

Resource Summary Report

Generated by [dkNET](#) on Jul 28, 2026

shHIF2? (#2) (HIF2? -#2-pSUPER-retro-GFP/Neo)

RRID:Addgene_22131

Type: Plasmid

Proper Citation

RRID:Addgene_22131

Plasmid Information

URL: <http://www.addgene.org/22131>

Proper Citation: RRID:Addgene_22131

Insert Name: synthetic oligonucleotide

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17526729](#)

Vector Backbone Description: Backbone Marker:OligoEngine; Backbone Size:7394; Vector Backbone:pSUPER_Retro-GFP/Neo; Vector Types:Mammalian Expression, Retroviral, RNAi; Bacterial Resistance:Ampicillin

Comments: shRNA oligo sequence - 5'-
GATCCCCGACAAGGTCTGCAAAGGGTTTCAAGAGAACCCTTTGCAGACCTTGTCTTTT

Plasmid Name: shHIF2? (#2) (HIF2? -#2-pSUPER-retro-GFP/Neo)

Relevant Mutation: synthetic oligonucleotide encoding shRNA targeting human HIF2alpha mRNA

Record Creation Time: 20220422T222058+0000

Record Last Update: 20260725T074430+0000

Ratings and Alerts

No rating or validation information has been found for shHIF2? (#2) (HIF2? -#2-pSUPER-retro-GFP/Neo).

No alerts have been found for shHIF2? (#2) (HIF2? -#2-pSUPER-retro-GFP/Neo).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Ramakrishnan S, et al. (2016) HDAC 1 and 6 modulate cell invasion and migration in clear cell renal cell carcinoma. BMC cancer, 16, 617.

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.

Fujita N, et al. (2012) Expression of prolyl hydroxylases (PHDs) is selectively controlled by HIF-1 and HIF-2 proteins in nucleus pulposus cells of the intervertebral disc: distinct roles of PHD2 and PHD3 proteins in controlling HIF-1? activity in hypoxia. The Journal of biological chemistry, 287(20), 16975.