

**Supplementary Table 2.** Interrelationships of the individual immune checkpoint proteins in the different cell types

Variable	iCTLA-4		iPD-1		iPD-L1		tPD-L1	
	r	P-value	r	P-value	r	P-value	r	P-value
iCTLA-4	-	-	0.427	<0.001	0.303	<0.001	0.283	<0.001
iPD-1	0.427	<0.001	-	-	0.437	<0.001	0.282	<0.001
iPD-L1	0.303	<0.001	0.437	<0.001	-	-	0.567	<0.001
tPD-L1	0.283	<0.001	0.282	<0.001	0.567	<0.001	-	-

iCTLA-4, cytotoxic T lymphocyte antigen-4 in tumor-infiltrating mononuclear cells; iPD-1, programmed cell death-1 in tumor-infiltrating mononuclear cells; iPD-L1, programmed cell-death ligand-1 in tumor-infiltrating mononuclear cells; tPD-L1, programmed cell-death ligand-1 in tumor cells.