Resource Summary Report

Generated by RRID on Aug 25, 2026

pcDNA3-ATR WT

RRID:Addgene_31611
Type: Plasmid

Proper Citation

RRID:Addgene_31611

Plasmid Information

URL: http://www.addgene.org/31611

Proper Citation: RRID:Addgene_31611

Insert Name: ATR

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:16354678

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Plasmid contains an R1631H polymorphism. This is not thought to affect plasmid function.

Plasmid Name: pcDNA3-ATR WT

Record Creation Time: 20220422T222137+0000

Record Last Update: 20260815T081335+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-ATR WT.

No alerts have been found for pcDNA3-ATR WT.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Marx C, et al. (2025) DNA damage response regulator ATR licenses PINK1-mediated mitophagy. Nucleic acids research, 53(5).

Elvira-Bl??zquez D, et al. (2024) YTHDC1 m6A-dependent and m6A-independent functions converge to preserve the DNA damage response. The EMBO journal, 43(16), 3494.

Priya B, et al. (2023) Exploring SPK98 for the Selective Sensitization of ATM- or P53-Deficient Cancer Cells. ACS omega, 8(5), 4954.

Bai S, et al. (2022) Targeting Therapeutic Resistance and Multinucleate Giant Cells in CCNE1-Amplified HR-Proficient Ovarian Cancer. Molecular cancer therapeutics, 21(9), 1473.

Yu R, et al. (2022) LncRNA CTBP1-DT-encoded microprotein DDUP sustains DNA damage response signalling to trigger dual DNA repair mechanisms. Nucleic acids research, 50(14), 8060.

Sun HL, et al. (2020) Stabilization of ERK-Phosphorylated METTL3 by USP5 Increases m6A Methylation. Molecular cell, 80(4), 633.

Hu K, et al. (2020) ATM-Dependent Recruitment of BRD7 is required for Transcriptional Repression and DNA Repair at DNA Breaks Flanking Transcriptional Active Regions. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 7(20), 2000157.

Job A, et al. (2018) Inactivation of PRIM1 Function Sensitizes Cancer Cells to ATR and CHK1 Inhibitors. Neoplasia (New York, N.Y.), 20(11), 1135.

Tomita T, et al. (2018) C1D is not directly involved in the repair of UV-damaged DNA but protects cells from oxidative stress by regulating gene expressions in human cell lines. Journal of biochemistry, 164(6), 415.

Sethy R, et al. (2018) Regulation of ATM and ATR by SMARCAL1 and BRG1. Biochimica et biophysica acta. Gene regulatory mechanisms, 1861(12), 1076.

Chen CF, et al. (2017) ATR Mutations Promote the Growth of Melanoma Tumors by Modulating the Immune Microenvironment. Cell reports, 18(10), 2331.

Chen S, et al. (2017) Palmitoylation-dependent activation of MC1R prevents melanomagenesis. Nature, 549(7672), 399.