

Supplementary Table S1. Clinical features of the 20 pSS patients with renal disease.

Patient #	Age	Renal	Dry Mouth	Dry Eyes	PGE	Extraglandular Manifestations								
						R	A	P/R	Lun	Liv	Thy	PN	Myo	NHL
1	58y	IN	+	+	-	-	+	-	-	-	-	-	-	-
2	73y	IN	+	+	-	+	-	+	-	-	-	-	-	-
3	24y	IN	+	+	+	-	-	-	-	-	-	-	-	-
4	56y	IN	+	+	-	-	-	-	-	-	+	-	-	-
5	29y	IN	+	-	-	-	-	-	-	-	-	-	-	-
6	15y	IN	+	+	+	-	-	-	-	-	+	-	-	-
7	22y	IN	+	+	+	+	-	-	-	-	-	-	-	-
8	17y	IN	+	+	+	+	+	+	-	-	-	-	-	-
9	28y	IN	+	+	-	-	-	+	-	-	-	-	-	-
10	51y	IN	+	+	-	+	-	+	-	-	+	-	-	-
11	13y	IN	+	+	+	+	-	-	-	-	-	-	-	-
12	26y	IN	+	+	+	+	-	-	-	-	-	-	-	-
13	15y	IN	+	+	-	+	-	+	-	-	-	-	-	-
14	17y	IN	+	+	-	+	-	+	+	-	-	-	-	-
15	47y	GN/IN	+	+	+	-	-	+	-	-	-	-	-	-
16	55y	GN/IN	+	+	+	-	-	-	-	-	+	-	-	-
17	60y	GN/IN	+	+	+	-	+	+	-	-	+	-	-	-
18	46y	GN	+	+	-	-	+	+	-	-	-	+	-	-
19	50y	GN	+	+	+	+	-	+	-	-	-	-	-	-
20	53y	GN	+	+	+	-	-	+	-	-	-	-	-	-

pSS: primary Sjögren's syndrome; GN: glomerulonephritis; IN: interstitial nephritis; PGE: parotid gland enlargement; R: Raynaud's; A: arthritis; P/R: purpura/rash; L: lung; Liv: liver; Thy: thyroid; PN: peripheral neuropathy; Myo: myopathy; NHL: non-Hodgkin's lymphoma.

Supplementary Table S2. Laboratory findings of the 20 pSS patients with renal disease.

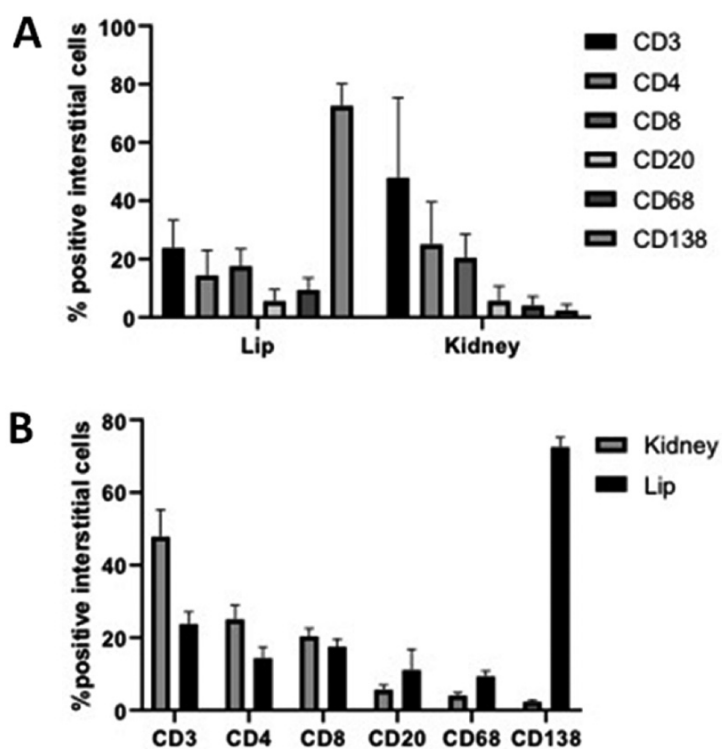
Patient #	Anaemia (<12g/dl)	Leukopenia (<4000/mm ³)	Thrombocytopenia (<140.000/mm ³)	Low C3 (80<mg/dl)	Low C4 (12<mg/dl)	Cryoglobulinaemia
1	+	-	-	-	-	-
2	+	-	-	-	-	-
3	-	+	-	-	-	N/A
4	-	-	-	-	-	-
5	-	-	-	-	-	N/A
6	-	-	-	+	+	-
7	-	-	-	-	-	N/A
8	-	-	-	-	+	N/A
9	-	-	-	N/A	N/A	N/A
10	-	+	-	+	+	-
11	-	-	-	+	+	N/A
12	-	-	-	-	-	N/A
13	-	+	-	-	-	N/A
14	-	-	-	-	-	-
15	-	-	-	+	+	-
16	-	+	+	-	+	+
17	-	-	-	-	-	N/A
18	-	-	-	-	+	+
19	-	-	-	+	+	+
20	-	-	-	+	+	-

pSS: primary Sjögren's syndrome; N/A: not known.

Supplementary Table S3. Immunologic profile of the 20 pSS patients with renal disease.

Patient #	ANA	RF	Anti-Ro	Anti-La	Other autoantibodies
1	+	-	-	-	-
2	N/A	N/A	+	+	-
3	+	+	+	+	Anti-CCP
4	+	-	-	-	-
5	+	-	+	-	-
6	+	+	+	+	AMA
7	+	+	+	+	-
8	+	+	+	+	-
9	+	+	+	+	-
10	+	+	+	+	-
11	+	+	+	+	-
12	+	+	+	+	-
13	+	+	+	+	-
14	+	+	+	+	-
15	+	-	-	-	-
16	+	+	+	+	Scl70+
17	+	+	+	+	-
18	+	+	+	+	-
19	-	+	-	-	ACA, AMA
20	+	+	+	-	-

pSS: primary Sjögren's syndrome; ANA: anti-nuclear antibodies; RF: rheumatoid factor; AMA: anti-mitochondrial antibodies; ACA: anti-centromere antibodies; N/A: not known.



Supplementary Fig. S1. Quantitation of kidney and minor salivary gland inflammatory infiltrate regarding B cells (CD20), T cells (CD3, CD4, CD8), macrophages (CD68) and plasma cells (CD138) in one patient with primary Sjögren's syndrome and interstitial nephritis (patient#15).

a) Minor salivary gland and kidney specimen (average+SD) and b) comparison according to each cell type between minor salivary gland and kidney specimen (mean+SEM)