

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

pSLIK sh human Rb 1534 hyg

RRID:Addgene_31500

Type: Plasmid

Proper Citation

RRID:Addgene_31500

Plasmid Information

URL: <http://www.addgene.org/31500>

Proper Citation: RRID:Addgene_31500

Insert Name: RB shRNA

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:13700; Vector Backbone:pSLIK-EGFP; Vector Types:Mammalian Expression, Lentiviral, RNAi; Bacterial Resistance:Ampicillin

Comments: The whole sequence for the shRNA including the loop should be from 3872-3931 in the vector:

AGCGAAACGATTATCCATTCAAATAGTGAAGCCACAGATGTATTTGAAT The shRNA is downstream of the EGFP GGATAATCGTT pSLIK vector from Ian Frasier

Plasmid Name: pSLIK sh human Rb 1534 hyg

Relevant Mutation: The target sequence for shRB 1534 is GAACGATTATCCATTCAAA

Record Creation Time: 20220422T222136+0000

Record Last Update: 20260815T081335+0000

Ratings and Alerts

No rating or validation information has been found for pSLIK sh human Rb 1534 hyg.

No alerts have been found for pSLIK sh human Rb 1534 hyg.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Chen HJ, et al. (2025) Metastatic small cell lung cancer arises from TP53/RB1-deficient and MYC overproduction hESC-derived PNECs. eLife, 13.

Chen HJ, et al. (2023) FORMATION OF MALIGNANT, METASTATIC SMALL CELL LUNG CANCERS THROUGH OVERPRODUCTION OF cMYC PROTEIN IN TP53 AND RB1 DEPLETED PULMONARY NEUROENDOCRINE CELLS DERIVED FROM HUMAN EMBRYONIC STEM CELLS. bioRxiv : the preprint server for biology.

Scully KM, et al. (2018) E47 Governs the MYC-CDKN1B/p27KIP1-RB Network to Growth Arrest PDA Cells Independent of CDKN2A/p16INK4A and Wild-Type p53. Cellular and molecular gastroenterology and hepatology, 6(2), 181.