Supplementary Table7: The immune score of each sample and the correlation between scores and

the Riskscore.

Immue	Corr	P.value
StromalScore-ESTIMATE	0.14782	0.004223
ImmuneScore-ESTIMATE	0.032422	0.532468
ESTIMATEScore-ESTIMATE	0.104614	0.043468
Activated B cell-ssGSEA	0.034818	0.502608
Activated CD4 T cell-ssGSEA	-0.02491	0.631527
Activated CD8 T cell-ssGSEA	-0.01039	0.841528
Central memory CD4 T cell-ssGSEA	0.006169	0.905484
Central memory CD8 T cell-ssGSEA	0.074666	0.150089
Effector memeory CD4 T cell-ssGSEA	0.118173	0.022451
Effector memeory CD8 T cell-ssGSEA	-0.0012	0.981634
Gamma delta T cell-ssGSEA	0.022869	0.659757
Immature B cell-ssGSEA	-0.02111	0.684531
Memory B cell-ssGSEA	0.081022	0.11826
Regulatory T cell-ssGSEA	0.088374	0.088306
T follicular helper cell-ssGSEA	0.071779	0.166536
Type 1 T helper cell-ssGSEA	0.057162	0.270822
Type 17 T helper cell-ssGSEA	-0.01933	0.709868
Type 2 T helper cell-ssGSEA	0.014407	0.781529
Activated dendritic cell-ssGSEA	0.012261	0.813429
CD56bright natural killer cell-ssGSEA	0.079756	0.12414
CD56dim natural killer cell-ssGSEA	-0.08109	0.117968
Eosinophil-ssGSEA	0.006649	0.89816
Immature dendritic cell-ssGSEA	0.017679	0.733623
Macrophage-ssGSEA	0.089617	0.083904
Mast cell-ssGSEA	0.064052	0.217141
MDSC-ssGSEA	0.031664	0.542103
Monocyte-ssGSEA	-0.02047	0.693581
Natural killer cell-ssGSEA	0.050768	0.328156
Natural killer T cell-ssGSEA	0.020865	0.687939
Neutrophil-ssGSEA	-0.01192	0.818468
Plasmacytoid dendritic cell-ssGSEA	0.006809	0.895721
T cells-MCPcounter	-0.00663	0.898399
CD8 T cells-MCPcounter	-0.00696	0.893455
Cytotoxic lymphocytes-MCPcounter	-0.01502	0.772524
B lineage-MCPcounter	-0.07496	0.148506
NK cells-MCPcounter	-0.07008	0.176857
Monocytic lineage-MCPcounter	0.006754	0.896564
Myeloid dendritic cells-MCPcounter	-0.00139	0.978601
Neutrophils-MCPcounter	-0.0725	0.162297
Endothelial cells-MCPcounter	0.010774	0.8357

Fibroblasts-MCPcounter	0.157361	0.002304
B cells naive-CIBERSORT	-0.07894	0.128051
B cells memory-CIBERSORT	0.094333	0.068786
Plasma cells-CIBERSORT	-0.00891	0.863779
T cells CD8-CIBERSORT	-0.0241	0.642715
T cells CD4 memory resting-CIBERSORT	0.055459	0.285373
T cells CD4 memory activated-CIBERSORT	-0.00185	0.971532
T cells follicular helper-CIBERSORT	-0.13478	0.009153
T cells regulatory (Tregs)-CIBERSORT	0.016969	0.743929
T cells gamma delta-CIBERSORT	0.040883	0.431133
NK cells resting-CIBERSORT	0.031522	0.543916
NK cells activated-CIBERSORT	-0.02996	0.564092
Monocytes-CIBERSORT	-0.06076	0.241758
Macrophages M0-CIBERSORT	0.063437	0.221598
Macrophages M1-CIBERSORT	-0.07165	0.167299
Macrophages M2-CIBERSORT	0.021376	0.680702
Dendritic cells resting-CIBERSORT	0.050419	0.331494
Dendritic cells activated-CIBERSORT	-0.06686	0.197581
Mast cells resting-CIBERSORT	-0.0171	0.742099
Mast cells activated-CIBERSORT	0.065233	0.208768
Eosinophils-CIBERSORT	-0.03126	0.547258
Neutrophils-CIBERSORT	0.054371	0.294951
B_cell-TIMER	-0.05628	0.282895
CD4_Tcell-TIMER	-0.02057	0.694958
CD8_Tcell-TIMER	-0.02388	0.648818
Neutrophil-TIMER	-0.00515	0.921722
Macrophage-TIMER	0.042897	0.413222
Dendritic-TIMER	-0.01737	0.740493