

Table S1. IRP correlation with blood inflammatory markers. AAbs rise as well as homozygosis status in germline HLA A, B, C and DRB1 alleles did not correlate with IRP rate.

	IRP	N	Avg	Std Dev	P-value
Neutr	No	137	5.43	3.14	0.16
	Yes	26	4.50	2.49	
Lymph	No	137	1.79	1.54	0.27
	Yes	25	1.44	0.51	
NLR	No	133	4.38	4.96	0.38
	Yes	25	3.49	2.26	
MON	No	137	0.75	0.39	0.32
	Yes	26	0.66	0.30	
EOS	No	137	0.13	0.15	0.94
	Yes	26	0.14	0.14	
CRP	No	106	25.66	42.21	0.16
	Yes	22	12.60	19.75	
ESR	No	94	46.02	34.12	0.98
	Yes	21	46.19	25.42	
LDH	No	126	462.95	277.66	0.09
	Yes	24	362.04	209.25	

Neutr: neutrophils, Lymph: lymphocytes, NLR: neutrophil to lymphocyte ratio, MON: monocytes, EOS: eosinophils, CRP: C-reactive Protein, ESR: erythrocyte sedimentation rate, LDH: lactate dehydrogenase, IRP: immune-related pneumonitis, N: number of patients enrolled for the analysis, Avg: average values, Std Dev: standard deviation of the values.