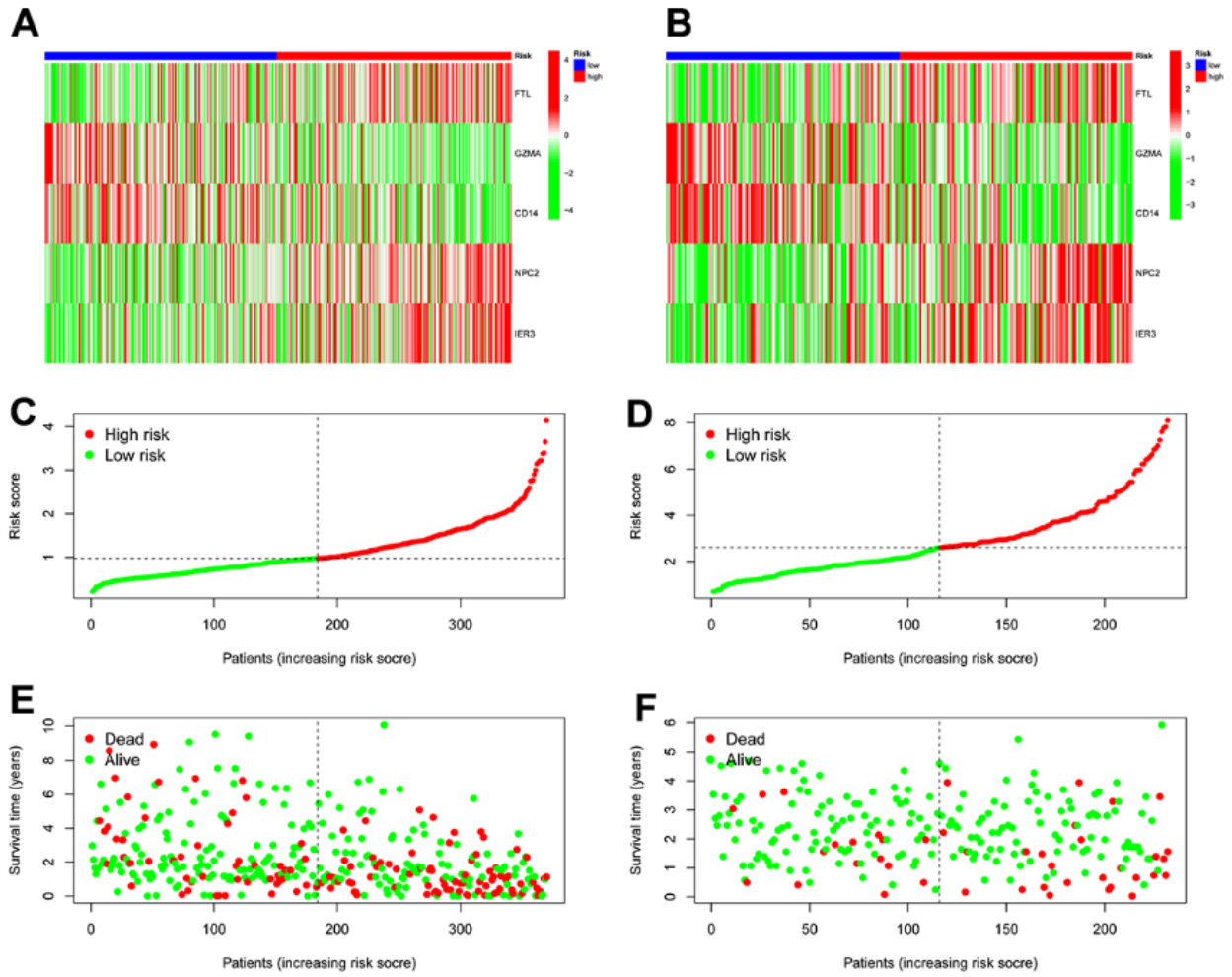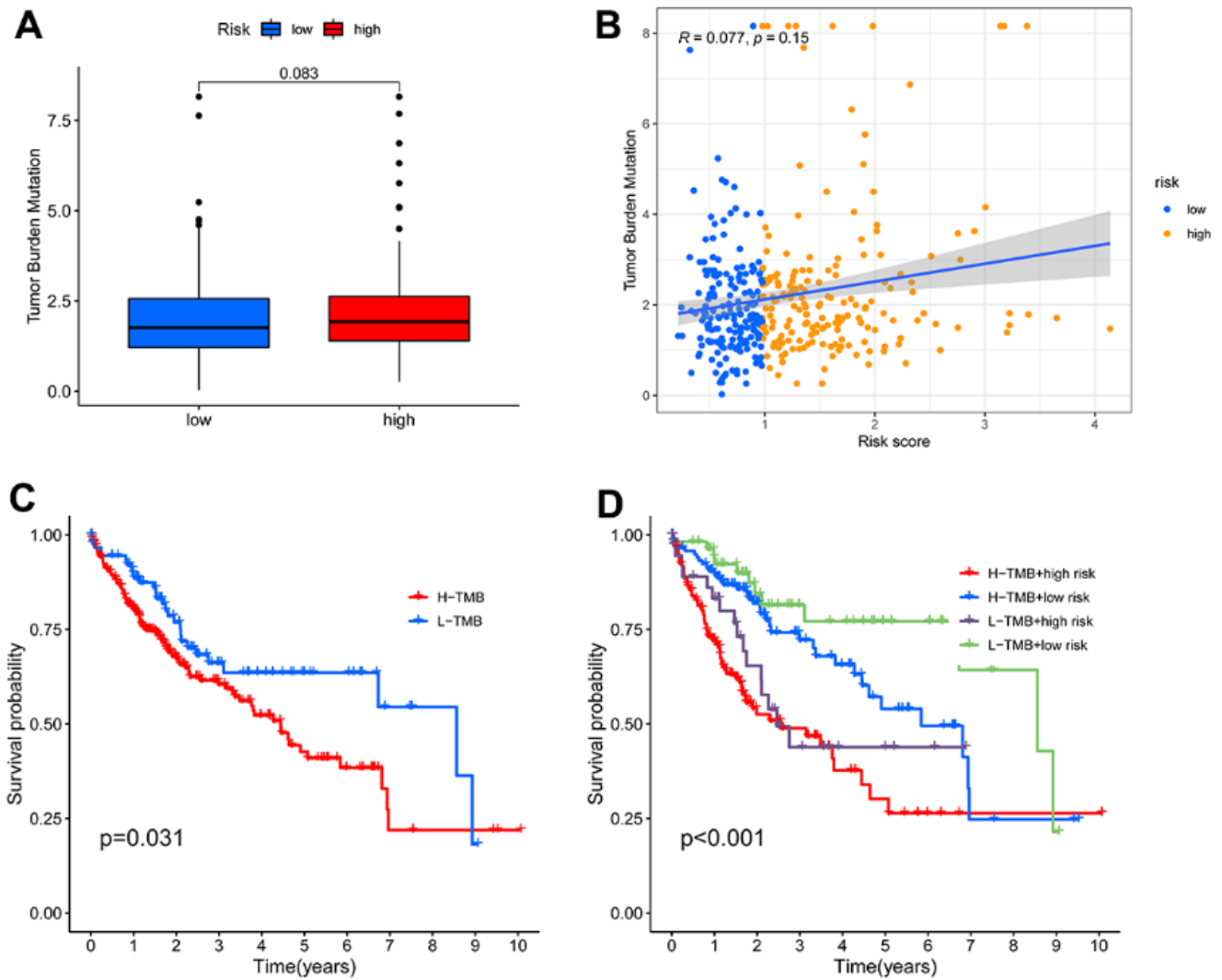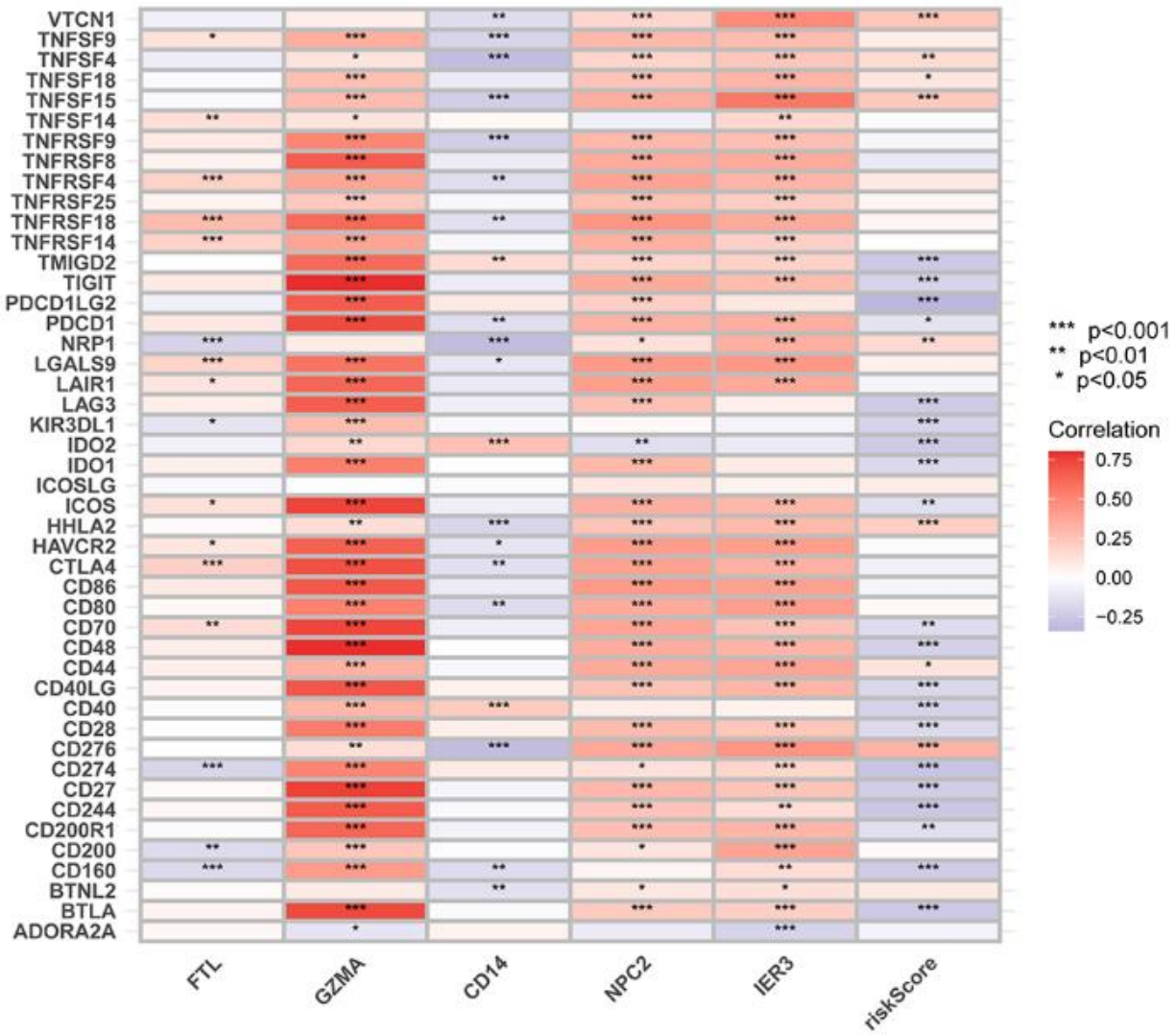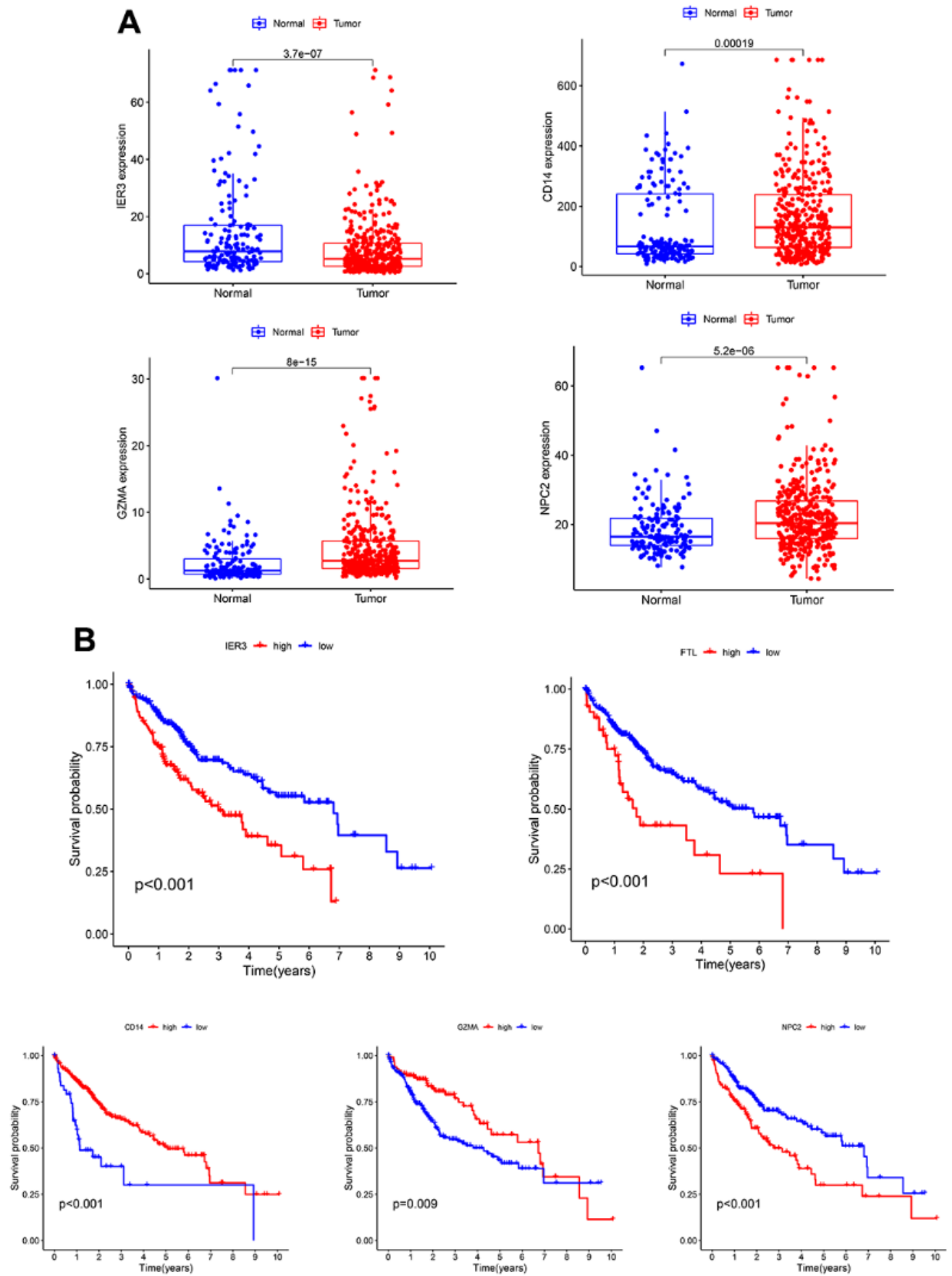# SUPPLEMENTARY FIGURES

Supplementary Figure 1. Training group and test group. (**A**, **B**) Risk heatmap in the Training group and Test group. (**C**, **D**) Risk score in the Training group and Test group. (**E**, **F**) Survival status map in Training group and Test group.

Supplementary Figure 2. The correlation between the TEXPM and TMB. (**A**) The TMB is higher in the high-TEXPM group compared with the low-TEXPM group. (**B**) The correlation between the risk score of TEXPM and TMB. (**C**) OS of the low-TMB group is better than that of the high-TMB group. (**D**) OS of the low-TMB+ low-risk group is better than that of the high-TMB+ high-risk group.

Supplementary Figure 3. Correlation of TEXPM with checkpoints.

Supplementary Figure 4. Expression of five genes in TEXPM in TCGA. (**A**) The differential expression of 4 genes. (**B**) Survival analysis of 5 genes.