

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pLKO1-shYAP1

RRID:Addgene_27368

Type: Plasmid

Proper Citation

RRID:Addgene_27368

Plasmid Information

URL: <http://www.addgene.org/27368>

Proper Citation: RRID:Addgene_27368

Insert Name: shYAP1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18579750](#)

Vector Backbone Description: Backbone Size:8500; Vector Backbone:pLKO1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: YAP shRNA sequence is - 5'-
CCGGAAGCTTTGAGTTCTGACATCCCTCGAGGGATGTCAGAACTCAAAGCTTTTTTTC

Plasmid Name: pLKO1-shYAP1

Record Creation Time: 20220422T222123+0000

Record Last Update: 20260815T081302+0000

Ratings and Alerts

No rating or validation information has been found for pLKO1-shYAP1.

No alerts have been found for pLKO1-shYAP1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Lee SH, et al. (2025) Dynamic decoding of VEGF signaling and coordinated control of multiple phenotypes by the Src-TEM4-YAP pathway. *Cell systems*, 16(7), 101321.

Guo S, et al. (2025) VGLL2 and TEAD1 fusion proteins identified in human sarcoma drive YAP/TAZ-independent tumorigenesis by engaging EP300. *eLife*, 13.

Zhang S, et al. (2025) CD133 + Vesicles Mediate Resistance to RAS-ERK Inhibition Regulated by YAP Activation in Liver Cancer Cells. *bioRxiv : the preprint server for biology*.

Guo S, et al. (2024) VGLL2 and TEAD1 fusion proteins drive YAP/TAZ-independent transcription and tumorigenesis by engaging p300. *bioRxiv : the preprint server for biology*.

Bulos ML, et al. (2023) Pharmacological inhibition of CLK2 activates YAP by promoting alternative splicing of AMOTL2. *bioRxiv : the preprint server for biology*.

Han H, et al. (2022) The Hippo pathway kinases LATS1 and LATS2 attenuate cellular responses to heavy metals through phosphorylating MTF1. *Nature cell biology*, 24(1), 74.

Baek SW, et al. (2022) YAP1 activation is associated with the progression and response to immunotherapy of non-muscle invasive bladder cancer. *EBioMedicine*, 81, 104092.

Sun T, et al. (2021) YAP promotes sorafenib resistance in hepatocellular carcinoma by upregulating survivin. *Cellular oncology (Dordrecht, Netherlands)*, 44(3), 689.

Yang WH, et al. (2021) The Hippo Pathway Effector YAP Promotes Ferroptosis via the E3 Ligase SKP2. *Molecular cancer research : MCR*, 19(6), 1005.

Sun T, et al. (2021) Autophagy-mediated negative feedback attenuates the oncogenic activity of YAP in pancreatic cancer. *International journal of biological sciences*, 17(13), 3634.

Márquez-Ortiz RA, et al. (2021) IL13R α 2 Promotes Proliferation and Outgrowth of Breast Cancer Brain Metastases. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 27(22), 6209.

Imam Aliagan A, et al. (2020) Chronic GPER1 Activation Protects Against Oxidative Stress-Induced Cardiomyoblast Death via Preservation of Mitochondrial Integrity and Deactivation of Mammalian Sterile-20-Like Kinase/Yes-Associated Protein Pathway. *Frontiers in endocrinology*, 11, 579161.

Park J, et al. (2019) Switch-like enhancement of epithelial-mesenchymal transition by YAP through feedback regulation of WT1 and Rho-family GTPases. *Nature communications*, 10(1), 2797.

Han H, et al. (2018) Hippo signaling dysfunction induces cancer cell addiction to YAP. *Oncogene*, 37(50), 6414.

Lee Y, et al. (2018) Dishevelled has a YAP nuclear export function in a tumor suppressor context-dependent manner. *Nature communications*, 9(1), 2301.

Lin C, et al. (2017) YAP1-TEAD1-Glut1 axis dictates the oncogenic phenotypes of breast cancer cells by modulating glycolysis. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 95, 789.

Zheng X, et al. (2017) LncRNA wires up Hippo and Hedgehog signaling to reprogramme glucose metabolism. *The EMBO journal*, 36(22), 3325.

Hsiao C, et al. (2016) Human pluripotent stem cell culture density modulates YAP signaling. *Biotechnology journal*, 11(5), 662.

Wang W, et al. (2015) AMPK modulates Hippo pathway activity to regulate energy homeostasis. *Nature cell biology*, 17(4), 490.

Vlug EJ, et al. (2013) Nuclear localization of the transcriptional coactivator YAP is associated with invasive lobular breast cancer. *Cellular oncology (Dordrecht)*, 36(5), 375.