

Resource Summary Report

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wtfEx478.

RRID:WB-STRAIN:WBStrain00062214

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00062214

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00062214>

Proper Citation: RRID:WB-STRAIN:WBStrain00062214

Description: Caenorhabditis elegans with name wtfEx478. from WB.

Species: Caenorhabditis elegans

Synonyms: wtfEx478.

Notes: wtfEx478 [rab-3p::AI::lite-1G::SL2::tagBFP::unc-54 3'UTR + unc-122p::GFP]. Pick GFP+ animals to maintain. Worms express purple/violet light-sensitive optogenetic protein LITE-1 pan-neuronally and nuclear-localized blue fluorescent protein tagBFP via SL2 trans-splicing regulatory sequence. Worms also express GFP in coelomocytes. Reporter construct contains an artificial intron (AI). Reference: Sharma AK, et al. Genetics 2024 May 11:iyae077. doi: 10.1093/genetics/iyae077 PMID: 38733622.

Catalog Number: WB-STRAIN:WBStrain00062214

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: wtfEx478.

Record Creation Time: 20250827T213340+0000

Record Last Update: 20260829T163057+0000

Ratings and Alerts

No rating or validation information has been found for wtfEx478..

No alerts have been found for wtfEx478..

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.