

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pCI-neo:Beta2meGFP

RRID:Addgene_45096

Type: Plasmid

Proper Citation

RRID:Addgene_45096

Plasmid Information

URL: <http://www.addgene.org/45096>

Proper Citation: RRID:Addgene_45096

Insert Name: nAChR beta2

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21187334](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:5472; Vector Backbone:pCI-neo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Pi ; Henry A. Lester ?2 was cloned into pCI-neo at the restriction site EcoRI

Plasmid Name: pCI-neo:Beta2meGFP

Relevant Mutation: There are strain differences between C57BJ/6 and 129 in Chrn2 at position 380. In C57BJ/6 it is a glutamate and in 129 it is a lysine. All of the forms of ?2 currently in the lab are of the 129 variant except the ?2 with GFP which was changed to a glutamate when GFP was inserted.

Record Creation Time: 20220422T222232+0000

Record Last Update: 20260815T081521+0000

Ratings and Alerts

No rating or validation information has been found for pCI-neo:Beta2meGFP.

No alerts have been found for pCI-neo:Beta2meGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.