# Resource Summary Report

Generated by RRID on Aug 27, 2026

## HA-HIF2alpha-P405A/P531A-pBabe-puro

RRID:Addgene_19006
Type: Plasmid

### Proper Citation

RRID:Addgene_19006

### Plasmid Information

**URL:** http://www.addgene.org/19006

**Proper Citation:** RRID:Addgene_19006

**Insert Name:** Hypoxia inducible factor 2 alpha

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** PMID:17220275

**Vector Backbone Description:** Backbone Size:5188; Vector Backbone:pBabe-puro; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

**Plasmid Name:** HA-HIF2alpha-P405A/P531A-pBabe-puro

**Relevant Mutation:** cDNA changed amino acids: P405A and P531A

**Record Creation Time:** 20220422T222043+0000

**Record Last Update:** 20260815T081141+0000

### Ratings and Alerts

No rating or validation information has been found for HA-HIF2alpha-P405A/P531A-pBabe-puro.

No alerts have been found for HA-HIF2alpha-P405A/P531A-pBabe-puro.

### Data and Source Information

**Source:** Addgene

## Usage and Citation Metrics

We found 8 mentions in open access literature.

**Listed below are recent publications.** The full list is available at RRID .


Arenillas C, et al. (2025) Convergent Genetic Adaptation in Human Tumors Developed Under Systemic Hypoxia and in Populations Living at High Altitudes. Cancer discovery, 15(5), 1037.

Voss DM, et al. (2017) Disruption of the monocarboxylate transporter-4-basigin interaction inhibits the hypoxic response, proliferation, and tumor progression. Scientific reports, 7(1), 4292.

Mathieu J, et al. (2014) Hypoxia-inducible factors have distinct and stage-specific roles during reprogramming of human cells to pluripotency. Cell stem cell, 14(5), 592.

Vindrieux D, et al. (2014) Repression of PLA2R1 by c-MYC and HIF-2alpha promotes cancer growth. Oncotarget, 5(4), 1004.

Gomes AP, et al. (2013) Declining NAD(+) induces a pseudohypoxic state disrupting nuclear-mitochondrial communication during aging. Cell, 155(7), 1624.

Emerling BM, et al. (2013) Identification of CDCP1 as a hypoxia-inducible factor 2? (HIF-2 ?) target gene that is associated with survival in clear cell renal cell carcinoma patients. Proceedings of the National Academy of Sciences of the United States of America, 110(9), 3483.

Tamama K, et al. (2011) Differential roles of hypoxia inducible factor subunits in multipotential stromal cells under hypoxic condition. Journal of cellular biochemistry, 112(3), 804.

Zhou W, et al. (2011) Assessment of hypoxia inducible factor levels in cancer cell lines upon hypoxic induction using a novel reporter construct. PloS one, 6(11), e27460.