

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

pcDNA3.1-CMV-mCherry-hPMCA2x/b

RRID:Addgene_111571

Type: Plasmid

Proper Citation

RRID:Addgene_111571

Plasmid Information

URL: <http://www.addgene.org/111571>

Proper Citation: RRID:Addgene_111571

Insert Name: Plasma membrane calcium pump 2, variant x/b

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:30174118](#)

Vector Backbone Description: Backbone Size:5386; Vector Backbone:pcDNA3.1; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: This sequence for PMCA2x/b contains a G73D mutation compared to the reference but the depositing lab confirms that this mutation does not affect plasmid function.

Plasmid Name: pcDNA3.1-CMV-mCherry-hPMCA2x/b

Record Creation Time: 20220422T221543+0000

Record Last Update: 20260808T080440+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1-CMV-mCherry-hPMCA2x/b.

No alerts have been found for pcDNA3.1-CMV-mCherry-hPMCA2x/b.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.