

Resource Summary Report

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[klp-20\(cas447\[klp-20::gfp\]\) III; xbx-1\(cas502\[xbx-1::tagRFP\]\) V; ift-81\(cas498\[ift-81::tagBFP\]\) X.](#)

RRID:WB-STRAIN:WBStrain00051699

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051699>

Proper Citation: RRID:WB-STRAIN:WBStrain00051699

Description: Caenorhabditis elegans with name klp-20(cas447[klp-20::gfp]) III; xbx-1(cas502[xbx-1::tagRFP]) V; ift-81(cas498[ift-81::tagBFP]) X. from WB.

Species: Caenorhabditis elegans

Synonyms: klp-20(cas447[klp-20::gfp]) III; xbx-1(cas502[xbx-1::tagRFP]) V; ift-81(cas498[ift-81::tagBFP]) X.

Notes: Constructed by crossing individual fluorescence knock-in worms. GFP inserted into the endogenous klp-20 gene at its C-terminus, tagRFP::3xFlag inserted into the endogenous xbx-1 gene at its C-terminus and tagBFP inserted into the endogenous ift-81 gene at its C-terminus by Cas9-triggered homologous recombination. GFP enriched at the proximal region (middle segment) of amphid or phasmid sensory cilia while red and blue fluorescence enriched along the whole cilia. Very weak fluorescence in the cell bodies of ciliated neurons.

Affected Gene: WBGene00002230(klp-20)|WBGene00006960(xbx-1)|WBGene00017973(ift-81)

Genomic Alteration: WBGene00002230(klp-20), WBGene00006960(xbx-1), WBGene00017973(ift-81)

Catalog Number: WB-STRAIN:WBStrain00051699

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: klp-20(cas447[klp-20::gfp]) III; xbx-1(cas502[xbx-1::tagRFP]) V; ift-81(cas498[ift-81::tagBFP]) X.

Record Creation Time: 20230227T013849+0000

Record Last Update: 20260808T171841+0000

Ratings and Alerts

No rating or validation information has been found for klp-20(cas447[klp-20::gfp]) III; xbx-1(cas502[xbx-1::tagRFP]) V; ift-81(cas498[ift-81::tagBFP]) X..

No alerts have been found for klp-20(cas447[klp-20::gfp]) III; xbx-1(cas502[xbx-1::tagRFP]) V; ift-81(cas498[ift-81::tagBFP]) 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.