

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

pCRII-Topo Cav1 in situ probe

RRID:Addgene_45624

Type: Plasmid

Proper Citation

RRID:Addgene_45624

Plasmid Information

URL: <http://www.addgene.org/45624>

Proper Citation: RRID:Addgene_45624

Insert Name: Cav1 in situ probe

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19793993](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:4000; Vector Backbone:pCRII-Topo; Vector Types:in situ; Bacterial Resistance:Ampicillin

Comments: The Cav1 fragment was amplified by RT-PCR using the following primer pair: ACCTCTCTGGACTGGCAGAA AGTGTCGGCAAGACTGAAGG For in vitro transcription, use the NotI restriction digest and Sp6 promoter for sense probe generation and the Spe1 restriction digest and T7 promoter for antisense probe generation. Please note that Addgene's sequencing results match bp# 1472-2124 of AB029929.1, but found single nucleotide mismatches at bp# 1501 & 1574. The plasmid functions as described in the associated publication.

Plasmid Name: pCRII-Topo Cav1 in situ probe

Relevant Mutation: fragment contains bp# 1472-2124 of AB029929.1

Record Creation Time: 20220422T222235+0000

Record Last Update: 20260801T081330+0000

Ratings and Alerts

No rating or validation information has been found for pCRII-Topo Cav1 in situ probe.

No alerts have been found for pCRII-Topo Cav1 in situ probe.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.