Resource Summary Report

Generated by dkNET on Jul 31, 2026

pCLBW cox8 EGFP mCherry

RRID:Addgene_78520
Type: Plasmid

Proper Citation

RRID:Addgene_78520

Plasmid Information

URL: http://www.addgene.org/78520

Proper Citation: RRID:Addgene_78520

Insert Name: none

Bacterial Resistance: Ampicillin

Defining Citation: PMID:27852436

Vector Backbone Description: Vector Backbone:pCLBW; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pCLBW cox8 EGFP mCherry

Record Creation Time: 20220422T222517+0000

Record Last Update: 20260725T075207+0000

Ratings and Alerts

No rating or validation information has been found for pCLBW cox8 EGFP mCherry.

No alerts have been found for pCLBW cox8 EGFP mCherry.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Ritacco DA, et al. (2025) The antibacterial factor APOL3 couples lysosomal damage to mitochondrial DNA efflux and type I IFN induction. bioRxiv : the preprint server for biology.

Liu R, et al. (2025) Harmine promotes axon regeneration through enhancing glucose metabolism. The Journal of biological chemistry, 301(3), 108254.

Akhtar A, et al. (2025) Bioengineering the metabolic network of CAR T cells with GLP-1 and Urolithin A increases persistence and long-term anti-tumor activity. Cell reports. Medicine, 6(3), 102021.

Wong HC, et al. (2024) ALS-Linked VapB P56S Mutation Alters Neuronal Mitochondrial Turnover at the Synapse. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(35).

Read TA, et al. (2024) The actin binding protein profilin 1 localizes inside mitochondria and is critical for their function. EMBO reports, 25(8), 3240.

Chen B, et al. (2023) PTEN-induced kinase PINK1 supports colorectal cancer growth by regulating the labile iron pool. The Journal of biological chemistry, 299(5), 104691.

Lenz LS, et al. (2023) Mitochondrial response of glioma cells to temozolomide. Experimental cell research, 433(2), 113825.

Read TA, et al. (2023) The actin binding protein profilin 1 is critical for mitochondria function. bioRxiv : the preprint server for biology.

Chen X, et al. (2023) Impaired mitophagosome-lysosome fusion mediates olanzapine-induced aging. Aging cell, 22(11), e14003.

Echavarria-Consuegra L, et al. (2023) Mitochondrial protein BNIP3 regulates Chikungunya virus replication in the early stages of infection. PLoS neglected tropical diseases, 17(11), e0010751.

Zheng X, et al. (2023) PHB2 Alleviates Neurotoxicity of Prion Peptide PrP106-126 via PINK1/Parkin-Dependent Mitophagy. International journal of molecular sciences, 24(21).

Yazdankhah M, et al. (2023) Mitophagy in Astrocytes Is Required for the Health of Optic Nerve. Cells, 12(20).

Srivastava V, et al. (2023) Distinct designer diamines promote mitophagy, and thereby enhance healthspan in C. elegans and protect human cells against oxidative damage. Autophagy, 19(2), 474.

Dongol A, et al. (2023) Quinolinic acid impairs mitophagy promoting microglia senescence and poor healthspan in C. elegans: a mechanism of impaired aging process. Biology direct, 18(1), 86.

Socodato R, et al. (2023) RhoA balances microglial reactivity and survival during neuroinflammation. Cell death & disease, 14(10), 690.

Li C, et al. (2022) PACS-2 Ameliorates Tubular Injury by Facilitating Endoplasmic Reticulum-Mitochondria Contact and Mitophagy in Diabetic Nephropathy. Diabetes, 71(5), 1034.

Doke T, et al. (2021) Genome-wide association studies identify the role of caspase-9 in kidney disease. Science advances, 7(45), eabi8051.

Wang Y, et al. (2021) The PINK1/PARK2/optineurin pathway of mitophagy is activated for protection in septic acute kidney injury. Redox biology, 38, 101767.

Yin K, et al. (2021) Mitophagy protein PINK1 suppresses colon tumor growth by metabolic reprogramming via p53 activation and reducing acetyl-CoA production. Cell death and differentiation, 28(8), 2421.

Kato M, et al. (2021) miR-379 deletion ameliorates features of diabetic kidney disease by enhancing adaptive mitophagy via FIS1. Communications biology, 4(1), 30.