

TRIM10 Is Downregulated in Acute Myeloid Leukemia and Plays a Tumor Suppressive Role via Regulating NF- κ B Pathway

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Table S1. Primers used for the qRT-PCR analysis.

Primer Name	Sequence (5'→3')
TRIM10-forward	TGCTTGAGTTGGACTATGAGCC
TRIM10-reverse	GGTTGTCTGGTGAGTTCTGCCA
DNMT1-forward	AGGTGGAGAGTTATGACGAGGC
DNMT1-reverse	GGTAGAATGCCTGATGGTCTGC
DNMT3A-forward	CCTCTTCGTTGGAGGAATGTGC
DNMT3A-reverse	GTTCCGCACATGAGCACCTCA
DNMT3B-forward	TAACAACGGCAAAGACCGAGGG
DNMT3B-reverse	TCCTGCCACAAGACAAACAGCC
ABL1-forward	GATACGAAGGGAGGGTGTACCA
ABL1-reverse	CTCGGCCAGGGTGTGAA
β -actin-forward	GGACTTCGAGCAAGAGATGG
β -actin-reverse	AGCACTGTGTTGGCGTACAG

Table S2. Primers used for the methylation-specific PCR (MSP) analysis.

Primer Name	Sequence (5'→3')
TRIM10-M F	GTAGTTGGGATTATAGGCGTCG
TRIM10-M R	TTAAAATCCGATATATTAACCGAAC
TRIM10-U F	AGTTGGGATTATAGGTGTTGG
TRIM10-U R	AAAAACCTTTAAAATCCAATATATTAACCA
ALU-F	TTAGGTATAGTGGTTATATTTGTAATTTAGTA
ALU-R	ATTAACATAACTAATCTTAAACTCCTAACCTCA

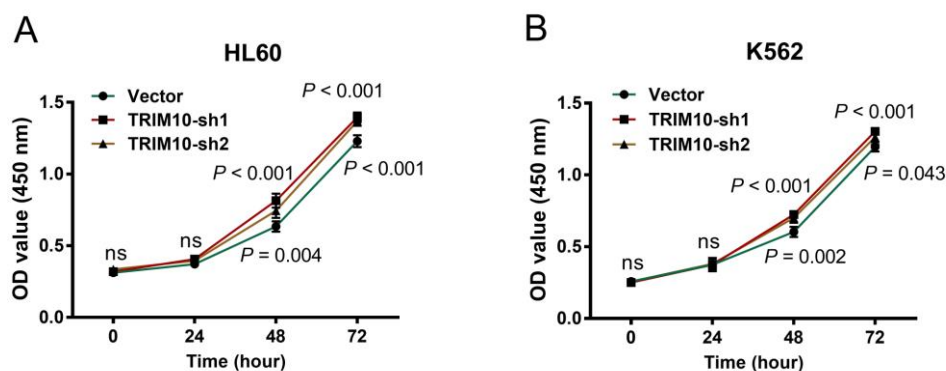


Figure S1. Growth curves of HL60 empty vector, HL60 TRIM10-sh1, HL60 TRIM10-sh1, K562 empty vector, K562 TRIM10-sh1, and K562 TRIM10-sh2 AML cell lines by measuring optical density (OD) value at 450 nm using CCK-8 analysis.