

# Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

## pCFJ910

RRID:Addgene\_44481

Type: Plasmid

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### Proper Citation

RRID:Addgene\_44481

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### Plasmid Information

**URL:** <http://www.addgene.org/44481>

**Proper Citation:** RRID:Addgene\_44481

**Insert Name:** Minimal Mos1, NeoR, MCS

**Organism:** Drosophila melanogaster

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:24820376](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:2305; Vector Backbone:pDEST4-R3; Vector Types:Multiple cloning site vector; Bacterial Resistance:Ampicillin

**Plasmid Name:** pCFJ910

**Record Creation Time:** 20220422T222230+0000

**Record Last Update:** 20260808T081708+0000

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### Ratings and Alerts

No rating or validation information has been found for pCFJ910.

No alerts have been found for pCFJ910.

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### Data and Source Information

**Source:** [Addgene](#)

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### Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Donato A, et al. (2025) OSP-1 protects neurons from autophagic cell death induced by acute oxidative stress. *Nature communications*, 16(1), 300.

Swords S, et al. (2023) A Conserved Requirement for RME-8/DNAJC13 in Neuronal Autolysosome Reformation. *bioRxiv* : the preprint server for biology.

Townley R, et al. (2023) The E3/E4 ubiquitin ligase UFD-2 suppresses normal and oncogenic signaling mediated by a Raf ortholog in *Caenorhabditis elegans*. *Science signaling*, 16(800), eabq4355.

Jaskolowski M, et al. (2023) Molecular basis of the TRAP complex function in ER protein biogenesis. *Nature structural & molecular biology*, 30(6), 770.

Peng JY, et al. (2023) Early pheromone perception remodels neurodevelopment and accelerates neurodegeneration in adult *C. elegans*. *Cell reports*, 42(6), 112598.

Haruta N, et al. (2023) A germline-specific role for unconventional components of the  $\gamma$ -tubulin complex in *Caenorhabditis elegans*. *Journal of cell science*, 136(13).

Oomura S, et al. (2022) Transgenesis of the gonochoristic nematode *Caenorhabditis inopinata* by microparticle bombardment with hygromycin B selection. *microPublication biology*, 2022.

Qian KY, et al. (2021) Male pheromones modulate synaptic transmission at the *C. elegans* neuromuscular junction in a sexually dimorphic manner. *eLife*, 10.

Coakley S, et al. (2020) Epidermal control of axonal attachment via  $\gamma$ -spectrin and the GTPase-activating protein TBC-10 prevents axonal degeneration. *Nature communications*, 11(1), 133.

Gamerding M, et al. (2019) Early Scanning of Nascent Polypeptides inside the Ribosomal Tunnel by NAC. *Molecular cell*, 75(5), 996.

Obinata H, et al. (2018) Streptothricin acetyl transferase 2 (Sat2): A dominant selection marker for *Caenorhabditis elegans* genome editing. *PloS one*, 13(5), e0197128.

Tikiyani V, et al. (2018) Wnt Secretion Is Regulated by the Tetraspan Protein HIC-1 through Its Interaction with Neurabin/NAB-1. *Cell reports*, 25(7), 1856.

Underwood RS, et al. (2017) Integration of EGFR and LIN-12/Notch Signaling by LIN-1/Elk1, the Cdk8 Kinase Module, and SUR-2/Med23 in Vulval Precursor Cell Fate Patterning in *Caenorhabditis elegans*. *Genetics*, 207(4), 1473.

Xu Y, et al. (2015) SYD-1C, UNC-40 (DCC) and SAX-3 (Robo) function interdependently to promote axon guidance by regulating the MIG-2 GTPase. *PLoS genetics*, 11(4), e1005185.