



**Supplementary Figure S1. A** – Sequence analysis suggested potential binding between circ\_005397 and miR-326, which was validated by subsequent luciferase assay. **B** – Sequence analysis suggested potential binding between linc00152 and miR-216b, which was validated by subsequent luciferase assay. **C** – Sequence analysis suggested potential binding between PDK2 mRNA and miR-326, which was validated by subsequent luciferase assay. **D** – Sequence analysis suggested potential binding between PDK2 mRNA and miR-216b, which was validated by subsequent luciferase assay