

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 17, 2026

413 pSG5L HA RB

RRID:Addgene_10720

Type: Plasmid

Proper Citation

RRID:Addgene_10720

Plasmid Information

URL: <http://www.addgene.org/10720>

Proper Citation: RRID:Addgene_10720

Insert Name: RB

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9420334](#)

Vector Backbone Description: Backbone Size:4000; Vector Backbone:pSG5L; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: 413 pSG5L HA RB

Record Creation Time: 20220422T221519+0000

Record Last Update: 20260815T080107+0000

Ratings and Alerts

No rating or validation information has been found for 413 pSG5L HA RB.

No alerts have been found for 413 pSG5L HA RB.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Lindström L, et al. (2025) Targeting TUBG1 in RB1-negative tumors. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(5), e70431.

Schaal DL, et al. (2024) Epstein-Barr virus replication within differentiated epithelia requires pRb sequestration of activator E2F transcription factors. Journal of virology, 98(10), e0099524.

Militi S, et al. (2023) RBL2-E2F-GCN5 guide cell fate decisions during tissue specification by regulating cell-cycle-dependent fluctuations of non-cell-autonomous signaling. Cell reports, 42(9), 113146.

Matreyek KA, et al. (2020) An improved platform for functional assessment of large protein libraries in mammalian cells. Nucleic acids research, 48(1), e1.

Huang CK, et al. (2018) Aspartate beta-hydroxylase promotes cholangiocarcinoma progression by modulating RB1 phosphorylation. Cancer letters, 429, 1.

Shi Y, et al. (2016) PPAR γ , a predictor of patient survival in glioma, inhibits cell growth through the E2F1/miR-19a feedback loop. Oncotarget, 7(51), 84623.

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

Thoompumkal IJ, et al. (2015) GNL3L Is a Nucleo-Cytoplasmic Shuttling Protein: Role in Cell Cycle Regulation. PloS one, 10(8), e0135845.

Kao SY, et al. (2015) Transactivation of human osteoprotegerin promoter by GATA-3. Scientific reports, 5, 12479.

Ehlén Å, et al. (2012) Tumors with nonfunctional retinoblastoma protein are killed by reduced γ -tubulin levels. The Journal of biological chemistry, 287(21), 17241.

Cheung CT, et al. (2011) Molecular characterization of apoptosis induced by CARF silencing in human cancer cells. Cell death and differentiation, 18(4), 589.

Ma Z, et al. (2010) p66(Shc) restrains Ras hyperactivation and suppresses metastatic behavior. Oncogene, 29(41), 5559.