**Supplementary materials**

**Supplementary Figure S1. The validation of circular structure of circ\_0071589.** The agarose gel electrophoresis for the products following qRT-PCR of circ\_0071589 using divergent or convergent primers. Abbreviations: circ\_0071589, hsa\_circ\_0071589; qRT-PCR, quantitative reverse transcription polymerase chain reaction.

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**Supplementary Figure S2. Effect of circ\_0071589 on targeted miRNAs levels.** (A and B) qRT-PCR for 5 predicted miRNAs levels. \**P*<0.05, versus the si-NC group. Abbreviations: miR, microRNA; CDDP, cisplatin; si-circ\_0071589, siRNA for circ\_0071589; si-NC, siRNA negative control.

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**Supplementary Figure S3. Effect of miR-526b-3p on targeted mRNAs levels.** (A and B) qRT-PCR for 5 predicted mRNAs expression. \**P*<0.05, versus the miR-NC group. Abbreviations: CDDP, cisplatin; miR-NC, mimic negative control.

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