

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

ubh-4(cer140) rpn-9(gk401)/mIn1 [mIs14 dpy-10(e128)] II.

RRID:WB-STRAIN:WBStrain00054676

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00054676

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00054676>

Proper Citation: RRID:WB-STRAIN:WBStrain00054676

Description: Caenorhabditis elegans with name ubh-4(cer140) rpn-9(gk401)/mIn1 [mIs14 dpy-10(e128)] II. from WB.

Species: Caenorhabditis elegans

Synonyms: ubh-4(cer140) rpn-9(gk401)/mIn1 [mIs14 dpy-10(e128)] II.

Notes: Homozygous viable mutation balanced by GFP- and dpy-10-marked inversion. Heterozygotes are WT with relatively dim pharyngeal GFP signal, and segregate WT dim GFP, Dpy bright GFP (mIn1 homozygotes), and non-GFP cer140 gk401 homozygotes (synthetic sterile). Pick WT dim GFP and check for correct segregation of progeny to maintain. Generated by CRISPR-mediated deletion of ubh-4 in gk401 mutant background. Reference: Martinez-Fernandez C, et al. Cells. 2023 Mar 18;12(6):929. doi: 10.3390/cells12060929. PMID: 36980270|"Made_by: Carmen Martnez-Fernndez"

Affected Gene: WBGene00001072(dpy-10)|WBGene00004465(rpn-9)|WBGene00006724(ubh-4)

Genomic Alteration: WBGene00001072(dpy-10), WBGene00004465(rpn-9), WBGene00006724(ubh-4)

Catalog Number: WB-STRAIN:WBStrain00054676

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: ubh-4(cer140) rpn-9(gk401)/mIn1 [mls14 dpy-10(e128)] II.

Record Creation Time: 20240716T202603+0000

Record Last Update: 20260905T115758+0000

Ratings and Alerts

No rating or validation information has been found for ubh-4(cer140) rpn-9(gk401)/mIn1 [mls14 dpy-10(e128)] II..

No alerts have been found for ubh-4(cer140) rpn-9(gk401)/mIn1 [mls14 dpy-10(e128)] II..

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.