

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

[pSG5-P190](#)

RRID:Addgene_31285

Type: Plasmid

Proper Citation

RRID:Addgene_31285

Plasmid Information

URL: <http://www.addgene.org/31285>

Proper Citation: RRID:Addgene_31285

Insert Name: Bcr-abl fusion protein P190

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18813851](#)

Vector Backbone Description: Backbone Size:4076; Vector Backbone:pSG5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: This construct encodes a human chimeric P190-encoding Bcr/Abl oncogene. The construct was made by Leena Haataja in 1993.

Plasmid Name: pSG5-P190

Record Creation Time: 20220422T222135+0000

Record Last Update: 20260815T081330+0000

Ratings and Alerts

No rating or validation information has been found for pSG5-P190.

No alerts have been found for pSG5-P190.

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](#) .

Takeda K, et al. (2024) FL118 Is a Potent Therapeutic Agent against Chronic Myeloid Leukemia Resistant to BCR-ABL Inhibitors through Targeting RNA Helicase DDX5. International journal of molecular sciences, 25(7).

Masuda T, et al. (2022) RUNX1 transactivates BCR-ABL1 expression in Philadelphia chromosome positive acute lymphoblastic leukemia. Cancer science, 113(2), 529.

Uchihara Y, et al. (2018) Taxodione induces apoptosis in BCR-ABL-positive cells through ROS generation. Biochemical pharmacology, 154, 357.

Gudernova I, et al. (2017) One reporter for in-cell activity profiling of majority of protein kinase oncogenes. eLife, 6.

Leclerc GJ, et al. (2015) Mcl-1 downregulation leads to the heightened sensitivity exhibited by BCR-ABL positive ALL to induction of energy and ER-stress. Leukemia research.