

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pCDNA3.1-nAChr-beta3-CFP

RRID:Addgene_50485

Type: Plasmid

Proper Citation

RRID:Addgene_50485

Plasmid Information

URL: <http://www.addgene.org/50485>

Proper Citation: RRID:Addgene_50485

Insert Name: nAChRBeta3 subunit, isoform 1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17932221](#)

Vector Backbone Description: Backbone Marker:Life Technologies; Backbone Size:5597; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCDNA3.1-nAChr-beta3-CFP

Relevant Mutation: CFP fusion in M3-M4 loop (after residue P379). Our CFP fusion cassette also consisted of a Gly-Ala-Gly flexible linker flanking the CFP open reading frame on both N and C terminal sides

Record Creation Time: 20220422T222258+0000

Record Last Update: 20260725T074805+0000

Ratings and Alerts

No rating or validation information has been found for pCDNA3.1-nAChr-beta3-CFP.

No alerts have been found for pCDNA3.1-nAChr-beta3-CFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.