

# Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 21, 2026

## pcDNA3-RsSHC014-RBD-8h

RRID:Addgene\_161826

Type: Plasmid

### Proper Citation

RRID:Addgene\_161826

### Plasmid Information

**URL:** <http://www.addgene.org/161826>

**Proper Citation:** RRID:Addgene\_161826

**Insert Name:** Receptor-binding domain (RBD) of spike protein S

**Organism:** RsSHC014 bat coronavirus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:33597251](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:5332; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pcDNA3-RsSHC014-RBD-8h

**Relevant Mutation:** Human codon optimized RBD (a.a. T321-D519)

**Record Creation Time:** 20220422T221916+0000

**Record Last Update:** 20260919T091229+0000

### Ratings and Alerts

No rating or validation information has been found for pcDNA3-RsSHC014-RBD-8h.

No alerts have been found for pcDNA3-RsSHC014-RBD-8h.

### Data and Source Information

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

## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Lee CY, et al. (2025) A combinatorial and computational Tandem approach towards a universal therapeutics against ACE2-mediated coronavirus infections. iScience, 28(6), 112687.