

Resource Summary Report

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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: 20260815T162328+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 [nidm-terms](#) .

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.