

# Resource Summary Report

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

## pCDNA3.1-nAChr-beta3-YFP

RRID:Addgene\_50484

Type: Plasmid

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### Proper Citation

RRID:Addgene\_50484

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### 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

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### 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.

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### Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.