

Resource Summary Report

Generated by [RRID](#) on Sep 3, 2026

pNCS mCherry

RRID:Addgene_91769

Type: Plasmid

Proper Citation

RRID:Addgene_91769

Plasmid Information

URL: <http://www.addgene.org/91769>

Proper Citation: RRID:Addgene_91769

Insert Name: monomeric Cherry

Organism: Discosoma sp. (mushroom coral)

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15558047](#)

Vector Backbone Description: Backbone Marker:Life Technologies; Backbone Size:2900; Vector Backbone:modified pRSETB; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: These plasmids are used in University Molecular Biology Laboratories and by High School students to purify fluorescent proteins and create fluorescent protein plate artwork. Addgene next-generation sequencing identified a deletion of Glutamate and Glycine residues (amino acids 73 and 74 relative to Genbank ID: 6MZ3_A). The depositing laboratory has observed expression of the chromophore in E. coli.

Plasmid Name: pNCS mCherry

Relevant Mutation: See Depositor Comments

Record Creation Time: 20220422T222621+0000

Record Last Update: 20260902T050520+0000

Ratings and Alerts

No rating or validation information has been found for pNCS mCherry.

No alerts have been found for pNCS mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Ibrahim LA, et al. (2018) Sparse Labeling and Neural Tracing in Brain Circuits by STARS Strategy: Revealing Morphological Development of Type II Spiral Ganglion Neurons. Cerebral cortex (New York, N.Y. : 1991).