

Table SI. Clinical characteristics of patients with non-small cell lung cancer.

Case ID	Age, years	Sex	Tumor, node, metastasis stage	Histological subtype
1	35	Female	IA	Adenocarcinoma
2	42	Male	IB	Adenocarcinoma
3	50	Female	IIA	Squamous cell carcinoma
4	52	Male	IIB	Adenocarcinoma
5	55	Female	IIIA	Adenocarcinoma
6	58	Male	IB	Adenocarcinoma
7	61	Female	IIIB	Squamous cell carcinoma
8	63	Male	IA	Adenocarcinoma
9	65	Female	IIB	Adenocarcinoma
10	67	Male	IIIA	Adenocarcinoma
11	68	Female	IIA	Adenocarcinoma
12	69	Male	IB	Adenocarcinoma
13	54	Female	IIB	Adenocarcinoma
14	59	Male	IIIA	Adenocarcinoma
15	47	Female	IB	Squamous cell carcinoma

Table SII. Genotyping results of nine common short tandem repeat loci in lung cancer cell lines.

Locus	Cell line							
	CAL12T		A549		HCC44		NCIH1993	
	Allele 1	Allele 2	Allele 1	Allele 2	Allele 1	Allele 2	Allele 1	Allele 2
D5S818	12		11		11	13	11	12
D13S317	11		11		11		13	
D7S820	10	11	8	11	8	10	12	
D16S539	10		11	12	9	13	12	
VWA	16		14		15		17	
TH01	6		8	9.3	9		6	9.3
TPOX	8		8	11	8	12	9	
CSF1PO	13		10	12	9	11	10	13

Table SIII. Sequence information for miRNA mimics and shRNAs.

Oligonucleotide	Primer sequence (5'-3')
NC mimic	TTCTCCGAACGTGTCACGT
miR-199a-3p mimic	ACAGUAGUCUGCACAUUGGUUA
sh-NC	CCTAAGGTTAAGTCGCCCTCG
sh-MZF1	AGGTTACAGAGGACTCAGATT
sh-CLDND1	GTACACCTTAATGAAGGCATA

NC, negative control; miR/miRNA, microRNA; sh/shRNA, short hairpin RNA; MZF1, myeloid zinc finger 1; CLDND1, claudin domain-containing 1.