

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 1, 2026

pKanCMV-mClover3-18aa-Tubulin

RRID:Addgene_74253

Type: Plasmid

Proper Citation

RRID:Addgene_74253

Plasmid Information

URL: <http://www.addgene.org/74253>

Proper Citation: RRID:Addgene_74253

Insert Name: Tubulin

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:26879144](#)

Vector Backbone Description: Backbone Marker:Michael Davidson Lab; Backbone Size:3900; Vector Backbone:pKanCMV; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: The specific substitutions used in the development of mClover3 relative to its parent Clover are N149Y, G160C, and A206K.

Plasmid Name: pKanCMV-mClover3-18aa-Tubulin

Record Creation Time: 20220422T222453+0000

Record Last Update: 20260829T081011+0000

Ratings and Alerts

No rating or validation information has been found for pKanCMV-mClover3-18aa-Tubulin.

No alerts have been found for pKanCMV-mClover3-18aa-Tubulin.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

P A H, et al. (2024) Mitigation of synaptic and memory impairments via F-actin stabilization in Alzheimer's disease. *Alzheimer's research & therapy*, 16(1), 200.

Suzuki S, et al. (2022) A chemogenetic platform for controlling plasma membrane signaling and synthetic signal oscillation. *Cell chemical biology*, 29(9), 1446.

Scheffler K, et al. (2021) Two mechanisms drive pronuclear migration in mouse zygotes. *Nature communications*, 12(1), 841.

Kato Y, et al. (2020) Practical method for superresolution imaging of primary cilia and centrioles by expansion microscopy using an amplibody for fluorescence signal amplification. *Molecular biology of the cell*, 31(20), 2195.