

Resource Summary Report

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

lep-5(ot1215[lep-5p::SL1::tbb-2 5'UTR::GFP::H2B::loxP::sqt-1(d)::hygR::loxP::3xFLAG::tbb-2 3'UTR]) X.

RRID:WB-STRAIN:WBStrain00055034

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055034

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055034>

Proper Citation: RRID:WB-STRAIN:WBStrain00055034

Description: Caenorhabditis elegans with name lep-5(ot1215[lep-5p::SL1::tbb-2 5'UTR::GFP::H2B::loxP::sqt-1(d)::hygR::loxP::3xFLAG::tbb-2 3'UTR]) X. from WB.

Species: Caenorhabditis elegans

Synonyms: lep-5(ot1215[lep-5p::SL1::tbb-2 5'UTR::GFP::H2B::loxP::sqt-1(d)::hygR::loxP::3xFLAG::tbb-2 3'UTR]) X.

Notes: Made_by: Sandeep Wontakal|"The Null Transcriptional Reporter (NuTR) cassette was used to remove the lep-5 locus resulting in a null allele and transcriptional reporter driving expression of GFP. The cassette contains the dominant sqt-1(e1350) allele that results in roller animals. Expression of Cre (via crossing into a strain expressing a germline Cre or by injection of a Cre transgene) will result in removal of the selectable markers and result in non-roller animals. Pick Rollers to retain full transgene cassette. Males exhibit typical leptoderan tails."

Affected Gene: WBGene00005016(sqt-1)|WBGene00006537(tbb-2)|WBGene00010424(lep-5)

Genomic Alteration: WBGene00005016(sqt-1), WBGene00006537(tbb-2), WBGene00010424(lep-5)

Catalog Number: WB-STRAIN:WBStrain00055034

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: lep-5(ot1215[lep-5p::SL1::tbb-2 5'UTR::GFP::H2B::loxP::sqt-1(d)::hygR::loxP::3xFLAG::tbb-2 3'UTR]) X.

Record Creation Time: 20240716T202606+0000

Record Last Update: 20260829T162848+0000

Ratings and Alerts

No rating or validation information has been found for lep-5(ot1215[lep-5p::SL1::tbb-2 5'UTR::GFP::H2B::loxP::sqt-1(d)::hygR::loxP::3xFLAG::tbb-2 3'UTR]) X..

No alerts have been found for lep-5(ot1215[lep-5p::SL1::tbb-2 5'UTR::GFP::H2B::loxP::sqt-1(d)::hygR::loxP::3xFLAG::tbb-2 3'UTR]) 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.