

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 11, 2026

## SV314

RRID:WB-STRAIN:WBStrain00034602

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00034602

### Organism Information

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

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**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 postembryonic 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

## Ratings and Alerts

No rating or validation information has been found for SV314.

No alerts have been found for SV314.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## 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.