

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

pDD104 (Peft-3::Cre)

RRID:Addgene_47551

Type: Plasmid

Proper Citation

RRID:Addgene_47551

Plasmid Information

URL: <http://www.addgene.org/47551>

Proper Citation: RRID:Addgene_47551

Insert Name: Cre Recombinase

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23995389](#)

Vector Backbone Description: Backbone Size:9539; Vector Backbone:pCFJ212; Vector Types:Worm Expression, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: For more information on Goldstein Lab CRISPR Plasmids please refer to: <http://www.addgene.org/crispr/Goldstein/> Please note: eft-3 has officially been changed to eef-1A.1 Please see the eef-1A.1 WormBase entry for details: http://www.wormbase.org/species/c_elegans/gene/WBGene00001168#05-9g-3

Plasmid Name: pDD104 (Peft-3::Cre)

Record Creation Time: 20220422T222245+0000

Record Last Update: 20260905T075713+0000

Ratings and Alerts

No rating or validation information has been found for pDD104 (Peft-3::Cre).

No alerts have been found for pDD104 (Peft-3::Cre).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Park S, et al. (2024) Dopey-dependent regulation of extracellular vesicles maintains neuronal morphology. *bioRxiv : the preprint server for biology*.

Park S, et al. (2024) Dopey-dependent regulation of extracellular vesicles maintains neuronal morphology. *Current biology : CB*, 34(21), 4920.

Kurashina M, et al. (2023) Targeting endogenous proteins for spatial and temporal knockdown using auxin-inducible degron in *Caenorhabditis elegans*. *STAR protocols*, 4(1), 102028.

Marom R, et al. (2023) Dominant negative variants in KIF5B cause osteogenesis imperfecta via down regulation of mTOR signaling. *PLoS genetics*, 19(11), e1011005.

Hendi A, et al. (2022) Channel-independent function of UNC-9/Innexin in spatial arrangement of GABAergic synapses in *C. elegans*. *eLife*, 11.

Negishi T, et al. (2022) The auxin-inducible degron 2 (AID2) system enables controlled protein knockdown during embryogenesis and development in *Caenorhabditis elegans*. *Genetics*, 220(2).

Moseley-Aldredge M, et al. (2022) A role for the Erk MAPK pathway in modulating SAX-7/L1CAM-dependent locomotion in *Caenorhabditis elegans*. *Genetics*, 220(2).

Kurashina M, et al. (2021) Sustained expression of unc-4 homeobox gene and unc-37/Groucho in postmitotic neurons specifies the spatial organization of the cholinergic synapses in *C. elegans*. *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.

Hsu TY, et al. (2021) *C. elegans* orthologs MUT-7/CeWRN-1 of Werner syndrome protein regulate neuronal plasticity. *eLife*, 10.

Manage KI, et al. (2020) A tudor domain protein, SIMR-1, promotes siRNA production at piRNA-targeted mRNAs in *C. elegans*. *eLife*, 9.

Lu M, et al. (2019) Gradient-independent Wnt signaling instructs asymmetric neurite pruning in *C. elegans*. *eLife*, 8.

Uebel CJ, et al. (2018) Distinct regions of the intrinsically disordered protein MUT-16 mediate assembly of a small RNA amplification complex and promote phase separation of Mutator foci. *PLoS genetics*, 14(7), e1007542.

Schwartz ML, et al. (2016) SapTrap, a Toolkit for High-Throughput CRISPR/Cas9 Gene Modification in *Caenorhabditis elegans*. *Genetics*, 202(4), 1277.

Huelgas-Morales G, et al. (2016) The Stress Granule RNA-Binding Protein TIAR-1 Protects Female Germ Cells from Heat Shock in *Caenorhabditis elegans*. *G3* (Bethesda, Md.), 6(4), 1031.

Bone CR, et al. (2016) Nuclei migrate through constricted spaces using microtubule motors and actin networks in *C. elegans* hypodermal cells. *Development* (Cambridge, England), 143(22), 4193.

Calarco JA, et al. (2015) Creating Genome Modifications in *C. elegans* Using the CRISPR/Cas9 System. *Methods in molecular biology* (Clifton, N.J.), 1327, 59.