

Resource Summary Report

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twk-40(bln336) III; hpEx4479.

RRID:WB-STRAIN:WBStrain00055714

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055714

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055714>

Proper Citation: RRID:WB-STRAIN:WBStrain00055714

Description: Caenorhabditis elegans with name twk-40(bln336) III; hpEx4479. from WB.

Species: Caenorhabditis elegans

Synonyms: twk-40(bln336) III; hpEx4479.

Notes: hpEx4479 [npr-4p::snb-1::pHluorin + lin-15(+)]. Pick animals with green fluorescence in VNC to maintain. twk-40(bln336) is a gain-of-function allele. Paralyzed; no backward movement upon head touch. Synapse exocytosis marker for AVA. Transgenic animals exhibit punctate fluorescent signals along AVA neurites in the ventral cord, with weaker expression than in a wild-type background.

Affected Gene: WBGene00006691(twk-40)

Genomic Alteration: WBGene00006691(twk-40)

Catalog Number: WB-STRAIN:WBStrain00055714

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Source References: [PMID:38598630](#)

Organism Name: twk-40(bln336) III; hpEx4479.

Record Creation Time: 20240716T202612+0000

Record Last Update: 20260725T172829+0000

Ratings and Alerts

No rating or validation information has been found for twk-40(bln336) III; hpEx4479..

No alerts have been found for twk-40(bln336) III; hpEx4479..

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.