

Table SI. Primer sequences used for qPCR amplification.

Gene name	FW primer	RV primer	Amplicon size (bp)
<i>CYPA</i>	ATAATGGCACTGGTGGCAAGTC	ATTCCTGGACCCAAAACGCTC	239
<i>CDK4</i>	TATGAACCCGTGGCTGAAAT	CATCAGCCGTACAACATTGG	210
<i>CDK1</i>	TTTTCAGAGCTTTGGGCACT	CCATTTTGCCAGAAATTCGT	195
<i>CDK6</i>	CGTGGTCAGGTTGTTGATGTG	ACTCGGTGTGAATGAAGAAAGTCC	198

FW, forward; RV, reverse; *CYPA*, cyclophilin A; *CDK*, cyclin-dependent kinase.

Table SII. Detailed data of apoptosis analysis in the HFL-1, H358 and H1975 cells following treatment with miR-143/506 or scramble.

Treatment		Cell line	No apoptosis	Early apoptotic	Late apoptotic and necrotic
24 h	Control	HFL-1	90.9±2.2	0.1±0.1	9±2.2
		H358	86.1±1.5	3.1±0.5	10.8±1
		H1975	81.6±2.6	2±0.3	16.6±2.5
	miR-143/506	HFL-1	70.8±3.6	1±0.3	28.2±3.8
		H358	58.8±0.9	8.3±0.1	33.2±1
		H1975	25.8±0.3	4.9±0	69.3±0.3
	Scramble	HFL-1	90.1±0.8	1±0.3	8.9±1
		H358	77±2.7	8±2.2	14.6±0.5
		H1975	77.6±2	4.6±1	17.8±1
48 h	Control	HFL-1	96.9±1.2	2.1±0.7	1±0.5
		H358	85.8±1.9	4±0.4	10.1±1.5
		H1975	85.9±1.9	5.1±2.4	9±0.5
	miR-143/506	HFL-1	82.7±3.6	1±0.3	16.4±3.2
		H358	41.6±3.8	8.5±0.4	49.9±4.2
		H1975	34.2±5.7	9±3.5	56.9±2.3
	Scramble	HFL-1	97.4±0	1.2±0.3	1.3±0.3
		H358	68.2±1.6	7.6±0.2	24.1±1.4
		H1975	71±1.8	10.5±0.1	18.5±1.8
HFL-1			No apoptosis	Early apoptosis	Late apoptotic and necrotic
24 h	Untreated vs. miR-143/506		*	ns	*
	Untreated vs. Scramble		ns	ns	ns
	Scramble vs. miR-143/506		*	ns	*
48 h	Untreated vs. miR-143/506		*	ns	*
	Untreated vs. Scramble		ns	ns	ns
	Scramble vs. miR-143/506		*	ns	*
H358			No apoptosis	Early apoptosis	Late apoptotic and necrotic
24 h	Untreated vs. miR-143/506		**	ns	***
	Untreated vs. Scramble		ns	ns	ns
	Scramble vs. miR-143/506		*	ns	**
48 h	Untreated vs. miR-143/506		**	**	**
	Untreated vs. Scramble		*	*	ns
	Scramble vs. miR-143/506		*	ns	*
H1975			No apoptosis	Early apoptosis	Late apoptotic and necrotic
24 h	Untreated vs. miR-143/506		***	ns	***
	Untreated vs. Scramble		ns	ns	ns
	Scramble vs. miR-143/506		***	ns	***
48 h	Untreated vs. miR-143/506		**	ns	***
	Untreated vs. Scramble		ns	ns	ns
	Scramble vs. miR-143/506		*	ns	**

\*\*\*P<0.001, \*\*P<0.01, \*P<0.05; ns: P>0.05. All statistical analyses were conducted using one-way ANOVA followed by Tukey's test.