Resource Summary Report

Generated by PRECISE-TBI on Aug 30, 2026

SV314

RRID:WB-STRAIN:WBStrain00034602
Type: Organism

Proper Citation

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Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00034602

Proper Citation: RRID:WB-STRAIN:WBStrain00034602

Description: Caenorhabditis elegans with name rol-1(e91) cyd-1(he112)/mnC1 [dpy-10(e28) unc-52(e444)] II. from WB.

Species: Caenorhabditis elegans

Synonyms: rol-1(e91) cyd-1(he112)/mnC1 [dpy-10(e28) unc-52(e444)] II.

Notes: Heterozygotes are WT and segregate WT, DpyUncs, and rol-1 cyd-1 homozygotes which are thin, sterile, uncoordinated animals. rol-1 is largely suppressed by cyd-1. No postembryoinc cell divisions take place in cyd-1.

Affected Gene: WBGene00000870(cyd-1)|WBGene00001072(dpy-10)|WBGene00004394(rol-1)|WBGene00006787(unc-52)

Genomic Alteration: WBGene00000870(cyd-1), WBGene00001072(dpy-10), WBGene00004394(rol-1), WBGene00006787(unc-52)

Catalog Number: WB-STRAIN:WBStrain00034602

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:SV314, CGC_SV314

Organism Name: SV314

Record Creation Time: 20230227T013640+0000

Record Last Update: 20260829T162222+0000

Ratings and Alerts

No rating or validation information has been found for SV314.

No alerts have been found for SV314.

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Rautela U, et al. (2024) A non-canonical role of somatic Cyclin D/CYD-1 in oogenesis and in maintenance of reproductive fidelity, dependent on the FOXO/DAF-16 activation state. PLoS genetics, 20(11), e1011453.

The I, et al. (2015) Rb and FZR1/Cdh1 determine CDK4/6-cyclin D requirement in C. elegans and human cancer cells. Nature communications, 6, 5906.