

Resource Summary Report

Generated by PRECISE-TBI on Sep 5, 2026

PE870

RRID:WB-STRAIN:WBStrain00030640

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00030640>

Proper Citation: RRID:WB-STRAIN:WBStrain00030640

Description: Caenorhabditis elegans with name fels4 V; rmls133. from WB.

Species: Caenorhabditis elegans

Synonyms: fels4 V; rmls133.

Notes: fels4 [sur-5p::luciferase::GFP + rol-6(su1006)] V. rmls133 [unc-54p::Q40::YFP]. 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.

Catalog Number: WB-STRAIN:WBStrain00030640

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:PE870, CGC_PE870

Organism Name: PE870

Record Creation Time: 20230227T013610+0000

Record Last Update: 20260829T162113+0000

Ratings and Alerts

No rating or validation information has been found for PE870.

No alerts have been found for PE870.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.