

Resource Summary Report

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

pMT2 Beta1b mCherry

RRID:Addgene_89892

Type: Plasmid

Proper Citation

RRID:Addgene_89892

Plasmid Information

URL: <http://www.addgene.org/89892>

Proper Citation: RRID:Addgene_89892

Insert Name: Cacnb1

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27489103](#)

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

Comments: Cut out B1b with EcoRI and SpeI (but then you lose the start codon), cut out mCherry with SpeI and NotI (but then you lose the Stop codon). The mCherry is missing the N-terminal start codon. The SpeI site introduces 2 extra amino acids: Threonine and serine. Cut out the entire insert with EcoRI and NotI.

Plasmid Name: pMT2 Beta1b mCherry

Relevant Mutation: mCherry sequence inserted just before the Stop codon

Record Creation Time: 20220422T222610+0000

Record Last Update: 20260815T082201+0000

Ratings and Alerts

No rating or validation information has been found for pMT2 Beta1b mCherry.

No alerts have been found for pMT2 Beta1b mCherry.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.