

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

Kras (G12V)-pcw107

RRID:Addgene_64602

Type: Plasmid

Proper Citation

RRID:Addgene_64602

Plasmid Information

URL: <http://www.addgene.org/64602>

Proper Citation: RRID:Addgene_64602

Insert Name: KRAS

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25538079](#)

Vector Backbone Description: Backbone Marker:John Doench/Kathleen Ottina;
Backbone Size:9240; Vector Backbone:pcw107 (V5); Vector Types:Lentiviral; Bacterial
Resistance:Ampicillin

Comments: ACGT (N-term barcode, 17 nt upstream of CDS start). Working name: CTK-A1-STOP

Plasmid Name: Kras (G12V)-pcw107

Relevant Mutation: G12V

Record Creation Time: 20220422T222409+0000

Record Last Update: 20260912T093015+0000

Ratings and Alerts

No rating or validation information has been found for Kras (G12V)-pcw107.

No alerts have been found for Kras (G12V)-pcw107.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Smith AE, et al. (2021) HER2 + breast cancers evade anti-HER2 therapy via a switch in driver pathway. Nature communications, 12(1), 6667.

Lin KH, et al. (2016) Targeting MCL-1/BCL-XL Forestalls the Acquisition of Resistance to ABT-199 in Acute Myeloid Leukemia. Scientific reports, 6, 27696.