

Table S1. Primers used in the study.

Gene	Sequences	Applications
TMBIM6	F: 5'-TCATATAACCCCGTCAACGC-3'	MeRIP -qPCR
	R: 5'-CAAATCCAGCAAGAAGTCCC-3'	
ATAD3A	F: 5'-TTTCCGTCACCCGTTTGC-3'	MeRIP -qPCR
	R: 5'-ATTCAGGGCGTCCTTGGC-3'	
CASP9	F: 5'-GGTCGCTAATGCTGTTTCGGT-3'	MeRIP -qPCR
	R: 5'-GTGCAAGATAAGGCAGGGTGAG-3'	
MAP3K6	F: 5'-GTGCTTCCCCAGCGTAGG-3'	MeRIP -qPCR
	R: 5'-TCCGTGTACTCATAATCAAACCTCC-3'	
CPNE5	F: 5'-CCCCTCCTCAATTTCTTGG-3'	MeRIP -qPCR
	R: 5'-GTACCCCTCTTTCACCCGT-3'	
HMG20A	F: 5'-CCTTCCCCCTCCTTAGTGA-3'	MeRIP -qPCR
	R: 5'-TCTGTGAATAGCCACCGCA-3'	
RBM15	F: 5'-GGCTGCCTGAGGAGAGTGGAG-3'	qRT-PCR
	R: 5'-CGGCTACTGCTCAATTCTGGACTG-3'	
TMBIM6	F: 5'-GCACGGACTCTGGAACCATGAAC-3'	qRT-PCR
	R: 5'-GCAGCCGCCACAAACATACAAAG-3'	
ATAD3A	F: 5'-ATCAATGAGATGGTCCACTTCG-3'	qRT-PCR
	R: 5'-CCGGCTTAAGAACATACTTGTC-3'	
CASP9	F: 5'-GACCAGAGATTCGCAAACCGAGAGG-3'	qRT-PCR
	R: 5'-AAGAGCACCGACATCACCAAATCC-3'	

MAP3K6	F: 5'-CTCTACAGCGGCTGAATGAG-3' R: 5'-TGAATCCACATTCAGTTCCTGT-3'	qRT-PCR
CPNE5	F: 5'-AAAGACATGTTTTCCAAGTCCG-3' R: 5'-ACGTCGTATAGATCAAAACGGA-3'	qRT-PCR
HMG20A	F: 5'-GGAGAGTAATGATCTGGCTACC-3' R: 5'-ACAAATTCTGGATTGTTGGTGG-3'	qRT-PCR
IGF2BP3	F: 5'-GAGGCGCTTTCAGGTAAAATAG-3' R: 5'-AATGAGGCGGGATATTTTCGTAT-3'	qRT-PCR
GAPDH	F: 5'-TGAACGGGAAGCTCACTGG-3' R: 5'-TCCACCACCCTGTTGCTGTA-3'	qRT-PCR
TMBIM6-2222	F: 5' TTCAGTGTGAGAGGATCGAGC 3' R: 5' CTGAGGCCACTGTGTCAAAC 3'	MeRIP -qPCR
CPNE5-1572	F: 5' CCATGAAGCTGATGGGTTTG 3' R: 5' ATGGCCTACGGTCCATGATTA 3'	MeRIP -qPCR

Abbreviation: ATAD3A: ATPase family AAA domain containing 3A; CASP9: caspase 9; CPNE5: copine 5; GAPDH, glyceraldehyde-3-phosphate dehydrogenase; HMG20A: high mobility group 20A; IGF2BP3: insulin like growth factor 2 mRNA binding protein 3; MAP3K6: mitogen-activated protein kinase kinase kinase 6; RBM15: RNA binding motif protein 15; TMBIM6: transmembrane BAX inhibitor motif containing 6