

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

pJJR50

RRID:Addgene_75026

Type: Plasmid

Proper Citation

RRID:Addgene_75026

Plasmid Information

URL: <http://www.addgene.org/75026>

Proper Citation: RRID:Addgene_75026

Insert Name: guide RNA, flipped and extended version

Organism: Caenorhabditis elegans

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27506200](#)

Vector Backbone Description: Backbone Marker:Stratagene; Vector Backbone:pBluescript; Vector Types:CRISPR; Bacterial Resistance:Ampicillin

Comments: This vector is for cloning an sgRNA. Sequence is inserted as an annealed oligonucleotide linker into vector digested with BbsI.

Plasmid Name: pJJR50

Record Creation Time: 20220422T222456+0000

Record Last Update: 20260808T082128+0000

Ratings and Alerts

No rating or validation information has been found for pJJR50.

No alerts have been found for pJJR50.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Jarosińska OD, et al. (2026) LGL-1 and the RhoGAP protein PAC-1 redundantly polarize the *C. elegans* embryonic epidermis. bioRxiv : the preprint server for biology.

Castiglioni VG, et al. (2024) Story of an infection: Viral dynamics and host responses in the *Caenorhabditis elegans*-Orsay virus pathosystem. Science advances, 10(39), eadn5945.

Matúš D, et al. (2024) The N terminus-only (trans) function of the adhesion G protein-coupled receptor latrophilin-1 controls multiple processes in reproduction of *Caenorhabditis elegans*. G3 (Bethesda, Md.), 14(11).

van Schendel R, et al. (2021) Preservation of lagging strand integrity at sites of stalled replication by Pol γ -primase and 9-1-1 complex. Science advances, 7(21).

Riga A, et al. (2021) *Caenorhabditis elegans* LET-413 Scribble is essential in the epidermis for growth, viability, and directional outgrowth of epithelial seam cells. PLoS genetics, 17(10), e1009856.

Vind AC, et al. (2020) ZAK γ Recognizes Stalled Ribosomes through Partially Redundant Sensor Domains. Molecular cell, 78(4), 700.

Kelley CA, et al. (2020) Redox signaling modulates Rho activity and tissue contractility in the *Caenorhabditis elegans* spermatheca. Molecular biology of the cell, 31(14), 1486.

Castiglioni VG, et al. (2020) Epidermal PAR-6 and PKC-3 are essential for larval development of *C. elegans* and organize non-centrosomal microtubules. eLife, 9.

Kolundzic E, et al. (2018) FACT Sets a Barrier for Cell Fate Reprogramming in *Caenorhabditis elegans* and Human Cells. Developmental cell, 46(5), 611.

Amendola PG, et al. (2017) JMJD-5/KDM8 regulates H3K36me2 and is required for late steps of homologous recombination and genome integrity. PLoS genetics, 13(2), e1006632.