

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

pcDNA3.1-R2ACR_142-EYFP

RRID:Addgene_103964

Type: Plasmid

Proper Citation

RRID:Addgene_103964

Plasmid Information

URL: <http://www.addgene.org/103964>

Proper Citation: RRID:Addgene_103964

Insert Name: Anion channelrhodopsin R2ACR_142

Organism: Rhodomonas sp.

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28256618](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:6217; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.1-R2ACR_142-EYFP

Relevant Mutation: human codon optimized

Record Creation Time: 20220422T221504+0000

Record Last Update: 20260808T080329+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1-R2ACR_142-EYFP.

No alerts have been found for pcDNA3.1-R2ACR_142-EYFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.