



**Figure S1** The effect of exosomal miR-103a-3p on cell morphology and the expression of epithelial-mesenchymal transition (EMT)-related proteins. (A) The morphology of CNE2 cells after different exosomes treatment using a light microscope. Scale bar: 100  $\mu$ m. (B) Western blots of the epithelial marker E-cadherin, and the mesenchymal markers (N-cadherin, Vimentin) in CNE2 cells with exosomes treatment. (C) Cellular immunofluorescence staining showed that exosomal miR-103a-3p affected cellular expression of EMT markers (Green: E-cadherin; Blue: Hoechst). Magnification:  $\times 40$ .