

Resource Summary Report

Generated by [dkNET](#) on Sep 14, 2026

pCk1

RRID:Addgene_136695

Type: Plasmid

Proper Citation

RRID:Addgene_136695

Plasmid Information

URL: <http://www.addgene.org/136695>

Proper Citation: RRID:Addgene_136695

Insert Name: lacZ

Organism: Other

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:32163700](#)

Vector Backbone Description: Vector Backbone:pDGB3_Omega1_domesticated;
Vector Types:Plant Expression, Synthetic Biology; Bacterial Resistance:Kanamycin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2020.02.29.971002v1>
for bioRxiv preprint.

Plasmid Name: pCk1

Relevant Mutation: BsaI/ SapI domesticated

Record Creation Time: 20220422T221753+0000

Record Last Update: 20260912T091917+0000

Ratings and Alerts

No rating or validation information has been found for pCk1.

No alerts have been found for pCk1.

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 [dkNET](#) .

Bian C, et al. (2025) Conservation and divergence of regulatory architecture in nitrate-responsive plant gene circuits. *The Plant cell*, 37(6).

Rottet S, et al. (2024) Engineering the cyanobacterial ATP-driven BCT1 bicarbonate transporter for functional targeting to C3 plant chloroplasts. *Journal of experimental botany*, 75(16), 4926.