

Resource Summary Report

Generated by [kravitz2](#) on Aug 9, 2026

pBABE BRG1

RRID:Addgene_1959

Type: Plasmid

Proper Citation

RRID:Addgene_1959

Plasmid Information

URL: <http://www.addgene.org/1959>

Proper Citation: RRID:Addgene_1959

Insert Name: BRG1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11238380](#)

Vector Backbone Description: Backbone Size:5200; Vector Backbone:pBABE-puro; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: Vector: pBabe linearized with Sall and CIP'd. Insert: pBS-CeBRG1 digested with Sall to liberate entire flag tagged BRG1 seq. (Kingston #1359)

Plasmid Name: pBABE BRG1

Relevant Mutation: E1262K R1575Q

Record Creation Time: 20220422T222046+0000

Record Last Update: 20260808T081353+0000

Ratings and Alerts

No rating or validation information has been found for pBABE BRG1.

No alerts have been found for pBABE BRG1.

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 [kravitz2](#) .

Cermakova K, et al. (2024) Reactivation of the G1 enhancer landscape underlies core circuitry addiction to SWI/SNF. Nucleic acids research, 52(1), 4.

Cheng Y, et al. (2022) Phase transition and remodeling complex assembly are important for SS18-SSX oncogenic activity in synovial sarcomas. Nature communications, 13(1), 2724.

Yang QQ, et al. (2021) Nuclear isoform of FGF13 regulates post-natal neurogenesis in the hippocampus through an epigenomic mechanism. Cell reports, 35(7), 109127.

G??rard C, et al. (2019) Dynamics and predicted drug response of a gene network linking dedifferentiation with beta-catenin dysfunction in hepatocellular carcinoma. Journal of hepatology, 71(2), 323.

Chang L, et al. (2018) The SWI/SNF complex is a mechanoregulated inhibitor of YAP and TAZ. Nature, 563(7730), 265.

Kaufmann B, et al. (2017) BRG1 promotes hepatocarcinogenesis by regulating proliferation and invasiveness. PloS one, 12(7), e0180225.

Tagal V, et al. (2017) SMARCA4-inactivating mutations increase sensitivity to Aurora kinase A inhibitor VX-680 in non-small cell lung cancers. Nature communications, 8, 14098.

Shain AH, et al. (2012) Convergent structural alterations define SWItch/Sucrose NonFermentable (SWI/SNF) chromatin remodeler as a central tumor suppressive complex in pancreatic cancer. Proceedings of the National Academy of Sciences of the United States of America, 109(5), E252.