

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

pcDNA3-sACE2v3-sfGFP

RRID:Addgene_145174

Type: Plasmid

Proper Citation

RRID:Addgene_145174

Plasmid Information

URL: <http://www.addgene.org/145174>

Proper Citation: RRID:Addgene_145174

Insert Name: Angiotensin-converting enzyme 2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32753553](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5332; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2020.03.16.994236v1> for BioRxiv preprint.

Plasmid Name: pcDNA3-sACE2v3-sfGFP

Relevant Mutation: Extracellular, soluble protease domain (a.a. M1-D615) with mutations A25V, T27Y, T92Q, Q325P, A386L

Record Creation Time: 20220422T221818+0000

Record Last Update: 20260829T075647+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-sACE2v3-sfGFP.

No alerts have been found for pcDNA3-sACE2v3-sfGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Procko E, et al. (2020) The sequence of human ACE2 is suboptimal for binding the S spike protein of SARS coronavirus 2. bioRxiv : the preprint server for biology.