



Supplementary Figure 3. PVT1 binds with KAT2A and WDR5 in NPC cells. **A**, Heatmap illustrating the 6 differentially expressed genes between 3 freshly-frozen normal nasopharyngeal specimens and 3 clinical tumors of NPC patients (fold change ≥ 1.5 , P-value < 0.05). **B**, Effects of the association of KAT2A, WDR5, KAT2B, KAT6A, KAT5 or KAT8, and PVT1. **C**, Immunohistochemistry staining assay of KAT2A and WDR5 in 9 normal nasopharyngeal specimens and 9 clinical NPC tumors. **D**, Quantification analysis of KAT2A and WDR5 in **C**. **E**, Effects of PVT1 knockdown on KAT2A and WDR5 expression. **F**, Quantification analysis of KAT2A and WDR5 in **E**. Error bars \pm SD. ***P < 0.001 . Data are representative from three independent experiments.