

# Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

## CA1218

RRID:WB-STRAIN:WBStrain00004068

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00004068

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00004068>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00004068

**Description:** Caenorhabditis elegans with name syp-3(ok758) I; ieSi11 II; unc-119(ed3) III. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** syp-3(ok758) I; ieSi11 II; unc-119(ed3) III.

**Notes:** ieSi11 [syp-3p::EmeraldGFP::syp-3::syp-3 3'UTR + Cbr-unc-119(+)] II. ieSi11 was inserted into ttTi5605 II using MosSCI. Expression of GFP::SYP-3 largely complements syp-3(ok758), but some meiotic nondisjunction is detected above the N2 background (85% embryonic viability; ~1% male self-progeny;). GFP::SYP-3 expression is readily detected in spermatocytes and oocytes in the germline, and localizes to the interface between paired homologous chromosomes during most of meiotic prophase. Reference: Rog O, Dernburg AF. Cell Rep. 2015 Mar 10. pii: S2211-1247(15)00178-3.

**Affected Gene:** WBGene00006377(syp-3)|WBGene00006843(unc-119)

**Genomic Alteration:** WBGene00006377(syp-3), WBGene00006843(unc-119)

**Catalog Number:** WB-STRAIN:WBStrain00004068

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Alternate IDs:** WB-STRAIN:CA1218, CGC\_CA1218

**Organism Name:** CA1218

**Record Creation Time:** 20230227T013249+0000

**Record Last Update:** 20260905T114611+0000

---

## Ratings and Alerts

No rating or validation information has been found for CA1218.

No alerts have been found for CA1218.

---

## 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 [dkNET](#) .

Bline AP, et al. (2025) A systems toxicology approach implicates post-transcriptional regulatory networks in reproductive defects from PFAS exposure. Toxicological sciences : an official journal of the Society of Toxicology, 208(1), 61.

Mejia-Trujillo R, et al. (2025) RNA Pol I activity maintains chromatin condensation and the H3K4me3 gradient essential for oogenesis, independent of ribosome production. bioRxiv : the preprint server for biology.