

Table S4. Sequences of primers, siRNAs and plasmids used in the study.**siRNA**

GABPA (G1)		5'-GGAGCUGAUAGAAAUUGAGAUUGAU-3'
GABPA (G2)		5'-GCAGAGUGCACAGAAGAAAGCAUUG-3'
TGFBR2 (1)		5'-CUGACUUGUUGCUAGUCAUUAUUUCA-3'
TGFBR2 (2)		5'-CUCUGAUGAGUGCAAUGACAACATC-3'
L-2HGDH (1)		5'-GGUGCAACAGUGAAGUAUCUUCAAA
L-2HGDH (2)		5'-ACAAGAAUGUACUAAUUGCAUUCTT-3'
MDH2 (1)		5'-CUGAAGCGUGACGCUUUCaucagTA-3'
MDH2 (2)		5'-GAAGCCAUGAUCUGCGUCAUUGCCA-3'
LDHB (1)		5'-AAGUACAGUCCUGAUUGCAUCAUAA-3'
LDHB (2)		5'-UAUGAAGUCAUCAAGCUAAAAGGAT-3'

QRT-PCR

<i>GABPA</i>	Forward	5'- AAGAACGCCTTGGGATACCCT-3'
	Reverse	5'- GTGAGGTCTATATCGGTCATGCT-3'
<i>TGFBR2</i>	Forward	5'-ctg ccc atc cac tga gac at-3'
	Reverse	5'-ctg cag ttg ctc atg cag gat-3'
<i>TERT</i>	Forward	5'-CGGAAGAGTGTCTGGAGCAA-3'
	Reverse	5'-GGATGAAGCGGAGTCTGGA-3'
<i>L-2HGDH</i>	Forward	5'-caa gaa gca ggt ggc tct gtc t-3'
	Reverse	5'-gca cat gtc aca aca tac tga ca-3'
<i>MDH2</i>	Forward	5'-ctg agc cac atc gag acc aa-3'
	Reverse	5'-ccg gaa taa cta cca cat cac a-3'
<i>LDHB</i>	Forward	5'-gga tct gca gca tgg gag ct -3'
	Reverse	5'-cgg act cct gca gtt acc act-3'
<i>cMYC</i>	Forward	5'-TACCCTCTCAACGACAGCAGCTCGCCCAAGTCCT-3'
	Reverse	5'-TCTTGACATTCTCCTCGGTGTCCGAGGACCT-3'
<i>CCND1</i>	Forward	5'-GCC GAG AAG CTG TGC ATC T-3'
	Reverse	5'-CTC CTC CGC CTC TGG CAT T-3'
<i>CDKN1A</i>	Forward	5'-GCGACTGTGATGCGCTAAT-3'
	Reverse	5'-TAGGGCTTCCTCTTGGAGAA-3'
<i>ZEB1</i>	Forward	5'-AGCAGTGAAAGAGAAGGGAATGC-3'
	Reverse	5'-GGTCCTCTTCAGGTGCCTCAG-3'

CDH1	Forward	5'-TTCCTCCCAATACATCTCCC-3'
	Reverse	5'-TTGATTTTGTAGTCACCCACC-3'
<i>Vimentin</i>	Forward	5'-CTC TTC CAA ACT TTT CCT CCC-3'
	Reverse	5'-AGT TTC GTT GAT AAC CTG TCC-3'
OCT.	Forward	5'-GGG TGG AGG CTG ACA ACA-3'
	Reverse	5'-CGG GCA CTG CAG GAA CAA AT-3'
CD44	Forward	5'-GGG GTC TAC ATC CTC ACA TCC A-3'
	Reverse	5'-CGG GTG CCA TCA CGG TTA ACA-3'
NANOG	Forward	5'-cacggagactgtctctctct-3'
	Reverse	5'-ctgggtggaagagaacacagt-3'
β 2-M	Forward	5'-GAATTGCTATGTGTCTGGGT-3'
	Reverse	5'-CATCTCAAACCTCCATGATG-3'

ChIP assay

TGFBR2 promoter region 1	Forward	5'-cct gga gac cct ggc aca a-3'
	Reverse	5'-gcc ctc tgg tca gta gat ct-3'
TGFBR2 promoter region 2	Forward	5'-ccc acc act atc act tcg tga-3'
	Reverse	5'-cct gga tag agc gtc cca ttt-3'
GABPA promoter cg08521263	Forward	5'-CAG AGG GTC TTC ATT TCT TCA-3'
	Reverse	5'-GGG TAA GGT CTC CAC TGG GA-3'

Plasmids

pGL3-TGFBR2-Promoter reporters (wt)	Shanghai Integrated Biotech Solutions Co.,Ltd
pGL3-TGFBR2-Promoter reporters (mt)	Shanghai Integrated Biotech Solutions Co.,Ltd
GABPA expression plasmid	Shanghai Integrated Biotech Solutions Co.,Ltd
L-2HGDH expression plasmid	Origene
TGFBR2 expression plasmid	Addgene
