

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.