

# Resource Summary Report

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

## Iron-1(gk5081[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) X.

RRID:WB-STRAIN:WBStrain00047554

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00047554

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00047554>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00047554

**Description:** Caenorhabditis elegans with name Iron-1(gk5081[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) X. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** Iron-1(gk5081[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) X.

**Notes:** Homozygous viable. Deletion of 3289 bp with Calarco/Colaiacovo selection cassette conferring myo-2::GFP and G418 resistance inserted at break. Left flanking sequence: TGATCACTCATTTCTTATTCTTTCCAGGT; Right flanking sequence: TTTGGTTTCCTATCCCTTTTCAACAAATTC. 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)|WBGene00008093(Iron-1)

**Genomic Alteration:** WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00008093(Iron-1)

**Catalog Number:** WB-STRAIN:WBStrain00047554

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** unknown

**Organism Name:** Iron-1(gk5081[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) X.

**Record Creation Time:** 20230227T013818+0000

**Record Last Update:** 20260815T163624+0000

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## Ratings and Alerts

No rating or validation information has been found for Iron-1(gk5081[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) X..

No alerts have been found for Iron-1(gk5081[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) X..

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.