

Resource Summary Report

Generated by SPARC SAWG on Aug 23, 2026

BW1566

RRID:WB-STRAIN:WBStrain00003991

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00003991

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00003991>

Proper Citation: RRID:WB-STRAIN:WBStrain00003991

Description: Caenorhabditis elegans with name pal-1(ct224)/qC1 [dpy-19(e1259) glp-1(q339)] III. from WB.

Species: Caenorhabditis elegans

Synonyms: pal-1(ct224)/qC1 [dpy-19(e1259) glp-1(q339)] III.

Notes: Heterozygotes are WT and segregate WT, DpySteriles and dead eggs. Pick wild-type heterozygotes to maintain. ct224 homozygotes show Nob phenotype: approximately 80% of homozygous embryos arrest at about the time of hatching with fairly normal anterior development but a severely deformed posterior with a variable knob-like shape; approximately 20% fail to enclose and do not hatch. ct224 is a 4.2kb deletion removing exon 1 through exon 6 of the pal-1 gene. Reference: Edgar LG, et al. Dev Biol. 2001 Jan 1;229(1):71-88.

Affected Gene: WBGene00001078(dpy-19)|WBGene00001609(glp-1)|WBGene00003912(pal-1)

Genomic Alteration: WBGene00001078(dpy-19), WBGene00001609(glp-1), WBGene00003912(pal-1)

Catalog Number: WB-STRAIN:WBStrain00003991

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:BW1566, CGC_BW1566

Organism Name: BW1566

Record Creation Time: 20230227T013249+0000

Record Last Update: 20260815T162327+0000

Ratings and Alerts

No rating or validation information has been found for BW1566.

No alerts have been found for BW1566.

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.