

Table S1 Sample IDs used in the study from TCGA database

Group	Sample ID	Group	Sample ID
Peritumoral samples	TCGA-BC-A10Q-11	Tumor	TCGA-BC-A10Q-01
	TCGA-BC-A10R-11		TCGA-BC-A10R-01
	TCGA-BC-A10T-11		TCGA-BC-A10T-01
	TCGA-BC-A10U-11		TCGA-BC-A10U-01
	TCGA-BC-A10W-11		TCGA-BC-A10W-01
	TCGA-BC-A10X-11		TCGA-BC-A10X-01
	TCGA-BC-A10Y-11		TCGA-BC-A10Y-01
	TCGA-BC-A10Z-11		TCGA-BC-A10Z-01
	TCGA-BC-A110-11		TCGA-BC-A110-01
	TCGA-BC-A216-11		TCGA-BC-A216-01
	TCGA-BD-A2L6-11		TCGA-BD-A2L6-01
	TCGA-BD-A3EP-11		TCGA-BD-A3EP-01
	TCGA-DD-A113-11		TCGA-DD-A113-01
	TCGA-DD-A114-11		TCGA-DD-A114-01
	TCGA-DD-A116-11		TCGA-DD-A116-01
	TCGA-DD-A118-11		TCGA-DD-A118-01
	TCGA-DD-A119-11		TCGA-DD-A119-01
	TCGA-DD-A11A-11		TCGA-DD-A11A-01
	TCGA-DD-A11B-11		TCGA-DD-A11B-01
	TCGA-DD-A11C-11		TCGA-DD-A11C-01
	TCGA-DD-A11D-11		TCGA-DD-A11D-01
	TCGA-DD-A1EB-11		TCGA-DD-A1EB-01
	TCGA-DD-A1EC-11		TCGA-DD-A1EC-01
	TCGA-DD-A1EE-11		TCGA-DD-A1EE-01
	TCGA-DD-A1EG-11		TCGA-DD-A1EG-01
	TCGA-DD-A1EH-11		TCGA-DD-A1EH-01
	TCGA-DD-A1EI-11		TCGA-DD-A1EI-01
	TCGA-DD-A1EJ-11		TCGA-DD-A1EJ-01
	TCGA-DD-A1EL-11		TCGA-DD-A1EL-01
	TCGA-DD-A39V-11		TCGA-DD-A39V-01
	TCGA-DD-A39W-11		TCGA-DD-A39W-01
	TCGA-DD-A39X-11		TCGA-DD-A39X-01
	TCGA-DD-A39Z-11		TCGA-DD-A39Z-01
	TCGA-DD-A3A1-11		TCGA-DD-A3A1-01
	TCGA-DD-A3A2-11		TCGA-DD-A3A2-01
	TCGA-DD-A3A3-11		TCGA-DD-A3A3-01
	TCGA-DD-A3A4-11		TCGA-DD-A3A4-01
	TCGA-DD-A3A5-11		TCGA-DD-A3A5-01
	TCGA-DD-A3A6-11		TCGA-DD-A3A6-01
	TCGA-DD-A3A8-11		TCGA-DD-A3A8-01
TCGA-EP-A12J-11	TCGA-EP-A12J-01		
TCGA-EP-A26S-11	TCGA-EP-A26S-01		

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TCGA-EP-A3RK-11  
TCGA-ES-A2HT-11  
TCGA-FV-A23B-11  
TCGA-FV-A2QR-11  
TCGA-FV-A3I0-11  
TCGA-FV-A3I1-11  
TCGA-G3-A3CH-11

TCGA-EP-A3RK-01  
TCGA-ES-A2HT-01  
TCGA-FV-A23B-01  
TCGA-FV-A2QR-01  
TCGA-FV-A3I0-01  
TCGA-FV-A3I1-01  
TCGA-G3-A3CH-01

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Table S2. Primers sequences used in this study

Gene	Primer	Sequence
U6	Forward	CTCGCTTCGGCAGCACA
	Backward	AACGCTTCACGAATTTGCGT
miR-876-5P	Forward	GGGGTGGATTCTTTGTGAATC
miR-490-3P	Forward	CAACCTGGAGGACTCCATG
POSTN	Forward	GCGAGATCATCAAGCCAGCAGAG
	Backward	ATGTCCAGTCTCCAGGTTGTGTCA
shPOSTN	Sequence	CCGGCGGTGACAGTATAACAGTAAACTC GAGTTTACTGTTATACTGTCACCGTTTTTG
beta-actin	Forward	GCGGACTATGACTTAGTTGCGTTACA
	Backward	TGCTGTCACCTTCACCGTTCCA
miR-876 mimics	sense	UGGAUUUCUUUGUGAAUCACCA
	antisense	GUGAUUCACAAAGAAAUCCA
mimic control	sense	UUCUCCGAACGUGUCACGUTT
	antisense	ACGUGACACGUUCGGAGA
miR-876 inhibitor	Sequence	UGGUGAUUCACA AAGAAAUCCA
Inhibitor NC	Sequence	CAGUACUUUUGUGUAGUACAA