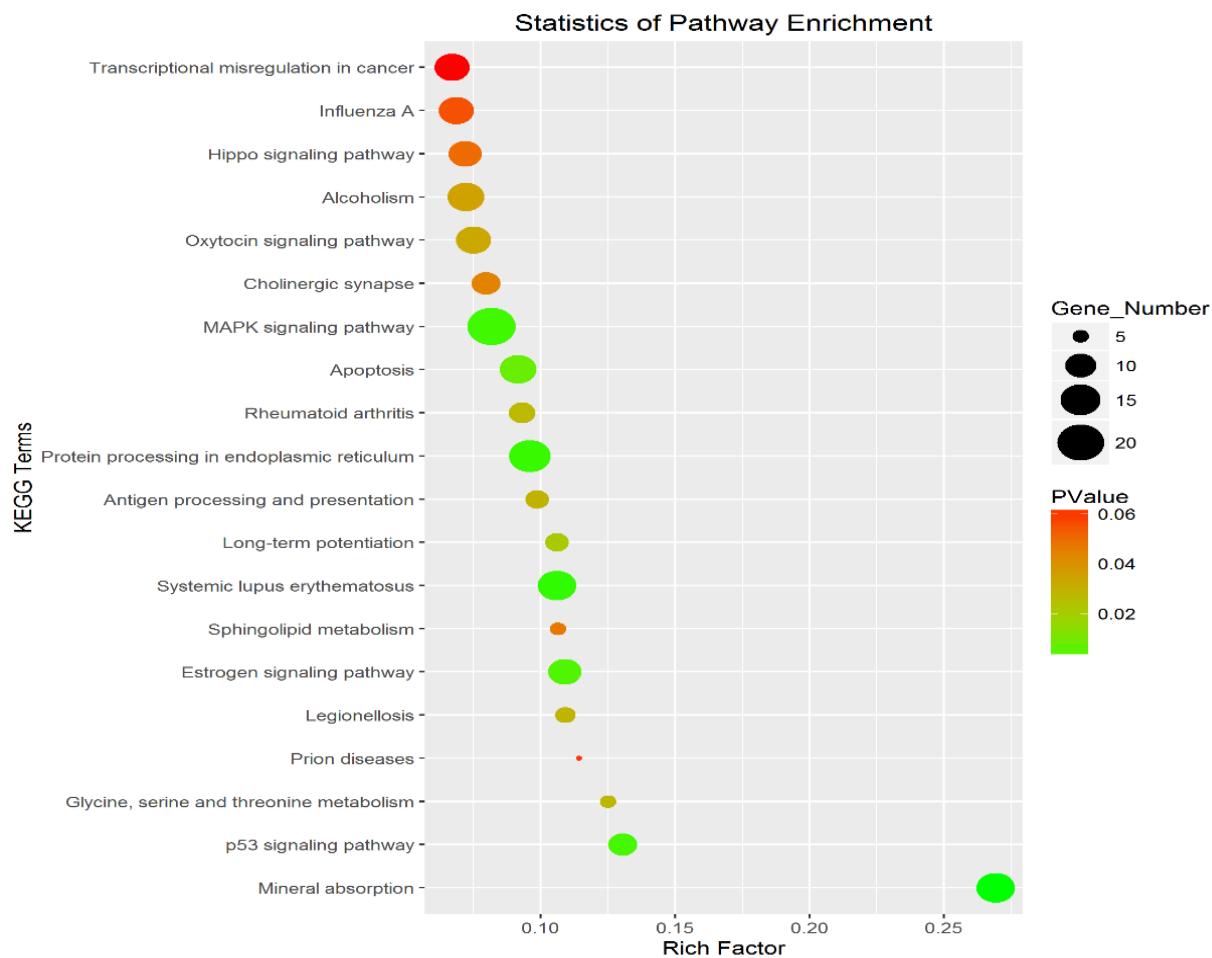
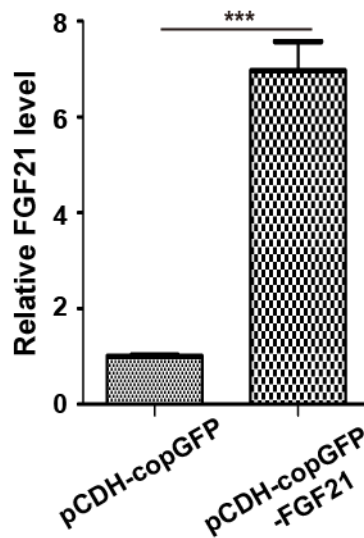
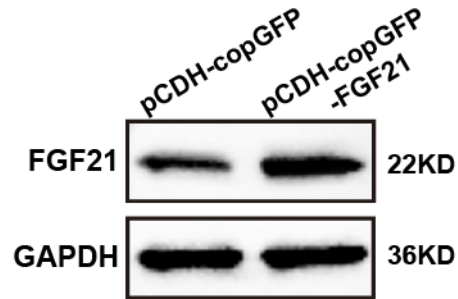
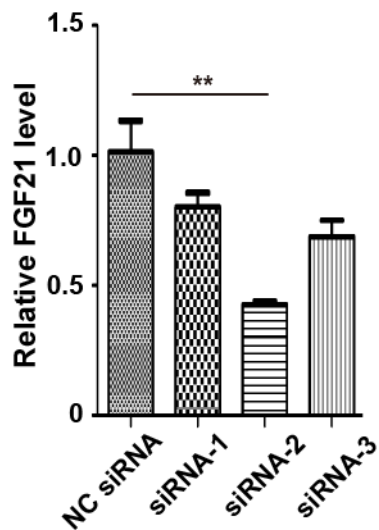
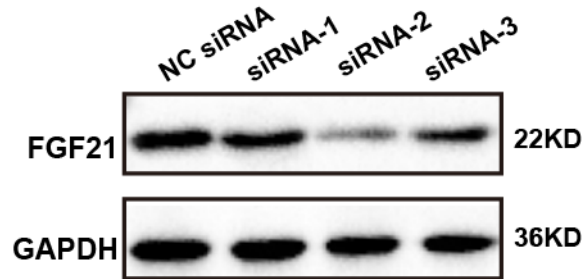


Supplementary Figure 1 . Biological processes included in cisplatin resistance in ovarian cancer. cDNA microarray analyses between a cisplatin-resistant human ovarian cancer cell line (A2780cp) and its parental cell line(A2780) were conducted. The biological processes related to cisplatin resistance were shown. $P < 0.05$ was considered statistically significant.



Supplementary Figure 2 . Pathways included in cisplatin resistance in ovarian cancer.

cDNA microarray analyses between a cisplatin-resistant human ovarian cancer cell line (A2780cp) and its parental cell line(A2780) were conducted. The pathways related to cisplatin resistance were shown. $P < 0.05$ was considered statistically significant.

A RT-qPCR**B Western blot****C RT-qPCR****D Western blot**

Supplementary Figure 3 Overexpression or downregulation of FGF21 in ovarian cancer cells.

A2780 cells were transfected with pCDH-copGFP or pCDH-copGFP-FGF21. A) The level of FGF21 mRNA were detected by RT-qPCR after 48h. B) The level of FGF21 protein were detected by western blot after 48h. A2780 cells were transfected with FGF21 siRNAs or NC siRNA. C) The level of FGF21 mRNA were detected by RT-qPCR after 48h. D) The level of FGF21 protein were detected by western blot after 48h. Data represented the mean \pm SD of 3 independence experiment. Statistical analysis was performed using the Student's t-test, *** $P < 0.001$, ** $P < 0.01$, * $P < 0.05$