

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 14, 2026

pBCN45-R4R3

RRID:Addgene_34920

Type: Plasmid

Proper Citation

RRID:Addgene_34920

Plasmid Information

URL: <http://www.addgene.org/34920>

Proper Citation: RRID:Addgene_34920

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:22290182](https://pubmed.ncbi.nlm.nih.gov/22290182/)

Vector Backbone Description: Vector Backbone:pBCN21-R4R3; Vector Types:Worm Expression; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: New version of Neomycin resistance vector for drug selection in worms. This vector replaces pBCN24-R4R3 (main advantage of the new vector is compatibility with ccdB Survival cells, and the visual marker that expresses well in non-elegans Caenorhabditis species). This is a Gateway 3-fragment compatible destination vector. It contains AttR4 and AttR3 sites (not AttR1 and AttR2 sites as identified automatically by the Addgene algorithm).

Plasmid Name: pBCN45-R4R3

Record Creation Time: 20220422T222148+0000

Record Last Update: 20260808T081550+0000

Ratings and Alerts

No rating or validation information has been found for pBCN45-R4R3.

No alerts have been found for pBCN45-R4R3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.