

Resource Summary Report

Generated by [dkNET](#) on Sep 14, 2026

AV630

RRID:WB-STRAIN:WBStrain00000296

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00000296

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00000296>

Proper Citation: RRID:WB-STRAIN:WBStrain00000296

Description: Caenorhabditis elegans with name mels8 II. from WB.

Species: Caenorhabditis elegans

Synonyms: mels8 II.

Notes: mels8 [pie-1p::GFP::cosa-1 + unc-119(+)] II. Transgene contains a combination of cDNA and genomic sequences of cosa-1 including 212 bp of 3'UTR. GFP is expressed in the adult germline as 6 bright foci per nucleus (one per chromosome pair) from late pachytene through diplotene stages. Reference: Yokoo R, et al. Cell. 2012 Mar 30;149(1):75-87.|"Reference WBPaper00059491 added based on published strain data identified by Textpresso literature search."|"WBStrain mapped, WBPaper00060717 added based on AFP_Strain data."|"WBStrain mapped, WBPaper00060819 added based on AFP_Strain data."|"WBStrain mapped, WBPaper00061039 added based on AFP_Strain data."|"WBStrain mapped, WBPaper00061201 added based on AFP_Strain data."|"WBStrain mapped, WBPaper00061204 added based on AFP_Strain data."|"WBStrain mapped, WBPaper00061461 added based on AFP_Strain data."

Catalog Number: WB-STRAIN:WBStrain00000296

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32142707](#), [PMID:32211900](#), [PMID:32886661](#), [PMID:33159994](#), [PMID:33377003](#), [PMID:33575816](#), [PMID:33740426](#), [PMID:33772283](#), [PMID:34081106](#), [PMID:38010234](#), [PMID:39475711](#)

Alternate IDs: WB-STRAIN:AV630, CGC_AV630

Organism Name: AV630

Record Creation Time: 20230227T013220+0000

Record Last Update: 20260912T180943+0000

Ratings and Alerts

No rating or validation information has been found for AV630.

No alerts have been found for AV630.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Oberlitner J, et al. (2025) Analysis of rad-51 separation of function allele suggests divergence of the synthesis-dependent strand annealing and double Holliday junction pathways prior to RAD-51 filament disassembly. Genetics, 230(2).

Saito TT, et al. (2024) Caenorhabditis elegans brc-1 mutation increases the number of COSA-1 foci in him-8 and zim-2 mutants. microPublication biology, 2024.

Altendorfer E, et al. (2020) Crossover Position Drives Chromosome Remodeling for Accurate Meiotic Chromosome Segregation. Current biology : CB, 30(7), 1329.