Resource Summary Report

Generated by NIF on Sep 10, 2026

pcDNA3 mCherry LIC cloning vector (6B)

RRID:Addgene_30125
Type: Plasmid

Proper Citation

RRID:Addgene_30125

Plasmid Information

URL: http://www.addgene.org/30125

Proper Citation: RRID:Addgene_30125

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:6136; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: This is an empty LIC vector derived from pcDNA3. It adds an mCherry gene to the C-terminus of your protein of interest. mCherry has a excitation max of 587 nm and an emission max of 610 nm. To clone into this vector, add the following tags to your PCR primers: LIC vKoz Forward tag 5'-TACTTCCAATCCAATGCCACC(ATG) LIC vGFP Reverse tag 5'-CTCCCACTACCAATGCC Do NOT include a stop codon with your reverse primer. T4-treat PCR with dCTP. Linearize vector with SspI, then T4-treat with dGTP. Can verify the presence of insert by digesting with HindIII and XbaI. For more information, please see our website: http://qb3.berkeley.edu/qb3/macrolab/

Plasmid Name: pcDNA3 mCherry LIC cloning vector (6B)

Record Creation Time: 20220422T222132+0000

Record Last Update: 20260905T075456+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3 mCherry LIC cloning vector (6B).

No alerts have been found for pcDNA3 mCherry LIC cloning vector (6B).

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Wang L, et al. (2026) DUSP22 dephosphorylates LGALS1 to enhance T cell-driven antitumor immunity. Journal for immunotherapy of cancer, 14(1).

Kim H, et al. (2026) Myelin antigen capture in the CNS by B cells expressing EBV latent membrane protein 1 leads to demyelinating lesion formation. Cell.

Ibargüen-González L, et al. (2025) Host factor PLAC8 is required for pancreas infection by SARS-CoV-2. Communications medicine, 5(1), 34.

Michita RT, et al. (2025) Zika virus NS1 drives tunneling nanotube formation for mitochondrial transfer and stealth transmission in trophoblasts. Nature communications, 16(1), 1803.

Thamkachy R, et al. (2024) Structural basis for Mis18 complex assembly and its implications for centromere maintenance. EMBO reports, 25(8), 3348.

Sorenson AE, et al. (2023) Real-Time Temperature Sensing Using a Ratiometric Dual Fluorescent Protein Biosensor. Biosensors, 13(3).

Keyes-Scott NI, et al. (2022) The Peptide Hormone CNMa Influences Egg Production in the Mosquito Aedes aegypti. Insects, 13(3).

Olmos-Carreño CL, et al. (2022) Cell Fate of Retinal Progenitor Cells: In Ovo UbC-StarTrack Analysis. International journal of molecular sciences, 23(20).

Callegari I, et al. (2022) Potent neutralization by monoclonal human IgM against SARS-CoV-2 is impaired by class switch. EMBO reports, 23(7), e53956.

Torrens-Mas M, et al. (2022) GDF15 and ACE2 stratify COVID-19 patients according to severity while ACE2 mutations increase infection susceptibility. Frontiers in cellular and infection microbiology, 12, 942951.

Ghosh S, et al. (2021) ?A1-crystallin regulates glucose metabolism and mitochondrial function in mouse retinal astrocytes by modulating PTP1B activity. Communications biology, 4(1), 248.

Rocco DA, et al. (2020) Expression Profiling, Downstream Signaling, and Inter-subunit Interactions of GPA2/GPB5 in the Adult Mosquito Aedes aegypti. Frontiers in endocrinology, 11, 158.

Espino-Saldaña AE, et al. (2020) Temporal and spatial expression of zebrafish mctp genes and evaluation of frameshift alleles of mctp2b. Gene, 738, 144371.

Maneshi MM, et al. (2020) Orai1 Channels Are Essential for Amplification of Glutamate-Evoked Ca2+ Signals in Dendritic Spines to Regulate Working and Associative Memory. Cell reports, 33(9), 108464.

Oz-Levi D, et al. (2019) Noncoding deletions reveal a gene that is critical for intestinal function. Nature, 571(7763), 107.

Zimmermann M, et al. (2019) Antigen Extraction and B Cell Activation Enable Identification of Rare Membrane Antigen Specific Human B Cells. Frontiers in immunology, 10, 829.

Stanczyk PJ, et al. (2018) Association of cardiac myosin-binding protein-C with the ryanodine receptor channel - putative retrograde regulation? Journal of cell science, 131(15).

Haslinger D, et al. (2018) Loss of the Chr16p11.2 ASD candidate gene QPRT leads to aberrant neuronal differentiation in the SH-SY5Y neuronal cell model. Molecular autism, 9, 56.

Spiller F, et al. (2017) Molecular basis for Cdk1-regulated timing of Mis18 complex assembly and CENP-A deposition. EMBO reports, 18(6), 894.

Hein LK, et al. (2017) A novel fluorescent probe reveals starvation controls the commitment of amyloid precursor protein to the lysosome. Biochimica et biophysica acta. Molecular cell research, 1864(10), 1554.