGTTGATACAGTAGACACCTCCA ; Right flanking sequence: GCTACAATTGTAACGTAGTCAACGCTAAGA. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."|"Homozygous viable. Deletion of 5265 bp with Calarco/Colaiacovo selection cassette conferring *myo-2* GFP and G418 resistance inserted at break. Left flanking Sequence: ccTTAGTTGTTGATACAGTAGACACCTCCA ; Right flanking sequence: GCTACAATTGTAACGTAGTCAACGCTAAGA. 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 *irg-7*. Insertion site verified by PCR. *myo-2p*::*GFP* + *NeoR* cassette is still present but may be excised using *LoxP* sites. Left flanking sequence: ccTTAGTTGTTGATACAGTAGACACCTCCA Right flanking sequence: GCTACAATTGTAACGTAGTCAACGCTAAGA"

Affected Gene: *WBGene00003514*(*myo-2*)|*WBGene00004496*(*rps-27*)|*WBGene00006789*(*unc-54*)|*WBGene00018237*(*irg-7*)

Genomic Alteration: *WBGene00003514*(*myo-2*), *WBGene00004496*(*rps-27*), *WBGene00006789*(*unc-54*), *WBGene00018237*(*irg-7*)

Catalog Number: WB-STRAIN:WBStrain00033362

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:RG3036, CGC_RG3036

Organism Name: RG3036

Record Creation Time: 20230227T013630+0000

Record Last Update: 20260829T162158+0000

Ratings and Alerts

No rating or validation information has been found for RG3036.

No alerts have been found for RG3036.

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.