

Resource Summary Report

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BW2041

RRID:WB-STRAIN:WBStrain00004005

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00004005

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004005>

Proper Citation: RRID:WB-STRAIN:WBStrain00004005

Description: Caenorhabditis elegans with name pal-1(ct224) dpy-17(e164) ncl-1(e1865) unc-36(e251) III; svDp1 (III;f). from WB.

Species: Caenorhabditis elegans

Synonyms: pal-1(ct224) dpy-17(e164) ncl-1(e1865) unc-36(e251) III; svDp1 (III;f).

Notes: svDp1 [sur-5::GFP] (III;f). svDp1 was derived by insertion of a sur-5::GFP marker into sDp3(III;f). Pick GFP+ wild-type to maintain. svDp1 rescues ct224. ct224 homozygotes (lacking GFP expression) 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. The duplication is lost in about 30-40% of embryos. Reference: Edgar LG, et al. Dev Biol. 2001 Jan 1;229(1):71-88.

Affected Gene: WBGene00001076(dpy-17)|WBGene00003559(ncl-1)|WBGene00003912(pal-1)|WBGene00006772(unc-36)

Genomic Alteration: WBGene00001076(dpy-17), WBGene00003559(ncl-1), WBGene00003912(pal-1), WBGene00006772(unc-36)

Catalog Number: WB-STRAIN:WBStrain00004005

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:BW2041, CGC_BW2041

Organism Name: BW2041

Record Creation Time: 20230227T013249+0000

Record Last Update: 20260725T171647+0000

Ratings and Alerts

No rating or validation information has been found for BW2041.

No alerts have been found for BW2041.

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.