

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

5mCUC1 pBluescript

RRID:Addgene_12065

Type: Plasmid

Proper Citation

RRID:Addgene_12065

Plasmid Information

URL: <http://www.addgene.org/12065>

Proper Citation: RRID:Addgene_12065

Insert Name: CUC1 mutant

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15202996](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:3000; Vector Backbone:pBluescript II SK+; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: The CUC1 plasmid (addgene # 12064) was used as a starting material. The sequence of the primer pair used for CUC1 mutagenesis is 5mCUC1 forward 5'-CCGATCATCAATACCTTTGCGACGGAGCATGTTTCATGTTTTCAAATAACTCTGCTGCTCATACCG-3' and 5mCUC1 reverse 5'-CGGTATGAGCAGCAGAGTTATTTGAAAAACATGAAACATGCTCCGTCGCAAAGGTATTGATGAT3'. See "sequence" for the full insert sequence. See article for cloning details.

Plasmid Name: 5mCUC1 pBluescript

Relevant Mutation: miR-resistant CUC1. Made by introducing five silent mutations within the miR164-complementarity domain of a CUC1 genomic clone.

Record Creation Time: 20220422T221631+0000

Record Last Update: 20260815T080327+0000

Ratings and Alerts

No rating or validation information has been found for 5mCUC1 pBluescript.

No alerts have been found for 5mCUC1 pBluescript.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.