

Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

pCAGGS-PIF3-mEGFP

RRID:Addgene_100283

Type: Plasmid

Proper Citation

RRID:Addgene_100283

Plasmid Information

URL: <http://www.addgene.org/100283>

Proper Citation: RRID:Addgene_100283

Insert Name: Phytochrome interacting factor 3

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29078307](#)

Vector Backbone Description: Backbone Marker:Junichi Miyazaki (Osaka University, Japan); Backbone Size:4870; Vector Backbone:pCAGGS; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Expression vector of PIF3-mEGFP in mammalian cells. Of note, the expression level of PIF3-mEGFP must be comparable or lower than that of PhyB. We usually co-transfect pCAGGS-PhyB-mCherry-HRasCT and pCAGGS-PIF3-mEGFP plasmids into HeLa cells with lipofection in a 50:1 ratio.

Plasmid Name: pCAGGS-PIF3-mEGFP

Relevant Mutation: N-terminus (1-100 aa) of PIF3 is used

Record Creation Time: 20220422T221447+0000

Record Last Update: 20260815T080010+0000

Ratings and Alerts

No rating or validation information has been found for pCAGGS-PIF3-mEGFP.

No alerts have been found for pCAGGS-PIF3-mEGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.