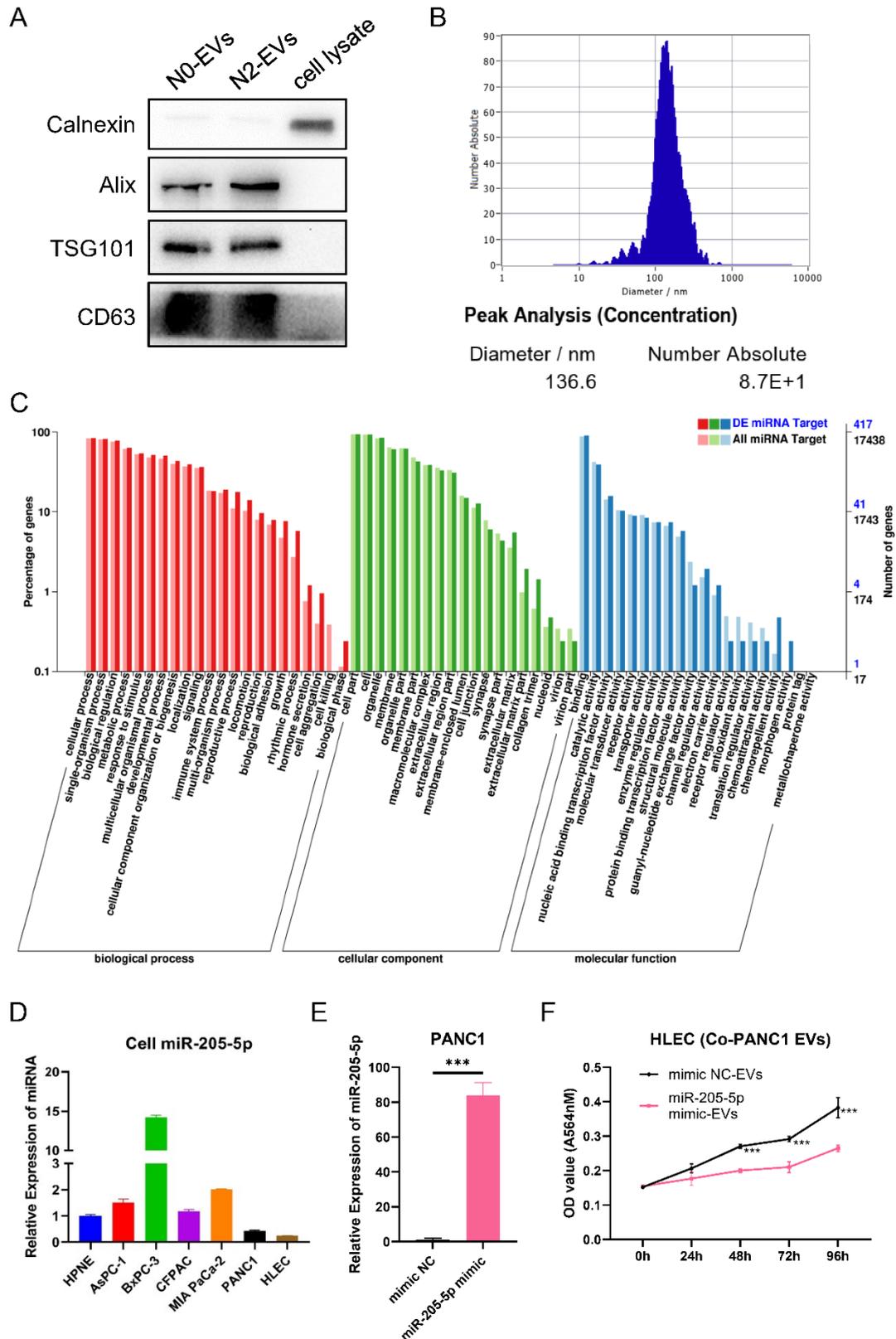


1 Supplementary material

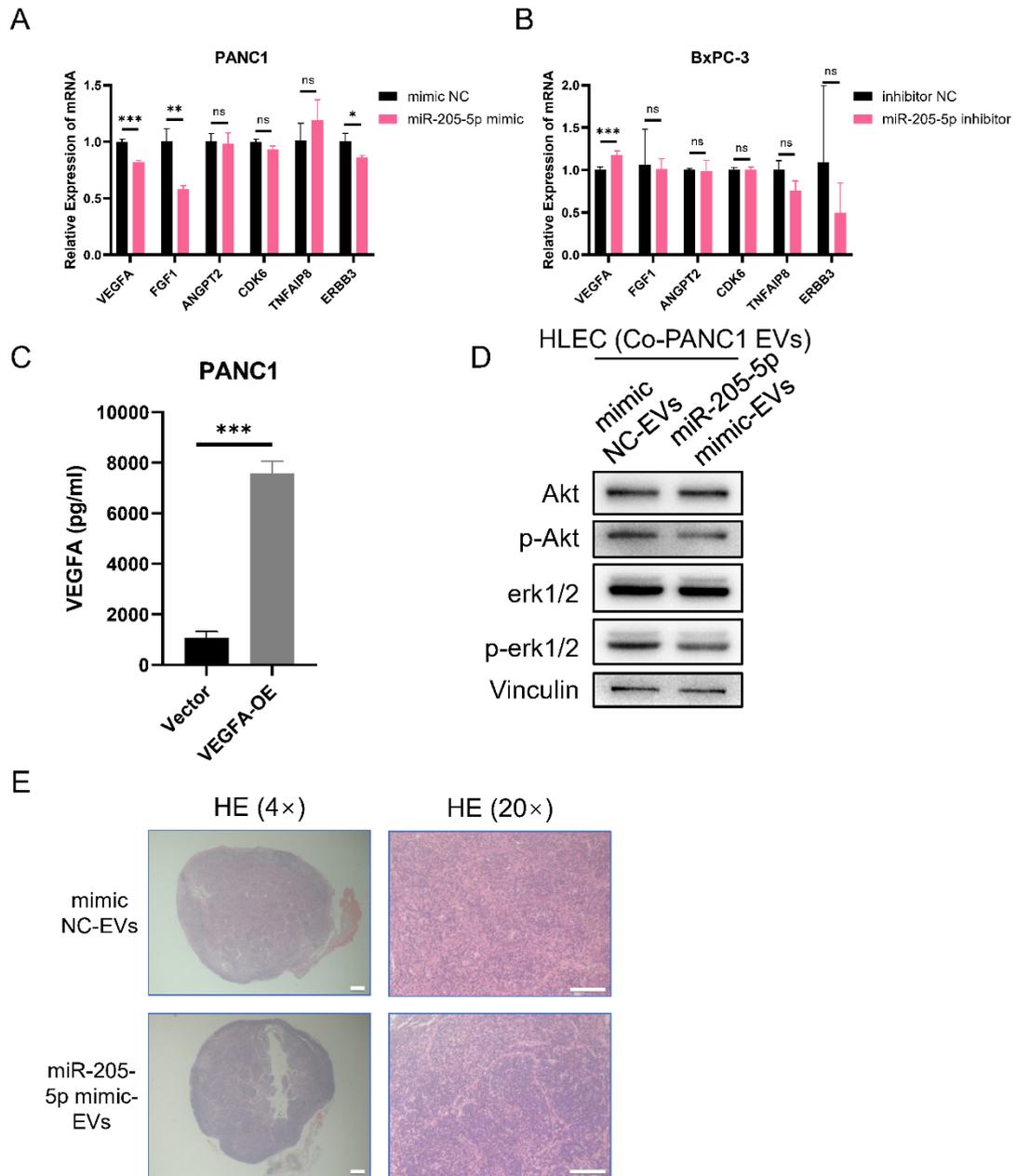


2

3 **Supplementary Figure 1.** (A) The positive EV-protein markers of were detected in

4 EVs or cell lysate. (B) The NTA result of extracted EVs. (C) GO analysis of all
5 miRNAs-targets and differentially expressed miRNA-targets. (D) The relative mRNA
6 expression of miR-205-5p in multiple cell lines was shown. (E) The effect of mimic
7 miR-205-5p in PANC1 was verified by qRT-PCR ($P < 0.001$). (F) The proliferation rate
8 of HLEC was tested after co-cultured with miR-205-5p-overexpressed PANC1-EVs.
9 ***: $P < 0.001$.

10



11

12 **Supplementary Figure 2.** (A-B) Several potential downstream genes of miR-205-5p

13 were tested after mimic miR-205-5p in PANC1 or inhibition of miR-205-5p in BxPC-

14 3. (C) The concentration of cell secretory VEGFA was compared after overexpression

15 of VEGFA in PANC1. (D) The expression of VEGFA downstream molecules were

16 tested after co-cultured with miR-205-5p-overexpressed PANC1-EVs in HLEC. (E) HE

17 staining of the popliteal lymph nodes of PANC1 with CON-EVs or MIR205-

18 overexpressed EVs were shown. Scale bars left: 200 μm . Scale bars right: 100 μm . *:

19 $P < 0.05$. **: $P < 0.01$. ***: $P < 0.001$.

20

21 **Supplementary Data 1.** The P value and fold change of the miRNAs in each sample.