

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

pGH8 - pRAB-3::mCherry::unc-54utr

RRID:Addgene_19359

Type: Plasmid

Proper Citation

RRID:Addgene_19359

Plasmid Information

URL: <http://www.addgene.org/19359>

Proper Citation: RRID:Addgene_19359

Insert Name: Prab-3::mCherry

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18953339](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2432; Vector Backbone:pDESTR4-R3; Vector Types:Worm Expression; Bacterial Resistance:Ampicillin

Comments: Coinjection marker. mCherry expression in the nervous system.

Plasmid Name: pGH8 - pRAB-3::mCherry::unc-54utr

Record Creation Time: 20220422T222045+0000

Record Last Update: 20260815T081144+0000

Ratings and Alerts

No rating or validation information has been found for pGH8 - pRAB-3::mCherry::unc-54utr.

No alerts have been found for pGH8 - pRAB-3::mCherry::unc-54utr.

Data and Source Information

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Boström AH, et al. (2026) Auxin-inducible degradation of UNC-116 in *C. elegans* inhibits bidirectional dense core vesicle transport and worm locomotion on different timescales. *Journal of cell science*, 139(6).

van Schendel R, et al. (2026) TONSL suppresses polymerase theta-dependent tandem duplications through chromatin-guided repair. *Nature communications*, 17(1).

Gao Y, et al. (2025) A dataset of expression profile of certain microRNAs in *Caenorhabditis elegans*. *Scientific data*, 12(1), 1143.

Schreier J, et al. (2025) A genetic framework for RNAi inheritance in *Caenorhabditis elegans*. *EMBO reports*, 26(16), 4072.

Kimmich MJ, et al. (2025) The Sole Essential Low Molecular Weight Tropomyosin Isoform of *Caenorhabditis elegans* Is Essential for Pharyngeal Muscle Function. *Cytoskeleton (Hoboken, N.J.)*, 82(12), 815.

Tamagawa K, et al. (2024) Evolutionary changes of noncoding elements associated with transition of sexual mode in *Caenorhabditis* nematodes. *Science advances*, 10(37), eadn9913.

Xu W, et al. (2024) A lineage-resolved cartography of microRNA promoter activity in *C. elegans* empowers multidimensional developmental analysis. *Nature communications*, 15(1), 2783.

Dobbelaere J, et al. (2023) A phylogenetic profiling approach identifies novel ciliogenesis genes in *Drosophila* and *C. elegans*. *The EMBO journal*, 42(16), e113616.

Zhang R, et al. (2023) Maternal aging increases offspring adult body size via transmission of donut-shaped mitochondria. *Cell research*, 33(11), 821.

Sala AJ, et al. (2023) Nuclear receptor signaling via NHR-49/MDT-15 regulates stress resilience and proteostasis in response to reproductive and metabolic cues. *bioRxiv : the preprint server for biology*.

Glomb O, et al. (2023) A kinesin-1 adaptor complex controls bimodal slow axonal transport of spectrin in *Caenorhabditis elegans*. *Developmental cell*, 58(19), 1847.

Sun Y, et al. (2023) An intraflagellar transport dependent negative feedback regulates the MAPKKK DLK-1 to protect cilia from degeneration. *Proceedings of the National Academy of Sciences of the United States of America*, 120(39), e2302801120.

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

Schreier J, et al. (2022) Membrane-associated cytoplasmic granules carrying the Argonaute protein WAGO-3 enable paternal epigenetic inheritance in *Caenorhabditis elegans*. *Nature cell biology*, 24(2), 217.

Nakajo M, et al. (2022) Centrosome maturation requires phosphorylation-mediated sequential domain interactions of SPD-5. *Journal of cell science*, 135(8).

Holzer E, et al. (2022) A modified TurboID approach identifies tissue-specific centriolar components in *C. elegans*. *PLoS genetics*, 18(4), e1010150.

Langridge PD, et al. (2022) Evolutionary plasticity in the requirement for force exerted by ligand endocytosis to activate *C. elegans* Notch proteins. *Current biology : CB*, 32(10), 2263.

Arena AF, et al. (2022) A metazoan-specific C-terminal motif in EXC-4 and G α -Rho/Rac signaling regulate cell outgrowth during tubulogenesis in *C. elegans*. *Development (Cambridge, England)*, 149(24).

Abrams J, et al. (2021) A polarity pathway for exocyst-dependent intracellular tube extension. *eLife*, 10.

Lee IH, et al. (2021) Stress-Induced Neural Plasticity Mediated by Glial GPCR REMO-1 Promotes *C. elegans* Adaptive Behavior. *Cell reports*, 34(2), 108607.