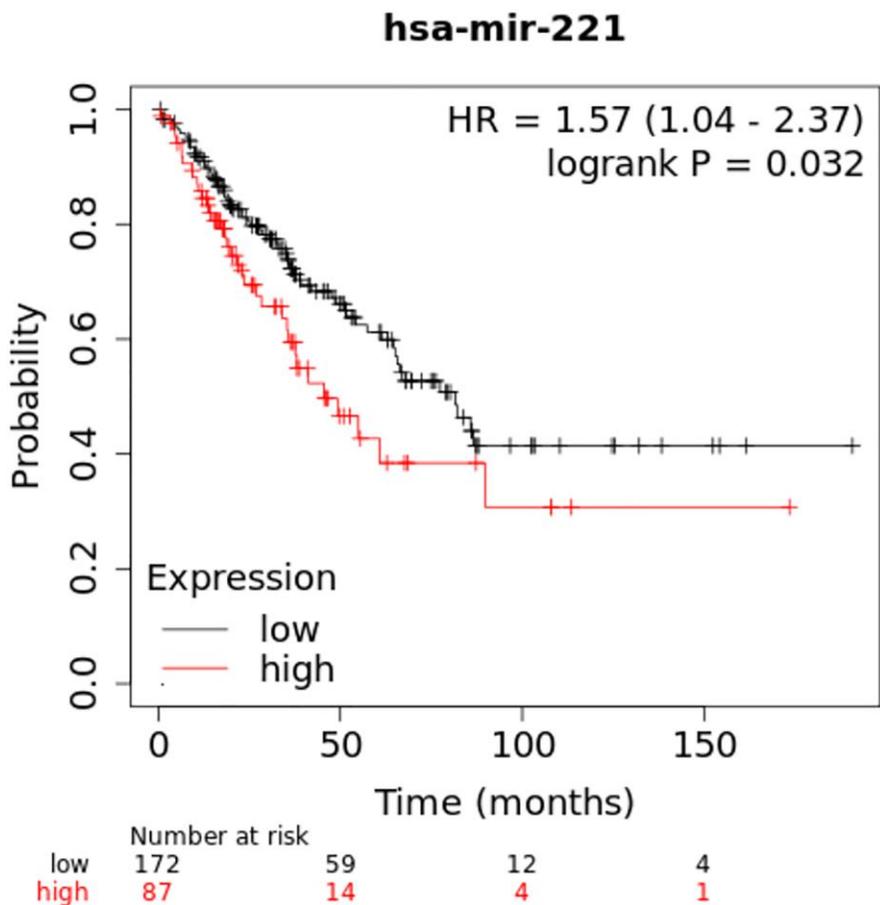
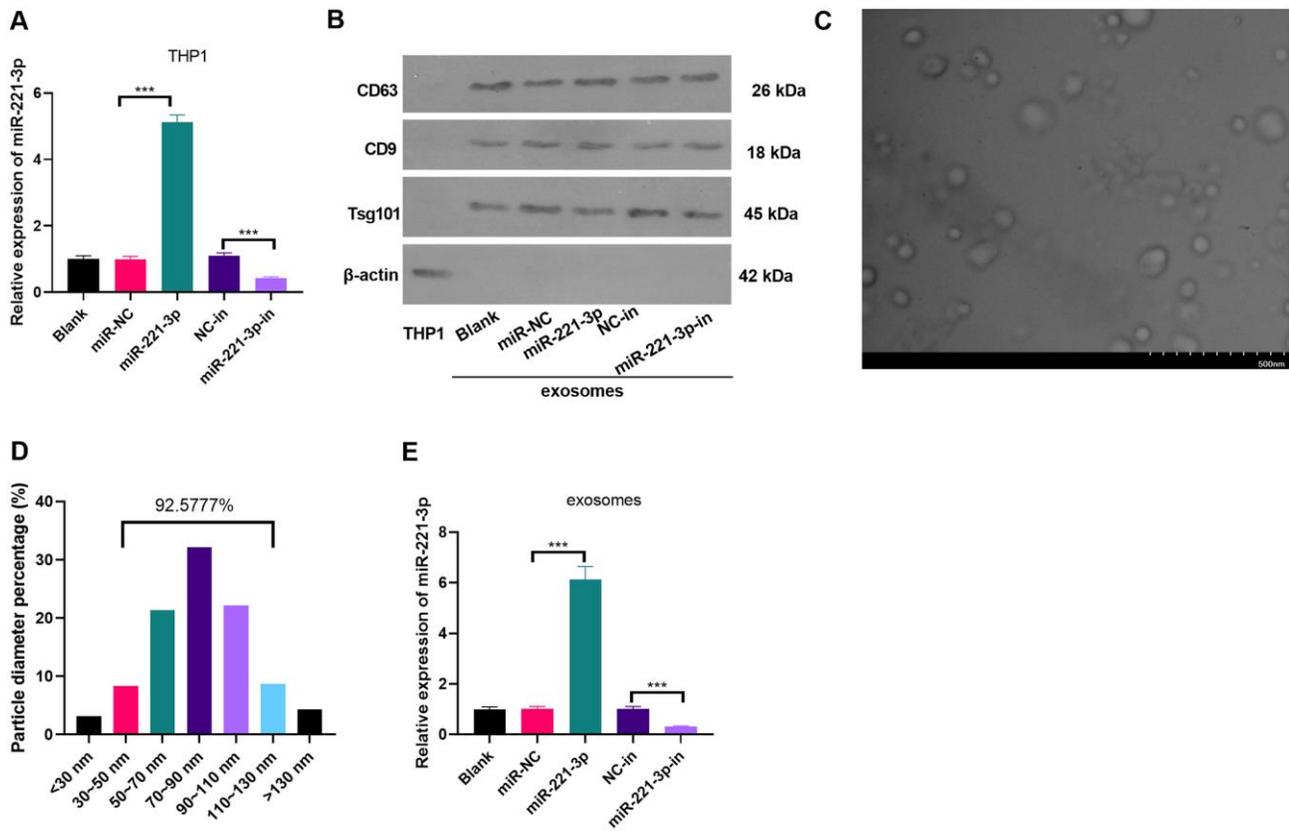


SUPPLEMENTARY FIGURES



**Supplementary Figure 1.** The online database Kaplan-Meier Plotter (<http://kmplot.com/analysis/>) was used for analyzing the link between the miR-221 level and the overall survival of sarcoma patients.



**Supplementary Figure 2.** (A) THP1 cells were transfected with miR-221-3p mimics or miR-221-3p-in, then RT-PCR was adopted for checking miR-221-3p levels in the cells. (B) WB was used for detecting CD63, CD9, Tsg101 and  $\beta$ -actin in THP1 cells or the exosomes isolated in the culture medium. (C) SEM was used for observing the exosomes. (D) The diameter range of the isolated exosomes. (E) RT-PCR was used for detecting miR-221-3p levels in the exosomes.