

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

unc-26(pek288[R216Q]) IV.

RRID:WB-STRAIN:WBStrain00054666

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00054666

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00054666>

Proper Citation: RRID:WB-STRAIN:WBStrain00054666

Description: Caenorhabditis elegans with name unc-26(pek288[R216Q]) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: unc-26(pek288[R216Q]) IV.

Notes: Made_by: Sisi Yang|"unc-26(pek288) is a CRISPR-engineered R216Q substitution in unc-26/synaptojanin 1 associated with early-onset Parkinsonism (EOP) (Quadri et al., 2013; Krebs et al., 2013). This allele shows abnormal focal accumulation of ATG-9 in presynaptic nerve terminals, defects in activity-induced synaptic autophagy, and defects in sustained neurotransmission and locomotory behaviors in aging animals. Reference: Yang S, et al. Neuron. 2022 Mar 2;110(5):824-840.e10. PMID: 35065714"

Affected Gene: WBGene00006763(unc-26)

Genomic Alteration: WBGene00006763(unc-26)

Catalog Number: WB-STRAIN:WBStrain00054666

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: unc-26(pek288[R216Q]) IV.

Record Creation Time: 20240716T202603+0000

Record Last Update: 20260905T115757+0000

Ratings and Alerts

No rating or validation information has been found for unc-26(pek288[R216Q]) IV..

No alerts have been found for unc-26(pek288[R216Q]) IV..

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.