

Supplementary Table S4. TIMER2 analysis of Immune Cell infiltrations associated with JADE2 expression in LUSC

Infiltrates	rho	p	adj.p
B Cells			
B cell memory_CIBERSORT	0.02508	0.584787	0.716066
B cell memory_CIBERSORT-ABS	0.039844	0.38525	0.538811
B cell memory_XCELL	0.021477	0.639861	0.759793
B cell naive_CIBERSORT	0.054875	0.231601	0.371552
B cell naive_CIBERSORT-ABS	0.101691	0.026358	0.070289
B cell naive_XCELL	0.176781	0.000104	0.000742
B cell plasma_CIBERSORT	-0.20345	7.51E-06	7.27E-05
B cell plasma_CIBERSORT-ABS	-0.09262	0.04319	0.106205
B cell plasma_XCELL	-0.08961	0.050463	0.120149
B cell_EPIC	0.045308	0.32342	0.465353
B cell_MCPCOUNTER	0.032105	0.484219	0.61947
B cell_QUANTISEQ	0.153794	0.000751	0.004024
B cell_TIMER	-0.0225	0.624005	0.750467
B cell_XCELL	0.125384	0.006105	0.023185
Class-switched memory B cell_XCELL	0.188575	3.40E-05	0.000279
CD8+ T Cells			
T cell CD8+ central memory_XCELL	0.048659	0.288885	0.431171
T cell CD8+ effector memory_XCELL	0.131983	0.003882	0.01327
T cell CD8+ naive_XCELL	-0.10274	0.024835	0.065789
T cell CD8+_CIBERSORT	0.060393	0.187926	0.321241
T cell CD8+_CIBERSORT-ABS	0.172594	0.000152	0.000714
T cell CD8+_EPIC	-0.08108	0.076897	0.167167
T cell CD8+_MCPCOUNTER	0.046617	0.309622	0.448728
T cell CD8+_QUANTISEQ	0.055691	0.224728	0.363933
T cell CD8+_TIMER	0.084692	0.064579	0.145941
T cell CD8+_XCELL	0.051743	0.259369	0.399028
CD4+ T Cells			
T cell CD4+ (non-regulatory)_QUANTISEQ	0.048659	0.288885	0.431171
T cell CD4+ (non-regulatory)_XCELL	0.131983	0.003882	0.01327
T cell CD4+ central memory_XCELL	-0.10274	0.024835	0.065789
T cell CD4+ effector memory_XCELL	0.060393	0.187926	0.321241
T cell CD4+ memory activated_CIBERSORT	0.172594	0.000152	0.000714
T cell CD4+ memory activated_CIBERSORT-ABS	-0.08108	0.076897	0.167167
T cell CD4+ memory resting_CIBERSORT	0.046617	0.309622	0.448728
T cell CD4+ memory resting_CIBERSORT-ABS	0.055691	0.224728	0.363933
T cell CD4+ memory_XCELL	0.084692	0.064579	0.145941
T cell CD4+ naïve_CIBERSORT	0.051743	0.259369	0.399028
T cell CD4+ naïve_CIBERSORT-ABS	0.048659	0.288885	0.431171
T cell CD4+ naïve_XCELL	0.131983	0.003882	0.01327
T cell CD4+ Th1_XCELL	-0.10274	0.024835	0.065789

T cell CD4+ Th2_XCELL	0.060393	0.187926	0.321241
T cell CD4+_EPIC	0.172594	0.000152	0.000714
T cell CD4+_TIMER	-0.08108	0.076897	0.167167
Macrophages			
Macrophage M0_CIBERSORT	0.138445	0.002443	0.007012
Macrophage M0_CIBERSORT-ABS	0.231153	3.32E-07	2.19E-06
Macrophage M1_CIBERSORT	0.112328	0.014104	0.033714
Macrophage M1_CIBERSORT-ABS	0.200352	1.04E-05	5.28E-05
Macrophage M1_QUANTISEQ	0.084314	0.065783	0.125302
Macrophage M1_XCELL	0.125232	0.006168	0.015748
Macrophage M2_CIBERSORT	-0.05526	0.228339	0.334971
Macrophage M2_CIBERSORT-ABS	0.123764	0.006802	0.017149
Macrophage M2_QUANTISEQ	0.184143	5.21E-05	0.000225
Macrophage M2_TIDE	-0.1682	0.000224	0.000846
Macrophage M2_XCELL	-0.04097	0.37199	0.483104
Macrophage_EPIC	0.125234	0.006167	0.015748
Macrophage_TIMER	0.025488	0.578691	0.665162
Macrophage_XCELL	0.075614	0.099052	0.176878
Macrophage/Monocyte_MCPCOUNTER	0.196562	1.53E-05	7.36E-05
Neutrophils			
Neutrophil_CIBERSORT	-0.17709	0.000101	0.000496
Neutrophil_CIBERSORT-ABS	-0.14692	0.001292	0.00454
Neutrophil_MCPCOUNTER	0.195444	1.72E-05	9.77E-05
Neutrophil_QUANTISEQ	-0.03395	0.459447	0.616898
Neutrophil_TIMER	0.040949	0.372197	0.51718
Neutrophil_XCELL	-0.15688	0.000585	0.002218
Dendritic Cells			
Myeloid dendritic cell activated_CIBERSORT	-0.13947	0.002265	0.009489
Myeloid dendritic cell activated_CIBERSORT-ABS	-0.10888	0.017371	0.05667
Myeloid dendritic cell activated_XCELL	0.168034	0.000227	0.001257
Myeloid dendritic cell resting_CIBERSORT	-0.03695	0.420743	0.581444
Myeloid dendritic cell resting_CIBERSORT-ABS	-3.54E-06	0.999938	0.999938
Myeloid dendritic cell_MCPCOUNTER	0.141675	0.001924	0.008145
Myeloid dendritic cell_QUANTISEQ	0.00617	0.893076	0.937847
Myeloid dendritic cell_TIMER	0.129216	0.004705	0.017962
Myeloid dendritic cell_XCELL	0.026049	0.570359	0.711607
Plasmacytoid dendritic cell_XCELL	0.154546	0.000707	0.003562