

Resource Summary Report

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

MSCB-hDot1Lwt

RRID:Addgene_74173

Type: Plasmid

Proper Citation

RRID:Addgene_74173

Plasmid Information

URL: <http://www.addgene.org/74173>

Proper Citation: RRID:Addgene_74173

Insert Name: hDot1L

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15851025](#)

Vector Backbone Description: Vector Backbone:pMSCB; Vector Types:Retroviral;
Bacterial Resistance:Ampicillin

Plasmid Name: MSCB-hDot1Lwt

Record Creation Time: 20220422T222453+0000

Record Last Update: 20260725T075122+0000

Ratings and Alerts

No rating or validation information has been found for MSCB-hDot1Lwt.

No alerts have been found for MSCB-hDot1Lwt.

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 [NIF](#) .

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.

Du L, et al. (2023) SUMOylation inhibition enhances multiple myeloma sensitivity to lenalidomide. *Cancer gene therapy*, 30(4), 567.

Malla AB, et al. (2023) DOT1L bridges transcription and heterochromatin formation at mammalian pericentromeres. *EMBO reports*, 24(8), e56492.

Vatapalli R, et al. (2020) Histone methyltransferase DOT1L coordinates AR and MYC stability in prostate cancer. *Nature communications*, 11(1), 4153.

Worden EJ, et al. (2019) Mechanism of Cross-talk between H2B Ubiquitination and H3 Methylation by Dot1L. *Cell*, 176(6), 1490.