

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pcDNA3 FlipGFP(Mpro) T2A mCherry

RRID:Addgene_163078

Type: Plasmid

Proper Citation

RRID:Addgene_163078

Plasmid Information

URL: <http://www.addgene.org/163078>

Proper Citation: RRID:Addgene_163078

Insert Name: FlipGFP-based Mpro activity reporter and mCherry

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34478458](https://pubmed.ncbi.nlm.nih.gov/34478458/)

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

Comments: Please visit <https://doi.org/10.1101/2020.10.28.359042> for bioRxiv preprint.

Plasmid Name: pcDNA3 FlipGFP(Mpro) T2A mCherry

Record Creation Time: 20220422T221922+0000

Record Last Update: 20260815T080908+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3 FlipGFP(Mpro) T2A mCherry.

No alerts have been found for pcDNA3 FlipGFP(Mpro) T2A mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Tanikawa T, et al. (2025) Inhibitory effect of [6]-shogaol against 3CLpro activity and SARS-CoV-2 infection. BMC complementary medicine and therapies, 25(1), 385.

Geethakumari AM, et al. (2022) A genetically encoded BRET-based SARS-CoV-2 Mpro protease activity sensor. Communications chemistry, 5(1), 117.