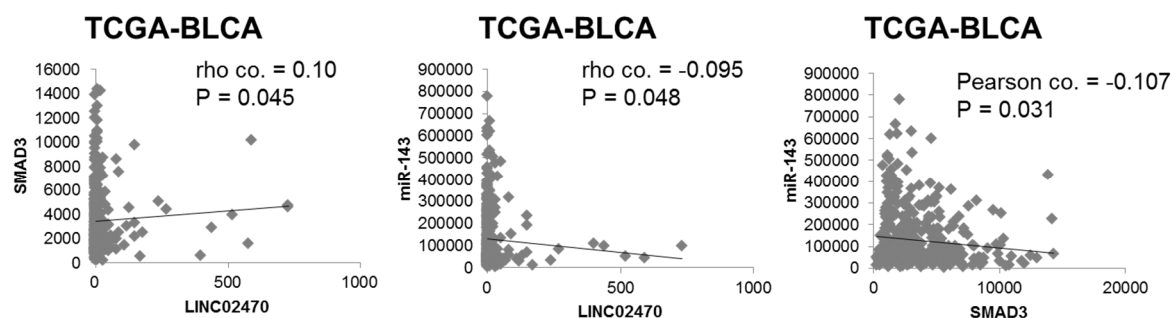
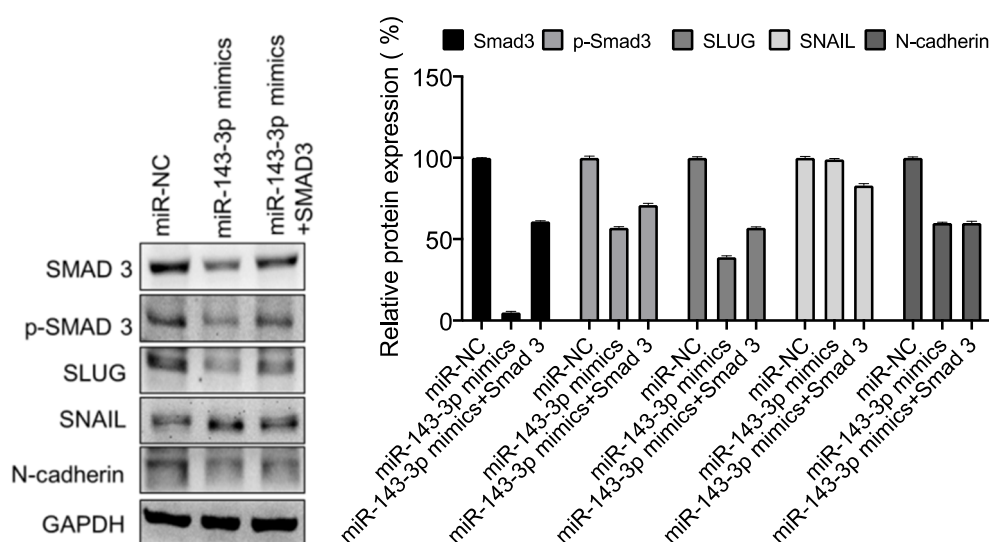


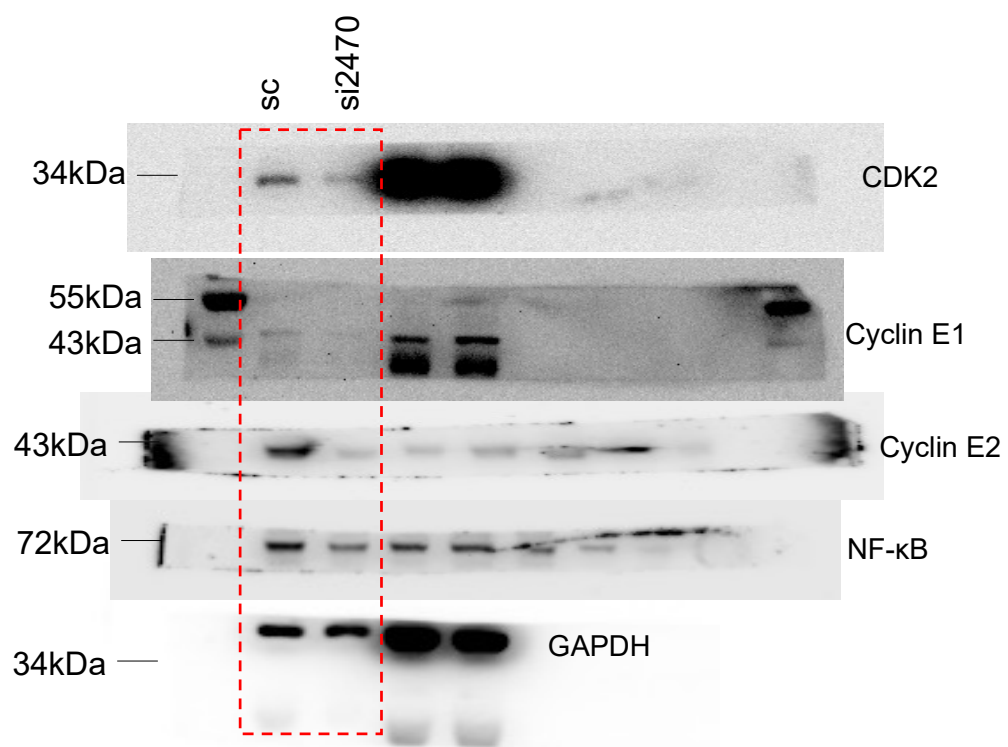
Supplemental Figure S1. (A) The wound-healing assay was used to evaluate LINC02470 effect on cell migration, and T24 and J82 cells transfected with si2470 revealed slower wound-healed ability compared to sc groups. And TSGH-8301 cells transfected with pCMV-LINC02470 (2470) revealed faster wound-healed ability compared to vector group. (B, C, D) The bar-charts were used to show the relative wound area of each group.

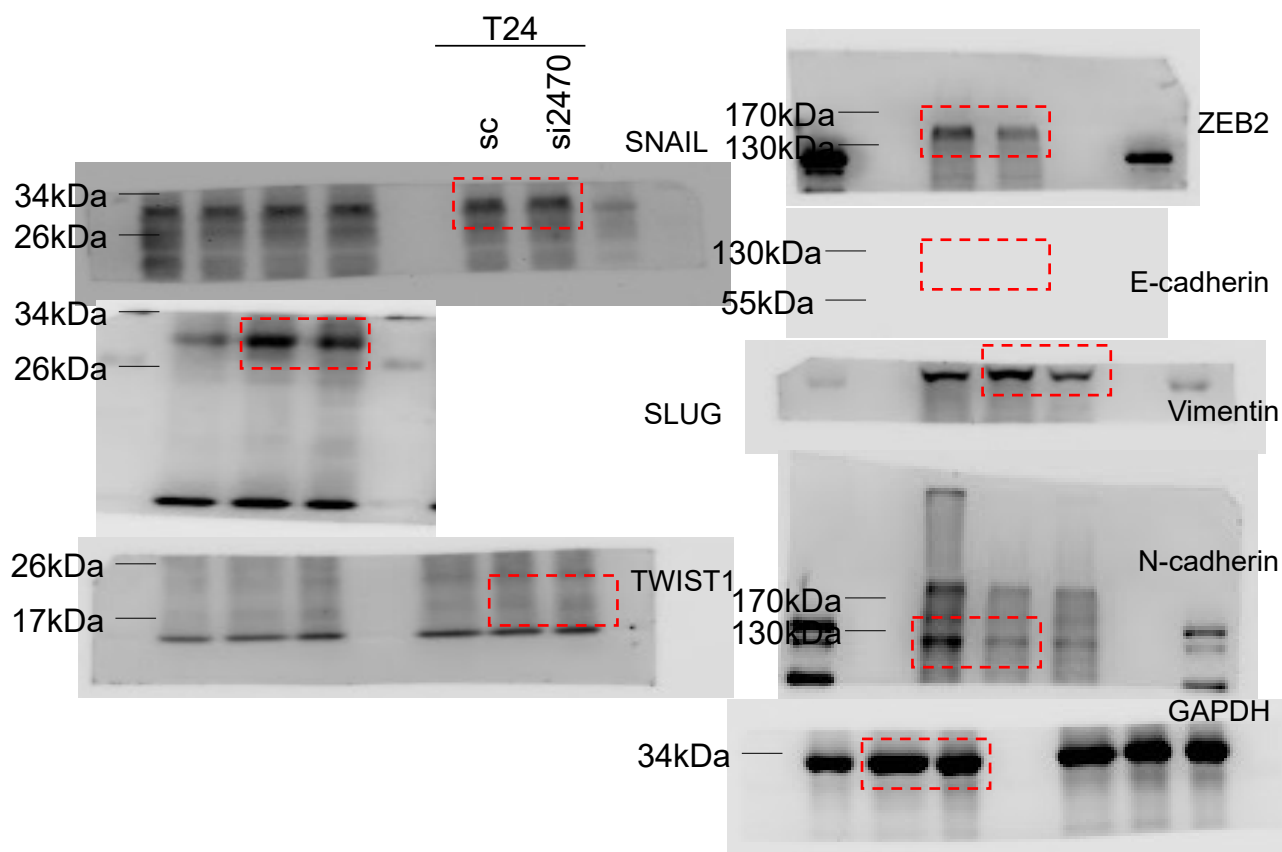


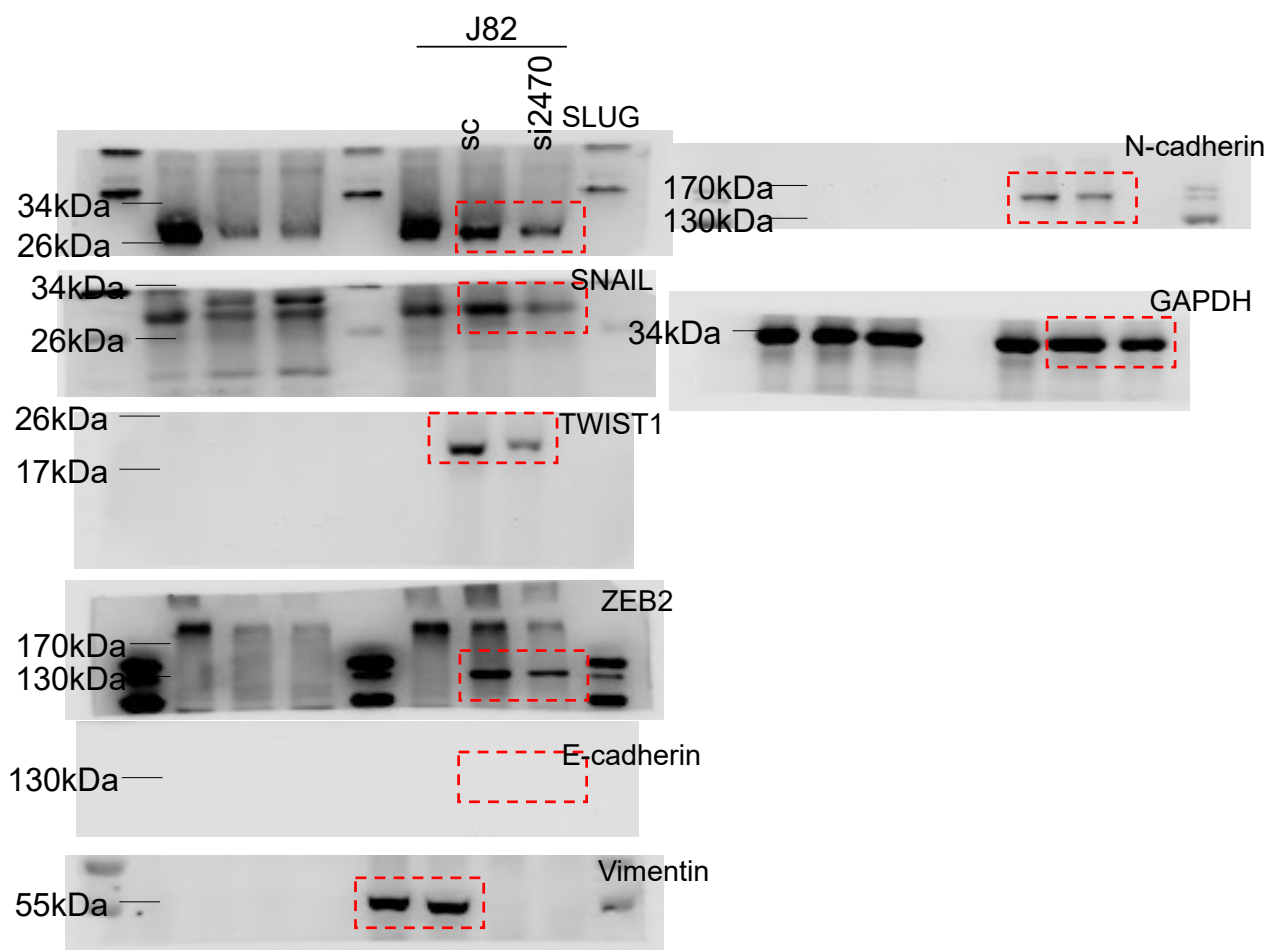
Supplemental Figure S2. The expression of SMAD3 and LINC02470 revealed a positive correlation but the expression of miR-143 was negatively correlated with either LINC02470 or SMAD3 in TCGA-BLCA dataset. The LINC02470 data were collected with discrete percentage and more proper to be analyzed with Spearman rho correlation but miR-143 and SMAD3 were recorded as continuous variables and analyzed with Pearson correlation.



Supplemental Figure S3. The miR143-3p mimics significantly inhibited SMAD3, active phosphorylated SMAD3, SLUG and N-cadherin. And overexpressed SMAD3 rescued the inhibitory effects of miR-143-3p mimics and recovered the expression of SMAD3, active phosphorylated SMAD3, SLUG and N-cadherin. And Bar chart showing the relative protein levels, which were normalized to GAPDH; the miR-NC group was used as the comparative baseline.



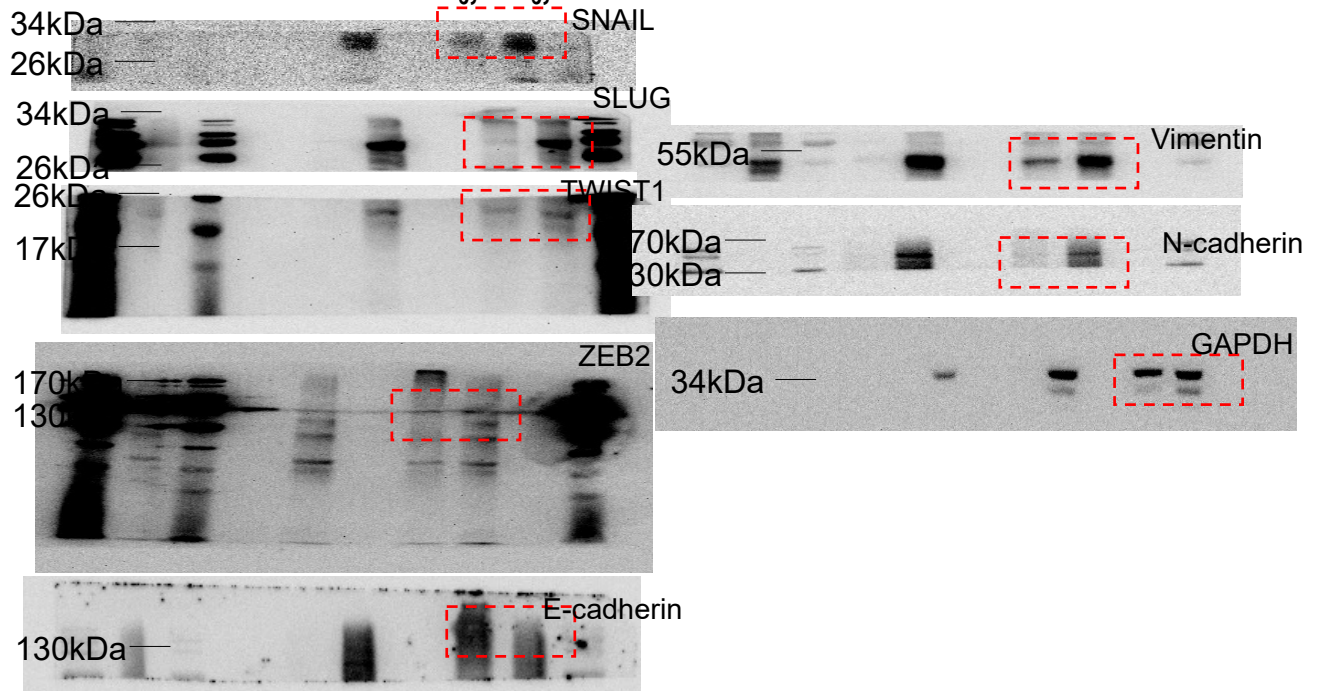


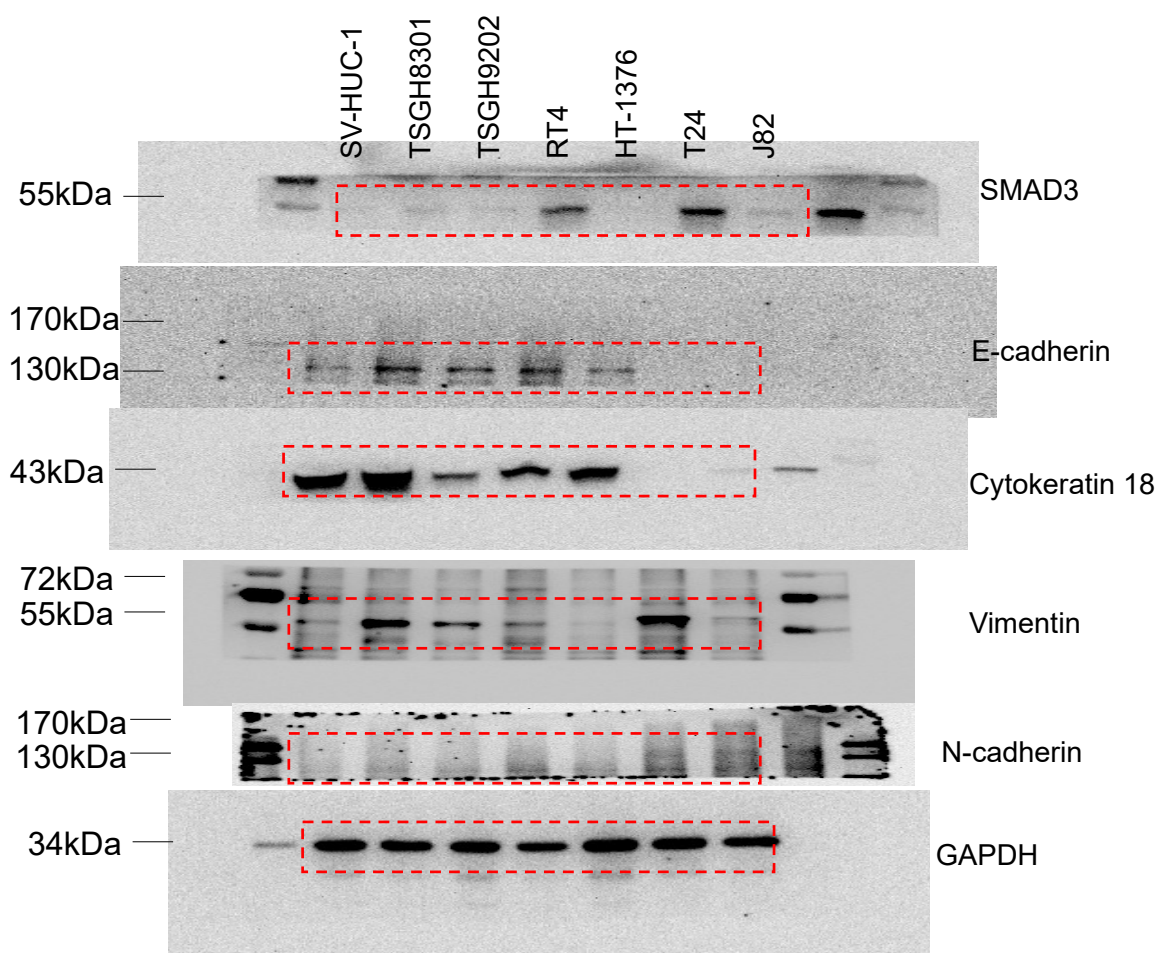


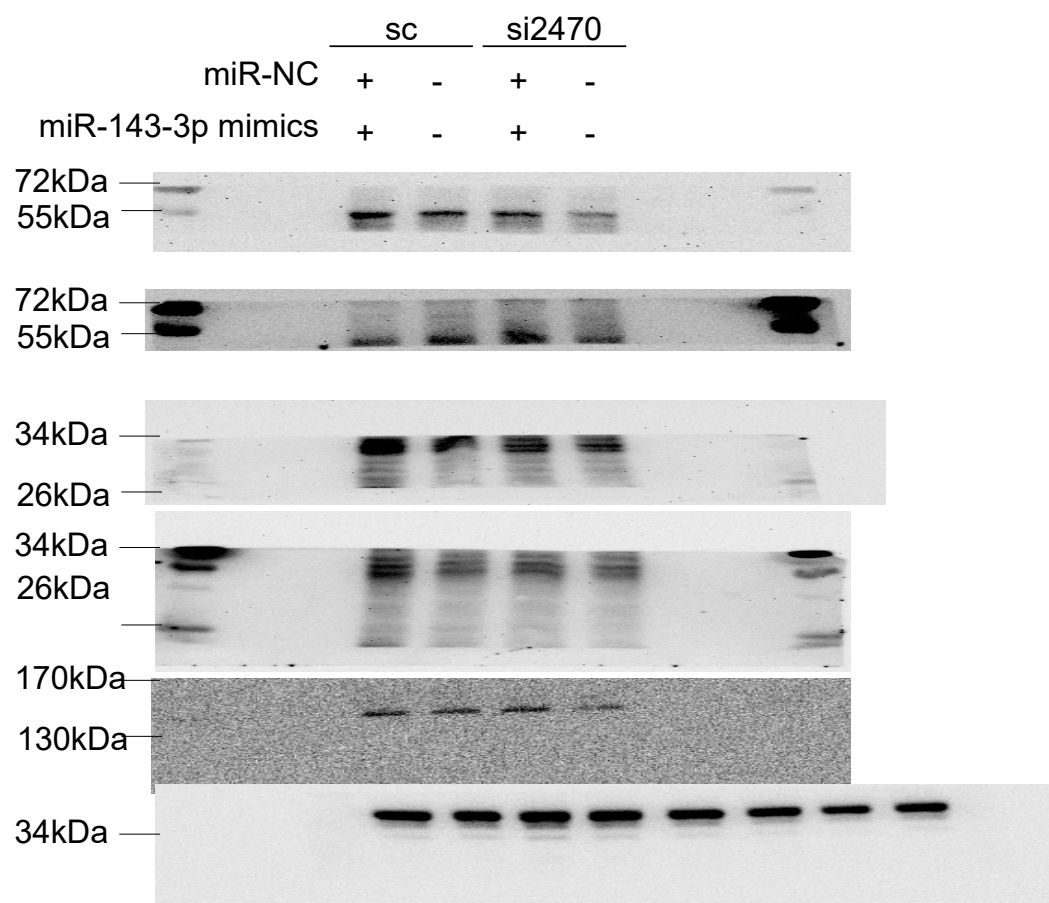
TSGH
-8301

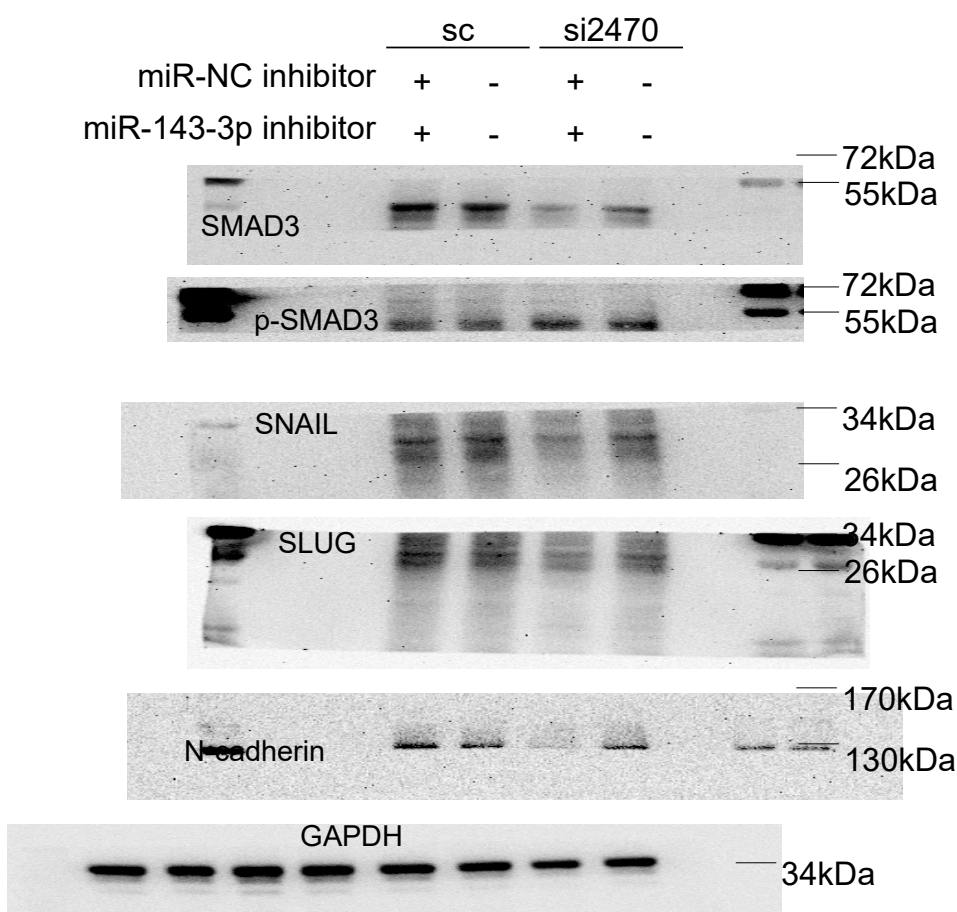
sc

si2470









Supplementary Figure S4: Full Western blot images

Supplementary Table S1. Primer list

MIR4697HG	Forward (5'-3')	CCACGGTCTCTGCACAAGGG
	Reverse (5'-3')	TGCATGTGGCCAGAAGTCGG
TRMU	Forward (5'-3')	GGGGTCTGTACTGCCGACAA
	Reverse (5'-3')	GCATCCTGGGAAACCTGGCATT
IGFL2-AS1	Forward (5'-3')	GCCCCAAGGGCTCATTACACA
	Reverse (5'-3')	TGTGTAAGTAACACGTCCTGGGT
LINC01451	Forward (5'-3')	TGAGCTGTGCATCCCGTGTG
	Reverse (5'-3')	CGCCACAGTCCGTGTGTGAT
GLIDR	Forward (5'-3')	CGAATCCACCCATTGCCCCGT
	Reverse (5'-3')	GAGGCGTCTCTTCCGTGCAG
LOC728673	Forward (5'-3')	TGACGGGCGAGGGTTACTGT
	Reverse (5'-3')	CCGCTCAGGCTCAAGAGCAA
LINC01291	Forward (5'-3')	GTGACCAGCAGCATGTGTTTCCA
	Reverse (5'-3')	CAGGACTCACTGGCAATTCACCT

LINC02470	Forward (5'-3')	AGCAGACCAACACGCCAGAA
	Reverse (5'-3')	AGAAGAAAAGCAATGCCTCCACA
NOTCH1	Forward (5'-3')	GGTGAAGTCTCTGAGGAGATC
	Reverse (5'-3')	GGATTGCAGTCGTCCACGTTGA
NOTCH4	Forward (5'-3')	TTCCACTGTCCTCCTGCCAGAA
	Reverse (5'-3')	TGGCACAGGCTGCCTTGAATC
CTNNB1	Forward (5'-3')	CACAAGCAGAGTGCTGAAGGTG
	Reverse (5'-3')	GATTCCTGAGAGTCCAAAGACAG
TCF4	Forward (5'-3')	GCCTCTTCACAGTAGTGCCATG
	Reverse (5'-3')	GCTGGTTTGGAGGAAGGATAGC
SMAD2	Forward (5'-3')	GGGTTTTGAAGCCGTCTATCAGC
	Reverse (5'-3')	CCAACCACTGTAGAGGTCCATTC
SMAD3	Forward (5'-3')	TCACTGGTGCTGGGGTTAGG
	Reverse (5'-3')	GAAGCGAGCGGCGGCAATAA
SMAD4	Forward (5'-3')	CTACCAGCACTGCCAACTTTCC
	Reverse (5'-3')	CCTGATGCTATCTGCAACAGTCC
GAPDH	Forward (5'-3')	CCTGCCGGTGACTAACCCTG
	Reverse (5'-3')	TCCACCACTGACACGTTGGC
LINC02470-miR-143- 3p-fragment	Forward (5'-3')	CTCGTGAGGGTTGGAGATGG
	Reverse (5'-3')	ATTCAGTTCCAGCCTTGTGGA
SMAD3-3'UTR	Forward (5'-3')	CACCTTCCAAGGAGCCAACT
	Reverse (5'-3')	CCCTCATGTGTGCTCTTCCT
SNAIL ChIP	Forward (5'-3')	CAGGTGACCCGCCTCTTAAC
	Reverse (5'-3')	AGGGTAGCTTCTGGTCCAGT
SLUG ChIP	Forward (5'-3')	TGCCACTTCCAAATATAGGCTCTCA
	Reverse (5'-3')	CTGGGACAGCTGTGAACAGA