Resource Summary Report

Generated by dkNET on Aug 20, 2026

pCFD5

RRID:Addgene_73914
Type: Plasmid

Proper Citation

RRID:Addgene_73914

Plasmid Information

URL: http://www.addgene.org/73914

Proper Citation: RRID:Addgene_73914

Insert Name: dU6-3:tRNA:gRNA:tRNA:gRNA

Organism: Drosophila melanogaster

Bacterial Resistance: Ampicillin

Defining Citation: PMID:27595403

Vector Backbone Description: Backbone Marker:Norbert Perrimon, Jian-Quan Ni, Harvard; Vector Backbone:pValium22; Vector Types:Insect Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: Please acknowledge Fillip Port and Simon Bullock when publishing work derived from use of this plasmid. Visit crisprflydesign.org for more information.

Plasmid Name: pCFD5

Record Creation Time: 20220422T222452+0000

Record Last Update: 20260815T081933+0000

Ratings and Alerts

No rating or validation information has been found for pCFD5.

No alerts have been found for pCFD5.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 73 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Wessel EM, et al. (2026) Glycolysis is intrinsically required in the follicle stem cell lineage but not in female germline stem cells or their early progeny in Drosophila melanogaster. Genetics, 232(3).

Hailstock T, et al. (2026) Orb2 RNA-binding activity promotes neural stem cell development and brain growth in Drosophila larvae. Cell reports, 45(7), 117680.

Tournière O, et al. (2026) X chromosome dosage in respiratory stem cells is critical for post-embryonic development and survival. Current biology : CB, 36(2), 387.

Takenaka R, et al. (2026) The Drosophila maternal-effect gene abnormal oocyte (ao) does not repress histone gene expression. Genetics, 232(4).

Bosveld F, et al. (2026) Tissue mechanics and systemic signaling safeguard epithelial tissue against spindle misorientation. Developmental cell, 61(4), 854.

Ohsako T, et al. (2026) Acrosomal protein NEP4 is required for sperm retention in, but not entry into, the female seminal receptacle in Drosophila melanogaster. Genetics, 232(3).

Pollington HQ, et al. (2026) Castor specifies NB5-2 late-born interneuron molecular identity and premotor connectivity. Developmental biology, 535, 30.

Zmojdzian M, et al. (2026) Drosophila ryanodine receptor gene triggers functional and developmental muscle properties and could be used to assess the impact of human RYR1 mutations. eLife, 15.

Anderson NLQ, et al. (2026) Vnd and En are expressed in orthogonal stripes and act in a brief competence window to combinatorially specify NB7-1 and its early lineage. Developmental biology, 532, 73.

Voelzmann A, et al. (2025) GSK-3? coordinates axonal microtubule organisation through Shot and Tau. bioRxiv : the preprint server for biology.

Dürr BR, et al. (2025) Olfactory projection neuron rewiring in the brain of an ecological specialist. Cell reports, 44(5), 115615.

Akbergenova Y, et al. (2025) Active Zone Maturation Controls Presynaptic Output and Release Mode and Is Regulated by Neuronal Activity. The Journal of neuroscience : the official journal of the Society for Neuroscience, 45(48).

Anderson N, et al. (2025) Vnd and En are expressed in orthogonal stripes and act in a brief competence window to combinatorially specify NB7-1 and its early lineage. bioRxiv : the preprint server for biology.

Nagy A, et al. (2025) Interactions of N- and C-terminal parts of Ana1 permitting centriole duplication but not elongation. Open biology, 15(2), 240325.

Dunipace L, et al. (2025) The proximal enhancer of the snail gene mediates negative autoregulatory feedback in Drosophila melanogaster. Genetics, 230(2).

Pissarek H, et al. (2025) Formin 3 stabilizes the cytoskeleton of Drosophila tendon cells, thus enabling them to resist muscle tensile forces. Journal of cell science, 138(7).

Dominik N, et al. (2025) Biallelic variants in ARHGAP19 cause a progressive inherited motor-predominant neuropathy. The Journal of clinical investigation, 135(23).

Binder AM, et al. (2025) Nuclear lamina structure and meiotic chromosome segregation have different requirements for dTopors-mediated ubiquitination in male Drosophila melanogaster. Genetics, 231(4).

Soltani S, et al. (2025) New molecular components of high and low affinity iron import systems in Drosophila. Nature communications, 16(1), 5662.

Alizada A, et al. (2025) The transcription factor Traffic jam orchestrates the somatic piRNA pathway in Drosophila ovaries. Cell reports, 44(4), 115453.