

Table 1S. Genotype distribution of SNRNP70 rs78616533.

SNRNP70 rs78616533 genetic model	Genotype	MCTD n (%)	Controls n (%)	OR (95% CI)	p value
Codominant	CT/CT	70	95	Reference	
	-/CT	28	45	1.06 (0.55-2.04)	0.86
	-/-	1	9	0.14 (0.01-0.83)	0.07
		SLE n (%)	Controls n (%)		
Codominant	CT/CT	75	95	Reference	
	-/CT	32	45	0.77 (0.39-1.48)	0.43
	-/-	3	9	0.44 (0.09-1.63)	0.25
		SSc n (%)	Controls n (%)		
Codominant	CT/CT	56	95	Reference	
	-/CT	20	45	1.17 (0.49-2.75)	0.72
	-/-	4	9	0.45 (0.07-2.28)	0.34

Table 2S. SNRNP70 haplotypes in CTD patients and controls. Loci chosen for hap-analysis: rs117167710 T/C, rs560811128 G/A, rs78616533 delCT, c.393+47 G/A.

Haplotype	Patients 2n = 572 (%)	Controls 2n = 244 (%)	p*	OR (95% CI)
C-G-CT-G	16.04 (3)	1.99 (1)	-	-
C-G-C-G	0.13 (0.0)	2.01 (1)	-	-
T-G-delCT-G	86.17 (15)	51.00 (21)	0.05	0.686 (0.466 to 1.008)
T-G-CT-G	206.97 (36)	96.01 (39)	0.5	0.915 (0.671 to 1.249)
T-G-C-G	258.86 (45)	94.99 (38)	0.04	1.372 1.008 to 1.867)
C-G-delCT-G	1.83 (0.5)	0.00 (0)	-	-
T-delCT-C-G	0.98 (0.5)	0.00 (0)	-	-

*Fisher's test. P values in bold face are considered significant.

Table 3S. Association of SNRNP70 rs78616533 with SLE clinical parameters.

Characteristics		rs78616533 CT/CT	rs78616533 -/CT	p value
		n=68	n=26	
Age [years]		37 (21-74)	42,5 (24-76)	0,18 ^a
Disease duration [years]		1.25 (0-29.0)	1.67 (0-17)	0.74 ^a
Gender	<i>female</i>	62 (91%)	25 (96%)	0.7 ^b
	<i>male</i>	6 (9%)	1 (4%)	
ESR-OB [mm/h]		23 (3-114)	27 (4-114)	0.76 ^a
CRP [mg/L]		7 (1-395)	8 (1-202)	0.60 ^a
		n** (%)		
anti-U1-RNP		10 (15%)	4 (15%)	0.8 ^b
anti-dsDNA		44 (65%)	11 (42%)	0.8 ^b
anti-SSA		25 (37%)	10 (38)	0.95 ^b
anti-SSB		8 (12%)	3 (12%)	0.73 ^b
anti-SM		9 (13%)	5 (19%)	0.62 ^b
anti-Rib		8 (12%)	2 (8%)	0.86 ^b
anti-Jo		0 (0%)	0 (0%)	0.60 ^b
anti-histon		14 (21%)	6 (23%)	0.99 ^b
anti-Scl70		0 (0%)	1 (4%)	0.60 ^b
anti-CENP B		2 (3%)	0 (0%)	0.95 ^b
Sjögren syndrome		10 (15%)	5 (19%)	0.75 ^b
Raynaud's phenomenon				
facial erythema		31 (46%)	10 (38%)	0.84 ^b
arthritis		47 (69%)	13 (50%)	0.23 ^b
pulmonary fibrosis		3 (4%)	2 (8%)	0.91 ^b
leucopenia		26 (38%)	8 (31%)	0.74 ^b
trombocytopenia		12 (18%)	4 (15%)	0.88 ^b

a-U Mann-Whitney test, b- χ^2 with Yates correction.**Table 4S.** Association of SNRNP70 rs78616533 with SSc clinical parameters.

Characteristics		rs78616533 CT/CT	rs78616533 -/CT	p value
		n=50	n=18	
Age [years]		59.5 (28-87)	53.0 (19-79)	0.15 a
Disease duration [years]		1.33 (0.17-38)	8.21 (1.25-21)	0.82 a
Gender	<i>female</i>	40 (80%)	11 (61%)	0.20 b
	<i>male</i>	10 (20%)	7 (39%)	
ESR-OB [mm/h]		11.50 (2-76)	27 (3-56)	0.06 a
CRP [mg/L]		5 (0-52)	7 (1-59)	0.19 a
		n** (%)		
anti-U1-RNP				
anti-dsDNA		1 (2%)	0 (0%)	0.08 b
anti-SSA	<i>Ro60</i>	2 (4%)	0 (0%)	0.67 b
	<i>Ro52</i>	7 (14%)	2 (11%)	0.85 b
anti-SSB		0 (0%)	0 (0%)	0.82 b
anti-SM	<i>SmB</i>	0 (0%)	0 (0%)	0.82 b
	<i>SmD</i>	0 (0%)	0 (0%)	0.82 b
anti-Rib		0 (0%)	0 (0%)	0.82 b
anti-Jo		0 (0%)	0 (0%)	0.63 b
anti-histon		2 (4%)	1 (6%)	0.71 b
anti-Scl70		9 (18%)	9 (50%)	0.90 b
anti-CENP B		4 (8%)	4 (22%)	0.27 b
Sjögren's syndrome				
Raynaud's phenomenon		41 (82%)	18 (100%)	0.46 b
facial erythema arthritis		16 (32%)	3 (17%)	0.26 b
pulmonary fibrosis		14 (28%)	6 (33%)	0.92 b
thrombo-/leucopenia		3 (6%)	0 (100%)	0,71 b

a-U Mann-Whitney test, b- χ^2 with Yates correction.