Resource Summary Report

Generated by RRID on Aug 25, 2026

hATMS1981A

RRID:Addgene_32300
Type: Plasmid

Proper Citation

RRID:Addgene_32300

Plasmid Information

URL: http://www.addgene.org/32300

Proper Citation: RRID:Addgene_32300

Insert Name: ATM

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:12556884

Vector Backbone Description: Backbone Marker:invitrogen; Backbone Size:5428; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: hATMS1981A

Relevant Mutation: S1981A

Record Creation Time: 20220422T222140+0000

Record Last Update: 20260815T081345+0000

Ratings and Alerts

No rating or validation information has been found for hATMS1981A.

No alerts have been found for hATMS1981A.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Wang G, et al. (2024) The DNA damage-independent ATM signalling maintains CBP/DOT1L axis in MLL rearranged acute myeloid leukaemia. Oncogene, 43(25), 1900.

Baughan SL, et al. (2022) Functional analysis of ATM variants in a high risk cohort provides insight into missing heritability. Cancer genetics, 264-265, 40.

Zhang J, et al. (2022) SERPINE2/PN-1 regulates the DNA damage response and radioresistance by activating ATM in lung cancer. Cancer letters, 524, 268.

Zhao J, et al. (2019) ATM Deficiency Accelerates DNA Damage, Telomere Erosion, and Premature T Cell Aging in HIV-Infected Individuals on Antiretroviral Therapy. Frontiers in immunology, 10, 2531.

Qian M, et al. (2018) Boosting ATM activity alleviates aging and extends lifespan in a mouse model of progeria. eLife, 7.

Zhao J, et al. (2018) Insufficiency of DNA repair enzyme ATM promotes naive CD4 T-cell loss in chronic hepatitis C virus infection. Cell discovery, 4, 16.