

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pCM130

RRID:Addgene_45828

Type: Plasmid

Proper Citation

RRID:Addgene_45828

Plasmid Information

URL: <http://www.addgene.org/45828>

Proper Citation: RRID:Addgene_45828

Bacterial Resistance: Tetracycline

Defining Citation: [PMID:11495985](#)

Vector Backbone Description: Backbone Marker:Lidstrom Lab (Addgene plasmid 45826); Backbone Size:7965; Vector Backbone:pCM62; Vector Types:low-background broad-host-range promoter-probe vector using xylE as a reporter gene; Bacterial Resistance:Tetracycline

Comments: XylE replaces the lac promoter in pCM62 (Addgene plasmid 45826) and is used as a reporter to test promoter activity. A transcriptional terminator was added to reduce background activity.

Plasmid Name: pCM130

Record Creation Time: 20220422T222236+0000

Record Last Update: 20260808T081718+0000

Ratings and Alerts

No rating or validation information has been found for pCM130.

No alerts have been found for pCM130.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Fujitani Y, et al. (2022) A Periplasmic Lanthanide Mediator, Lanmodulin, in *Methylobacterium aquaticum* Strain 22A. *Frontiers in microbiology*, 13, 921636.

Juma PO, et al. (2022) Siderophore for Lanthanide and Iron Uptake for Methylo-trophy and Plant Growth Promotion in *Methylobacterium aquaticum* Strain 22A. *Frontiers in microbiology*, 13, 921635.

Yanpirat P, et al. (2020) Lanthanide-Dependent Methanol and Formaldehyde Oxidation in *Methylobacterium aquaticum* Strain 22A. *Microorganisms*, 8(6).