

Resource Summary Report

Generated by [ASWG](#) on Aug 11, 2026

[ilys-4\(gk3827\[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP\]\)/nT1 IV; +/nT1 V.](#)

RRID:WB-STRAIN:WBStrain00047551

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00047551

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00047551>

Proper Citation: RRID:WB-STRAIN:WBStrain00047551

Description: Caenorhabditis elegans with name ilys-4(gk3827[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/nT1 IV; +/nT1 V. from WB.

Species: Caenorhabditis elegans

Synonyms: ilys-4(gk3827[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/nT1 IV; +/nT1 V.

Notes: Homozygous lethal or sterile deletion balanced by nT1. Deletion of 692 bp with Calarco/Colaiacono selection cassette conferring myo-2::GFP and G418 resistance inserted at break. Pick viable fertile GFP+ animals to maintain; homozygous nT1 is non-GFP vulvaless hermaphrodite that bags. Left flanking sequence: CTTAATTTTTTAGTGGAAGACGATCATCCA; Right flanking sequence: GGGAACAATTGGATATTGGAAAAGAGTTTCG. 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)|WBGene00016958(ilys-4)

Genomic Alteration: WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54), WBGene00016958(ilys-4)

Catalog Number: WB-STRAIN:WBStrain00047551

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: *ilys-4(gk3827[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/nT1 IV; +/nT1 V.*

Record Creation Time: 20230227T013818+0000

Record Last Update: 20260808T171742+0000

Ratings and Alerts

No rating or validation information has been found for *ilys-4(gk3827[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/nT1 IV; +/nT1 V..*

No alerts have been found for *ilys-4(gk3827[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/nT1 IV; +/nT1 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.