

Resource Summary Report

Generated by [ASWG](#) on Aug 29, 2026

[rpa-1\(iow117\)/mIn1\[mls14 dpy-10\(e128\)\] II.](#)

RRID:WB-STRAIN:WBStrain00051042

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051042

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051042>

Proper Citation: RRID:WB-STRAIN:WBStrain00051042

Description: Caenorhabditis elegans with name rpa-1(iow117)/mIn1[mls14 dpy-10(e128)] II. from WB.

Species: Caenorhabditis elegans

Synonyms: rpa-1(iow117)/mIn1[mls14 dpy-10(e128)] II.

Notes: Crispr/Cas9-engineered indel in the 5' region of rpa-1. Larval-lethal mutation balanced by GFP- and dpy-10-marked inversion. Heterozygotes are wild-type with relatively dim pharyngeal GFP signal, and segregate WT dim GFP, Dpy bright GFP (mIn1 homozygotes), and non-GFP iow117 homozygotes (larval lethal). Pick wild-type dim GFP and check for correct segregation of progeny to maintain. iow117 was generated in mre-11::GFP background and outcrossed to N2. Reference: Hefel et al., Nucleic Acids Res. 2021 Jan 21;gkaa1293. doi: 10.1093/nar/gkaa1293. | "Made_by: Adam Hefel"

Affected Gene: WBGene00001072(dpy-10)|WBGene00017546(rpa-1)

Genomic Alteration: WBGene00001072(dpy-10), WBGene00017546(rpa-1)

Catalog Number: WB-STRAIN:WBStrain00051042

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: rpa-1(iow117)/mIn1[mls14 dpy-10(e128)] II.

Record Creation Time: 20230227T013844+0000

Record Last Update: 20260815T163733+0000

Ratings and Alerts

No rating or validation information has been found for rpa-1(iow117)/mln1[mls14 dpy-10(e128)] II..

No alerts have been found for rpa-1(iow117)/mln1[mls14 dpy-10(e128)] II..

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.