

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pGBW-m4252984

RRID:Addgene_153898

Type: Plasmid

Proper Citation

RRID:Addgene_153898

Plasmid Information

URL: <http://www.addgene.org/153898>

Proper Citation: RRID:Addgene_153898

Insert Name: SARS-CoV-2 SARS-CoV-2 E (envelope)

Organism: Severe acute respiratory syndrome coronavirus 2

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:6525; Vector Backbone:pTwist_CMV_Hygro_6 with AarI site removed; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: NCBI reference sequence: 43740570

Plasmid Name: pGBW-m4252984

Relevant Mutation: wt

Record Creation Time: 20220422T221843+0000

Record Last Update: 20260725T074032+0000

Ratings and Alerts

No rating or validation information has been found for pGBW-m4252984.

No alerts have been found for pGBW-m4252984.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Glas I, et al. (2025) Inactivation of SARS-CoV-2 at acidic pH is driven by partial unfolding of spike. Communications biology, 8(1), 1082.

Oh CK, et al. (2023) Targeted protein S-nitrosylation of ACE2 inhibits SARS-CoV-2 infection. Nature chemical biology, 19(3), 275.