

Resource Summary Report

Generated by [RRID](#) on Aug 31, 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: 20260829T075653+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 [RRID](#) .

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.