

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

[pcw107](#)

RRID:Addgene_62511

Type: Plasmid

Proper Citation

RRID:Addgene_62511

Plasmid Information

URL: <http://www.addgene.org/62511>

Proper Citation: RRID:Addgene_62511

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:25538079](#)

Vector Backbone Description: Backbone Marker:John Doench; Backbone Size:9240; Vector Backbone:pcw107; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Chloramphenicol and Ampicillin

Plasmid Name: pcw107

Record Creation Time: 20220422T222358+0000

Record Last Update: 20260725T074942+0000

Ratings and Alerts

No rating or validation information has been found for pcw107.

No alerts have been found for pcw107.

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 [NIF](#) .

Maslah N, et al. (2025) JAK2 inhibition mediates clonal selection of RAS pathway mutations in myeloproliferative neoplasms. *Nature communications*, 16(1), 6270.

Zhang J, et al. (2025) An integrated proteomic portrait of prostate cancer progression. *Cell reports*, 44(6), 115828.

Ota Y, et al. (2025) Beta-Catenin Mutations Can Impact on the Interplay Between Tumor and Immune Cells and Hepatic Microbiota in Hepatocellular Cancer. *Journal of hepatocellular carcinoma*, 12, 1677.

Huang D, et al. (2022) Cancer-cell-derived GABA promotes β -catenin-mediated tumour growth and immunosuppression. *Nature cell biology*, 24(2), 230.

Maddalena M, et al. (2021) TP53 missense mutations in PDAC are associated with enhanced fibrosis and an immunosuppressive microenvironment. *Proceedings of the National Academy of Sciences of the United States of America*, 118(23).

Arenas EJ, et al. (2021) Acquired cancer cell resistance to T cell bispecific antibodies and CAR T targeting HER2 through JAK2 down-modulation. *Nature communications*, 12(1), 1237.

Pietrobono S, et al. (2021) MAPK15 Controls Hedgehog Signaling in Medulloblastoma Cells by Regulating Primary Ciliogenesis. *Cancers*, 13(19).

Kobelt D, et al. (2021) The newly identified MEK1 tyrosine phosphorylation target MACC1 is druggable by approved MEK1 inhibitors to restrict colorectal cancer metastasis. *Oncogene*, 40(34), 5286.