

Figure S1. Verification of the inhibition effectiveness of circ\_0058357 siRNAs in A549 cells. After transfection with siRNA NC and the three circ\_0058357 siRNAs, the relative expression level of circ\_0058357 was detected via reverse transcription-quantitative PCR. \*\* $P < 0.01$ . siRNA, small interfering RNA; NC, negative control; circ, circular RNA.

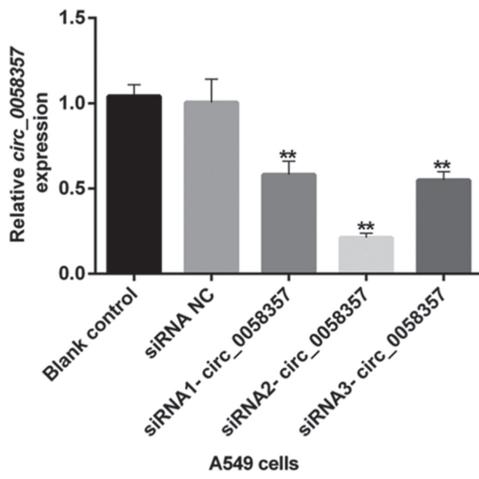


Figure S2. Role of circ\_0058357 knockdown on the body weight of xenograft model mice. A549 cells were transfected with shRNA NC and circ\_0058357 shRNA. Body weight was detected once a week for a consecutive 6 weeks. NC, negative control; circ, circular RNA; shRNA, short hairpin RNA.

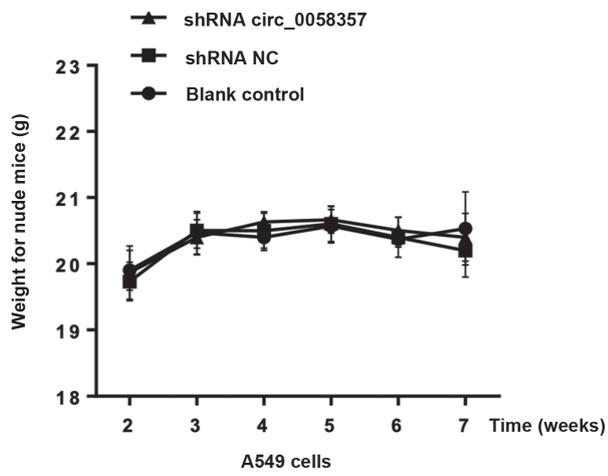
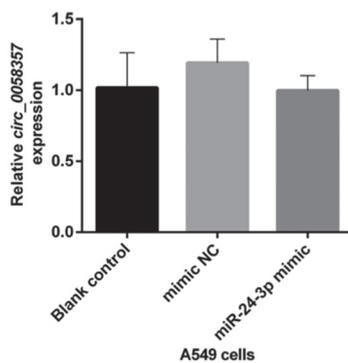


Figure S3. Effects of miR-24-3p mimic on the expression level of circ\_0058357 in NSCLC cells. (A) Binding sites between miR-24-3p and circ\_0058357 were identified. (B) A549 and (C) H1299 cells were transfected with mimic NC and miR-24-3p mimic. Then, the relative expression level of circ\_0058357 was detected via reverse transcription-quantitative PCR. NC, negative control; miR, microRNA; circ, circular RNA.

**A**

circ\_0058357 5'...T...TT...TGGAAGAGTTGCTGAGCCC...3'  
miR-24-3p 3'..GACAAGGACGACT.....TGACTCGGT...5'

**B**



**C**

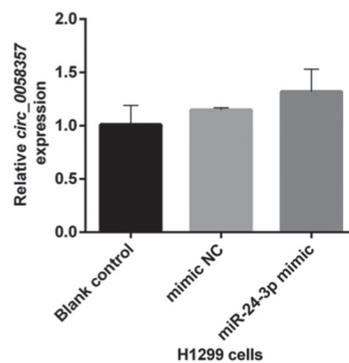


Figure S4. Verification of the upregulation of circ\_0058357 in A549 cells transfected with vector and circ\_0058357 OE plasmids. Relative expression level of circ\_0058357 was detected via reverse transcription-quantitative PCR. \*\*P<0.01. OE, overexpression; circ, circular RNA; NC, negative control.

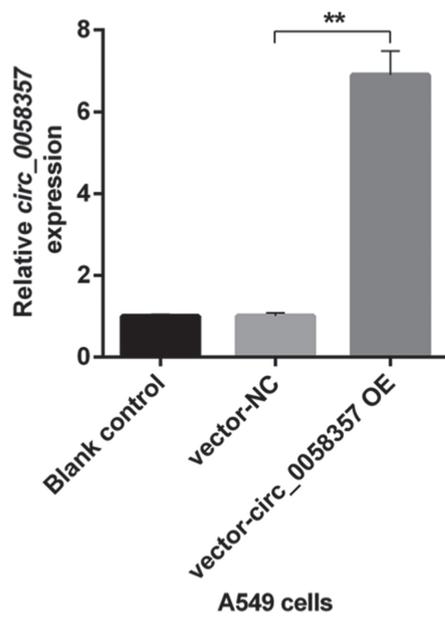


Table SI. Analysis of the binding sites between miR-24-3p and circ\_0058357.

ClipSeq peakCluster	HHRBL 8845(AGO2 HITS-CLIP BCBL-1)
ClipSeq ReadNum	1
AlighCsore	26