

Resource Summary Report

Generated by NIF on Aug 15, 2026

otIs670 V; lite-1(ce314) gur-3(ok2245) X; flvIs17.

RRID:WB-STRAIN:WBStrain00055582

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055582

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055582>

Proper Citation: RRID:WB-STRAIN:WBStrain00055582

Description: *Caenorhabditis elegans* with name otIs670 V; lite-1(ce314) gur-3(ok2245) X; flvIs17. from WB.

Species: *Caenorhabditis elegans*

Synonyms: otIs670 V; lite-1(ce314) gur-3(ok2245) X; flvIs17.

Notes: flvIs17 [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]. See description of strain OH15263 for full description of otIs670 NeuroPAL (Neuronal Polychromatic Atlas of Landmarks) transgene (Yemini E, et al. Cell. 2021 Jan 7;184(1):272-288.e11. PMID: 33378642). This strain can be used for pan-neuronal calcium imaging. Back-crossed 5x to MT21793 after transgene integration. Reference: Dag U, et al. bioRxiv 2023.01.15.524132; doi: <https://doi.org/10.1101/2023.01.15.524132>; Made_by: Steve Flavell"

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

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

Catalog Number: WB-STRAIN:WBStrain00055582

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: otIs670 V; lite-1(ce314) qur-3(ok2245) X; flvIs17.

Record Creation Time: 20240716T202611+0000

Record Last Update: 20260815T163847+0000

Ratings and Alerts

No rating or validation information has been found for otIs670 V; lite-1(ce314) gur-3(ok2245) X; flvIs17..

No alerts have been found for otIs670 V; lite-1(ce314) gur-3(ok2245) X; flvIs17..

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.