

Supplementary Table S7 Genetic variants associated with the level of fatigue in patients with primary Sjögren's syndrome at suggestive significance ($p < 1 \times 10^{-5}$) in the meta-analysis of the UK and USA cohorts

Chr	Variant	Locus	Major/minor allele	UK				USA				Meta-analysis UK/USA			
				MAF	P-value	Beta ^a	SE	MAF	P-value	Beta ^a	SE	P-value	Beta ^a	Q ^b	I ^c
3	rs9879002	<i>LOC105377110</i>	T/A	0.47	4.47E-02	6.97	3.44	0.5	4.14E-06	12.15	2.56	5.25E-07	10.3	0.1	31.47
3	rs9821495	<i>LOC105377110</i>	A/T	0.47	4.47E-02	6.97	3.45	0.5	4.14E-06	12.14	2.56	5.38E-07	10.3	0.1	30.95
6	rs12175002	<i>PRDMI</i>	T/G	0.1	9.20E-04	21.49	6.36	0.06	5.14E-04	19.38	5.47	1.01E-06	20.28	0.84	0
3	rs6762062	<i>LOC105377110</i>	T/C	0.42	9.22E-03	9.09	3.45	0.43	5.45E-05	10.69	2.59	1.05E-06	10.11	0.38	0
6	rs11967770	<i>PRDMI</i>	A/G	0.1	1.52E-03	19.84	6.09	0.06	4.81E-04	19.4	5.45	1.40E-06	19.6	0.97	0
6	rs11965440	<i>PRDMI</i>	T/C	0.1	1.52E-03	19.84	6.09	0.06	4.81E-04	19.41	5.46	1.42E-06	19.6	0.97	0
6	rs78156691	<i>PRDMI</i>	T/C	0.1	1.54E-03	19.82	6.09	0.06	4.81E-04	19.42	5.46	1.43E-06	19.6	0.97	0
6	rs76514545	<i>PRDMI</i>	G/A	0.1	1.54E-03	19.81	6.09	0.06	4.82E-04	19.42	5.46	1.44E-06	19.59	0.96	0
6	rs75035475	<i>PRDMI</i>	G/A	0.1	1.54E-03	19.81	6.09	0.06	4.81E-04	19.42	5.46	1.44E-06	19.59	0.96	0
6	rs78859709	<i>PRDMI</i>	T/C	0.1	1.54E-03	19.88	6.11	0.06	4.94E-04	19.38	5.46	1.47E-06	19.6	0.97	0
3	rs9815269	<i>LOC105377110</i>	T/G	0.47	2.78E-02	7.57	3.41	0.44	2.46E-05	11.47	2.66	1.89E-06	9.99	0.27	0
6	rs72998845	<i>STX7</i>	G/A	0.09	3.94E-03	-17.43	5.95	0.09	2.30E-04	-17.46	4.66	1.99E-06	-17.44	0.82	0
6	rs17061323	<i>STX7</i>	G/A	0.09	3.94E-03	-17.43	5.95	0.09	2.30E-04	-17.46	4.66	1.99E-06	-17.44	0.82	0
6	rs61143379	<i>STX7</i>	T/TAC	0.09	3.95E-03	-17.42	5.95	0.09	2.30E-04	-17.46	4.66	1.99E-06	-17.44	0.82	0
6	rs2282315	<i>STX7</i>	A/G	0.09	3.95E-03	-17.42	5.95	0.09	2.30E-04	-17.46	4.66	1.99E-06	-17.44	0.82	0
6	rs12207033	<i>STX7</i>	C/T	0.09	3.95E-03	-17.42	5.95	0.09	2.30E-04	-17.46	4.66	1.99E-06	-17.44	0.82	0
6	rs3757298	<i>STX7</i>	A/C	0.09	3.95E-03	-17.42	5.95	0.09	2.30E-04	-17.46	4.66	1.99E-06	-17.44	0.82	0
6	rs3778572	<i>STX7</i>	T/C	0.09	3.95E-03	-17.42	5.95	0.09	2.30E-04	-17.46	4.66	1.99E-06	-17.44	0.82	0
6	rs12199903	<i>STX7</i>	C/T	0.09	3.96E-03	-17.42	5.95	0.09	2.30E-04	-17.46	4.66	1.99E-06	-17.44	0.82	0
6	rs72996869	<i>STX7</i>	T/G	0.09	4.02E-03	-17.41	5.95	0.09	2.31E-04	-17.46	4.66	2.00E-06	-17.44	0.82	0
6	rs3823289	<i>STX7</i>	C/T	0.09	3.93E-03	-17.43	5.95	0.09	2.34E-04	-17.44	4.66	2.01E-06	-17.44	0.82	0
6	rs12210721	<i>STX7</i>	G/C	0.09	4.02E-03	-17.35	5.94	0.09	2.30E-04	-17.46	4.66	2.03E-06	-17.42	0.81	0
6	rs145967325	<i>STX7</i>	T/TTTTCAA C	0.09	4.02E-03	-17.35	5.94	0.09	2.30E-04	-17.46	4.66	2.03E-06	-17.42	0.81	0
6	rs56009841	<i>STX7</i>	C/T	0.09	4.04E-03	-17.41	5.95	0.09	2.85E-04	-17.32	4.69	2.46E-06	-17.35	0.83	0
18	rs11664535	<i>CNDP1</i>	G/A	0.15	7.94E-03	12.77	4.75	0.17	1.60E-04	13.13	3.41	2.66E-06	13.01	0.93	0
18	rs34570315	<i>CNDP1</i>	C/T	0.15	7.90E-03	12.78	4.75	0.17	1.81E-04	13.14	3.44	2.99E-06	13.01	0.93	0
6	rs60959485	<i>PRDMI</i>	C/T	0.1	2.86E-03	18.52	6.06	0.06	5.21E-04	19.33	5.47	3.00E-06	18.95	0.86	0
6	rs9399961	<i>PRDMI</i>	C/T	0.1	2.93E-03	18.53	6.09	0.06	5.48E-04	19.29	5.47	3.21E-06	18.95	0.86	0
3	rs4679564	<i>LOC105377110</i>	G/A	0.29	3.74E-02	7.57	3.61	0.3	3.89E-05	11.73	2.79	4.05E-06	10.17	0.31	1
16	rs9932908	<i>LOC105371307</i>	A/G	0.14	4.23E-02	-11.02	5.38	0.12	4.29E-05	-16.84	4.03	4.82E-06	-14.75	0.51	0

16	rs7206806	<i>LOC105371307</i>	T/A	0.14	4.19E-02	-11.04	5.38	0.12	4.42E-05	-16.82	4.03	4.86E-06	-14.74	0.51	0
16	rs11645800	<i>LOC105371307</i>	A/G	0.14	4.23E-02	-11.02	5.38	0.12	4.33E-05	-16.83	4.03	4.87E-06	-14.74	0.51	0
7	rs2107587	<i>CRPPA</i>	C/T	0.33	6.00E-03	-10.1	3.62	0.33	5.54E-04	-10.11	2.88	7.32E-06	-10.1	0.58	0
7	rs6958419	<i>CRPPA</i>	T/C	0.45	1.21E-02	8.52	3.35	0.44	2.68E-04	10.09	2.72	7.36E-06	9.47	0.92	0

^a The beta value refers to the regression coefficient of the quantitative trait analysis and represents the effect size of the minor allele on the level of fatigue as determined as fVAS (mm).

^b Cochran's Q statistic p-value

^c I² heterogeneity index

MAF, minor allele frequency; SE, standard error