

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 20, 2026

E. coli BW25113 ?phoP:PcpcG2-phoP*** (CMB259)

RRID:Addgene_254897

Type: Plasmid

Proper Citation

RRID:Addgene_254897

Plasmid Information

URL: <http://www.addgene.org/254897>

Proper Citation: RRID:Addgene_254897

Insert Name: Carries a single chromosomal copy of constitutively active PhoP downstream of PcpcG2 promoter inserted in nupG locus

Bacterial Resistance: None

Defining Citation: [PMID:41996246](#)

Vector Backbone Description: Vector Backbone:n/a; Vector Types:; Bacterial Resistance:None

Comments: For validation, use primers: FWD: CGTGAGCGGTAAAGTTGTTG and REV: CGGAGCTGCAAGGTGTTTATAG flanking the nupG locus to verify gene insertion. Please visit <https://doi.org/10.1101/2024.11.27.625634> for bioRxiv preprint.

Plasmid Name: E. coli BW25113 ?phoP:PcpcG2-phoP*** (CMB259)

Record Creation Time: 20260520T052515+0000

Record Last Update: 20260815T083553+0000

Ratings and Alerts

No rating or validation information has been found for E. coli BW25113 ?phoP:PcpcG2-phoP*** (CMB259).

No alerts have been found for E. coli BW25113 ?phoP:PcpcG2-phoP*** (CMB259).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.