

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pBWB424

RRID:Addgene_140638

Type: Plasmid

Proper Citation

RRID:Addgene_140638

Plasmid Information

URL: <http://www.addgene.org/140638>

Proper Citation: RRID:Addgene_140638

Insert Name: Cas9

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:32246719](#)

Vector Backbone Description: Vector Backbone:CRISPRi-ME (Jeffrey Barrick Laboratory); Vector Types:Bacterial Expression; Bacterial Resistance:Spectinomycin

Comments: Derivative of CRISPRi-ME from Peng et al., "Synthetic Genome Defenses against Selfish DNA Elements Stabilize Engineered Bacteria against Evolutionary Failure", ACS Synthetic Biology, 2019. Vector was modified to take the dCas9 to Cas9 and gRNA was substituted to no longer target the insertion sequences, but instead the vanAB genes in ADP1.

Plasmid Name: pBWB424

Record Creation Time: 20220422T221812+0000

Record Last Update: 20260815T080642+0000

Ratings and Alerts

No rating or validation information has been found for pBWB424.

No alerts have been found for pBWB424.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.