

Resource Summary Report

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

[pcDNA3.1/opto-b2AR-EYFP](#)

RRID:Addgene_20948

Type: Plasmid

Proper Citation

RRID:Addgene_20948

Plasmid Information

URL: <http://www.addgene.org/20948>

Proper Citation: RRID:Addgene_20948

Insert Name: opto-b2AR

Organism: synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19295515](#)

Vector Backbone Description: Backbone Size:5446; Vector Backbone:pcDNA3.1;
Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please see <http://www.optogenetics.org> for additional information.

Plasmid Name: pcDNA3.1/opto-b2AR-EYFP

Record Creation Time: 20220422T222053+0000

Record Last Update: 20260815T081158+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1/opto-b2AR-EYFP.

No alerts have been found for pcDNA3.1/opto-b2AR-EYFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Iqbal Z, et al. (2023) Adrenergic signalling to astrocytes in anterior cingulate cortex contributes to pain-related aversive memory in rats. *Communications biology*, 6(1), 10.

Lazar J, et al. (2011) Two-photon polarization microscopy reveals protein structure and function. *Nature methods*, 8(8), 684.