

Figure S1. A549 and H460 cells transfected with indicated siRNAs for 48 h were collected and analyzed by flow cytometry (n = 3).

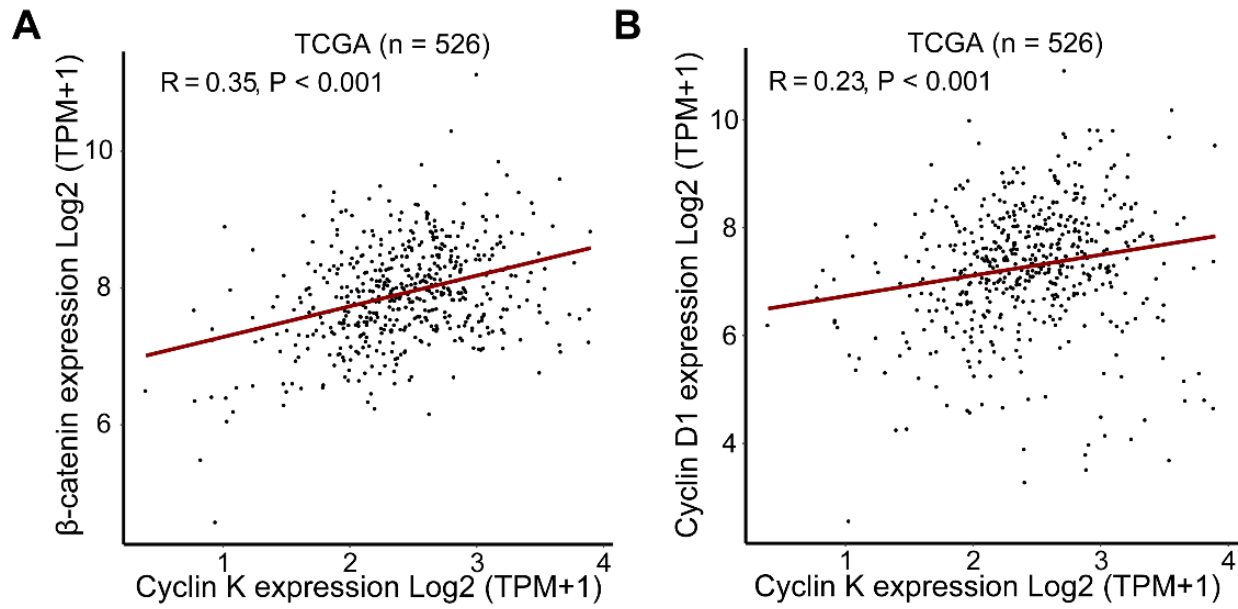


Figure S2. Scatterplots of Cyclin K vs β -catenin and Cyclin D1 mRNA expression in lung cancer samples available from TCGA database (n = 526). The Pearson correlation coefficient (R) and p value are shown.

Genes	Sequences (5'--3')	Size (bp)
Cyclin K	F ^a : AAATGACAGTCTCTGCACCACCTT R: ACAAGAATGGACCTCCAAACCCAT	77
Cyclin D1	F: CCTCTGTGCCACAGATG R: GGGTCACACTTGATCACTC	144
GNG3	F: GATAAAGGTGTCCAAGGCAGC R: AACTTCTTCTCCCGGAAGGG	95
PCDH9	F: CAGGAACATAGGGGATAGTAGCC R: CACCAGAACGGTGACGAAGA	94
WNT9A	F: GGACTTCCACAACAACCTCG R: GTGCCGTCTCATACTTGTGCT	146
GNG7	F: ACTAACAACATAGCCCAGGCC R: CTTAAAGGGGTTCTCCGAGG	149
β-catenin	F: CAACTAAACAGGAAGGGATGGAAGG R: CAGATGACGAAGAGCACAGATGG	213
c-MYC	F: CAGCGACTCTGAGGAGGAAC R: TGTGAGGAGGTTTGCTGTGG	110
Axin-2	F: TGACGGACAGCAGTGTAGATG R: GGTTCTCGGGAATGAGGTAG	103
GAPDH	F: AGAAGGCTGGGGCTCATTTG R: AGGGGCCATCCACAGTCTTC	137

^a F, forward primer; R, reverse primer.

Table S1. Sequences of primers used for Real-time quantitative PCR.

Features	Cyclin K expression		P value
	high	low	
Mean age (years)			
61.915	65	17	
Age(years)			
≤60	34	11	0.421
>60	31	6	
Sex			
Male	37	7	0.284
Female	28	10	
Tumor size			
T1(≤3cm)	21	9	0.290
T2(>3cm, ≤7cm)	38	7	
T3 (>7cm)	6	1	
Stage			
I	19	6	0.024
II	14	9	
III	31	2	
IV	1	0	
T			
1	12	5	0.479
2	37	10	
3	10	2	
4	6	0	
N			
0	26	6	0.954
1	12	3	
2	13	2	
3	3	1	
M			
0	64	17	0.607
1	1	0	

Table S2. Association between the clinicopathologic parameters and expression of Cyclin K in human lung cancer tissues.