

Resource Summary Report

Generated by PRECISE-TBI on Aug 11, 2026

juEx4586 [rgef-1p::GFP1-10 + ttx-3p::RFP].

RRID:WB-STRAIN:WBStrain00051636

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051636

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051636>

Proper Citation: RRID:WB-STRAIN:WBStrain00051636

Description: Caenorhabditis elegans with name juEx4586 [rgef-1p::GFP1-10 + ttx-3p::RFP]. from WB.

Species: Caenorhabditis elegans

Synonyms: juEx4586 [rgef-1p::GFP1-10 + ttx-3p::RFP].

Notes: juEx4586 [rgef-1p::GFP1-10 + ttx-3p::RFP]. Pick RFP+ to maintain. RFP expression in AIY neuron. Weak light green signals were observed in the neurons using compound scope although this is only the former half of the split GFP. Reference: Noma K, et al. Elife. 2017 Aug 2;6:e26376. doi: 10.7554/eLife.26376.["Made_by: Ken Noma"]

Affected Gene: WBGene00006654(ttx-3)|WBGene00009100(rgef-1)

Genomic Alteration: WBGene00006654(ttx-3), WBGene00009100(rgef-1)

Catalog Number: WB-STRAIN:WBStrain00051636

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: juEx4586 [rgef-1p::GFP1-10 + ttx-3p::RFP].

Record Creation Time: 20230227T013849+0000

Record Last Update: 20260808T171840+0000

Ratings and Alerts

No rating or validation information has been found for juEx4586 [rgef-1p::GFP1-10 + ttx-3p::RFP]..

No alerts have been found for juEx4586 [rgef-1p::GFP1-10 + ttx-3p::RFP]..

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.