

Table SI. siRNA sequences.

siRNA	Sequence (5'-3')
si-SNHG5	Sense: UUUGGAAACUAAGCUUAACUA Antisense: GUUAAGCUUAGUUUCCAAACU
si-XIAP	Sense: UCUUUCAGUUUCAUAUGCCCU Antisense: GGCAUAUGAAACUGAAAGAAU

si, short interfering; SNHG5, small nucleolar RNA host gene 5; XIAP, X-linked inhibitor of apoptosis protein.

Table SII. Primers sequences.

Gene	Primer sequence (5'-3')
SNHG1	Sense: GGTCTTCCTCCTTTCAGGGC Antisense: ACATTGATCAGACTGGGGCG
SNHG2	Sense: GATTGAGGGAGGTTAGGGGGA Antisense: CCCGCAACATTCGCAAAGAT
SNHG3	Sense: GACGATCTGCACTTCGCATT Antisense: TGCTCCAAGTCTGCCAAAGAT
SNHG4	Sense: TGCAATTAGTGCTTCCACGC Antisense: ATTTTAAGTCCCCTACCCCAT
SNHG5	Sense: AAAAGGGCCCTGACA ACTCT Antisense: TACATGACAAGGTGCGGCTC
SNHG6	Sense: GTTAGTCATGCCGGTGTGGT Antisense: GCTAAGCCTTCCAGGTGGTT
SNHG7	Sense: CGCGAAGAGCCGTTAGTCAT Antisense: GGAGTTGGACCTAAGACCGC
SNHG8	Sense: AAGTTTACAAGCATGCGCGG Antisense: TCAA ACTGACGGTTCTCGGG
SNHG9	Sense: GGAATCCACCCGAAGAGTG Antisense: GGGGGCGATTTTCAACCAAC
SNHG10	Sense: CTGGACTACCCGAGACAAC Antisense: TCCAAGAGACCAACACGAC
SNHG11	Sense: CTCCCCGACAAAAGGGGAAA Antisense: GTCTCTTTCCCGAGGACACG
SNHG12	Sense: ATGTT CAGTGGTGGCTGGAG Antisense: TGTGTGCTACATGGAACCCC
SNHG13	Sense: CAGAGTCTTCCCGGGATTGG Antisense: ACTCCAGCTGACAAAGAGGC

SNHG15	Sense: CACGTGTTGCCTGACCATTC Antisense: TAATCCCCGAGTCTCCTCCG
SNHG16	Sense: GGCCCAATCGGTAGTTCAT Antisense: ACAAAGAAAGGCCTCTGGGG
SNHG17	Sense: TGTGCTGTGAGCTTCCTCAG Antisense: TAGACCATGGACGCTCCTCA
SNHG18	Sense: GTGCGTCCATAAGGGTTCCA Antisense: AGACTGGGCATTTGGGGATG
SNHG19	Sense: GCGCTGACTTTCAGGTTTC Antisense: TCAATAGACACAGCGCCCAC
SNHG20	Sense: GGTGACTGCTTAAGACCCTGTT Antisense: AGAAACCCACGTGGACAAC
SNHG5 (full length)	Sense: CTTTACGTCGGCCTTCGCG Antisense: TTAGAGGATTTCCATTAA
GAPDH	Sense: AAGGGCCCTGACAACTCTTTT Antisense: CTGGTGGTCCAGGGGTCTTA
SNHG5 (for plasmid construction)	Sense: CTAGCTTTTACGTCGGCCTTCGC Antisense: GGCCTTAGAGGATTTCCATTAA

SNHG5, small nucleolar RNA host gene 5.

Table SIII. Association between SNHG5 expression and pathological features in 100 patients with lung cancer.

Pathological feature	SNHG5		$\chi^2$	P-value
	Low	High		
All patients	46	54		
Age, years			0.100	0.752
>60	19	24		
≤60	27	30		
Sex			2.480	0.115
Male	15	26		
Female	31	28		
TNM stage			4.249	0.039 <sup>a</sup>
I-II	21	14		
III-IV	25	40		
Distant metastasis			4.229	0.040 <sup>a</sup>
M0	19	12		
M1	27	42		
Differentiation grade			1.448	0.229
Low, moderate	18	15		
High	28	39		
Lymph node metastasis			9.689	0.002 <sup>a</sup>
None	26	14		
Present	20	40		
Smoking			12.68	0.0004 <sup>a</sup>
Yes	23	9		
No	23	45		

$\chi^2$  tests were used to analyze the association between SNHG5 levels and clinical features. The cutoff was the median expression level. The values below the 50th percentile were low expression of SNHG5 in 46 patients. The values at or above the 50th percentile were high SNHG5 expression in 54 patients. <sup>a</sup>Significantly different values. SNHG5, small nucleolar RNA host gene 5.