

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

pTHY_P0030_T2c_BCD_25K

RRID:Addgene_200045

Type: Plasmid

Proper Citation

RRID:Addgene_200045

Plasmid Information

URL: <http://www.addgene.org/200045>

Proper Citation: RRID:Addgene_200045

Insert Name: BCD 25K

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:37253269](#)

Vector Backbone Description: Vector Backbone:pUC; Vector Types:Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: This plasmid encodes a part for use in a heirarchical 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_P0030_T2c_BCD_25K

Record Creation Time: 20230616T080424+0000

Record Last Update: 20260829T081731+0000

Ratings and Alerts

No rating or validation information has been found for pTHY_P0030_T2c_BCD_25K.

No alerts have been found for pTHY_P0030_T2c_BCD_25K.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.