

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

## PE863

RRID:WB-STRAIN:WBStrain00030637

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00030637

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00030637>

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**Description:** Caenorhabditis elegans with name fels4 V; aak-2(ok524) X. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** fels4 V; aak-2(ok524) X.

**Notes:** fels4 [sur-5p::luciferase::GFP + rol-6(su1006)] V. Rollers. Strain is bioluminescent when provided with exogenous D-luciferin (potassium salt) due to sur-5 promoter driving expression of firefly (Photinus pyralis) luciferase (lacking the peroxisome tagging signal) fused in-frame to GFP(S65C). Pick animals with high levels of fluorescence to retain expression of luciferase transgene. This strain is for academic use only. This strain cannot be distributed to commercial organizations. This strain cannot be used for any commercial purpose or for work on human subjects. References: Lagido C, et al. BMC Physiol. 2008 Apr 2;8:7. McLaggan D, et al. PLoS One. 2012;7(10):e46503. Lagido C, et al. Toxicol Sci. 2009 May;109(1):88-95.

**Affected Gene:** WBGene00020142(aak-2)

**Genomic Alteration:** WBGene00020142(aak-2)

**Catalog Number:** WB-STRAIN:WBStrain00030637

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Alternate IDs:** WB-STRAIN:PE863, CGC\_PE863

**Organism Name:** PE863

**Record Creation Time:** 20230227T013610+0000

**Record Last Update:** 20260808T171357+0000

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## Ratings and Alerts

No rating or validation information has been found for PE863.

No alerts have been found for PE863.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.