

Table SIV. Correlation analysis of T cell immune regulator 1 expression with related gene markers in the GSE16011 dataset.

Cell type	Gene markers	Cor	P-value
CD8 ⁺ T cell	CD8A	0.44	<0.0001
	CD8B	0.44	<0.0001
T cell (general)	CD3D	0.52	<0.0001
	CD3E	0.52	<0.0001
	CD2	0.56	<0.0001
B cell	CD19	0.50	<0.0001
	CD79A	0.39	<0.0001
Monocyte	CD86	0.54	<0.0001
	CSF1R	0.61	<0.0001
Tumor-associated macrophage	CCL2	0.50	<0.0001
	CD68	0.72	<0.0001
	IL10	0.62	<0.0001
M1 macrophage	NOS2	0.31	<0.0001
	IRF5	0.55	<0.0001
	PTGS2	0.41	<0.0001
M2 macrophage	CD163	0.62	<0.0001
	VSIG4	0.60	<0.0001
	MS4A4A	0.40	<0.0001
Neutrophils	CEACAM8	0.48	<0.0001
	ITGAM	0.74	<0.0001
	CCR7	0.60	<0.0001
Natural killer cell	KIR2DL1	NA	NA
	KIR2DL3	0.41	<0.0001
	KIR2DL4	0.45	<0.0001
	KIR3DL1	0.46	<0.0001
	KIR3DL2	NA	NA
	KIR3DL3	0.41	<0.0001
	KIR2DS4	NA	NA
Dendritic cell	HLA-DPB1	NA	NA
	HLA-DQB1	NA	NA
	HLA-DRA	NA	NA
	HLA-DPA1	NA	NA
	CD1C	0.32	<0.0001
	NRP1	0.56	<0.0001
	ITGAX	0.55	<0.0001
T helper 1	TBX21	0.45	<0.0001
	STAT4	0.37	<0.0001
	STAT1	0.41	<0.0001
	IFNG	0.47	<0.0001
	TNF	0.46	<0.0001
	GATA3	0.51	<0.0001
T helper 2	STAT6	0.75	<0.0001
	STAT5A	0.66	<0.0001
	IL13	0.34	<0.0001
T follicular helper	BCL6	0.24	<0.0001
	IL21	0.48	<0.0001
T helper 17	STAT3	0.53	<0.0001
	IL17A	0.43	<0.0001
T regulatory cell	FOXP3	0.44	<0.0001
	CCR8	0.39	<0.0001
	STAT5B	0.28	<0.0001
	TGFB1	0.73	<0.0001
T cell exhaustion	PDCD1	0.30	<0.0001
	CTLA4	0.48	<0.0001
	LAG3	0.41	<0.0001
	HAVCR2	0.62	<0.0001
	GZMB	0.55	<0.0001

Cor, Spearman's correlation coefficient; NA, not acquired.