Resource Summary Report

Generated by dkNET on Aug 19, 2026

pclbw-mitoCFP

RRID:Addgene_58426
Type: Plasmid

Proper Citation

RRID:Addgene_58426

Plasmid Information

URL: http://www.addgene.org/58426

Proper Citation: RRID:Addgene_58426

Insert Name: mito-CFP

Bacterial Resistance: Ampicillin

Defining Citation: PMID:24703695

Vector Backbone Description: Backbone Marker:gifted by C. Lois and D. Baltimore; Vector Backbone:pclbw; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pclbw-mitoCFP

Record Creation Time: 20220422T222338+0000

Record Last Update: 20260815T081716+0000

Ratings and Alerts

No rating or validation information has been found for pclbw-mitoCFP.

No alerts have been found for pclbw-mitoCFP.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Przanowski P, et al. (2023) ANKLE1 cleaves mitochondrial DNA and contributes to cancer risk by promoting apoptosis resistance and metabolic dysregulation. Communications biology, 6(1), 231.

Hoppins S, et al. (2020) In vitro and in vivo assays for mitochondrial fission and fusion. Methods in cell biology, 155, 491.

Samanas NB, et al. (2020) Defective nucleotide-dependent assembly and membrane fusion in Mfn2 CMT2A variants improved by Bax. Life science alliance, 3(5).

Samanas NB, et al. (2020) Cell-Free Analysis of Mitochondrial Fusion by Fluorescence Microscopy. Methods in molecular biology (Clifton, N.J.), 2159, 129.

Engelhart EA, et al. (2019) A catalytic domain variant of mitofusin requiring a wildtype paralog for function uncouples mitochondrial outer-membrane tethering and fusion. The Journal of biological chemistry, 294(20), 8001.

Sloat SR, et al. (2019) Identification of a mitofusin specificity region that confers unique activities to Mfn1 and Mfn2. Molecular biology of the cell, 30(17), 2309.