

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

p53 (dominant negative R175H mutant)-pcw107-V5

RRID:Addgene_64638

Type: Plasmid

Proper Citation

RRID:Addgene_64638

Plasmid Information

URL: <http://www.addgene.org/64638>

Proper Citation: RRID:Addgene_64638

Insert Name: TP53 (transcript variant 3)

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: TGCA (N-term barcode, 17 nt upstream of CDS start). Working name: CTK-R1-V5

Plasmid Name: p53 (dominant negative R175H mutant)-pcw107-V5

Relevant Mutation: R175H

Record Creation Time: 20220422T222409+0000

Record Last Update: 20260815T081812+0000

Ratings and Alerts

No rating or validation information has been found for p53 (dominant negative R175H mutant)-pcw107-V5 .

No alerts have been found for p53 (dominant negative R175H mutant)-pcw107-V5 .

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 [RRID](#) .

Sayed AE, et al. (2026) The mTORC2 component SIN1 post-transcriptionally regulates TYMS levels and modulates P53 activity in response to 5-FU chemotherapy. Cell communication and signaling : CCS, 24(1), 111.

Przanowski P, et al. (2023) ANKLE1 cleaves mitochondrial DNA and contributes to cancer risk by promoting apoptosis resistance and metabolic dysregulation. Communications biology, 6(1), 231.