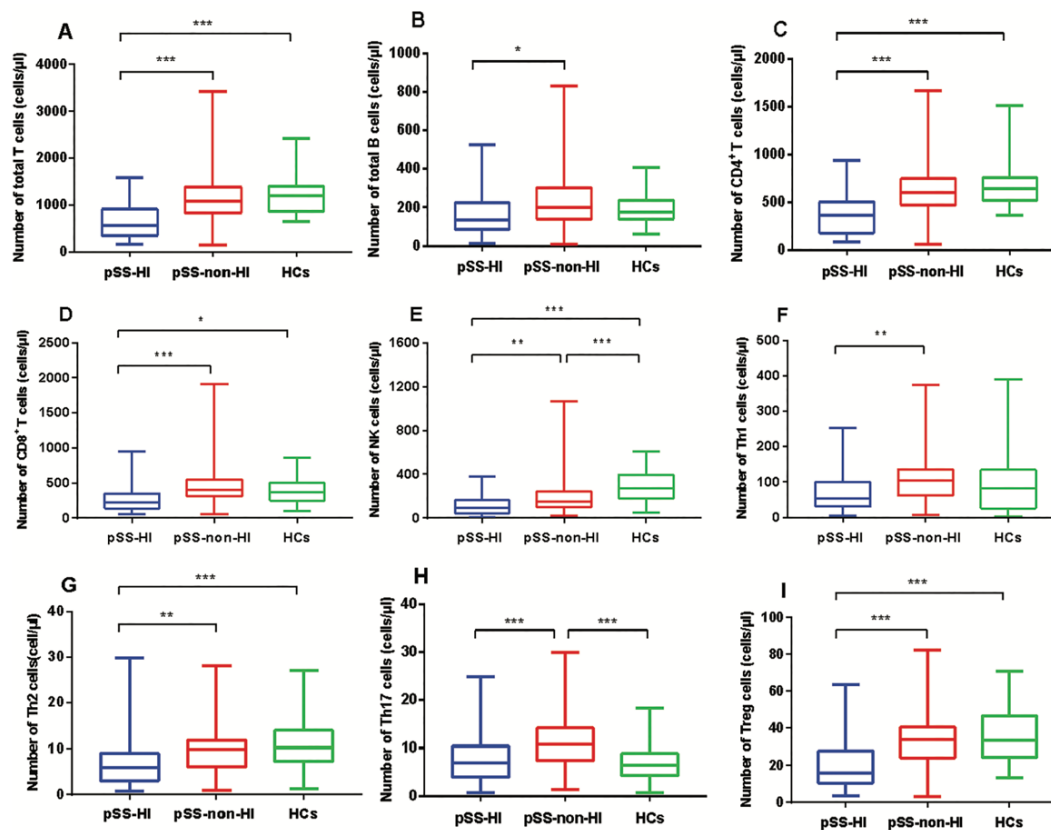


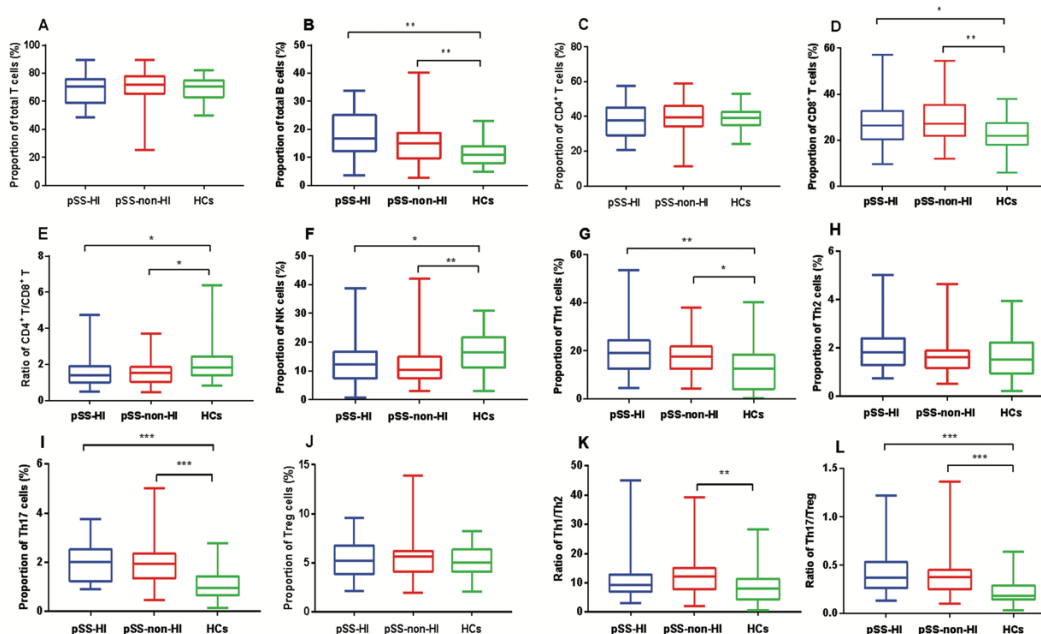
Supplementary Table S1. The absolute number and proportion of lymphocyte subsets cells in the peripheral blood in pSS-HI group, pSS-non-HI group and HCs group.

	pSS-HI group n=43	pSS-non-HI group n=94	HCs group n=40	p-value
The number of lymphocytes (cells/μl)				
Total T cells	572.04 (340.05, 911.15)	1075.10 (828.22, 1388.93)	1195.00 (864.25, 1396.75)	< 0.001
Total B cells	134.61 (85.21, 225.46)	201.92 (139.17, 302.76)	176.00 (139.00, 239.00)	0.004
CD4 ⁺ T cells	360.03 (179.16, 505.60)	599.22 (468.78, 749.86)	640.50 (518.25, 757.00)	< 0.001
CD8 ⁺ T cells	221.70 (139.40, 350.88)	398.74 (314.09, 548.54)	373.50 (251.50, 502.25)	< 0.001
NK cells	97.08 (45.19, 164.98)	152.74 (100.67, 243.51)	270.00 (179.50, 396.25)	< 0.001
Th1 cells	52.92 (31.16, 99.00)	104.2 (61.37, 136.42)	82.04 (25.58, 134.53)	0.002
Th2 cells	6.00 (3.00, 9.00)	9.91 (6.08, 11.81)	10.21 (7.26, 14.03)	< 0.001
Th17 cells	7.00 (3.98, 10.31)	10.71 (7.38, 14.11)	6.44 (4.29, 8.90)	< 0.001
Treg cells	16.11 (10.65, 28.00)	33.67 (24.17, 40.52)	33.45 (24.33, 46.72)	< 0.001
The proportion of lymphocytes (%)				
Total T cells	70.71 (58.76, 75.79)	71.91 (65.33, 77.92)	70.50 (63.00, 75.00)	0.225
Total B cells	16.68 (12.26, 25.08)	15.02 (9.75, 18.83)	11.00 (8.00, 14.00)	0.001
CD4 ⁺ T cells	37.9 (29.19, 45.10)	39.35 (34.36, 45.89)	39.00 (35.00, 42.75)	0.309
CD8 ⁺ T cells	26.41 (20.26, 32.83)	27.33 (21.80, 35.35)	22.00 (18.00, 27.50)	0.001
NK cells	12.30 (7.41, 16.61)	10.31 (7.44, 14.91)	16.50 (11.25, 21.75)	0.001
Th1 cells	19.13 (12.55, 24.37)	17.69 (12.46, 21.77)	12.65 (4.09, 18.47)	0.006
Th2 cells	1.82 (1.30, 2.40)	1.61 (1.18, 1.90)	1.52 (0.94, 2.23)	0.100
Th17 cells	2.03 (1.23, 2.52)	1.95 (1.34, 2.36)	0.96 (0.66, 1.43)	< 0.001
Treg cells	5.21 (3.84, 6.77)	5.63 (4.11, 6.23)	5.01 (4.09, 6.40)	0.844
CD4 ⁺ T/CD8 ⁺ T	1.41 (1.01, 1.91)	1.52 (1.04, 1.85)	1.83 (1.39, 2.44)	0.014
Th1/Th2	9.35 (7.00, 12.83)	12.13 (7.78, 15.02)	8.00 (4.28, 11.37)	0.002
Th17/Treg	0.37 (0.26, 0.53)	0.38 (0.25, 0.45)	0.18 (0.14, 0.29)	< 0.001

pSS-HI: pSS complicated with haematological involvement; pSS-non-HI: pSS without haematological involvement; HCs: healthy controls.



Supplementary Fig. S1. The absolute number of lymphocyte subset cells in the peripheral blood in the pSS-HI group, the pSS-non-HI group and the HCs group.
pSS-HI: pSS complicated with haematological involvement; pSS-non-HI: pSS without haematological involvement; HCs: healthy controls.
* $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$.



Supplementary Fig. S2. The proportion of lymphocyte subset cells in the peripheral blood in the pSS-HI group, the pSS-non-HI group and the HCs group.
pSS-HI: pSS complicated with haematological involvement; pSS-non-HI: pSS without haematological involvement; HCs: healthy controls.
* $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$.

Supplementary Table S2. Univariate logistic regression analysis of independent factors for the presence of pSS-HI.

Factor	B	SE	Wald	<i>p</i> -value	OR (95% CI)
Gender (Male/Female)	0.5	0.824	0.369	0.544	1.649 (0.328-8.291)
Age (year)	0.008	0.015	0.297	0.586	1.008 (0.979-1.039)
Disease duration (year)	-0.011	0.027	0.167	0.683	0.989 (0.938-1.043)
Skin involvement	1.256	0.413	9.266	0.002*	3.510 (1.561-7.892)
The corrected ESSDAI	0.074	0.041	3.241	0.072	1.077 (0.993-1.167)
ALT (U/L)	0.004	0.005	0.510	0.475	1.004 (0.994, 1.014)
AST (U/L)	0.003	0.003	0.863	0.353	1.003 (0.997-1.009)
GGT (U/L)	0.003	0.002	2.129	0.145	1.003 (0.999-1.008)
ALP (U/L)	0.008	0.003	4.751	0.029*	1.008 (1.001-1.014)
ESR (mm/h)	0.018	0.005	11.137	0.001*	1.018 (1.007-1.029)
CRP (mg/L)	-0.036	0.028	1.653	0.198	0.965 (0.913-1.019)
IgA (g/L)	0.425	0.160	7.079	0.008*	1.529 (1.118-2.092)
IgG (g/L)	0.092	0.028	10.932	0.001*	1.097 (1.038-1.159)
IgM (g/L)	0.109	0.132	0.675	0.411	1.115 (0.860-1.445)
Anti-SSA	1.110	0.406	7.485	0.006*	3.036 (1.370-6.725)
Anti-SSB	0.684	0.407	2.822	0.093	1.982 (0.892-4.404)
Total T cells (cells/ μ l)	-0.003	0.001	23.397	< 0.001*	0.997 (0.996-0.998)
Total B cells (cells/ μ l)	-0.005	0.002	8.005	0.005*	0.995 (0.992-0.998)
CD4 ⁺ T cells (cells/ μ l)	-0.005	0.001	23.543	< 0.001*	0.995 (0.993-0.997)
CD8 ⁺ T cells (cells/ μ l)	-0.004	0.001	13.393	< 0.001*	0.996 (0.993-0.998)
NK cells (cells/ μ l)	-0.007	0.002	9.820	0.002*	0.993 (0.988-0.997)
Th1 cells (cells/ μ l)	-0.008	0.003	6.092	0.014*	0.992 (0.985-0.998)
Th2 cells (cells/ μ l)	-0.097	0.041	5.565	0.018*	0.908 (0.838-0.984)
Th17 cells (cells/ μ l)	-0.166	0.046	12.895	< 0.001*	0.847 (0.774-0.927)
Treg cells (cells/ μ l)	-0.082	0.018	20.957	< 0.001*	0.921 (0.889-0.954)
Total T cells (%)	-0.025	0.018	1.802	0.179	0.976 (0.941-1.011)
Total B cells (%)	0.035	0.024	2.120	0.145	1.036 (0.988-1.085)
CD4 ⁺ T cells (%)	-0.033	0.022	2.268	0.132	0.967 (0.926-1.010)
CD8 ⁺ T cells (%)	-0.008	0.020	0.159	0.690	0.992 (0.953-1.032)
NK cells (%)	0.005	0.024	0.045	0.832	1.005 (0.960-1.053)
Th1 cells (%)	0.026	0.022	1.347	0.246	1.026 (0.982-1.072)
Th2 cells (%)	0.625	0.266	5.541	0.019*	1.869 (1.110-3.146)
Th17 cells (%)	0.105	0.218	0.232	0.630	1.111 (0.724-1.704)
Treg cells (%)	-0.064	0.093	0.477	0.490	0.938 (0.782-1.125)
CD4 ⁺ T/CD8 ⁺ T	0.049	0.249	0.039	0.842	1.051 (0.645-1.710)
Th1/Th2	-0.023	0.028	0.659	0.417	0.977 (0.925-1.033)
Th17/Treg	0.981	0.806	1.483	0.223	2.668 (0.550-12.941)
IL-2 (pg/ml)	-0.128	0.130	0.971	0.325	0.880 (0.681-1.135)
IL-4 (pg/ml)	-0.168	0.099	2.881	0.090	0.845 (0.696-1.026)
IL-6 (pg/ml)	0.010	0.012	0.729	0.393	1.010 (0.987-1.034)
IL-10 (pg/ml)	0.113	0.053	4.562	0.033*	1.120 (1.009-1.242)
IL-17 (pg/ml)	-0.020	0.018	1.294	0.255	0.980 (0.946-1.015)
IFN- γ (pg/ml)	0.143	0.090	2.530	0.112	1.154 (0.967, 1.377)
TNF- α (pg/ml)	-0.072	0.071	1.006	0.316	0.931 (0.809-1.071)

pSS-HI: pSS complicated with haematological involvement; pSS-non-HI: pSS without haematological involvement.

*represents the *p* value reaching statistical significance.

OR: odds ratio; 95% CI: 95% confidence interval.