

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

DA1814

RRID:WB-STRAIN:WBStrain00005588

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00005588

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005588>

Proper Citation: RRID:WB-STRAIN:WBStrain00005588

Description: Caenorhabditis elegans with name ser-1(ok345) X from WB.

Species: Caenorhabditis elegans

Synonyms: ser-1(ok345) X

Notes: F59C12.2. Homozygous. Outer Left Sequence: AAGCATCTTTGAGCGCATTT. Outer Right Sequence: CATAGCGAGTGTGGAGCA. Inner Left Sequence: AATTCAGGGGTGTGGACAT. Inner Right Sequence: AATCATTTTTGAAACCGACCC. Inner Primer PCR Length: 2926 bp. Deletion Size: 859 bp. Deletion left flank: TGTTTTGTAAGCTTTGTAAAATTATGTAGT. Deletion right flank: CCACTAGAAATAATTTCCCCCTTCTTTTTC. URL: www.celeganskoconsortium.omrf.org/["Supplementary_genotype ser-1(ok345)"]["Supplementary_genotype ser-1(ok345) X"]["WBStrain mapped, WBPaper00060976 added based on AFP_Strain data."["WBStrain provided so WBPaper00060134 paper added based on AFP_Strain data."]

Affected Gene: WBGene00004776(ser-1)

Genomic Alteration: WBGene00004776(ser-1)

Catalog Number: WB-STRAIN:WBStrain00005588

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32847964](#), [PMID:37055179](#), [PMID:37728328](#), [PMID:38514005](#), [PMID:39025433](#)

Alternate IDs: WB-STRAIN:DA1814, CGC_DA1814

Organism Name: DA1814

Record Creation Time: 20230227T013301+0000

Record Last Update: 20260829T161318+0000

Ratings and Alerts

No rating or validation information has been found for DA1814.

No alerts have been found for DA1814.

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 [NIF](#) .

White AM, et al. (2025) Behavioral and genetic analysis of the effects of the psychedelic 2,5-dimethoxy-4-iodoamphetamine (DOI) in *C. elegans*. PloS one, 20(8), e0329538.

Ji H, et al. (2024) Automated multimodal imaging of *Caenorhabditis elegans* behavior in multi-well plates. Genetics, 228(4).

Olson AC, et al. (2023) Multiple Subthreshold GPCR Signals Combined by the G-Proteins G α q and G α s Activate the *Caenorhabditis elegans* Egg-Laying Muscles. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(21), 3789.