

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pQCXIH-PSM-Rb

RRID:Addgene_37106

Type: Plasmid

Proper Citation

RRID:Addgene_37106

Plasmid Information

URL: <http://www.addgene.org/37106>

Proper Citation: RRID:Addgene_37106

Insert Name: Rb

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22249253](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:7800; Vector Backbone:pQCXIH; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: Also known as PSM.7LP (Knudsen and Wang 1997 MCB 17:5771).

Plasmid Name: pQCXIH-PSM-Rb

Relevant Mutation: aa 379-928 only; large pocket of human Rb with aa substitutions S780A, S788D, S795A, S807A, S811L, T821A, T826A

Record Creation Time: 20220422T222157+0000

Record Last Update: 20260815T081412+0000

Ratings and Alerts

No rating or validation information has been found for pQCXIH-PSM-Rb.

No alerts have been found for pQCXIH-PSM-Rb.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Downing NF, et al. (2026) PRC2/FOXO1-Mediated Repression Determines Interchangeability of ETS Oncogenes in Prostate Cancer and Ewing Sarcoma. Molecular cancer research : MCR, 24(1), 48.

Yamashita SI, et al. (2025) The mitophagy receptors BNIP3 and NIX mediate tight attachment and expansion of the isolation membrane to mitochondria. The Journal of cell biology, 224(7).

Li F, et al. (2019) Retinoblastoma Inactivation Induces a Protumoral Microenvironment via Enhanced CCL2 Secretion. Cancer research, 79(15), 3903.

Yoshida A, et al. (2017) MicroRNA-140 mediates RB tumor suppressor function to control stem cell-like activity through interleukin-6. Oncotarget, 8(8), 13872.

Kruer TL, et al. (2016) Expression of the lncRNA Maternally Expressed Gene 3 (MEG3) Contributes to the Control of Lung Cancer Cell Proliferation by the Rb Pathway. PloS one, 11(11), e0166363.