# Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

## pCI-EGFP-NR2b wt

RRID:Addgene_45447
Type: Plasmid

### Proper Citation

RRID:Addgene_45447

### Plasmid Information

**URL:** http://www.addgene.org/45447

**Proper Citation:** RRID:Addgene_45447

**Insert Name:** NR2B

**Organism:** Rattus norvegicus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** PMID:12160751

**Vector Backbone Description:** Backbone Marker:Promega; Backbone Size:4006; Vector Backbone:pCI; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** Addgene Next-generation sequencing identified a sequence discrepancy that results in a Met to Leu change at position 745 in the plasmid insert, relative to Genbank IDs NM_012574.1 and NP_036706.1. The plasmid is expected to function as described in the associated publication.

**Plasmid Name:** pCI-EGFP-NR2b wt

**Relevant Mutation:** EGFP inserted after the predicted signal peptide cleavage site (after amino acid residue 31)

**Record Creation Time:** 20220422T222234+0000

**Record Last Update:** 20230915T081112+0000

### Ratings and Alerts

No rating or validation information has been found for pCI-EGFP-NR2b wt.

No alerts have been found for pCI-EGFP-NR2b wt.

## Data and Source Information

**Source:** Addgene

## Usage and Citation Metrics

We found 3 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.

Kaizuka T, et al. (2024) FAM81A is a postsynaptic protein that regulates the condensation of postsynaptic proteins via liquid-liquid phase separation. PLoS biology, 22(3), e3002006.

Curtis AJ, et al. (2023) Molecular basis of interactions between CaMKII and ?-actinin-2 that underlie dendritic spine enlargement. eLife, 12.

Ortiz-Sanz C, et al. (2022) Amyloid ? / PKC-dependent alterations in NMDA receptor composition are detected in early stages of Alzheimer´s disease. Cell death & disease, 13(3), 253.