

Resource Summary Report

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BW1563

RRID:WB-STRAIN:WBStrain00003990

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00003990

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00003990>

Proper Citation: RRID:WB-STRAIN:WBStrain00003990

Description: Caenorhabditis elegans with name pal-1(ct281)/qC1 [dpy-19(e1259) glp-1(q339)] III. from WB.

Species: Caenorhabditis elegans

Synonyms: pal-1(ct281)/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. ct281 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. ct281 is a 4.7kb deletion removing intron 5, exon 6, and the 3'UTR 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:WBStrain00003990

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:BW1563, CGC_BW1563

Organism Name: BW1563

Record Creation Time: 20230227T013249+0000

Record Last Update: 20260725T171647+0000

Ratings and Alerts

No rating or validation information has been found for BW1563.

No alerts have been found for BW1563.

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.