

Resource Summary Report

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

[tts-1\(ot1234\[tts-1p::SL1::tbb-2
5'UTR::GFP::H2B::loxP::sqt-
1\(d\)::hygR::loxP::3xFLAG::tbb-2 3'UTR\]\) X.](#)

RRID:WB-STRAIN:WBStrain00055041

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055041

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055041>

Proper Citation: RRID:WB-STRAIN:WBStrain00055041

Description: Caenorhabditis elegans with name tts-1(ot1234[tts-1p::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: tts-1(ot1234[tts-1p::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 tts-1 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. GFP expression is seen in several tissues including the pharynx but is significantly upregulated in a stress-dependent manner in a variety of tissues."

Affected Gene: WBGene00005016(sqt-1)|WBGene00006537(tbb-2)|WBGene00006650(tts-1)

Genomic Alteration: WBGene00005016(sqt-1), WBGene00006537(tbb-2), WBGene00006650(tts-1)

Catalog Number: WB-STRAIN:WBStrain00055041

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: tts-1(ot1234[tts-1p::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: 20260829T162847+0000

Ratings and Alerts

No rating or validation information has been found for tts-1(ot1234[tts-1p::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 tts-1(ot1234[tts-1p::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.