

Resource Summary Report

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

p?H-S-GSAS-D614G-Y453F

RRID:Addgene_171745

Type: Plasmid

Proper Citation

RRID:Addgene_171745

Plasmid Information

URL: <http://www.addgene.org/171745>

Proper Citation: RRID:Addgene_171745

Insert Name: Spike (S-GSAS-D614G-Y453F variant)

Organism: Severe acute respiratory syndrome coronavirus 2

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34168071](https://pubmed.ncbi.nlm.nih.gov/34168071/)

Vector Backbone Description: Backbone Size:4746; Vector Backbone:p?H; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2021.03.11.435037v2> for bioRxiv preprint.

Plasmid Name: p?H-S-GSAS-D614G-Y453F

Relevant Mutation: Ectodomain (AAs 1-1208); 682-685 (furin site = RRAR) replaced with GSAS; D614G mutation; Y453F

Record Creation Time: 20220422T221958+0000

Record Last Update: 20260725T074246+0000

Ratings and Alerts

No rating or validation information has been found for p?H-S-GSAS-D614G-Y453F.

No alerts have been found for p?H-S-GSAS-D614G-Y453F.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.