

Resource Summary Report

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

pLKO-RB1-shRNA19

RRID:Addgene_25640

Type: Plasmid

Proper Citation

RRID:Addgene_25640

Plasmid Information

URL: <http://www.addgene.org/25640>

Proper Citation: RRID:Addgene_25640

Insert Name: RB1-shRNA 19

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20354191](#)

Vector Backbone Description: Backbone Size:7032; Vector Backbone:pLKO.1 puro; Vector Types:Mammalian Expression, Lentiviral, RNAi; Bacterial Resistance:Ampicillin

Plasmid Name: pLKO-RB1-shRNA19

Record Creation Time: 20220422T222115+0000

Record Last Update: 20260815T081246+0000

Ratings and Alerts

No rating or validation information has been found for pLKO-RB1-shRNA19.

No alerts have been found for pLKO-RB1-shRNA19.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Gbala I, et al. (2025) The retinoblastoma protein contributes to maintaining the stability of HPV E7 in cervical cancer cells. *Journal of virology*, 99(4), e0220324.

Klein FG, et al. (2021) Combination of Talazoparib and Palbociclib as a Potent Treatment Strategy in Bladder Cancer. *Journal of personalized medicine*, 11(5).

He T, et al. (2021) Identification of RUNX1T1 as a potential epigenetic modifier in small-cell lung cancer. *Molecular oncology*, 15(1), 195.

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

Wu Q, et al. (2020) GLUT1 inhibition blocks growth of RB1-positive triple negative breast cancer. *Nature communications*, 11(1), 4205.

De Cecco M, et al. (2019) L1 drives IFN in senescent cells and promotes age-associated inflammation. *Nature*, 566(7742), 73.

Qie S, et al. (2019) Targeting glutamine-addiction and overcoming CDK4/6 inhibitor resistance in human esophageal squamous cell carcinoma. *Nature communications*, 10(1), 1296.

Barnoud T, et al. (2016) Ras Regulates Rb via NORE1A. *The Journal of biological chemistry*, 291(6), 3114.

Kim KJ, et al. (2013) Rb suppresses collective invasion, circulation and metastasis of breast cancer cells in CD44-dependent manner. *PloS one*, 8(12), e80590.