

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pLKO.1 Sox2 HM a

RRID:Addgene_26353

Type: Plasmid

Proper Citation

RRID:Addgene_26353

Plasmid Information

URL: <http://www.addgene.org/26353>

Proper Citation: RRID:Addgene_26353

Insert Name: Sox2 shRNA

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19801978](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:pLKO; Vector Types:Mammalian Expression, Lentiviral, RNAi; Bacterial Resistance:Ampicillin

Comments: SOX2a shRNA sequence - CGAGATAAACATGGCAATCAA

Plasmid Name: pLKO.1 Sox2 HM a

Record Creation Time: 20220422T222118+0000

Record Last Update: 20260725T074507+0000

Ratings and Alerts

No rating or validation information has been found for pLKO.1 Sox2 HM a.

No alerts have been found for pLKO.1 Sox2 HM a.

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 [NIF](#) .

Ng KJ, et al. (2022) Sox2 in the dermal papilla regulates hair follicle pigmentation. Cell reports, 40(3), 111100.

Li J, et al. (2021) Identification and Characterization of Cancer Stem-Like Cells in ALK-Positive Anaplastic Large Cell Lymphoma Using the SORE6 Reporter. Current issues in molecular biology, 43(2), 543.

Singh N, et al. (2021) The long noncoding RNA H19 regulates tumor plasticity in neuroendocrine prostate cancer. Nature communications, 12(1), 7349.

Wang SQ, et al. (2020) CAMK2A supported tumor initiating cells of lung adenocarcinoma by upregulating SOX2 through EZH2 phosphorylation. Cell death & disease, 11(6), 410.

Zhang S, et al. (2019) OCT4 and PAX6 determine the dual function of SOX2 in human ESCs as a key pluripotent or neural factor. Stem cell research & therapy, 10(1), 122.

Murakami S, et al. (2019) A Yap-Myc-Sox2-p53 Regulatory Network Dictates Metabolic Homeostasis and Differentiation in Kras-Driven Pancreatic Ductal Adenocarcinomas. Developmental cell, 51(1), 113.

Arrizabalaga O, et al. (2017) High expression of MKP1/DUSP1 counteracts glioma stem cell activity and mediates HDAC inhibitor response. Oncogenesis, 6(12), 401.

Garros-Regulez L, et al. (2016) mTOR inhibition decreases SOX2-SOX9 mediated glioma stem cell activity and temozolomide resistance. Expert opinion on therapeutic targets, 20(4), 393.