



Supplementary Figure 1. The protein level of DNMT3A and TIMP2 in CRC and mCRC patient tissues. (A) Detection of DNMT3A and TIMP2 by western blotting. (B) Quantification of DNMT3A protein. (C) Quantification of TIMP2 protein. * $P < 0.05$

Table S1: Primers and oligonucleotides used in this study

Name	Sequence (5'-3')
GAPDH-Forward	CAATGACCCCTTCATTGACC
GAPDH Reverse	GACAAGCTTCCCGTTCTCAG
TDG-Forward	GGCTAATTGAGAGCGTGGAG
TDG-Reverse	GCATGGCTTTCTTCTTCCTG
MMP2-Forward	CTTCTTCCCTCGCAAGCC
MMP-Reverse	ATGGATTCGAGAAAACCG
MMP9-Forward	ACGCAGACATCGTCATCC
MMP9-Reverse	AACCGAGTTGAACCACG
TIMP1-Forward	GCAATTCCGACCTCGTCATCA
TIMP1-Reverse	GCAATTCCGACCTCGTCATCA
TIMP2-Forward	CAGATGTAGTGATCAGGGCCA
TIMP2-Reverse	AGGGCACGATGAAGTCACAG
DNMT3A-Forward	TATTGATGAGGCGCACAAAGAGAGC
DNMT3A-Reverse	GGGTGTTCCAGGGTAACATTGAG
NC	UUCUCCGAACGUGUCACGUTT
siDNMT3A-1	GCCUCAAGAGCAGUGGAAATT
siDNMT3A-2	GGUCAUUGCAGGAAUGAAUTT
TIMP2primer 1-Forward	GCCCGGCTAATTTCTTGTG
TIMP2primer 1-Reverse	GCCTGTAATCCCAGCACTTT
TIMP2primer 2-Forward	GGAGGTGGCGACAGGGAA
TIMP2primer 2-Reverse	CAGCTCGACTCTGGAGGGCTA
TIMP2primer 3-Forward	CGGGAGGAGGAGCAGAAA
TIMP2primer 3-Reverse	CGCTGCCTTCTACGGATGT
TIMP2-MF1	TAGGTTGGAGTGTAGTGGCGTA
TIMP2-MR1	TTCGAAACCAACCTAACGACT
TIMP2-UF1	TAGGTTGGAGTGTAGTGGTGTA
TIMP2-UR1	AAAAATTCAAAACCAACCTAACAACT
TIMP2-MF2	TTTGGTGT TTTGGAAGAACGGGCG
TIMP2-MR2	CGACCCCGATCCCGCTACG
TIMP2-UF2	TTTGGTGT TTTGGAAGAATGGGTC
TIMP2-UR2	CCAACCCCAATCCCACTACA