

Supplementary File I.

Patient	Gender	Age	ITGAL levels	Perforin 1 levels	CD70 levels	Anti- DNA	Anti- RNP	Anti- Sm	Anti- SSA/Ro	Anti- SSB/La	aCL	Lupus anti- coagulant	Anti- microso- mal	Anti- thyroglo- bulin	Low lympho- cyte count	Low C3 levels
1	♀	28	7,140	10,658	1,182	1	0	0	0	0	0	0	0	0	0	1
2	♂	32	16,623	31,412	0,000	0	0	0	0	0	0	0	0	0	0	0
3	♀	44	13,867	9,279	4,893	1	0	1	1	0	0	0	0	1	1	1
4	♂	34	32,649	95,238	0,000	1	1	1	1	0	0	0	1	1	1	1
5	♀	27	7,443	22,197	0,000	1	0	0	1	1	0	0	NA	NA	1	1
6	♀	22	19,365	25,579	5,126	1	0	0	0	0	0	0	1	1	1	1
7	♀	33	8,000	8,734	0,000	1	0	0	0	0	1	0	0	0	1	1
8	♀	43	14,175	7,660	0,000	0	0	0	0	0	0	0	1	1	1	0
9	♀	50	29,161	7,556	0,948	0	0	0	1	0	0	0	0	1	0	1
10	♀	44	85,714	82,743	0,000	1	0	0	1	1	0	0	1	1	1	1
11	♀	23	29,921	71,444	1,232	1	1	1	0	0	1	0	NA	NA	1	1
12	♀	20	22,759	15,751	0,287	1	0	0	0	0	1	0	0	0	1	1
13	♂	20	10,210	35,703	1,487	1	0	0	0	0	0	0	NA	NA	0	1
14	♂	22	16,847	14,281	0,000	1	1	1	0	0	0	0	0	0	1	1
15	♂	40	8,199	7,514	3,520	1	0	0	1	0	0	1	NA	0	1	1
16	♀	46	4,893	23,191	1,357	0	0	0	1	1	0	0	0	0	0	0
17	♀	48	23,729	39,732	1,049	1	1	1	1	0	0	0	0	0	1	1
18	♀	25	40,498	18,524	0,809	1	0	0	0	0	0	0	1	1	0	0
19	♀	34	41,611	27,532	3,803	1	0	0	0	0	0	0	1	1	0	1
20	♀	35	17,272	19,891	0,966	1	0	0	0	0	0	0	0	0	1	1
21	♀	24	71,294	102,104	0,000	1	1	0	0	0	0	0	0	0	1	1
22	♂	46	82,456	10,000	0,000	1	1	0	0	0	0	0	1	1	1	1
23	♀	26	13,008	5,205	0,898	1	0	0	0	0	0	0	1	1	0	1
24	♀	26	2,440	1,274	0,312	0	1	1	1	0	0	0	0	0	1	0
25	♂	28	2,432	1,389	0,706	1	0	0	0	0	0	0	0	0	1	1
26	♂	25	2,439	3,492	0,509	1	0	0	0	0	0	0	0	0	1	1
27	♀	45	11,191	15,363	4,282	1	0	0	1	0	1	1	0	0	1	0
28	♀	39	2,498	3,815	2,465	1	1	1	1	1	1	1	NA	NA	1	1
29	♀	47	1,466	3,089	0,483	1	1	1	0	0	0	0	0	0	0	1
30	♀	33	3,024	7,914	1,631	1	0	0	0	0	1	0	1	0	0	1
31	♀	28	1,549	4,345	0,298	1	0	0	0	0	0	0	0	0	0	0
32	♀	29	1,620	6,014	5,483	1	0	0	0	0	0	0	1	1	1	1
33	♀	29	1,877	7,205	3,109	1	NA	0	0	0	0	0	0	0	1	NA
34	♀	50	3,002	7,486	1,903	1	0	0	1	0	NA	NA	0	0	0	0
35	♀	64	1,076	5,098	2,094	1	NA	NA	NA	NA	NA	NA	NA	NA	0	0

1: presence; 0: absence; NA : not available

Low C4 levels	Low CH50 activity	Thrombo- cytopenia	Renal	Arthritis	Cutaneous Raynaud's pheno- menon	Pericarditis	Pleuritis	Hemolytic Anemia	Neurologic	Asympto- matic	Sledai index	Sledai ≥ 6	Clinical hypo thyroidism	Treatment	
1	1	1	1	1	1	0	0	1	1	0	0	16	1	0	1
0	1	0	0	1	0	0	0	0	0	0	0	4	0	0	0
1	1	1	1	1	1	1	1	1	0	1	0	20	1	0	1
1	1	1	1	1	1	1	1	1	0	0	0	16	1	1	1
1	1	0	1	1	1	1	1	1	0	0	0	4	0	0	1
1	1	0	1	1	1	1	0	0	0	0	0	18	1	1	0
1	1	1	0	1	0	0	1	1	0	0	0	18	1	0	1
0	0	0	0	1	0	0	0	0	0	0	0	4	0	0	1
1	1	0	1	1	1	0	0	0	0	0	0	6	1	0	1
1	1	0	1	1	0	0	1	0	0	0	0	24	1	0	1
1	1	1	0	1	1	0	0	0	0	0	0	2	0	0	1
1	1	1	0	1	1	1	0	0	0	1	0	4	0	0	1
1	1	0	0	1	0	0	0	0	0	0	0	6	1	0	1
1	1	0	1	1	1	0	0	1	0	1	0	20	1	0	1
1	1	0	1	1	1	1	0	0	1	0	0	16	1	0	1
0	0	0	0	1	1	0	0	0	0	0	0	6	1	0	0
1	0	0	1	1	1	1	0	0	0	0	0	2	0	0	0
0	0	0	1	1	0	0	0	0	0	0	0	16	1	1	0
0	0	0	1	1	1	0	0	0	0	0	0	2	0	0	0
0	1	0	0	1	1	0	0	0	0	0	0	2	0	0	0
1	1	0	0	1	1	0	0	0	0	0	0	2	0	0	1
1	1	0	1	1	0	0	0	0	0	0	0	16	1	0	1
1	1	0	1	1	1	0	0	0	1	0	0	6	1	1	1
0	0	0	0	1	1	1	0	1	0	0	0	2	0	0	1
1	1	0	1	1	1	0	1	1	0	0	1	16	1	0	1
0	1	0	1	1	1	1	0	1	0	0	1	0	0	0	1
0	0	1	0	1	1	0	0	0	0	0	0	6	1	0	1
1	1	0	1	1	1	0	1	1	0	0	0	25	1	0	1
1	0	0	0	1	1	1	1	0	0	0	0	12	1	0	0
0	0	0	0	1	0	0	0	0	0	0	0	9	1	0	0
1	1	0	1	0	0	0	0	1	0	0	0	18	1	0	0
1	1	0	0	1	1	0	0	0	0	1	0	20	1	1	1
NA	NA	0	0	0	0	0	0	0	0	1	0	10	1	0	1
0	0	0	1	0	0	0	0	0	0	0	1	10	1	0	1
0	1	0	1	0	0	0	0	0	0	0	1	16	1	0	1

Supplementary File II.

		ITGAL levels (mean $\pm$ SD)	<i>p</i> -value	PRF1 levels (mean $\pm$ s.d.)	<i>p</i> -value	CD70 levels (mean $\pm$ SD)	<i>p</i> -value
Gender	♀	17.49 $\pm$ 20.87		21.25 $\pm$ 25.05		1.65 $\pm$ 1.67	
	♂	23.09 $\pm$ 28.20	0.643	23.33 $\pm$ 33.21	0.793	0.68 $\pm$ 1.29	0.051
Anti-DNA	1	19.47 $\pm$ 23.56		22.91 $\pm$ 27.93		1.60 $\pm$ 1.70	
	0	13.45 $\pm$ 10.62	0.982	14.21 $\pm$ 12.56	0.766	0.52 $\pm$ 0.60	0.219
Anti-RNP	1	29.25 $\pm$ 29.58		37.88 $\pm$ 41.21		0.61 $\pm$ 0.83	
	0	16.04 $\pm$ 18.58	0.328	16.88 $\pm$ 16.93	0.592	1.67 $\pm$ 1.80	0.121
Anti-Sm	1	15.42 $\pm$ 12.59		29.76 $\pm$ 35.81		1.30 $\pm$ 1.66	
	0	20.26 $\pm$ 24.60	0.998	19.81 $\pm$ 23.42	0.952	1.47 $\pm$ 1.68	0.889
Anti-SSA/Ro	1	18.73 $\pm$ 23.55		26.28 $\pm$ 31.25		1.72 $\pm$ 1.71	
	0	19.34 $\pm$ 22.13	0.873	19.90 $\pm$ 24.14	0.763	1.27 $\pm$ 1.63	0.423
Anti-SSB/La	1	25.13 $\pm$ 40.43		32.98 $\pm$ 34.34		0.96 $\pm$ 1.19	
	0	18.32 $\pm$ 19.76	0.857	20.71 $\pm$ 25.75	0.422	1.50 $\pm$ 1.71	0.624
aCL	1	12.89 $\pm$ 11.13		20.50 $\pm$ 25.37		1.65 $\pm$ 1.57	
	0	21.11 $\pm$ 24.15	0.838	23.07 $\pm$ 27.62	0.982	1.36 $\pm$ 1.72	0.479
Lupus anticoagulant	1	7.29 $\pm$ 4.41		8.89 $\pm$ 5.89		3.42 $\pm$ 0.91	
	0	20.84 $\pm$ 23.18	0.453	23.97 $\pm$ 27.79	0.317	1.22 $\pm$ 1.61	0.037
Anti-microsomal	1	33.41 $\pm$ 30.14		28.64 $\pm$ 32.92		1.77 $\pm$ 2.19	
	0	13.58 $\pm$ 16.43	0.044	17.17 $\pm$ 22.97	0.308	1.17 $\pm$ 1.43	0.910
Anti-thyroglobulin	1	34.01 $\pm$ 27.66		26.85 $\pm$ 31.79		1.99 $\pm$ 2.30	
	0	11.90 $\pm$ 16.17	0.007	17.09 $\pm$ 22.99	0.328	1.13 $\pm$ 1.26	0.735
Low lymphocyte count	1	21.73 $\pm$ 25.41		25.94 $\pm$ 31.58		1.54 $\pm$ 1.93	
	0	13.32 $\pm$ 14.60	0.271	14.43 $\pm$ 11.40	0.661	1.30 $\pm$ 0.97	0.448
Low C3 levels	1	22.16 $\pm$ 24.37		25.47 $\pm$ 29.92		1.47 $\pm$ 1.73	
	0	10.60 $\pm$ 12.61	0.140	12.70 $\pm$ 10.07	0.335	1.22 $\pm$ 1.39	0.969
Low C4 levels	1	22.33 $\pm$ 25.38		26.47 $\pm$ 31.68		1.36 $\pm$ 1.78	
	0	13.18 $\pm$ 14.27	0.403	14.07 $\pm$ 9.99	0.582	1.47 $\pm$ 1.39	0.423
Low CH50 activity	1	20.98 $\pm$ 24.63		24.97 $\pm$ 30.47		1.34 $\pm$ 1.73	
	0	14.60 $\pm$ 15.55	0.669	15.17 $\pm$ 12.19	0.724	1.56 $\pm$ 1.43	0.341
Thrombocytopenia	1	17.93 $\pm$ 10.49		32.35 $\pm$ 35.60		1.70 $\pm$ 2.04	
	0	18.78 $\pm$ 24.38	0.320	18.99 $\pm$ 23.55	0.158	1.39 $\pm$ 1.55	0.952
Renal	1	21.73 $\pm$ 24.89		20.08 $\pm$ 25.60		1.51 $\pm$ 1.64	
	0	14.45 $\pm$ 17.88	0.458	23.78 $\pm$ 28.05	0.587	1.37 $\pm$ 1.67	0.856
Arthritis	1	20.77 $\pm$ 22.69		23.68 $\pm$ 27.37		1.40 $\pm$ 1.69	
	0	1.88 $\pm$ 0.82	0.007	6.03 $\pm$ 1.55	0.051	1.85 $\pm$ 1.16	0.301
Cutaneous	1	16.66 $\pm$ 16.50		23.11 $\pm$ 28.47		1.71 $\pm$ 1.82	
	0	22.35 $\pm$ 30.84	0.719	18.90 $\pm$ 22.59	0.905	0.94 $\pm$ 1.07	0.263
Raynaud's phenomenon	1	13.44 $\pm$ 10.78		22.31 $\pm$ 28.34		1.62 $\pm$ 2.06	
	0	20.68 $\pm$ 25.24	0.872	21.41 $\pm$ 26.10	0.900	1.39 $\pm$ 1.47	0.900
Pericarditis	1	19.25 $\pm$ 28.71		28.31 $\pm$ 38.14		1.07 $\pm$ 1.75	
	0	18.42 $\pm$ 20.50	0.630	19.70 $\pm$ 22.31	0.743	1.57 $\pm$ 1.61	0.179
Pleuritis	1	8.84 $\pm$ 9.37		15.88 $\pm$ 27.05		0.94 $\pm$ 1.50	
	0	23.09 $\pm$ 24.93	0.078	24.32 $\pm$ 26.15	0.085	1.69 $\pm$ 1.67	0.123
Haemolytic anaemia	1	9.45 $\pm$ 3.12		7.79 $\pm$ 2.73		1.87 $\pm$ 1.44	
	0	19.47 $\pm$ 23.01	0.760	22.97 $\pm$ 27.20	0.411	1.41 $\pm$ 1.66	0.446
Neurologic	1	11.39 $\pm$ 9.36		10.50 $\pm$ 4.31		2.75 $\pm$ 2.54	
	0	19.81 $\pm$ 23.52	0.598	23.53 $\pm$ 28.03	0.598	1.23 $\pm$ 1.38	0.321
Asymptomatic	1	2.24 $\pm$ 0.82		4.36 $\pm$ 2.58		1.30 $\pm$ 0.81	
	0	20.73 $\pm$ 22.73	0.013	23.90 $\pm$ 27.21	0.013	1.47 $\pm$ 1.72	0.635
Sledai $\geq$ 6	1	16.74 $\pm$ 23.29		17.33 $\pm$ 23.54		1.78 $\pm$ 1.75	
	0	22.70 $\pm$ 19.91	0.115	31.13 $\pm$ 30.65	0.099	0.74 $\pm$ 1.11	0.078
Treatment	1	19.25 $\pm$ 24.70		22.29 $\pm$ 30.45		1.41 $\pm$ 1.66	
	0	17.00 $\pm$ 15.02	0.760	20.12 $\pm$ 12.00	0.255	1.55 $\pm$ 1.63	0.553

1: presence; 0: absence.