



**SFig 1** The upregulation of PTGS2 expression was associated with the survival rates of HNSC. **(A)** Analysis of PTGS2 expression in HNSC and its adjacent normal tissues was conducted using the TCGA database. **(B)** The relationship between PTGS2 expression and the five-year survival rate. **(C)** The association between PTGS2 expression and disease-free survival. **(D)** The expression of CCND1 in HNSC and its adjacent normal tissues was assessed using the TCGA database. **(E)** The relationship between PTGS2 expression and the five-year survival rate. **(F)** The connection between PTGS2 expression and disease-free survival. \*\*\* $P < 0.001$ ; ns: not statistically significant.