

Resource Summary Report

Generated by [RRID](#) on Sep 3, 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: 20260902T043457+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 [RRID](#) .

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.