

Resource Summary Report

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

pLENTI_hACE2_HygR

RRID:Addgene_155296

Type: Plasmid

Proper Citation

RRID:Addgene_155296

Plasmid Information

URL: <http://www.addgene.org/155296>

Proper Citation: RRID:Addgene_155296

Insert Name: hACE2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34376481](#)

Vector Backbone Description: Vector Backbone:pLenti CMV; Vector Types:Lentiviral;
Bacterial Resistance:Ampicillin

Plasmid Name: pLENTI_hACE2_HygR

Record Creation Time: 20220422T221851+0000

Record Last Update: 20260829T075752+0000

Ratings and Alerts

No rating or validation information has been found for pLENTI_hACE2_HygR.

No alerts have been found for pLENTI_hACE2_HygR.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

D'Acunto E, et al. (2024) Isolation and Characterization of Neutralizing Monoclonal Antibodies from a Large Panel of Murine Antibodies against RBD of the SARS-CoV-2 Spike Protein. *Antibodies* (Basel, Switzerland), 13(1).

Mazzarella L, et al. (2023) Inhibition of the lysine demethylase LSD1 modulates the balance between inflammatory and antiviral responses against coronaviruses. *Science signaling*, 16(816), eade0326.

Hossain MS, et al. (2023) Whole genome CRISPR screening strategy to identify genes contributing to SARS-CoV-2 spike and VSV-G mediated entry. *Journal of medical virology*, 95(9), e29087.

Miluzio A, et al. (2023) Mapping of functional SARS-CoV-2 receptors in human lungs establishes differences in variant binding and SLC1A5 as a viral entry modulator of hACE2. *EBioMedicine*, 87, 104390.

Zhang L, et al. (2023) LINE1-Mediated Reverse Transcription and Genomic Integration of SARS-CoV-2 mRNA Detected in Virus-Infected but Not in Viral mRNA-Transfected Cells. *Viruses*, 15(3).

Zhang L, et al. (2023) LINE1-mediated reverse transcription and genomic integration of SARS-CoV-2 mRNA detected in virus-infected but not in viral mRNA-transfected cells. *bioRxiv : the preprint server for biology*.

Favalli A, et al. (2022) Immunosuppressant Treatment in Rheumatic Musculoskeletal Diseases Does Not Inhibit Elicitation of Humoral Response to SARS-CoV-2 Infection and Preserves Effector Immune Cell Populations. *Frontiers in immunology*, 13, 873195.

Grodzki M, et al. (2022) Genome-scale CRISPR screens identify host factors that promote human coronavirus infection. *Genome medicine*, 14(1), 10.

Andreano E, et al. (2022) Anatomy of Omicron BA.1 and BA.2 neutralizing antibodies in COVID-19 mRNA vaccinees. *Nature communications*, 13(1), 3375.

Compagnone M, et al. (2022) DNA-Vaccine-Induced Immune Response Correlates with Lower Viral SARS-CoV-2 Titers in a Ferret Model. *Vaccines*, 10(8).

Brasu N, et al. (2022) Memory CD8+ T cell diversity and B cell responses correlate with protection against SARS-CoV-2 following mRNA vaccination. *Nature immunology*, 23(10), 1445.

Torres JL, et al. (2022) Structural insights of a highly potent pan-neutralizing SARS-CoV-2 human monoclonal antibody. *Proceedings of the National Academy of Sciences of the United States of America*, 119(20), e2120976119.

Francesconi O, et al. (2022) Synthetic carbohydrate-binding agents neutralize SARS-CoV-2 by inhibiting binding of the spike protein to ACE2. *iScience*, 25(5), 104239.

Song J, et al. (2022) LRRC15 inhibits SARS-CoV-2 cellular entry in trans. PLoS biology, 20(10), e3001805.

Song J, et al. (2021) LRRC15 is an inhibitory receptor blocking SARS-CoV-2 spike-mediated entry in trans. bioRxiv : the preprint server for biology.

Neises JZ, et al. (2021) Seroprevalence of SARS-CoV-2 antibodies among rural healthcare workers. Journal of medical virology, 93(12), 6611.