

## SUPPLEMENTARY TABLES

**Supplementary Table 1. Primers and oligonucleotides used in this work.**

Name	Sequence 5'-3'
miR-5701-inhibitor ctrl	CAGTACTTTTGTGTAGTACAA
miR-5701-inhibitor	AATCAGAACGTGACAATAA
FGFR2 3'UTR-S	CGTTAATTTTTATACTGACAATAAC
FGFR2 3'UTR-AS	TCGAGTTATTGTCAGTATAAAAAATTAACGAGCT
FGFR2 3'UTR-MUT-S	CGTTAATTTTTATACTCTCTTTAAC
FGFR2 3'UTR-MUT-AS	TCGAGTTAAAGAGAGTATAAAAAATTAACGAGCT
MBD1-S	CCCTGCGTGTGATCTCACC
MBD1-AS	ACCTGACGTTTCCGAGTCTTG
DNMT3A-S	TATTGATGAGCGCACAAGAGAGC
DNMT3A-AS	GGGTGTTCCAGGGTAACATTGAG
DNMT3B-S	GAATTACTCACGCCCAAGGA
DNMT3B-AS	ACCGTGAGATGTCCCTCTTGTC
DNMT1-S	CCCCTGAGCCCTACCGAAT
DNMT1-AS	CTCGCTGGAGTGGACTTGTG
HDAC3-S	CCTGGCATTGACCCATAGCC
HDAC3-AS	CTCTTGGTGAAGCCTTGCATA
U6-RT	CGCTTCACGAATTTGCGTGTGTCAT
U6-F	GCTTCGGCAGCACATATACTAAAAT
U6-R	CGCTTCACGAATTTGCGTGTGTCAT
miR-5701-RT	GTCGTATCCAGTGCGTGTGCTGGAGTCGGCAATTGCACTGGATACGACAATCAGAACG
miR-5701-F	ATCCAGTGCGTGTGCTG
miR-5701-R	TGCTTTATTGTGTCACGTTCT
GAPDH-F	AGGTCCACCACTGACACGTT
GAPDH-R	GCCTCAAGATCATCAGCAAT
FGFR2-F	TGACATTAACCGTGTTCCTGAG
FGFR2-R	TGGCGAGTCCAAAGTCTGCTAT
siDNMT3A-1-S	GCGUCACACAGAAGCAUUAU
siDNMT3A-1-AS	AUAUGCUUCUGUGACGC
siDNMT3A-2-S	CGGCUCUUCUUGAGUUCU
siDNMT3A-2-AS	AGAACUCAAGAAGAGCCG
siDNMT3A-3-S	CAGUGGUGUGUUGAGAA
siDNMT3A-3-AS	UUCUCAACACACCACUG
siMBD1-1-S	CCGGGAACAGAGAAUGUUU
siMBD1-1-AS	AAACAUUCUCUGUUCCTGG
siMBD1-2-S	GGAGGAGAACAAGGAUGAU
siMBD1-2-AS	AUCAUCCUUGUUCUCCUC
siMBD1-3-S	GGGAAGAUUGAUGUAAAGU
siMBD1-3-AS	ACUUUACAUCCAUCUCC
siHDAC3-1-S	GGGCGGCGGGCGGCGGAGGU
siHDAC3-1-AS	ACCUCGCGCCCGCCGCGCC
siHDAC3-2-S	GGCTTCACCAAGAGTCTTA
siHDAC3-2-AS	TAAGACTCTTGGTGAAGCC
siHDAC3-3-S	GGAGCAACCCAGCTGAACA
siHDAC3-3-AS	TGTTCACTGGGTTGCTCC
Pre-miR-5701-S	AATTCGATTGGACTTTATTGTCACGTTCTGATTGGTTAGCCTAAGACTTGTCTGATCCAATCAGAACA TGAAAATAACGTCCAATCA
Pre-miR-5701-AS	AGCTTGATTGGACGTTATTTTCATGTTCTGATTGGATCAGAACAAGTCTTAGGCTAACCAATCAGAACG TGACAATAAAGTCCAATCG

**Supplementary Table 2. Primers for CHIP-PCR.**

<b>Name</b>	<b>Sequence 5'-3'</b>
Primer-1 S	TGTCCCTGGCTTACTTCACT
Primer-1 AS	GTTTGAGGCACATGGATTGA
Primer-2 S	GATTCCATATCTTGGCTATTGTG
Primer-2 AS	TATCCAAAGAAAAGGAAATCAGT
Primer-3 S	AGTAGCCATTCTAAGTGGGGTGA
Primer-3 AS	CATCAGGGAAATGCAAATCAA
Primer-4 S	AGGAAAACATATTTGTTGGTCAT
Primer-4 AS	CAAGGAACTCTTGACATCTCAAT
Primer-5 S	TCTGCCAATTTCTTCCTTTGA
Primer-5 AS	ACTTACGCGATCCTCTTCTGC
Primer-6 S	GGGTACAGAAGAAACATACTGC
Primer-6 AS	ATCATGTTCCAGATCTTAGAGG
Primer-7 S	GCCCACTGTCACCACTGTT
Primer-7 AS	GGGGCTACACTGCTGGTTG
Primer-8 S	CCCACCTCACTGTTGCCA
Primer-8 AS	TATCTGGGGCTGTGCTGC
Primer-9 S	GGGCAGTGACGCCTGAGAT
Primer-9 AS	GTTGGTGGCAGCGATGGA
Primer-10 S	GCTGGCACCTCCTACTCCA
Primer-10 AS	CCTCGTCGGCATCTGACTT