

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

pQCXIH-Myc-YAP-5SA

RRID:Addgene_33093

Type: Plasmid

Proper Citation

RRID:Addgene_33093

Plasmid Information

URL: <http://www.addgene.org/33093>

Proper Citation: RRID:Addgene_33093

Insert Name: YAP

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17974916](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:7800; Vector Backbone:pQCXIH; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: From Depositor: S128A, S131A, and S163A are also present due to alanine scanning mutagenesis. However, they are not important and do not alter plasmid function.

Plasmid Name: pQCXIH-Myc-YAP-5SA

Relevant Mutation: S61A, S109A, S127A, S164A, S381A (phosphorylation sites)

Record Creation Time: 20220422T222144+0000

Record Last Update: 20260725T074556+0000

Ratings and Alerts

No rating or validation information has been found for pQCXIH-Myc-YAP-5SA.

No alerts have been found for pQCXIH-Myc-YAP-5SA.

Data and Source Information

Usage and Citation Metrics

We found 36 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Zhang S, et al. (2025) SRGN-mediated reactivation of the YAP/CRISPLD2 axis promotes aggressiveness of hepatocellular carcinoma. International journal of biological sciences, 21(7), 3262.

Xu L, et al. (2025) PIEZO1 mediates periostin+ myofibroblast activation and pulmonary fibrosis in mice. The Journal of clinical investigation, 135(11).

Biber P, et al. (2025) USP9X is a mechanosensitive deubiquitinase that controls tumor cell invasiveness and drug response through YAP stabilization. Cell reports, 44(10), 116372.

El Yousfi Y, et al. (2025) Regulation of ER stress-induced apoptotic and inflammatory responses via YAP/TAZ-mediated control of the TRAIL-R2/DR5 signaling pathway. Cell death discovery, 11(1), 42.

van der Net MC, et al. (2025) Mechanosensitive calcium channels and integrins coordinate the reprogramming of colorectal cancer cells into a fetal-like state. Cell reports, 44(10), 116308.

Jessen M, et al. (2024) Inhibition of the YAP-MMB interaction and targeting NEK2 as potential therapeutic strategies for YAP-driven cancers. Oncogene, 43(8), 578.

Haderk F, et al. (2024) Focal adhesion kinase-YAP signaling axis drives drug-tolerant persister cells and residual disease in lung cancer. Nature communications, 15(1), 3741.

Khalil AA, et al. (2024) A YAP-centered mechanotransduction loop drives collective breast cancer cell invasion. Nature communications, 15(1), 4866.

Camacho-Macorra C, et al. (2024) Maternal vgll4a regulates zebrafish epiboly through Yap1 activity. Frontiers in cell and developmental biology, 12, 1362695.

Ippolito F, et al. (2023) Extracellular signal-Regulated Kinase 5 (ERK5) is required for the Yes-associated protein (YAP) co-transcriptional activity. Cell death & disease, 14(1), 32.

Abenza JF, et al. (2023) Mechanical control of the mammalian circadian clock via YAP/TAZ and TEAD. The Journal of cell biology, 222(9).

Fan W, et al. (2023) The transcriptional co-activator Yap1 promotes adult hippocampal neural stem cell activation. The EMBO journal, 42(11), e110384.

El Yousfi Y, et al. (2023) Role of the YAP/TAZ-TEAD Transcriptional Complex in the Metabolic Control of TRAIL Sensitivity by the Mevalonate Pathway in Cancer Cells. Cells, 12(19).

Kagawa H, et al. (2022) Human blastoids model blastocyst development and implantation. *Nature*, 601(7894), 600.

Choe MS, et al. (2022) Human embryonic stem cell-specific role of YAP in maintenance of self-renewal and survival. *Cellular and molecular life sciences : CMLS*, 79(11), 544.

Drozd MM, et al. (2022) A nuclear cAMP microdomain suppresses tumor growth by Hippo pathway inactivation. *Cell reports*, 40(13), 111412.

Hu M, et al. (2022) miR21 modulates the Hippo signaling pathway via interference with PP2A B? to inhibit trophoblast invasion and cause preeclampsia. *Molecular therapy. Nucleic acids*, 30, 143.

Gómez-Marín E, et al. (2022) The high mobility group protein HMG20A cooperates with the histone reader PHF14 to modulate TGF? and Hippo pathways. *Nucleic acids research*, 50(17), 9838.

Vichas A, et al. (2021) Integrative oncogene-dependency mapping identifies RIT1 vulnerabilities and synergies in lung cancer. *Nature communications*, 12(1), 4789.

Raghubir M, et al. (2021) Riluzole-induced apoptosis in osteosarcoma is mediated through Yes-associated protein upon phosphorylation by c-Abl Kinase. *Scientific reports*, 11(1), 20974.