

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 2, 2025

pcDNA3-YFP

RRID:Addgene_13033

Type: Plasmid

Proper Citation

RRID:Addgene_13033

Plasmid Information

URL: <http://www.addgene.org/13033>

Proper Citation: RRID:Addgene_13033

Insert Name: Yellow fluorescent protein

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:](#)

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-YFP

Record Creation Time: 20220422T221725+0000

Record Last Update: 20230915T080333+0000

Ratings and Alerts

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

No alerts have been found for pcDNA3-YFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Zhang L, et al. (2024) CRL4B E3 ligase recruited by PRPF19 inhibits SARS-CoV-2 infection by targeting ORF6 for ubiquitin-dependent degradation. *mBio*, 15(2), e0307123.

Tillman TS, et al. (2023) SARS-CoV-2 Spike Protein Downregulates Cell Surface α 7nAChR through a Helical Motif in the Spike Neck. *ACS chemical neuroscience*, 14(4), 689.

Li J, et al. (2022) APE1 assembles biomolecular condensates to promote the ATR-Chk1 DNA damage response in nucleolus. *Nucleic acids research*, 50(18), 10503.

Hossain MA, et al. (2021) APE2 Is a General Regulator of the ATR-Chk1 DNA Damage Response Pathway to Maintain Genome Integrity in Pancreatic Cancer Cells. *Frontiers in cell and developmental biology*, 9, 738502.

Buonarati OR, et al. (2021) Conserved and divergent features of neuronal CaMKII holoenzyme structure, function, and high-order assembly. *Cell reports*, 37(13), 110168.

Zou L, et al. (2021) The Protocatechuate 3,4-Dioxygenase Solubility (PCDS) Tag Enhances the Expression and Solubility of Heterogenous Proteins in *Escherichia coli*. *Frontiers in microbiology*, 12, 779541.

Lin Y, et al. (2020) APE1 senses DNA single-strand breaks for repair and signaling. *Nucleic acids research*, 48(4), 1925.

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

Nguyen TKM, et al. (2019) The NT11, a novel fusion tag for enhancing protein expression in *Escherichia coli*. *Applied microbiology and biotechnology*, 103(5), 2205.

Alvarado AG, et al. (2017) Glioblastoma Cancer Stem Cells Evade Innate Immune Suppression of Self-Renewal through Reduced TLR4 Expression. *Cell stem cell*, 20(4), 450.