Resource Summary Report

Generated by RRID on Aug 19, 2026

pBSDONR P4r-P2

RRID:Addgene_121527
Type: Plasmid

Proper Citation

RRID:Addgene_121527

Plasmid Information

URL: http://www.addgene.org/121527

Proper Citation: RRID:Addgene_121527

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: PMID:21343429

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:2900; Vector Backbone:pBlueScript; Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Contains Gateway Entry Cassette with ccdB gene and chloramphenicol resistance. To make this vector, sequences from the GateWay cassettes of pDONR221 P4r-P3r and pDONR221 P3-P2 were subcloned into pBlueScript. The purpose of this was to create a DONR vector with ampicillin resistance rather than kanamycin resistance, which facilitates use of kanamycin resistant destination vectors. The combination of P4r-P2 att sites enables multisite Gateway cloning in which the N-terminal sequence is cloned into a P1-P4 donor vector and the C-terminal sequence is cloned into this vector, with the destination vector containing P1-P2 att sites.

Plasmid Name: pBSDONR P4r-P2

Record Creation Time: 20220422T221636+0000

Record Last Update: 20260815T080337+0000

Ratings and Alerts

No rating or validation information has been found for pBSDONR P4r-P2.

No alerts have been found for pBSDONR P4r-P2.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Knittel TL, et al. (2025) Interdependence of Pasha and Drosha for localization and function of the Microprocessor in C. elegans. Nature communications, 16(1), 5595.

Montgomery BE, et al. (2024) Regulation of Microprocessor assembly and localization via Pasha's WW domain in C. elegans. bioRxiv : the preprint server for biology.