

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

KG518

RRID:WB-STRAIN:WBStrain00023479

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00023479>

Proper Citation: RRID:WB-STRAIN:WBStrain00023479

Description: Caenorhabditis elegans with name acy-1(ce2) III. from WB.

Species: Caenorhabditis elegans

Synonyms: acy-1(ce2) III.

Notes: About normal size and distribution on food. Hyperactive locomotion. Hypersensitive to stimuli. Most mature adults have slight vulval bump. Not obviously Egl-d or Egl-c. Dominant, gain-of-function allele. Mutation is P260S. Sequence in WT: CAGTCTGTGATG C CT. Sequence in ce2: CAGTCTGTGATG T CT.|"WBStrain mapped, WBPaper00060924 added based on AFP_Strain data."|"WBStrain mapped, WBPaper00061459 added based on AFP_Strain data."

Affected Gene: WBGene00000068(acy-1)

Genomic Alteration: WBGene00000068(acy-1)

Catalog Number: WB-STRAIN:WBStrain00023479

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:34037773](#)

Alternate IDs: WB-STRAIN:KG518, CGC_KG518

Organism Name: KG518

Record Creation Time: 20230227T013515+0000

Record Last Update: 20260829T161853+0000

Ratings and Alerts

No rating or validation information has been found for KG518.

No alerts have been found for KG518.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Chandra R, et al. (2023) Sleep is required to consolidate odor memory and remodel olfactory synapses. Cell, 186(13), 2911.