

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pCCM' CbbQ-

RRID:Addgene_162711

Type: Plasmid

Proper Citation

RRID:Addgene_162711

Plasmid Information

URL: <http://www.addgene.org/162711>

Proper Citation: RRID:Addgene_162711

Insert Name: Second CCM operon cloned from *H. neapolitanus*

Organism: *Halothiobacillus neapolitanus*

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:33084575](#)

Vector Backbone Description: Backbone Size:2980; Vector Backbone:pFA31 (derived from pZA31 expressing under PLtetO-1 and constitutive tetR); Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol

Comments: Inactivation of CbbQ subunit of CbbOQ rubisco activase in pCCM'

Plasmid Name: pCCM' CbbQ-

Relevant Mutation: Inactivation of CbbQ subunit of CbbOQ rubisco activase (CbbQ K46A, E107Q)

Record Creation Time: 20220422T221920+0000

Record Last Update: 20260815T080904+0000

Ratings and Alerts

No rating or validation information has been found for pCCM' CbbQ-.

No alerts have been found for pCCM' CbbQ-.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.