

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

lite-1(ce314) gur-3(ok2245) X; flvls17; flvls18.

RRID:WB-STRAIN:WBStrain00055578

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055578

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055578>

Proper Citation: RRID:WB-STRAIN:WBStrain00055578

Description: Caenorhabditis elegans with name lite-1(ce314) gur-3(ok2245) X; flvls17; flvls18. from WB.

Species: Caenorhabditis elegans

Synonyms: lite-1(ce314) gur-3(ok2245) X; flvls17; flvls18.

Notes: flvls17 [tag-168::NLS::GCaMP7F + gcy-28.d::NLS::tagRFPT + ceh-36::NLS::tagRFPT + inx-1::tagRFPT + mod-1::tagRFPT + tph-1(short)::NLS::tagRFPT + gcy-5::NLS-;tagRFPT + gcy-7::NLS::tagRFPT]. flvls18 [tag-168::NLS::mNeptune2.5]. This strain can be used for calcium imaging at whole-brain level. Back-crossed 5x to MT21793 after transgene integration. Reference: Dag U, et al. bioRxiv 2023.01.15.524132; doi: <https://doi.org/10.1101/524132>; "Made_by: Steve Flavell"

Affected Gene: WBGene00001803(lite-1)|WBGene00001804(gur-3)

Genomic Alteration: WBGene00001803(lite-1), WBGene00001804(gur-3)

Catalog Number: WB-STRAIN:WBStrain00055578

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: lite-1(ce314) gur-3(ok2245) X; flvls17; flvls18.

Record Creation Time: 20240716T202611+0000

Record Last Update: 20260905T115811+0000

Ratings and Alerts

No rating or validation information has been found for lite-1(ce314) gur-3(ok2245) X; flvls17; flvls18..

No alerts have been found for lite-1(ce314) gur-3(ok2245) X; flvls17; flvls18..

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.