

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

pcDNA3-CFP

RRID:Addgene_13030

Type: Plasmid

Proper Citation

RRID:Addgene_13030

Plasmid Information

URL: <http://www.addgene.org/13030>

Proper Citation: RRID:Addgene_13030

Insert Name: cyan fluorescent protein

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5446;
Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial
Resistance:Ampicillin

Comments: The primer for sequencing out the 5' end of the GFP based constructs
(GFP/EGFP, CFP, YFP) is 5'- GTCTTGTAGTTGCCGTCGTC -3'

Plasmid Name: pcDNA3-CFP

Record Creation Time: 20220422T221725+0000

Record Last Update: 20260808T080740+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-CFP.

No alerts have been found for pcDNA3-CFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Chen C, et al. (2025) G protein-coupled receptor GPR182 negatively regulates sprouting angiogenesis via modulating CXCL12-CXCR4 axis signaling. *Angiogenesis*, 28(3), 25.

Mai Z, et al. (2023) Bad is essential for Bcl-xL-enhanced Bax shuttling between mitochondria and cytosol. *The international journal of biochemistry & cell biology*, 155, 106359.

Araveti PB, et al. (2023) Identification of a Novel Interaction between Theileria Prohibitin (TaPHB-1) and Bovine RuvB-Like AAA ATPase 1. *Microbiology spectrum*, 11(1), e0250222.

Wu MY, et al. (2021) PI3KC3 complex subunit NRBF2 is required for apoptotic cell clearance to restrict intestinal inflammation. *Autophagy*, 17(5), 1096.

Zhou ZW, et al. (2020) KRASQ61H Preferentially Signals through MAPK in a RAF Dimer-Dependent Manner in Non-Small Cell Lung Cancer. *Cancer research*, 80(17), 3719.

Du M, et al. (2020) Mitofusin 2 but not mitofusin 1 mediates Bcl-XL-induced mitochondrial aggregation. *Journal of cell science*, 133(20).

Ma Y, et al. (2019) Quantifying the inhibitory effect of Bcl-xl on the action of Mff using live-cell fluorescence imaging. *FEBS open bio*, 9(12), 2041.

Nakamura Y, et al. (2019) Cocaine-induced endocannabinoid signaling mediated by sigma-1 receptors and extracellular vesicle secretion. *eLife*, 8.

Wang B, et al. (2019) BCL-XL directly retrotranslocates the monomeric BAK. *Cellular signalling*, 61, 1.

Roelse M, et al. (2018) Calcium Imaging of GPCR Activation Using Arrays of Reverse Transfected HEK293 Cells in a Microfluidic System. *Sensors (Basel, Switzerland)*, 18(2).

Ambrogio C, et al. (2018) KRAS Dimerization Impacts MEK Inhibitor Sensitivity and Oncogenic Activity of Mutant KRAS. *Cell*, 172(4), 857.

Hochberg H, et al. (2017) Measuring transcription dynamics in living cells using a photobleaching approach. *Methods (San Diego, Calif.)*, 120, 58.

Kinsella S, et al. (2016) Bid Promotes K63-Linked Polyubiquitination of Tumor Necrosis Factor Receptor Associated Factor 6 (TRAF6) and Sensitizes to Mutant SOD1-Induced Proinflammatory Signaling in Microglia. *eNeuro*, 3(2).

Henquet MGL, et al. (2016) Metabolomics meets functional assays: coupling LC-MS and microfluidic cell-based receptor-ligand analyses. *Metabolomics : Official journal of the Metabolomic Society*, 12, 115.

Fidalgo da Silva E, et al. (2016) Derivation of a novel G2 reporter system. *Cytotechnology*, 68(1), 19.

Neufeld N, et al. (2014) Quantifying the ratio of spliceosome components assembled on pre-mRNA. *Methods in molecular biology* (Clifton, N.J.), 1126, 257.

Leslie KL, et al. (2013) Ezrin-radixin-moesin-binding phosphoprotein 50 (EBP50) and nuclear factor- κ B (NF- κ B): a feed-forward loop for systemic and vascular inflammation. *The Journal of biological chemistry*, 288(51), 36426.

Roelse M, et al. (2013) A generic microfluidic biosensor of G protein-coupled receptor activation-monitoring cytoplasmic $[Ca^{2+}]$ changes in human HEK293 cells. *Biosensors & bioelectronics*, 47, 436.