**Supplementary Figure captions**

**Supplementary Figure 1** Thevolcano plot **(A)** and hierarchical clustering **(B)** of differentially expressed mRNAs in drug-resistant (negative) group and drug-sensitive (positive) group.

**Supplementary Figure 2** The correlation between 16 related genes in sensitive group and CD8+ T cells was explored by TIMER 2.0 based on TCGA-HNSC database.