

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

pC-BAR-YR

RRID:Addgene_61766

Type: Plasmid

Proper Citation

RRID:Addgene_61766

Plasmid Information

URL: <http://www.addgene.org/61766>

Proper Citation: RRID:Addgene_61766

Insert Name: Bar gene

Organism: *Streptomyces hygroscopicus*

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:26092796](#)

Vector Backbone Description: Backbone Marker:CAMBIA; Backbone Size:6812; Vector Backbone:pCAMBIA-0380; Vector Types:Ternary vector for Agrobacterium mediated transformation of fungi; Bacterial Resistance:Kanamycin

Comments: Jason Rudd, (Rothamsted research UK) provided *Agrobacterium tumefaciens* vector pCAMB-BAR (pCAMBIA-0380 backbone with bar gene under *Neurospora crassa* trpC promoter) For more information see: Kramer et al.. Fungal Genetics and Biology, 46, 667-681. <https://www.ncbi.nlm.nih.gov/pubmed/19520179>. Bar gene from pCAMB-BAR was recombined into pC-HYG-YR (Addgene plasmid# 61765) through yeast recombineering to replace hygromycin gene and create pC-BAR-YR. Restriction sites EcoRI and HindIII can be used to linearise the vector inside left (LB) and right (RB) borders of the TDNA. Note that the trpC promoter and bar sequences are present within the EcoRI and HindII cloning sites. See Supplementary Fig. S1. of associated publication for schematic of single step assembly of gene deletion ternary vectors using yeast recombinational cloning.

Plasmid Name: pC-BAR-YR

Record Creation Time: 20220422T222354+0000

Record Last Update: 20260815T081745+0000

Ratings and Alerts

No rating or validation information has been found for pC-BAR-YR.

No alerts have been found for pC-BAR-YR.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.