

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pCDNA3.1-nAChr-beta3-YFP

RRID:Addgene_50484

Type: Plasmid

Proper Citation

RRID:Addgene_50484

Plasmid Information

URL: <http://www.addgene.org/50484>

Proper Citation: RRID:Addgene_50484

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-YFP

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

Record Creation Time: 20220422T222258+0000

Record Last Update: 20260815T081608+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.