Supplementary Table S1. List of siRNA and shRNA target sequences used in this study

siRNA	Sense	Antisense
Negative siRNA control	CCTACGCCACCAATTTCGT	ACGAAATTGGTGGCGTAGG
SETD5 siRNA-1	CTGTATCCAGTGATCATGA	TCATGATCACTGGATACAG
SETD5 siRNA-2	GACTAGAACTCAGCACCTA	TAGGTGCTGAGTTCTAGTC

shRNA	Name	Target sequence
Negative control	Mission pLKO.1-puro non-mammalian shRNA control: SHC002	CAACAAGATGAAGAGCACCAA
SETD5 shRNA-1	SETD5:TRCN0000253860	CCGGTTGTGGGCAAACCTACT
SETD5 shRNA-2	SETD5:TRCN0000253862	CCGGCAACCGTGCTGCATCTA

Supplementary Table S2. RT-PCR primers used in this study

Gene	Forward primer sequence (5' to 3')	Reverse primer sequence (5' to 3')
SETD5	CCCAGAACCCACCACAGAGG	AGTTACTGCTGCCTTGCCCA
PSMB8	CACGGGTAGTGGGAACACTT	GACAACGCCTCCAGAATAGC
ICAM1	GGCCTCAGTCAGTGTGA	AACCCCATTCAGCGTCA
MYLK3	GTGGCTTGTCCCCATTTCTA	AACAAAGTCCTTGGCCTCCT
DDX60	CCCAGGGTCCAGGATTTTAT	GAACAGTTGCTGCCACTTGA
SSPN	GCTCAGCAGGACCTTTGTTT	GCCGCAGACCAAATTAAGAA
PKM	ATGTCGAAGCCCCATAGTGAA	TGGGTGGTGAATCAATGTCCA
ACTB	AGAGCTACGAGCTGCCTGAC	AGCACTGTGTTGGCGTACAG
MDA5	TGCAGTGTGCTAGCCTGTTC	AGTCGGCACACTTCTTTTGC