



**Supplementary Fig. 1. The expression of circ\_012947, miR-656, and PTPRB in tumor tissues of nude mice.** Nude mice were injected with circ\_0129047-overexpressing vectors (OE-circ) or empty vectors (OE-NC). (A) RT-qPCR analysis of circ\_0129047 expression in nude mice tumor tissues. (B) RT-qPCR analysis of miR-656 expression in tumor tissues of nude mice. (C) RT-qPCR analysis of PTPRB expression in tumor tissues of nude mice. PTPRB, protein tyrosine phosphatase receptor type B.