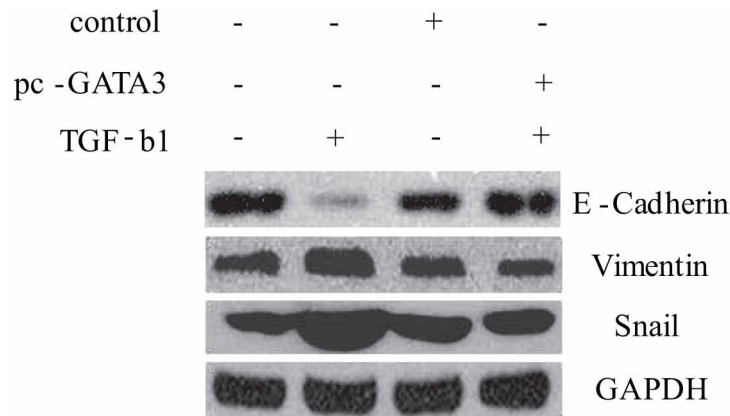


## SUPPLEMENTARY FIGURE AND TABLES



**Supplementary Figure S1: GATA3 inhibits TGF- $\beta$ 1-induced EMT in PCa cells.** The expression levels of E-Cadherin, Vimentin and Snail were detected by Western blotting after indicated treatments.

## Supplementary Table S1: Details of siRNA used in this study

MicroRNA	Sequence	Catalog no.
573 mimic	CUGAAGUGAUGUGUAACUGAUCAG	SI02664431
573 inhibitor	CUGAAGUGAUGUGUAACUGAUCAG	SI02664053
siRNA		
FGFR1#1	AACAGATAACACCAAACCAAA	SI02757265
FGFR1#2	CAGAGATTTACCCATCGGGTA	SI02757258
GATA3#1	ACAGACCGAACTGTTGTATAA	SI00132433
GATA3#2	CACCGAAAGCAAATCATTCAA	SI00132447

## Supplementary Table S2: Primers used in this study

Gene	Forward	Reverse
Vector		
GATA3	CGGAATTCATGGAGGTGACGGCG	GCTCTAGAGCCTAACCCATGGCGGT
TXNDC5	CGCGGATCCATGGAAGATGCCAAAGT	CCGCTCGAGCTAAAGTTCGTCTTTCG
FGFR1 3'UTR (wild type)	AAAAGTACTTTTAGAAAAAGAAGATGTC	CCCCCGGGGGCTGGTCCATGGATA
FGFR1 3'UTR (mutant type)	CTTTGCTGCCAGCCAGAAGATCCCCTCCAGATG	CATCTGGGAGGGGATCTTCTGGCTGGCAGCAAAG
pGL3-basic-miR573(+295~-87)	CGAGCTCGTGTAAGATATTTACTT	CCCTCGAGGGAATTTGCATCTCAAA
pGL3-basic-miR573(+497~-87)	CGAGCTCGAGCTGGTATTGAGTTCT	CCCTCGAGGGAATTTGCATCTCAAA
pGL3-basic-miR573(+707~-87)	CGAGCTCGTCACAGGTTCAAGCGA	CCCTCGAGGGAATTTGCATCTCAAA
CHIP		
miR573-pro-380	TCACAGGTTCAAGCGA	AGAACTCAATACCAGCTG
miR573-pro-620	AGCTGGTATTGAGTTCTTA	AAGTAAATATCTTACAA