

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

twk-7(mac510) III.

RRID:WB-STRAIN:WBStrain00062546

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00062546

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00062546>

Proper Citation: RRID:WB-STRAIN:WBStrain00062546

Description: Caenorhabditis elegans with name twk-7(mac510) III. from WB.

Species: Caenorhabditis elegans

Synonyms: twk-7(mac510) III.

Notes: Made_by: Chuanman Zhou|"twk-7 loss-of-function allele. Hyperactive forward locomotion. twk-7(mac510) is a 10-bp deletion and 2-bp insertion in exon 9, causing a frameshift:

aatttatttcagGTAAAAAAGAACGCAGCAACGGAGACATGGACATTTTCATCGTCCATTTTCTTTGCC

Reference: Zhou C, et al. PLoS Genet. 2022;18: e1010126.

doi:10.1371/journal.pgen.1010126. PMID: 35482723."

Affected Gene: WBGene00006662(twk-7)

Genomic Alteration: WBGene00006662(twk-7)

Catalog Number: WB-STRAIN:WBStrain00062546

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: twk-7(mac510) III.

Record Creation Time: 20250827T213345+0000

Record Last Update: 20260905T115942+0000

Ratings and Alerts

No rating or validation information has been found for twk-7(mac510) III..

No alerts have been found for twk-7(mac510) III..

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.