

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

[pCph8](#)

RRID:Addgene_50552

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/50552>

Proper Citation: RRID:Addgene_50552

Insert Name: Cph8

Organism: Synthetic

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:24608181](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:1995; Vector Backbone:pProTet.E333; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Chloramphenicol

Comments: Encodes the Cph8 (Cph1/EnvZ fusion) light sensor kinase/phosphatase downstream of the pLTetO-1 promoter. Requires pPLPCB(S)t or some other source of TetR Requires PCB to function Does NOT include the response regulator.

Plasmid Name: pCph8

Record Creation Time: 20220422T222259+0000

Record Last Update: 20260815T081607+0000

Ratings and Alerts

No rating or validation information has been found for pCph8.

No alerts have been found for pCph8.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.