

Resource Summary Report

Generated by [dkNET](#) on Aug 29, 2026

[pJT119b](#)

RRID:Addgene_50551

Type: Plasmid

Proper Citation

RRID:Addgene_50551

Plasmid Information

URL: <http://www.addgene.org/50551>

Proper Citation: RRID:Addgene_50551

Insert Name: CcaS

Organism: Synechocystis sp. 6803

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:24608181](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:1900; Vector Backbone:pProTet.E333; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Chloramphenicol

Plasmid Name: pJT119b

Record Creation Time: 20220422T222259+0000

Record Last Update: 20260829T080633+0000

Ratings and Alerts

No rating or validation information has been found for pJT119b.

No alerts have been found for pJT119b.

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 [dkNET](#) .

Forbes L, et al. (2024) Optogenetic control of gene expression in the cyanobacterium *Synechococcus* sp. PCC 7002. *Frontiers in bioengineering and biotechnology*, 12, 1529022.

Zhang C, et al. (2022) Regulation of the activity of the bacterial histidine kinase PleC by the scaffolding protein PodJ. *The Journal of biological chemistry*, 298(4), 101683.

Köksal D, Ç, et al. (2021) SARS-CoV-2 Detection with De Novo-Designed Synthetic Riboregulators. *Analytical chemistry*, 93(28), 9719.

Ahan RE, et al. (2019) A Self-Actuated Cellular Protein Delivery Machine. *ACS synthetic biology*, 8(4), 686.