

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

PhyB-mCherry-NLS

RRID:Addgene_51571

Type: Plasmid

Proper Citation

RRID:Addgene_51571

Plasmid Information

URL: <http://www.addgene.org/51571>

Proper Citation: RRID:Addgene_51571

Insert Name: PhyB

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23761071](#)

Vector Backbone Description: Backbone Size:7236; Vector Backbone:pRS305; Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

Comments: There is a 15-aa linker (EFDSAGSAGSAGGSS) between the PhyB and mCherry and a 10-aa linker (SAGSAGKASG) between mCherry and anchor gene.

Plasmid Name: PhyB-mCherry-NLS

Relevant Mutation: 1-908aa only

Record Creation Time: 20220422T222303+0000

Record Last Update: 20260808T081804+0000

Ratings and Alerts

No rating or validation information has been found for PhyB-mCherry-NLS.

No alerts have been found for PhyB-mCherry-NLS.

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 [PRECISE-TBI](#) .

Zinskie JA, et al. (2015) A mechanical microcompressor for high resolution imaging of motile specimens. Experimental cell research, 337(2), 249.