

# Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

## pCDNA3.1 AT1AR-324delta

RRID:Addgene\_45635

Type: Plasmid

### Proper Citation

RRID:Addgene\_45635

### Plasmid Information

**URL:** <http://www.addgene.org/45635>

**Proper Citation:** RRID:Addgene\_45635

**Insert Name:** AT1AR-324delta

**Organism:** Rattus norvegicus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:15355986](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:5000; Vector Backbone:pcDNA3.1/Zeo; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** Mutant AT1A receptors were generated by mutagenesis PCR using pcDNA3.1-HA-AT1A receptor (provided by M. G. Caron, Duke University) as a template and a QuikChange multisite-directed mutagenesis kit (Stratagene) according to the manufacturer's instructions. The primer for the 324delta receptor was: 5' p-CCCCCAAAGGCCTAGCTCCCACTCAAGCC 3'. N4D mutation introduced to prevent glycosylation at this consensus site and steric hindrance of antibody binding.

**Plasmid Name:** pCDNA3.1 AT1AR-324delta

**Relevant Mutation:** added stop codon at 324 aa

**Record Creation Time:** 20220422T222235+0000

**Record Last Update:** 20260902T045522+0000

### Ratings and Alerts

No rating or validation information has been found for pCDNA3.1 AT1AR-324delta.

No alerts have been found for pCDNA3.1 AT1AR-324delta.

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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.