

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

XE1311

RRID:WB-STRAIN:WBStrain00040648

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00040648

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00040648>

Proper Citation: RRID:WB-STRAIN:WBStrain00040648

Description: Caenorhabditis elegans with name mkk-4(ju91) X; vtIs7. from WB.

Species: Caenorhabditis elegans

Synonyms: mkk-4(ju91) X; vtIs7.

Notes: Made_by: Sara Kosmaczewski"vtIs7 [dat-1p::GFP]. GFP expression in dopaminergic neurons. This strain was generated by crossing the mkk-4(jk91) mutation into the vtIs7 background. Reference: Gonzalez-Hunt CP, et al. PLoS One. 2014 Dec 8;9(12):e114459."

Affected Gene: WBGene00003368(mkk-4)

Genomic Alteration: WBGene00003368(mkk-4)

Catalog Number: WB-STRAIN:WBStrain00040648

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:XE1311, CGC_XE1311

Organism Name: XE1311

Record Creation Time: 20230227T013726+0000

Record Last Update: 20260905T115447+0000

Ratings and Alerts

No rating or validation information has been found for XE1311.

No alerts have been found for XE1311.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Gaeta AL, et al. (2023) Mechanistic impacts of bacterial diet on dopaminergic neurodegeneration in a *Caenorhabditis elegans* α -synuclein model of Parkinson's disease. *iScience*, 26(6), 106859.