

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

sek-4(gk3642[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) X.

RRID:WB-STRAIN:WBStrain00047534

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00047534

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00047534>

Proper Citation: RRID:WB-STRAIN:WBStrain00047534

Description: Caenorhabditis elegans with name sek-4(gk3642[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) X. from WB.

Species: Caenorhabditis elegans

Synonyms: sek-4(gk3642[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) X.

Notes: Homozygous viable. Deletion of 490 bp with Calarco/Colaiacovo selection cassette conferring myo-2::GFP and G418 resistance inserted at break. Left flanking sequence: GGTATACGCGAAAATTACACACATTACAGT; Right flanking sequence: AAGCATTTAAAAAGTTTTTGTATTCTGTTT. 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)|WBGene00018035(sek-4)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00018035(sek-4)

Catalog Number: WB-STRAIN:WBStrain00047534

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: sek-4(gk3642[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: 20260815T163623+0000

Ratings and Alerts

No rating or validation information has been found for sek-4(gk3642[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) X..

No alerts have been found for sek-4(gk3642[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP]) X..

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.