Table SI. Correlation analysis between syntaxin 6and related genes and markers of immune cells usingthe TIMER database.

Cell type	Gene markers	None		Purity	
		R-value	P-value	R-value	P-value
TAM	CCL2	0.271	***	0.300	***
	CD68	0.298	***	0.314	***
	IL10	0.310	***	0.338	***
	VSIG4	0.222	***	0.254	***
	MS4A4A	0.202	***	0.234	***
	CD204 (MSR1)	0.371	***	0.414	***
M1 macrophage	CD80	0.426	***	0.477	***
	CD86	0.381	***	0.442	***
	TLR2	0.346	***	0.367	***
M2 macrophage	CSF1R (CD115)	0.321	***	0.375	***
	CLEC10A (CD301)	0.233	***	0.242	***
	CD163	0.173	***	0.190	***
Dendritic cell	BDCA-1 (CD1C)	0.292	***	0.280	***
	BDCA-4 (NRP1)	0.497	***	0.485	***
	CD11c (ITGAX)	0.425	***	0.483	***
	THBD	0.232	***	0.239	***
Th1	T-bet (TBX21)	0.142	**	0.159	**
	STAT4	0.293	***	0.313	**
	TNF-α (TNF)	0.338	***	0.377	***
	CD4	0.206	***	0.211	***
Th2	GATA3	0.331	***	0.388	***
	STAT6	0.311	**	0.298	**
	STAT5A	0.405	***	0.411	***
Tfh	BCL6	0.348	***	0.352	***
	IL21	0.123	*	0.137	*
Th17	STAT3	0.364	***	0.371	***
	IL17A	0.104	*	0.114	*
Treg	FOXP3	0.104	*	0.11	*
	CCR8	0.457	***	0.497	***
	STAT5B	0.425	***	0.429	***
	TGF-β (TGFB1)	0.509	***	0.55	***

None, correlation without adjustment; Purity, correlation adjusted by tumor purity.TIMER; Tumor Immune Estimation Resource; TAM, tumor-associated macrophage; Th, T helper; Tfh, follicular helper

T; Treg, regulatory T cell; CCL2, CC motif chemokine ligand 2; VSIG4, V-set and immunoglobulin domain containing 4; MS4A4A, membrane spanning 4-domains A4A; MSR1, macrophage scavenger receptor 1;TLR2, toll-like receptor 2; CSF1R,colony stimulating factor 1 receptor; CLEC10A, C-type lectin domain containing 10A;BDCA, C-type lectin domain family 4 member C;THBD, thrombomodulin; TBX21,T-box transcription factor 21; GATA3, GATA binding protein 3; BCL6, B-cell lymphoma 6; FOXP3,forkhead box P3; CCR8; C-C motif chemokine receptor 8.