

# Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

## V246 pCEP 4HA B56beta

RRID:Addgene\_14533

Type: Plasmid

### Proper Citation

RRID:Addgene\_14533

### Plasmid Information

**URL:** <http://www.addgene.org/14533>

**Proper Citation:** RRID:Addgene\_14533

**Insert Name:** PPP2R5B B56 beta regulatory subunit of PP2A

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:10092233](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:10186; Vector Backbone:pCEP4 (modified); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** 4 HA tag cloned into Not1 site as Not1 cassette so two Not1 sites at 5' end of gene. Addgene NGS identified an I346V mutation in the B56?? ORF, this is not predicted to impact plasmid function.

**Plasmid Name:** V246 pCEP 4HA B56beta

**Relevant Mutation:** I346V relative to GenBank ID L42374

**Record Creation Time:** 20220422T221818+0000

**Record Last Update:** 20260815T080654+0000

### Ratings and Alerts

No rating or validation information has been found for V246 pCEP 4HA B56beta.

No alerts have been found for V246 pCEP 4HA B56beta.

## Data and Source Information

**Source:** [Addgene](#)

## Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Jacobs SO, et al. (2025) Hypoxia increases susceptibility of human intestinal epithelial cells to rotavirus infection through repression of interferon induction. Gut microbes, 17(1), 2560593.

Fu Y, et al. (2023) Fam72a functions as a cell-cycle-controlled gene during proliferation and antagonizes apoptosis through reprogramming PP2A substrates. Developmental cell, 58(5), 398.

Li J, et al. (2022) Regulation of XPO5 phosphorylation by PP2A in hepatocellular carcinoma. MedComm, 3(2), e125.

Uchida E, et al. (2019) TOPK is regulated by PP2A and BCR/ABL in leukemia and enhances cell proliferation. International journal of oncology, 54(5), 1785.

Greenwood EJ, et al. (2016) Temporal proteomic analysis of HIV infection reveals remodelling of the host phosphoproteome by lentiviral Vif variants. eLife, 5.