

Resource Summary Report

Generated by [dkNET](#) on Aug 24, 2026

pGEM-mcpGFP

RRID:Addgene_47442

Type: Plasmid

Proper Citation

RRID:Addgene_47442

Plasmid Information

URL: <http://www.addgene.org/47442>

Proper Citation: RRID:Addgene_47442

Insert Name: mcpGFP

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23840931](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:3000; Vector Backbone:pGEM T-easy; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: same as Tian L, Hires SA, Mao T, Huber D, Chiappe ME, Chalasani SH, et al. 2009. Imaging neural activity in worms, flies and mice with improved GCaMP calcium indicators. Nat Methods 6:875–81. doi: 10.1038/nmeth.1398.

Plasmid Name: pGEM-mcpGFP

Relevant Mutation: M154K, V164A, S176G, D181Y, T204V, A207K, V190I

Record Creation Time: 20220422T222244+0000

Record Last Update: 20260815T081542+0000

Ratings and Alerts

No rating or validation information has been found for pGEM-mcpGFP.

No alerts have been found for pGEM-mcpGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.