

Resource Summary Report

Generated by [dkNET](#) on Aug 27, 2026

[hrpr-1\(gk5481\[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP\]\)/+ I.](#)

RRID:WB-STRAIN:WBStrain00047662

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00047662

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00047662>

Proper Citation: RRID:WB-STRAIN:WBStrain00047662

Description: Caenorhabditis elegans with name hrpr-1(gk5481[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ I. from WB.

Species: Caenorhabditis elegans

Synonyms: hrpr-1(gk5481[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ I.

Notes: Made_by: Vancouver KO Group["[NOTE: Please see RG5020 for balanced version of this strain.] Homozygous lethal or sterile deletion as unbalanced heterozygote. Deletion of 2871 bp with Calarco/Colaiacovo selection cassette conferring myo-2::GFP and G418 resistance inserted at break. Pick viable fertile GFP+ animals to maintain. [NOTE: VC4403 exhibits weak red fluorescence. The cause of this fluorescence is unknown, but gk5481 is a clean deletion/insertion confirmed by PCR.] Left flanking sequence: TTGCTTTTCAGGCAATCGTCACGCTCGTTGA; Right flanking sequence: GGCGGGAGATCTGCAAAAATCGATAATCTA. Please reference Au et al., G3 9(1): 135-144 2019 in any work resulting from use of this mutation."]

Affected Gene: WBGene00002000(hrpr-1)|WBGene00003514(myo-2)|WBGene00004496(rps-27)|WBGene00006789(unc-54)

Genomic Alteration: WBGene00002000(hrpr-1), WBGene00003514(myo-2), WBGene00004496(rps-27), WBGene00006789(unc-54)

Catalog Number: WB-STRAIN:WBStrain00047662

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: hrpr-1(gk5481[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ l.

Record Creation Time: 20230227T013819+0000

Record Last Update: 20260815T163626+0000

Ratings and Alerts

No rating or validation information has been found for hrpr-1(gk5481[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ l..

No alerts have been found for hrpr-1(gk5481[loxP + myo-2p::GFP::unc-54 3' UTR + rps-27p::neoR::unc-54 3' UTR + loxP])/+ l..

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.