

# Resource Summary Report

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

## pcDNA3.1\_rSERT\_WT

RRID:Addgene\_190743

Type: Plasmid

### Proper Citation

RRID:Addgene\_190743

### Plasmid Information

**URL:** <http://www.addgene.org/190743>

**Proper Citation:** RRID:Addgene\_190743

**Insert Name:** SLC6A4 Serotonin Transporter

**Organism:** Rattus norvegicus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:11592963](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:5428; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** Please also see: Zhang YW, Turk BE, Rudnick G. Control of serotonin transporter phosphorylation by conformational state. Proc Natl Acad Sci U S A. 2016 May 17;113(20):E2776-83. doi: 10.1073/pnas.1603282113. Epub 2016 May 2. PMID: 27140629; PMCID: PMC4878475.

**Plasmid Name:** pcDNA3.1\_rSERT\_WT

**Record Creation Time:** 20221217T080414+0000

**Record Last Update:** 20260826T041341+0000

### Ratings and Alerts

No rating or validation information has been found for pcDNA3.1\_rSERT\_WT.

No alerts have been found for pcDNA3.1\_rSERT\_WT.

### Data and Source Information

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Singh I, et al. (2023) Structure-based discovery of conformationally selective inhibitors of the serotonin transporter. Cell, 186(10), 2160.