

Resource Summary Report

Generated by [RRID](#) on Aug 30, 2026

pTHY_P0021_T2c_BCD_0.45K

RRID:Addgene_200055

Type: Plasmid

Proper Citation

RRID:Addgene_200055

Plasmid Information

URL: <http://www.addgene.org/200055>

Proper Citation: RRID:Addgene_200055

Insert Name: BCD 0.45K

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:37253269](#)

Vector Backbone Description: Vector Backbone:pUC; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: This plasmid encodes a part for use in a hierarchical golden gate plasmid assembly system. The part insert is a bicistronic translational control element for regulating translation of protein-coding genes in E. coli. It is flanked by sites for the type IIS restriction enzyme BsaI and yields 5' and 3' overhangs of GGAG and TATG respectively. The backbone contains a pUC origin, a TEM-1 ampicillin resistance marker, and a ccdB marker such that the part plasmid does not carry through into higher order plasmid assemblies. The plasmid must be propagated in an E. coli strain which is resistant to ccdB. Please visit <https://www.biorxiv.org/content/10.1101/2023.02.09.527918v1> for bioRxiv preprint.

Plasmid Name: pTHY_P0021_T2c_BCD_0.45K

Record Creation Time: 20230812T080438+0000

Record Last Update: 20260829T081816+0000

Ratings and Alerts

No rating or validation information has been found for pTHY_P0021_T2c_BCD_0.45K.

No alerts have been found for pTHY_P0021_T2c_BCD_0.45K.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.