

Resource Summary Report

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[ego-1\(fj114\[PA::ego-1\]\) I.](#)

RRID:WB-STRAIN:WBStrain00055737

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055737>

Proper Citation: RRID:WB-STRAIN:WBStrain00055737

Description: Caenorhabditis elegans with name ego-1(fj114[PA::ego-1]) I. from WB.

Species: Caenorhabditis elegans

Synonyms: ego-1(fj114[PA::ego-1]) I.

Notes: Four amino-acid residues (G24V27) near the N-terminus of EGO-1 were replaced with a PA-tag sequence (GVAMPGAEDDVV derived from human podoplanin) in the endogenous ego-1 gene. The PA-tag insertion can be checked by PCR with the following primers: TTCAAAATGCCGCTGCCTTC and GTCCTCTTCGCATCTTTATCAG, followed by digestion with Sau96I. The wild-type ego-1 gene contains a Sau96I site within its PCR region, while the PA-tagged ego-1 does not. This strain was used for immunofluorescence analysis of EGO-1. Reference: Tabara H, et al. (2023) A small RNA system ensures accurate homologous pairing and unpaired silencing of meiotic chromosomes. EMBO J, e105002.

Affected Gene: WBGene00001214(ego-1)

Genomic Alteration: WBGene00001214(ego-1)

Catalog Number: WB-STRAIN:WBStrain00055737

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: ego-1(fj114[PA::ego-1]) I.

Record Creation Time: 20240716T202613+0000

Record Last Update: 20260815T163850+0000

Ratings and Alerts

No rating or validation information has been found for ego-1(fj114[PA::ego-1]) l..

No alerts have been found for ego-1(fj114[PA::ego-1]) l..

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.