

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pJA58

RRID:Addgene_59933

Type: Plasmid

Proper Citation

RRID:Addgene_59933

Plasmid Information

URL: <http://www.addgene.org/59933>

Proper Citation: RRID:Addgene_59933

Insert Name: dpy-10(cn64) gRNA

Organism: Caenorhabditis elegans

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:25161212](#)

Vector Backbone Description: Vector Backbone:pRB1017; Vector Types:CRISPR;
Bacterial Resistance:Kanamycin

Plasmid Name: pJA58

Record Creation Time: 20220422T222345+0000

Record Last Update: 20260815T081727+0000

Ratings and Alerts

No rating or validation information has been found for pJA58.

No alerts have been found for pJA58.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Goetsch PD, et al. (2022) DREAM interrupted: severing LIN-35-MuvB association in *Caenorhabditis elegans* impairs DREAM function but not its chromatin localization. *Genetics*, 221(3).

Singh R, et al. (2021) Reduction of Derlin activity suppresses Notch-dependent tumours in the *C. elegans* germ line. *PLoS genetics*, 17(9), e1009687.

Nguyen DAH, et al. (2021) Arginine methylation promotes siRNA-binding specificity for a spermatogenesis-specific isoform of the Argonaute protein CSR-1. *Nature communications*, 12(1), 4212.

Sobral AF, et al. (2021) Plastin and spectrin cooperate to stabilize the actomyosin cortex during cytokinesis. *Current biology : CB*, 31(24), 5415.

Chiba K, et al. (2019) Disease-associated mutations hyperactivate KIF1A motility and anterograde axonal transport of synaptic vesicle precursors. *Proceedings of the National Academy of Sciences of the United States of America*, 116(37), 18429.

Cui M, et al. (2019) A Model of Hereditary Sensory and Autonomic Neuropathy Type 1 Reveals a Role of Glycosphingolipids in Neuronal Polarity. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(29), 5816.

Han B, et al. (2018) Polo-like Kinase Couples Cytoplasmic Protein Gradients in the *C. elegans* Zygote. *Current biology : CB*, 28(1), 60.

Niwa S, et al. (2017) BORC Regulates the Axonal Transport of Synaptic Vesicle Precursors by Activating ARL-8. *Current biology : CB*, 27(17), 2569.