

# Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

## pGBW-m4046887

RRID:Addgene\_145730

Type: Plasmid

### Proper Citation

RRID:Addgene\_145730

### Plasmid Information

**URL:** <http://www.addgene.org/145730>

**Proper Citation:** RRID:Addgene\_145730

**Insert Name:** SARS-CoV-2 S (surface glycoprotein)

**Organism:** Escherichia coli str. K-12 substr. MG1655; Severe acute respiratory syndrome coronavirus 2

**Bacterial Resistance:** Chloramphenicol

**Vector Backbone Description:** Backbone Size:1462; Vector Backbone:ori-013 - marker | cmR; Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol

**Comments:** NCBI Reference Sequence: YP\_009724390.1

**Plasmid Name:** pGBW-m4046887

**Relevant Mutation:** wt

**Record Creation Time:** 20220422T221821+0000

**Record Last Update:** 20260905T074912+0000

### Ratings and Alerts

No rating or validation information has been found for pGBW-m4046887.

No alerts have been found for pGBW-m4046887.

### Data and Source Information

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

## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Yokogawa M, et al. (2026) Allosteric Targeting of the ACE2 Dimer Interface by a Medium-sized Compound Inhibits SARS-CoV-2 Entry. Journal of molecular biology, 438(19), 169914.

Hatakeyama D, et al. (2026) Glycan-binding properties of SARS-CoV-2 spike proteins: interactions with aminoglycoside antibiotics. Scientific reports, 16(1).

Vetráková A, et al. (2023) Bacillus subtilis spores displaying RBD domain of SARS-CoV-2 spike protein. Computational and structural biotechnology journal, 21, 1550.

Teng Y, et al. (2021) Plant-derived exosomal microRNAs inhibit lung inflammation induced by exosomes SARS-CoV-2 Nsp12. Molecular therapy : the journal of the American Society of Gene Therapy, 29(8), 2424.