

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

pcDNA3.1-HA-H3N2-mTagBFP2

RRID:Addgene_253734

Type: Plasmid

Proper Citation

RRID:Addgene_253734

Plasmid Information

URL: <http://www.addgene.org/253734>

Proper Citation: RRID:Addgene_253734

Insert Name: HA (A/Hong Kong/4801/2014, H3N2)

Organism: Influenza A virus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:41619731](#)

Vector Backbone Description: Backbone Marker:Invitrogen/Thermo Fisher Scientific; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Codon-optimized influenza A hemagglutinin A/Hong Kong/4801/2014 (H3N2), including endogenous signal peptide and lacking stop codon, fused C-terminally via a 7xGS linker to mTagBFP2 in the pcDNA3.1 backbone. Plasmid used in the multiplex HA antibody binding assay described in Daniel et al., 2026. A detailed step-by-step protocol will be available in a forthcoming STAR Protocols publication.

Plasmid Name: pcDNA3.1-HA-H3N2-mTagBFP2

Record Creation Time: 20260603T041329+0000

Record Last Update: 20260912T094641+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1-HA-H3N2-mTagBFP2.

No alerts have been found for pcDNA3.1-HA-H3N2-mTagBFP2.

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 [NIF](#) .

Ullrich L, et al. (2026) Protocol for multiplexed detection of antibody binding to cell-surface-expressed hemagglutinin by flow cytometry. STAR protocols, 7(2), 104614.