

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

[pLV.ATMi](#)

RRID:Addgene_14542

Type: Plasmid

Proper Citation

RRID:Addgene_14542

Plasmid Information

URL: <http://www.addgene.org/14542>

Proper Citation: RRID:Addgene_14542

Insert Name: ATM shRNA

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15709017](#)

Vector Backbone Description: Backbone Size:0; Vector Backbone:pRDI292; Vector Types:Mammalian Expression, Lentiviral, RNAi; Bacterial Resistance:Ampicillin

Comments: Sense oligo sequence used for cloning: ATM, 5'-GATCCCCGGA TTTGCGTATT ACTCAGTTCA AGAGACTGAG TAATACGCAA ATCCTTTTGT GAAA-3'.

Plasmid Name: pLV.ATMi

Record Creation Time: 20220422T221819+0000

Record Last Update: 20260815T080656+0000

Ratings and Alerts

No rating or validation information has been found for pLV.ATMi.

No alerts have been found for pLV.ATMi.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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

Suh JS, et al. (2023) A novel DNA double-strand breaks biosensor based on fluorescence resonance energy transfer. Biomaterials research, 27(1), 15.

Ji W, et al. (2020) Non-small cell lung cancer cells with deficiencies in homologous recombination genes are sensitive to PARP inhibitors. Biochemical and biophysical research communications, 522(1), 121.

Wang Y, et al. (2018) Temporal DNA-PK activation drives genomic instability and therapy resistance in glioma stem cells. JCI insight, 3(3).

Sinha N, et al. (2017) Abrus agglutinin promotes irreparable DNA damage by triggering ROS generation followed by ATM-p73 mediated apoptosis in oral squamous cell carcinoma. Molecular carcinogenesis, 56(11), 2400.