

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

FK181

RRID:WB-STRAIN:WBStrain00007510

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00007510

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00007510>

Proper Citation: RRID:WB-STRAIN:WBStrain00007510

Description: Caenorhabditis elegans with name ksls2 [Pdaf-7p::gfp + rol-6(su1006)] from WB.

Species: Caenorhabditis elegans

Synonyms: ksls2 [Pdaf-7p::gfp + rol-6(su1006)]

Notes: ksls2 [daf-7p::GFP + rol-6(su1006)]. Rollers.

Affected Gene: WBGene00000903(daf-7)

Genomic Alteration: WBGene00000903(daf-7)

Catalog Number: WB-STRAIN:WBStrain00007510

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32550368](#), [PMID:38547071](#), [PMID:38865452](#), [PMID:39426950](#)

Alternate IDs: WB-STRAIN:FK181, CGC_FK181

Organism Name: FK181

Record Creation Time: 20230227T013315+0000

Record Last Update: 20260815T162436+0000

Ratings and Alerts

No rating or validation information has been found for FK181.

No alerts have been found for FK181.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Perhacs JM, et al. (2026) IGF-like growth factors that couple food sensing to developmental decisions employ different release mechanisms in a single pair of C. elegans chemosensory neurons. bioRxiv : the preprint server for biology.

Serey M, et al. (2025) Interspecies relationships of natural amoebae and bacteria with C. elegans create environments propitious for multigenerational diapause. mSystems, 10(4), e0156624.

Gainey DP, et al. (2025) Reported transgenerational responses to Pseudomonas aeruginosa in Caenorhabditis elegans are not robust. eLife, 13.

Boor SA, et al. (2024) Neuroendocrine gene expression coupling of interoceptive bacterial food cues to foraging behavior of C. elegans. eLife, 12.

Lee H, et al. (2024) Genetic variants that modify neuroendocrine gene expression and foraging behavior of C. elegans. Science advances, 10(24), eadk9481.

Boor SA, et al. (2023) Neuroendocrine Gene Expression Coupling of Interoceptive Bacterial Food Cues to Foraging Behavior of C. elegans. bioRxiv : the preprint server for biology.

Lawson HN, et al. (2020) Dynamic, Non-binary Specification of Sexual State in the C. elegans Nervous System. Current biology : CB, 30(18), 3617.