

Figure S1. Expression of miRNAs in blood samples obtained from healthy volunteers (negative control) and patients with pulmonary fibrosis. \*P<0.05, \*\*P<0.01, compared to NC group.

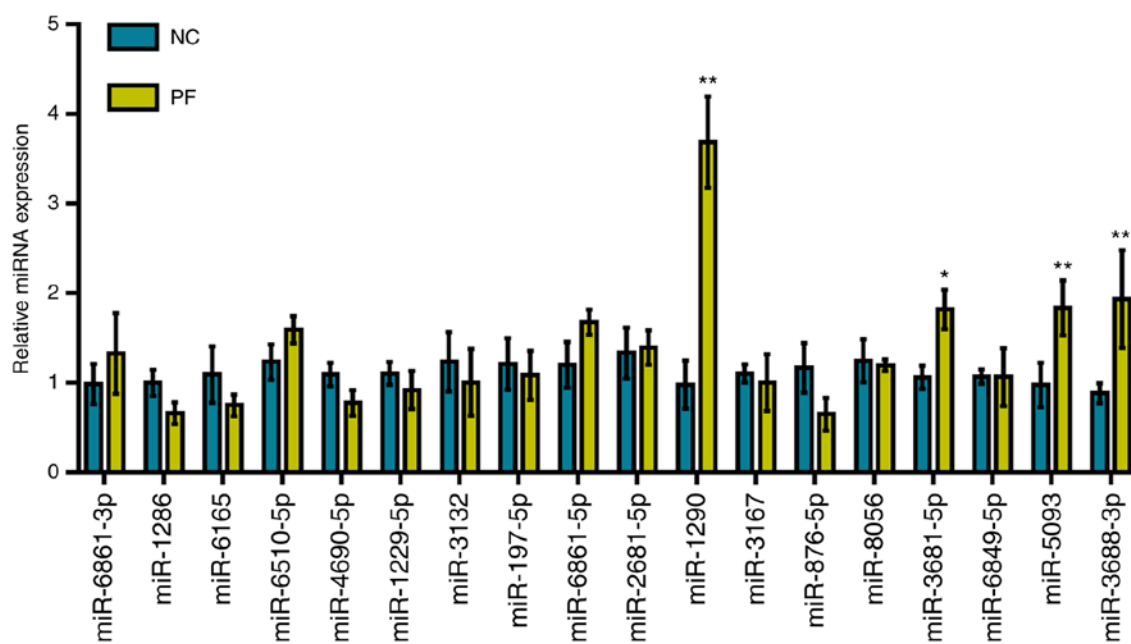


Figure S2. Effect of miR-1290 on human normal lung epithelial cell (BEAS-2B) proliferation. (A) miR-1290 overexpression and inhibition were achieved in BEAS-2B cells by transfection of miR-1290 mimics or inhibitor, as confirmed by RT-qPCR. (B) Viability of BEAS-2B cells in which miR-1290 was overexpressed or inhibited was determined by MTT assays. \*\*P<0.01, compared to NC (negative control) inhibitor group; ##P<0.01 compared to the NC (negative control) mimics group.

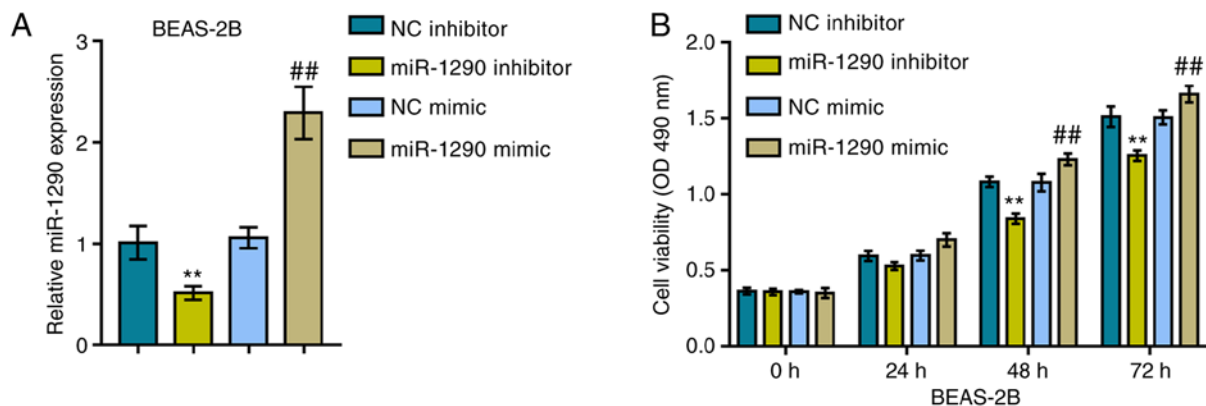


Table SI. Primer sequences.

Name	Forward (5'-3')	Reverse (5'-3')
miR-1290 mimics	UGGAUUUUUGGAUCAGGGA	CCUGAUCCAAAAAUCCAUU
miR-1290 inhibitor	UCCCUGAUCCAAAAUCCA	
NC mimics	UUCUCCGAACGUGUCACGUTT	ACGUGACACGUUCGGAGAATT
NC inhibitor	CAGUACUUUUGUGUAGUACAA	
si-Napsin A	CGAUGGAUGUACUGGUGGATT	UCCACCAGUACAUCAUCGTT
si-NC	UUCUCCGAACGUGUCACGUTT	ACGUGACACGUUCGGAGAATT
CREB1 overexpression	CGCGGATCCATGACCATGGAATCTG GAGCC	CCGGAATTCTTACAATTTTTGAGTA CCTTGAACA
Qpcr miR-1290	RT: GTCGTATCCAGTGCGTGTCGTGGAGTCG GCAATTGCACTGGATACGACTCCCTG F: GCCGTGGATTTTTGGAT	CAGTGCGTGTCGTGGA
U6	CTCGCTTCGGCAGCACA	AACGCTTCACGAATTTGCGT
Napsin A	CTGGTTACACCACCGATTTGA	CCACCAATAGTCAGCTTGTCC
GAPDH	ACAGCCTCAAGATCATCAGC	GGTCATGAGTCCTTCCACGAT
Wt-napsin A 3'UTR	CCGCTCGAGTACTCGAAATGGCGTCCG	ATTTGCGGCCGC TCAATGGAAATAGTGGATTTTTACT
Mut-napsin A	CCGCTCGAGTACTCGAAATGGCGTCCG	ATTTGCGGCCGCTCAATGGAAATA GTCCTAAAATACTGGGTAGCAGGA
Psicheck-2-pro-miR-1290	GGGTTTAAACGATTGGAAATCACTTGCCCG	ATTTGCGGCCGCTCCAGCTCCGA GGGGTTT