

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pcDNA3.1-Cerulean-Epac2(R53A)-Venus

RRID:Addgene_138197

Type: Plasmid

Proper Citation

RRID:Addgene_138197

Plasmid Information

URL: <http://www.addgene.org/138197>

Proper Citation: RRID:Addgene_138197

Insert Name: Cerulean-Epac2(R53A)-Venus

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21338921](#)

Vector Backbone Description: Backbone Size:5380; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.1-Cerulean-Epac2(R53A)-Venus

Relevant Mutation: Contains arginine-to-alanine substitution at residue 53 (R53A) in Epac2.

Record Creation Time: 20220422T221800+0000

Record Last Update: 20260815T080620+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1-Cerulean-Epac2(R53A)-Venus.

No alerts have been found for pcDNA3.1-Cerulean-Epac2(R53A)-Venus.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.