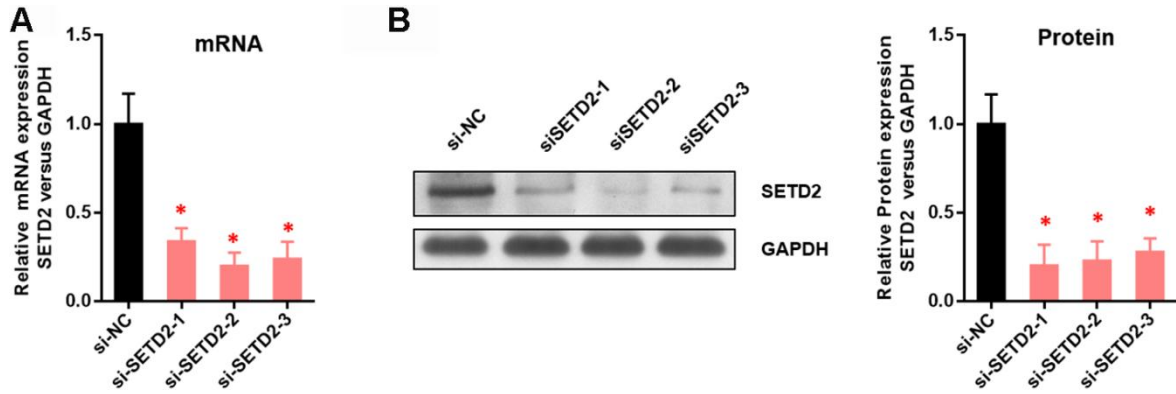
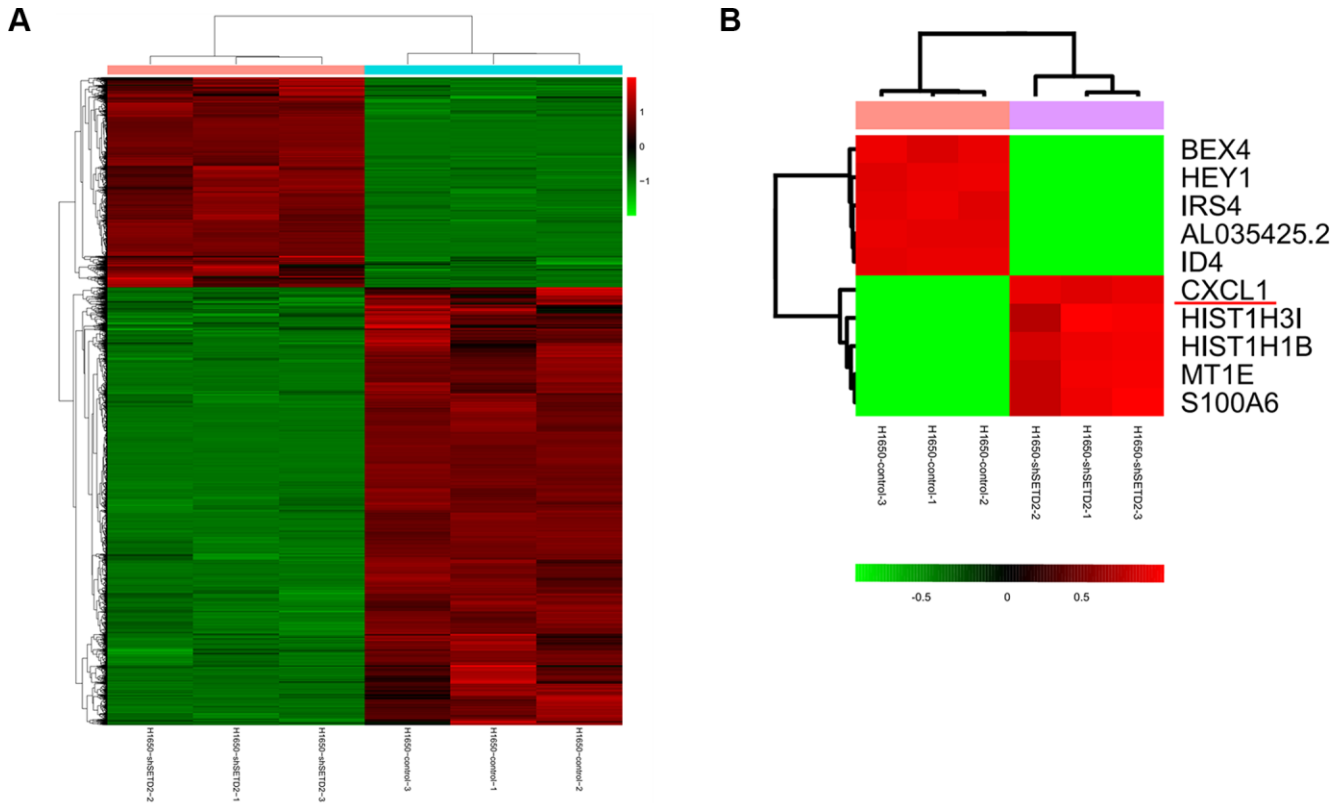


**SUPPLEMENTARY FIGURES**



**Supplementary Figure 1. The depletion efficiency of SETD2 in H1650 cells.** (A) Real-time qPCR analysis of SETD2 expression at the mRNA level upon SETD2 siRNA transfection in H1650 cells. (B) Western blotting analysis of SETD2 expression at the protein level upon SETD2 siRNA transfection in H1650 cells. \* $P < 0.05$ .



**Supplementary Figure 2. CXCL1 is up-regulated upon SETD2 depletion.** (A) Heat map indicating the differentially expressed genes in SETD2-silenced H1650 cells. (B) Heat map of top 10 differentially expressed genes in which CXCL1 was underlined by red.