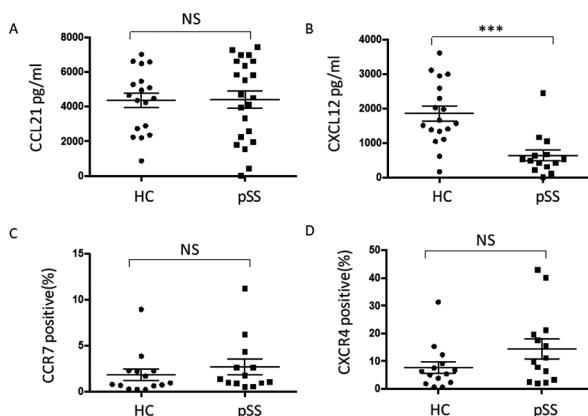


Supplementary Fig. 1. Correlations between peripheral NKT-like cell population and clinical characteristics.

Correlations between peripheral NKT-like cell population from pSS patients and (A) IgG (n=70), (B) IgM (n=70), (C) IgA (n=70), (D) CRP (n=61), (E) ESR (n=71) or (F) age (n=71), respectively.

Correlations are calculated using Spearman correlation analysis.

CRP: C reactive protein; ESR: erythrocyte sedimentation rate.



Supplementary Fig. 2. Serum chemokines and chemokine receptors on NKT-like cells in pSS patients and HC.

Serum level of (A) CCL21 (pSS n=22) and (B) CXCL12 (pSS n=14) from pSS and HC (n=18).

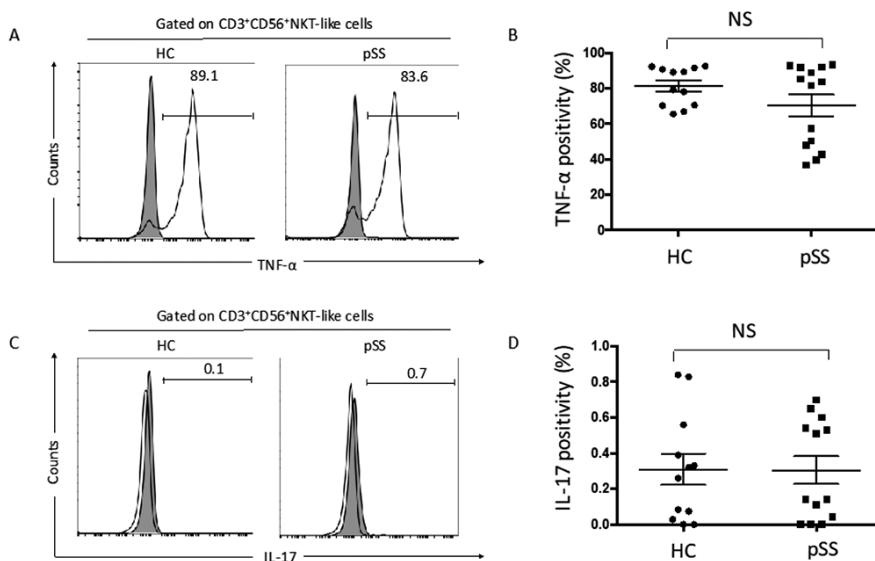
The surface expression of (C) CCR7 (pSS n=13) and (D) CXCR4 (pSS n=14) on NKT-like cells from pSS and HC (n=14).

*** $p < 0.001$ determined by Student's *t*-test.

Supplementary Table 1. The clinical characteristics of pSS patients.

	n = 110
Female, N (%)	104 (94.5)
Median age, years (range)	51 (23-79)
Median disease duration, years (range)	5.0 (0.1-30)
Dry eye, N (%)	85 (77.3)
Dry mouth, N (%)	85 (77.3)
Parotid swollen, N (%)	20 (18.2)
Xerophthalmia, N (%)	93 (84.5)
Low whole salivary flow, N (%)	82 (74.5)
Constitutional symptoms, N (%)	10 (9.1)
Lymphadenopathy, N (%)	3 (2.7)
Cutaneous manifestations, N (%)	29 (26.4)
Arthralgias/arthritis, N (%)	31 (28.2)
Hematological involvement, N (%)	28 (25.5)
Interstitial lung disease, N (%)	23 (20.9)
Renal involvement, N (%)	9 (8.2)
Peripheral nervous involvement, N (%)	4 (3.6)
Positive ANA, N (%)	110 (100)
Positive Anti-SSA, N (%)	107 (97.3)
Positive Anti-SSB, N (%)	68 (61.8)
IgG, g/L (mean \pm SD)	20.44 \pm 8.44
RF, U/L (mean \pm SD)	170.38 \pm 176.10
ESR, mm/h (mean \pm SD)	38.19 \pm 28.43
Median ESSDAI (range)	5 (0.19)

ANA: antinuclear antibody; RF: rheumatoid factor; ESR: erythrocyte sedimentation rate; CRP: C reactive protein; ESSDAI: European League Against Rheumatism (EULAR) Sjögren's syndrome disease activity index.



Supplementary Fig. 3. Cytokines produced by NKT-like cells in pSS patients and HC.

Fresh PBMCs from pSS and HC (n=12) were stimulated with PMA (50ng/ml) and ionomycin (1 μ g/ml) for 3 hours, followed by staining with anti-CD3, anti-CD56 and (C-D) anti-TNF- α (pSS n=14), (E-F) anti-IL-17A (pSS n=13) antibodies.