

Resource Summary Report

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

pMT2 Alpha2 delta-1 V6

RRID:Addgene_89894

Type: Plasmid

Proper Citation

RRID:Addgene_89894

Plasmid Information

URL: <http://www.addgene.org/89894>

Proper Citation: RRID:Addgene_89894

Insert Name: Cacna2d1

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27782881](#)

Vector Backbone Description: Backbone Size:5129; Vector Backbone:pMT2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: 5 amino acids are mutated to valines in the region believe to be involved in post translational cleavage of the alpha2 and delta-1 moities (there is already a Valine at AA position 946) leading to a stretch of 6 valines

Plasmid Name: pMT2 Alpha2 delta-1 V6

Relevant Mutation: Amino acids L943V, E944V, A945V, E947V, M948V are mutated.

Record Creation Time: 20220422T222610+0000

Record Last Update: 20260815T082201+0000

Ratings and Alerts

No rating or validation information has been found for pMT2 Alpha2 delta-1 V6.

No alerts have been found for pMT2 Alpha2 delta-1 V6.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.