

Resource Summary Report

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

pbabe-c-mycT58A+HRasG12V

RRID:Addgene_11130

Type: Plasmid

Proper Citation

RRID:Addgene_11130

Plasmid Information

URL: <http://www.addgene.org/11130>

Proper Citation: RRID:Addgene_11130

Insert Name: c-myc, HRas

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16267004](#)

Vector Backbone Description: Backbone Size:4500; Vector Backbone:pbabe; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: Contains mouse c-myc and human Hras. This plasmid was generated by cloning c-MycT58A cDNA with flanking BamHI-EcoRI restriction sites added by PCR into the same sites of the polylinker of pBABEpuro or pBABEblast and by excising the selectable marker from the HindIII/Clal sites and ligating into the same site H-RasG12V cDNA in which HindIII/Clal sites were again added by PCR.

Plasmid Name: pbabe-c-mycT58A+HRasG12V

Relevant Mutation: c-myc T58A, A156T, and G438R; and H-Ras G12V

Record Creation Time: 20220422T221542+0000

Record Last Update: 20260808T080437+0000

Ratings and Alerts

No rating or validation information has been found for pbabe-c-mycT58A+HRasG12V.

No alerts have been found for pbabe-c-mycT58A+HRasG12V.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Yi Z, et al. (2026) SNORA49 negatively regulates self-renewal of liver cancer stem cells and hepatocarcinogenesis via suppressing SOX9 transcription. Nature communications, 17(1), 766.

Zhou Z, et al. (2025) SNORA74A Drives Self-Renewal of Liver Cancer Stem Cells and Hepatocarcinogenesis Through Activation of Notch3 Signaling. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 12(26), e2504054.

Gu Y, et al. (2024) SNORD88B-mediated WRN nucleolar trafficking drives self-renewal in liver cancer initiating cells and hepatocarcinogenesis. Nature communications, 15(1), 6730.

Chen Z, et al. (2021) Circular RNA cia-MAF drives self-renewal and metastasis of liver tumor-initiating cells via transcription factor MAFF. The Journal of clinical investigation, 131(19).

Wu T, et al. (2015) Use of a Closed Culture System to Improve the Safety of Lentiviral Vector Production. Human gene therapy methods, 26(6), 197.

Toledo CM, et al. (2014) BuGZ is required for Bub3 stability, Bub1 kinetochore function, and chromosome alignment. Developmental cell, 28(3), 282.