

# Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

## pETcon\_SARS-CoV-2\_RBD

RRID:Addgene\_166782

Type: Plasmid

### Proper Citation

RRID:Addgene\_166782

### Plasmid Information

**URL:** <http://www.addgene.org/166782>

**Proper Citation:** RRID:Addgene\_166782

**Insert Name:** Spike receptor binding domain (RBD) from SARS-CoV-2

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:32841599](#)

**Vector Backbone Description:** Backbone Marker:Andrew Scharenberg; Vector Backbone:pETcon(-) (Plasmid #41522); Vector Types:Yeast Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pETcon\_SARS-CoV-2\_RBD

**Record Creation Time:** 20220422T221938+0000

**Record Last Update:** 20260815T080938+0000

### Ratings and Alerts

No rating or validation information has been found for pETcon\_SARS-CoV-2\_RBD.

No alerts have been found for pETcon\_SARS-CoV-2\_RBD.

### Data and Source Information

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

### Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Dussupt V, et al. (2026) Targeting the Zika virus envelope domains I and III as a recombinant vaccine protects mice from lethal challenge. NPJ vaccines, 11(1).

Starr TN, et al. (2021) SARS-CoV-2 RBD antibodies that maximize breadth and resistance to escape. Nature, 597(7874), 97.

Tortorici MA, et al. (2021) Broad sarbecovirus neutralization by a human monoclonal antibody. Nature, 597(7874), 103.

Greaney AJ, et al. (2021) Mapping mutations to the SARS-CoV-2 RBD that escape binding by different classes of antibodies. Nature communications, 12(1), 4196.

Greaney AJ, et al. (2021) Antibodies elicited by mRNA-1273 vaccination bind more broadly to the receptor binding domain than do those from SARS-CoV-2 infection. Science translational medicine, 13(600).

Greaney AJ, et al. (2021) The SARS-CoV-2 mRNA-1273 vaccine elicits more RBD-focused neutralization, but with broader antibody binding within the RBD. bioRxiv : the preprint server for biology.