

Supplementary Figures

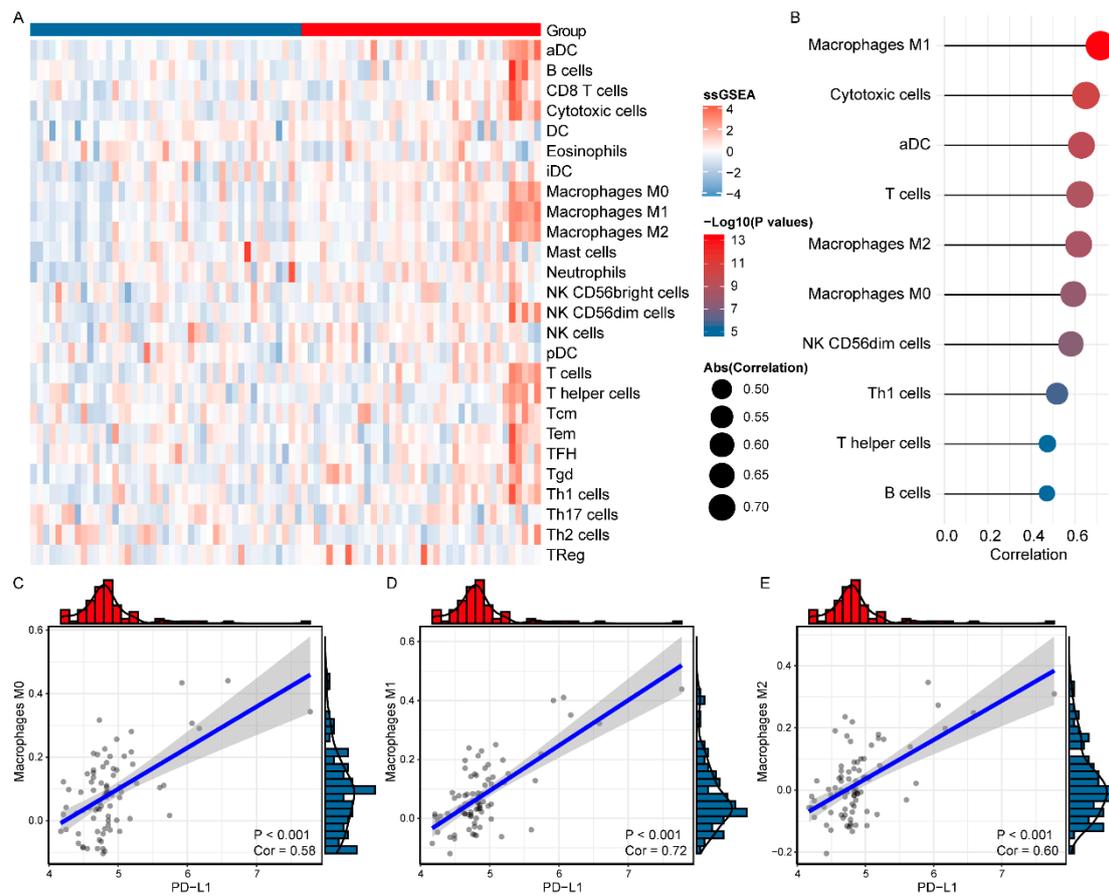


Figure S1. Association of the expression level of PD-L1 with the infiltration level of immune cell subpopulations in the GSE62232 validation cohort.

(A) The immune cell profiling of microenvironment in GSE62232. (B) The correlation of the expression level of PD-L1 with infiltration level of immune cells. (C-E) PD-L1 and macrophages (M0, M1 and M2) were associated positively, respectively.

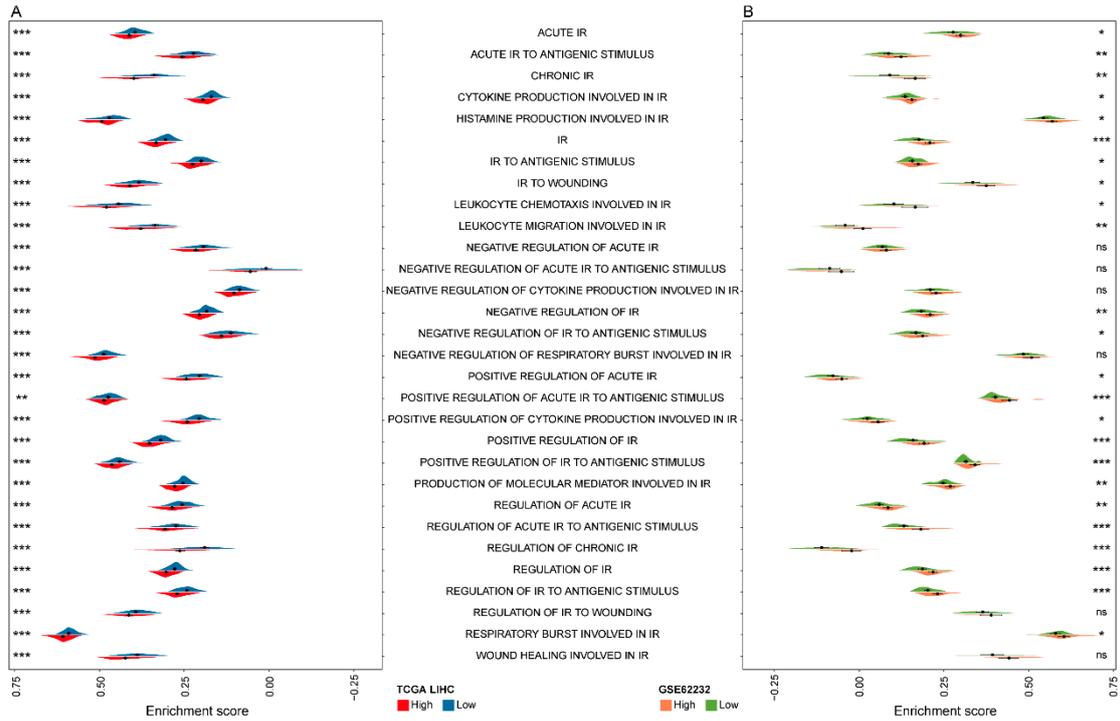


Figure S2. The different inflammatory responses between PD-L1^{High} and PD-L1^{Low} subgroups.

(A-B) The differences in the activity of inflammatory response (IR) processes between the PD-L1^{High} and PD-L1^{Low} subgroups from the TCGA LIHC and GSE62232 validation cohorts, respectively. The asterisk character represent the statistical significance of difference: ns, $p > 0.05$; * $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$.

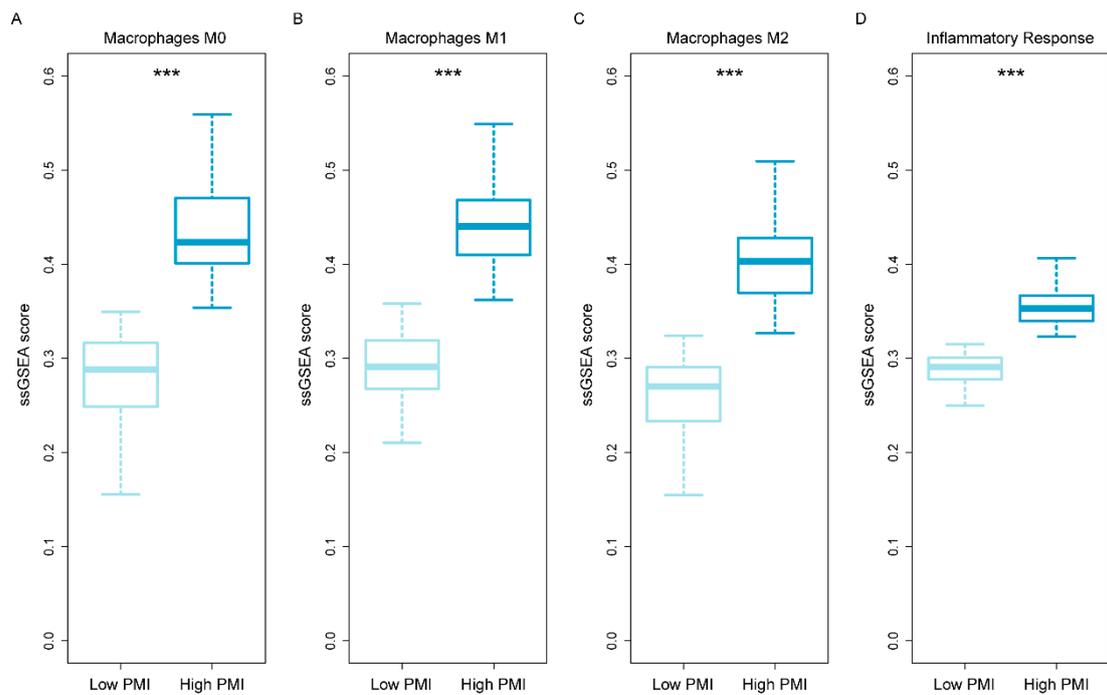


Figure S3. Differential levels of TAMs infiltration and inflammatory response

activity between PMI^{High} and PMI^{Low} subgroups.

(A-D) The differences in macrophages (M0, M1 and M2) infiltration and inflammatory response activity between the PMI^{High} and PMI^{Low} subgroups, respectively. The asterisk character represent the statistical significance of difference: ns, $p > 0.05$; * $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$.