

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

[pcDNA3.1_sfCherry2\(1-10\)](#)

RRID:Addgene_82602

Type: Plasmid

Proper Citation

RRID:Addgene_82602

Plasmid Information

URL: <http://www.addgene.org/82602>

Proper Citation: RRID:Addgene_82602

Insert Name: sfCherry2(1-10)

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28851864](#)

Vector Backbone Description: Backbone Size:5500; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.1_sfCherry2(1-10)

Relevant Mutation: changed Glu 118 to Gln, changed Thr 128 to Ile

Record Creation Time: 20220422T222536+0000

Record Last Update: 20260902T050320+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1_sfCherry2(1-10).

No alerts have been found for pcDNA3.1_sfCherry2(1-10).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Zhao Y, et al. (2026) The nanoscale mobility of calcium channels is driven by readily releasable synaptic vesicles to support precise neurotransmission in live *C. elegans*. bioRxiv : the preprint server for biology.

Ruan K, et al. (2026) MicroRNA-Mediated Obstruction of Stem-loop Alternative Splicing (MIMOSAS) regulates long-range alternative splicing in *Drosophila*. Nucleic acids research, 54(7).

Lee S, et al. (2023) A membrane-sensing mechanism links lipid metabolism to protein degradation at the nuclear envelope. The Journal of cell biology, 222(9).