# Resource Summary Report

Generated by NIF on Aug 17, 2026

## HBR507

RRID:WB-STRAIN:WBStrain00008311
Type: Organism

### Proper Citation

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### Organism Information

**URL:** http://www.wormbase.org/db/get?name=WBStrain00008311

**Proper Citation:** RRID:WB-STRAIN:WBStrain00008311

**Description:** Caenorhabditis elegans with name flp-11(tm2706) X. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** flp-11(tm2706) X.

**Notes:** 70% reduction of behavioral quiescence during sleep. Reference: Turek et al. eLife 2016;5:e12499.

**Affected Gene:** WBGene00001454(flp-11)

**Genomic Alteration:** WBGene00001454(flp-11)

**Catalog Number:** WB-STRAIN:WBStrain00008311

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Source References:** PMID:36652499, PMID:37155851

**Alternate IDs:** WB-STRAIN:HBR507, CGC_HBR507

**Organism Name:** HBR507

**Record Creation Time:** 20230227T013321+0000

**Record Last Update:** 20260815T162453+0000

## Ratings and Alerts

No rating or validation information has been found for HBR507.

No alerts have been found for HBR507.

## Data and Source Information

**Source:** Integrated Animals

**Source Database:** WormBase (WB)

## Usage and Citation Metrics

We found 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at NIF .

Ji H, et al. (2023) A proprioceptive feedback circuit drives Caenorhabditis elegans locomotor adaptation through dopamine signaling. Proceedings of the National Academy of Sciences of the United States of America, 120(20), e2219341120.

Cockx B, et al. (2023) Mass Spectrometry-Driven Discovery of Neuropeptides Mediating Nictation Behavior of Nematodes. Molecular & cellular proteomics : MCP, 22(2), 100479.

Busack I, et al. (2023) A sleep-active neuron can promote survival while sleep behavior is disturbed. PLoS genetics, 19(3), e1010665.

Ardiel EL, et al. (2022) Stereotyped behavioral maturation and rhythmic quiescence in C. elegans embryos. eLife, 11.