

Figure S1 The expression level of the gasdermin (GSDM) genes in tumor tissues and normal tissues derived from the TCGA database. (A) The expression level of the GSDM genes in all tumor tissues. (B) The expression level of the GSDM genes in each tumor tissue. *, $P < 0.05$.

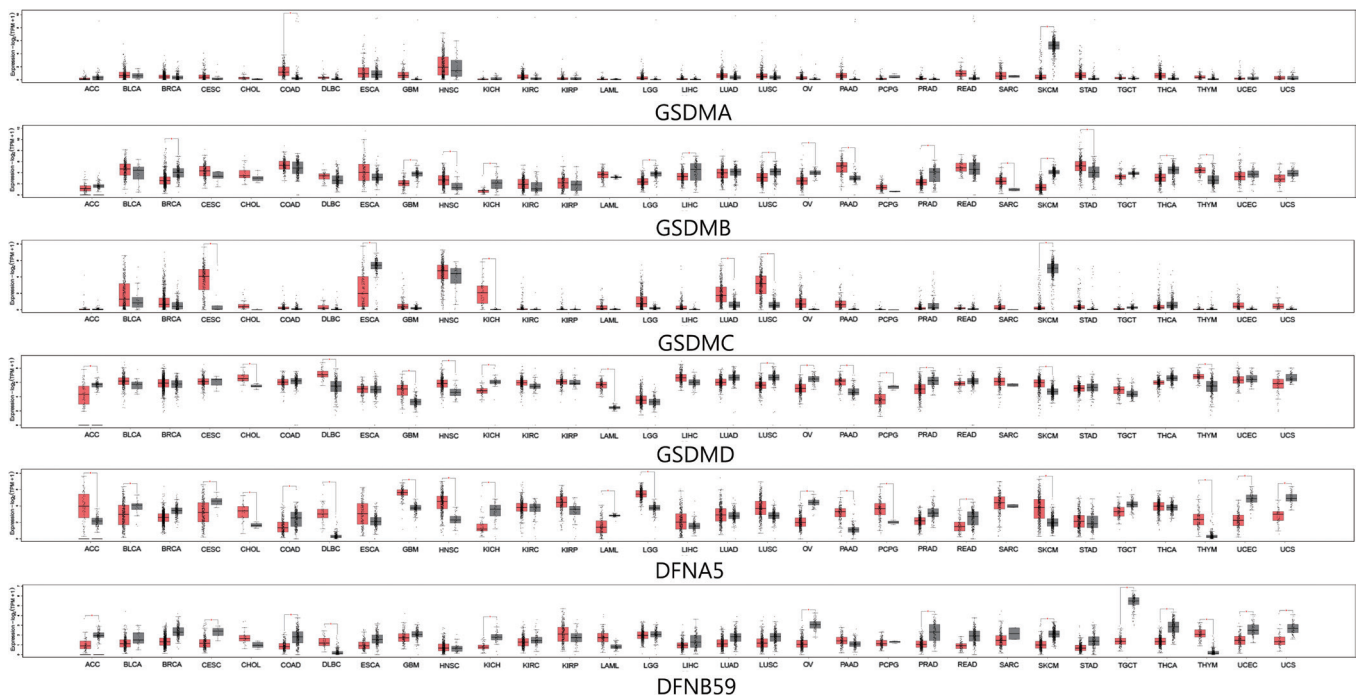


Figure S2 A comparative analysis of the expression of the GSDM genes in tumor tissues and normal tissues based on the TCGA and GTEx databases. *, $P < 0.05$.

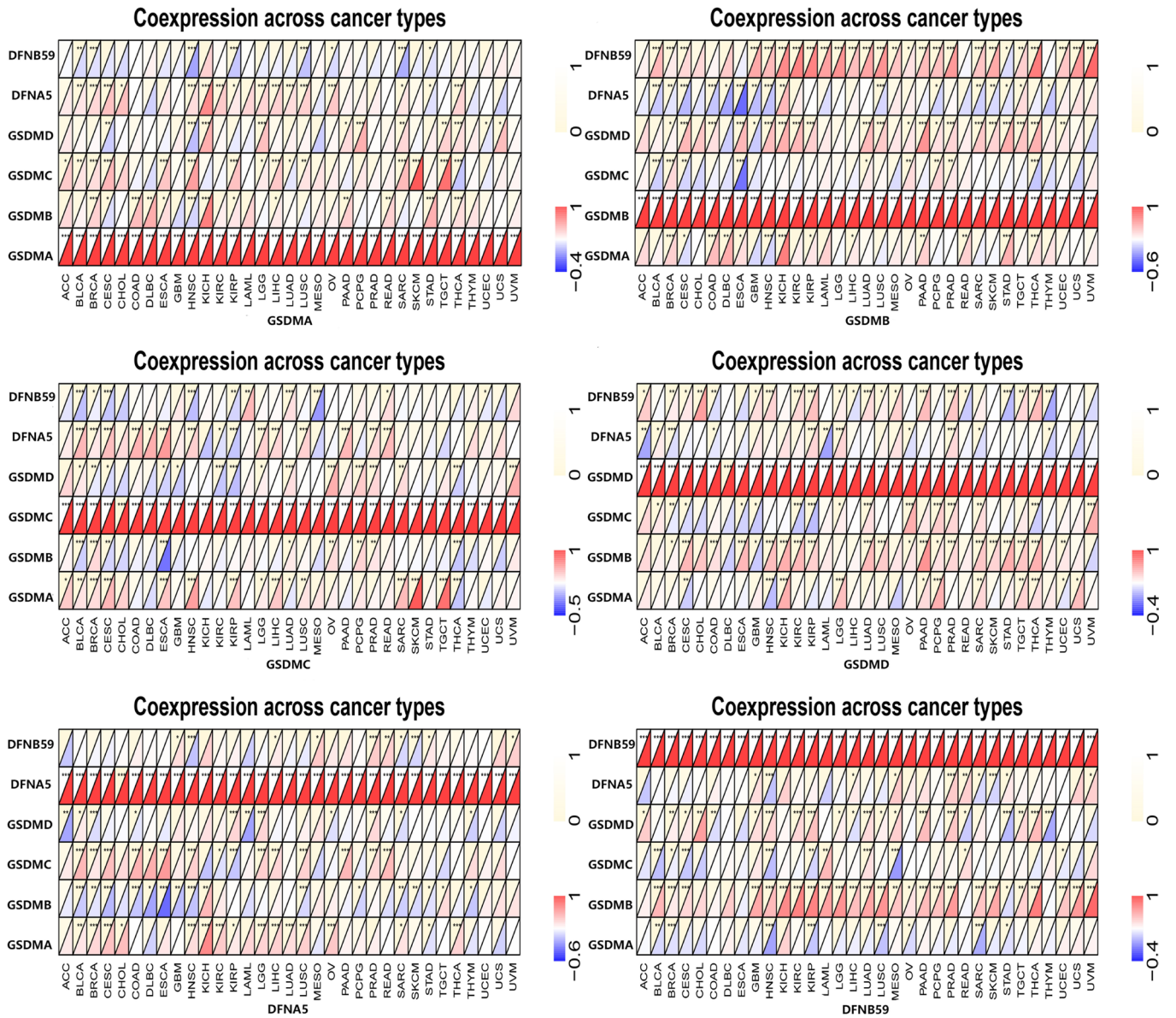


Figure S3 The correlation between GSDM genes and other genes in different tumors. (A) The correlation between GSDMA and other GSDM genes in each tumor. (B) The correlation between GSDMB and other GSDM genes in each tumor. (C) The correlation between GSDMC and other GSDM genes in each tumor. (D) The correlation between GSDMD and other GSDM genes in each tumor. (E) The correlation between DFNA5 and other GSDM genes in each tumor. (F) The correlation between DFNB59 and other GSDM genes in each tumor. *, $P < 0.05$; **, $P < 0.01$; ***, $P < 0.001$.

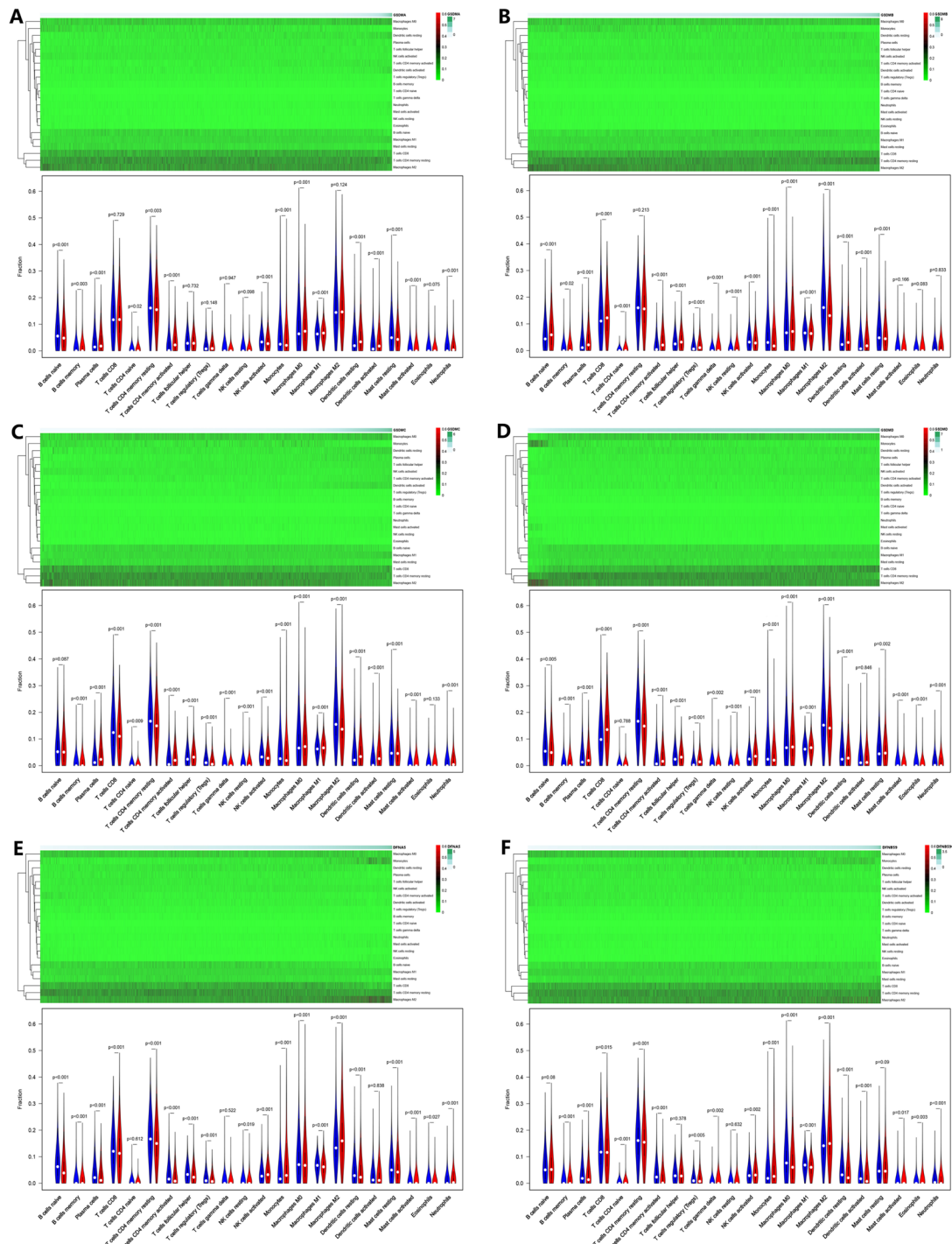


Figure S4 The relationship between the expression of GSDM genes and the infiltration content of various immune cells. (A) The immune cell heat map related to GSDMA expression, and the difference in the infiltration content of various immune cells in the GSDMA high and low expression group. (B) The immune cell heat map related to GSDMB expression, and the difference in the infiltration content of various immune cells in the GSDMB high and low expression group. (C) The immune cell heat map related to GSDMC expression, and the difference in the infiltration content of various immune cells in the GSDMC high and low expression group. (D) The immune cell heat map related to GSDMD expression, and the difference in the infiltration content of various immune cells in the GSDMD high and low expression group. (E) The immune cell heat map related to DFNA5 expression, and the difference in the infiltration content of various immune cells in the DFNA5 high and low expression group. (F) The immune cell heat map related to DFNB59 expression, and the difference in the infiltration content of various immune cells in the DFNB59 high and low expression group.

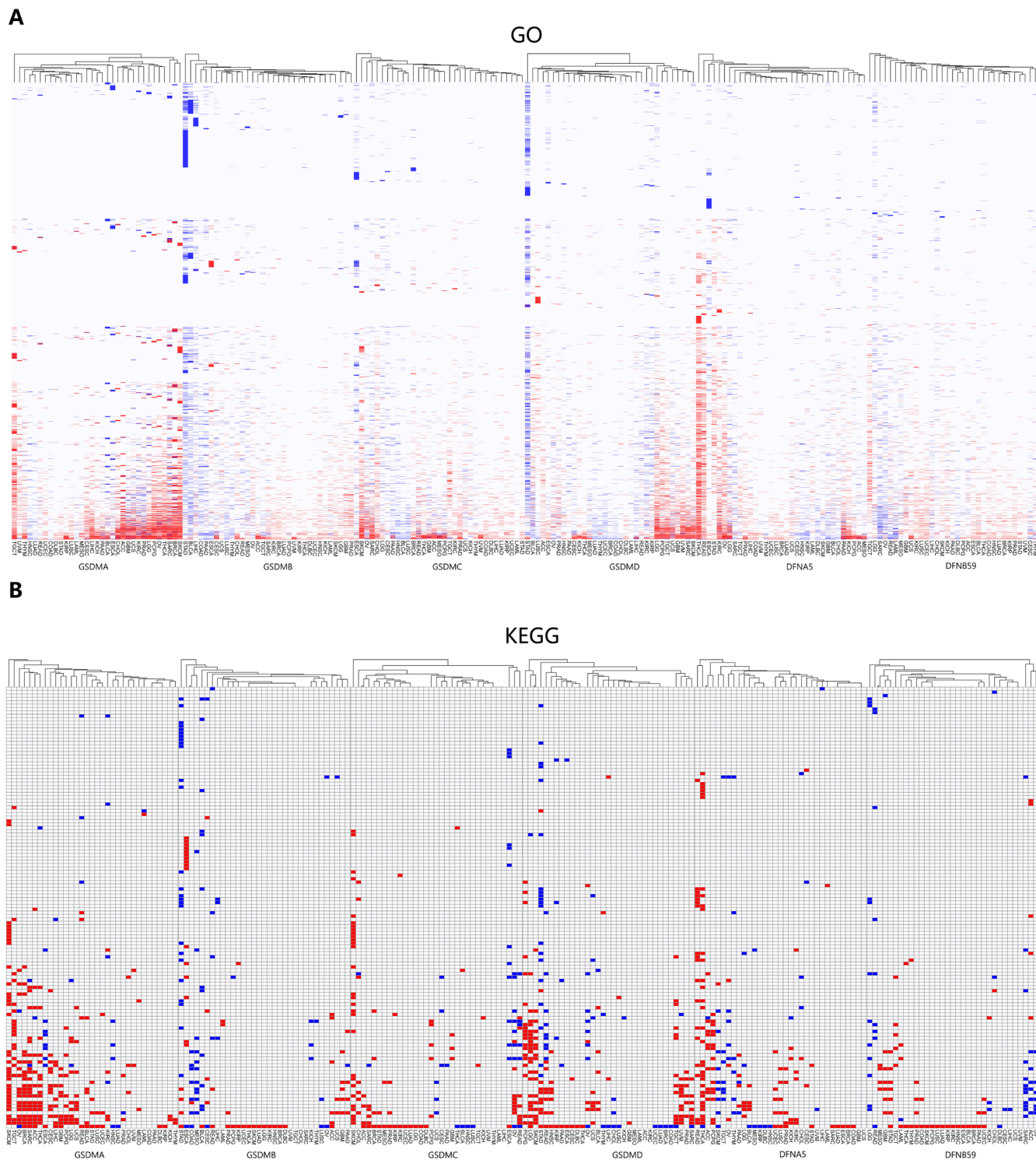


Figure S5 GO (A) and KEGG (B) pathway enrichment results of the GSDM genes in each tumor.

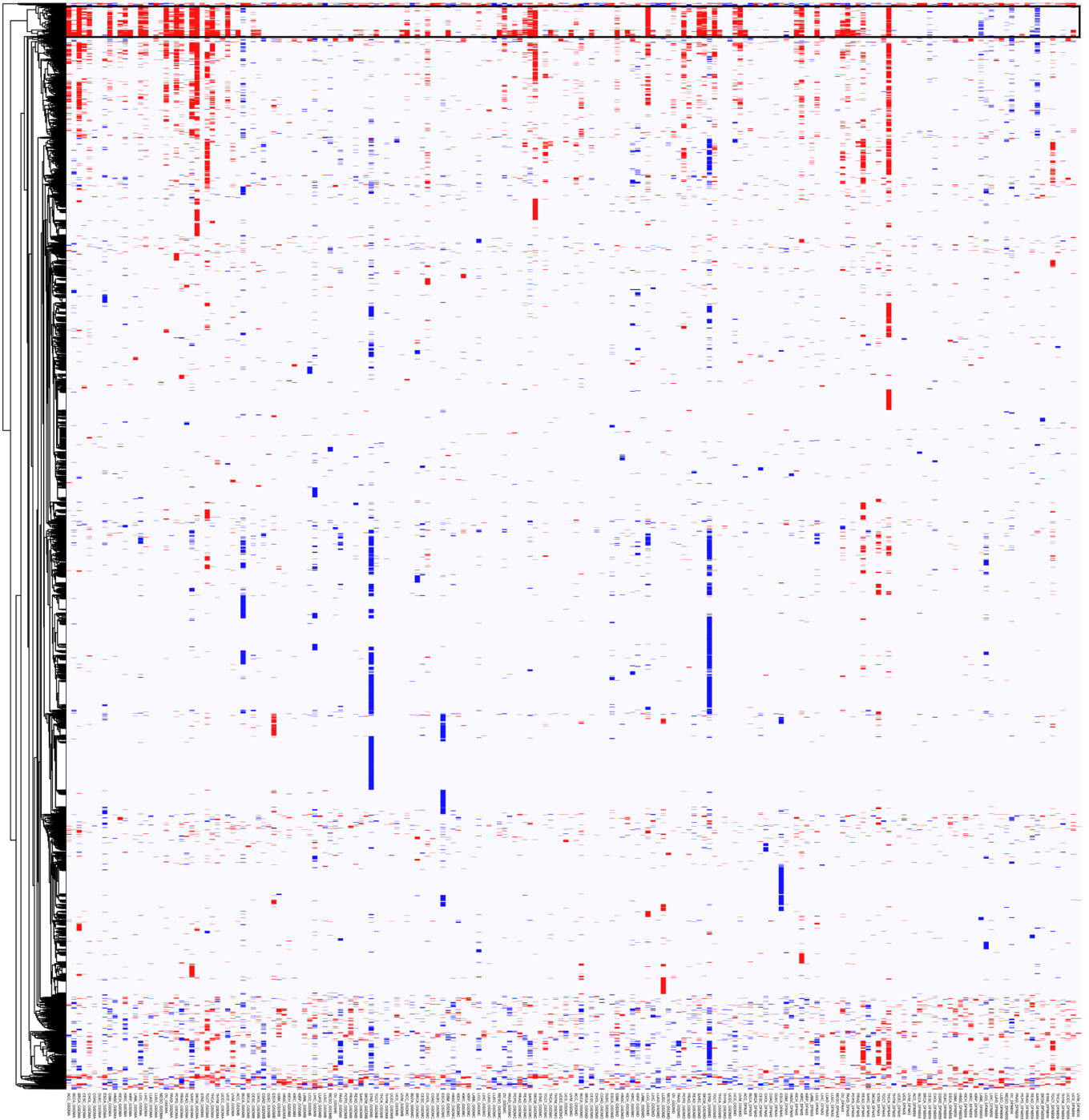


Figure S6 All GO enrichment results after clustering of the GSDM genes in each cancer (red represents NES is positive, blue represents NES is negative).

ImmuneScore

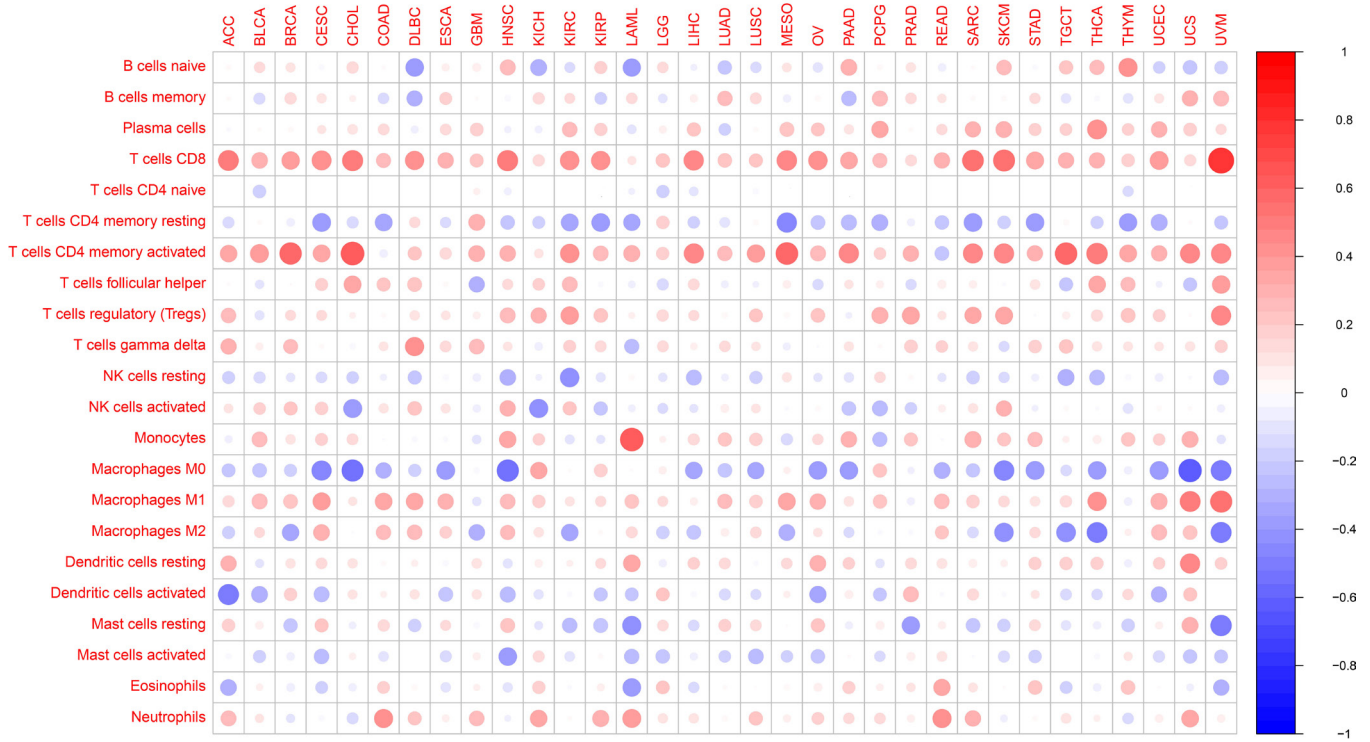


Figure S7 The relationship between immune score and immune cell infiltration in various tumors.