Resource Summary Report

Generated by NIF on Jul 30, 2026

pBS1C

RRID:Addgene_55168
Type: Plasmid

Proper Citation

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Plasmid Information

URL: http://www.addgene.org/55168

Proper Citation: RRID:Addgene_55168

Bacterial Resistance: Ampicillin

Defining Citation: PMID:24295448

Vector Backbone Description: Backbone Marker:Guerout-Fleury, et al. 1996; Vector Backbone:pDG1662; Vector Types:Synthetic Biology, Bacillus BioBrick Box; Bacterial Resistance:Ampicillin

Comments: This is an “empty” vector that lacks promoters and reporter genes. The integrative part contains the flanking homology regions, a resistance cassette for selection in B. subtilis and the multiple cloning site (MCS), containing an rfp-cassette flanked by the restriction sites EcoRI, NotI, XbaI (upstream) and SpeI, NotI and PstI (downstream). They allow cloning in BioBrick standard with selection for white colonies as a result of the removal of the rfp-insert, which – if still present – leads to formation of red colonies in E. coli. For sequencing of inserts, use the following primers: fwd: AAAGGTCATTGTTGACGCGG rev: GAGCGTAGCGAAAAATCC

Plasmid Name: pBS1C

Record Creation Time: 20220422T222323+0000

Record Last Update: 20260725T074847+0000

Ratings and Alerts

No rating or validation information has been found for pBS1C.

No alerts have been found for pBS1C.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Frindert J, et al. (2018) Identification, Biosynthesis, and Decapping of NAD-Capped RNAs in B. subtilis. Cell reports, 24(7), 1890.