

Resource Summary Report

Generated by [RRID](#) on Aug 26, 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: 20260815T081346+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 39 mentions in open access literature.

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

Ferrick KR, et al. (2026) Transient proliferation by reversible YAP and mitogen control of the cyclin D1/p27 ratio. *Communications biology*, 9(1).

Gajda AM, et al. (2026) Ionic regulation of cancer cell stiffness and metastatic colonization via the MRTFA-KCNMB1 axis. *Developmental cell*, 61(6), 1223.

Tran PT, et al. (2026) Targeting TYRO3 attenuates apoptotic cell-driven cancer stemness in triple negative breast cancer. *Cell communication and signaling : CCS*, 24(1).

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 vgl4a regulates zebrafish epiboly through Yap1 activity. *Frontiers in cell and developmental biology*, 12, 1362695.

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

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.

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.

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