

Supplementary Table S6 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 Norwegian and Swedish cohorts.

Chr	Variant	Locus	Major/minor allele	Norway				Sweden				Meta-analysis Norway/Sweden			
				MAF	P-value	Beta ^a	SE	MAF	P-value	Beta ^a	SE	P-value	Beta ^a	Q ^b	I ^c
3	rs60344347	<i>RTP4/MASP1</i>	CCTCT/C	0.17	1.47E-02	-8.77	3.57	0.23	1.07E-06	-14.96	2.94	3.88E-08	-12.46	0.18	44.13
3	rs7611640	<i>RTP4/MASP1</i>	G/A	0.17	1.48E-02	-8.77	3.57	0.23	1.08E-06	-14.95	2.94	3.92E-08	-12.46	0.18	44.12
3	rs1985269	<i>RTP4/MASP1</i>	C/T	0.17	1.48E-02	-8.76	3.57	0.23	1.08E-06	-14.95	2.94	3.97E-08	-12.45	0.18	44.28
3	rs73182503	<i>RTP4/MASP1</i>	A/G	0.17	1.62E-02	-8.67	3.58	0.23	1.09E-06	-14.95	2.94	4.41E-08	-12.43	0.17	45.75
3	rs7626469	<i>RTP4/MASP1</i>	C/G	0.17	1.62E-02	-8.67	3.58	0.23	1.09E-06	-14.96	2.94	4.41E-08	-12.43	0.17	45.76
3	rs73197558	<i>RTP4/MASP1</i>	G/T	0.17	2.25E-02	-8.19	3.57	0.23	1.50E-06	-14.92	2.96	9.35E-08	-12.17	0.15	52.63
3	rs73197560	<i>RTP4/MASP1</i>	T/A	0.17	2.26E-02	-8.18	3.57	0.23	1.65E-06	-14.86	2.97	1.04E-07	-12.13	0.15	51.79
3	rs73197561	<i>RTP4/MASP1</i>	A/G	0.17	4.02E-02	-7.33	3.56	0.23	1.28E-06	-15.00	2.96	1.83E-07	-11.86	0.10	63.66
17	rs75160892	<i>ERN1</i>	G/A	0.07	3.58E-04	-18.25	5.04	0.05	1.11E-03	-20.18	6.06	9.11E-07	-19.04	0.81	0
17	rs79773538	<i>ERN1</i>	C/T	0.07	3.58E-04	-18.25	5.04	0.05	1.11E-03	-20.18	6.06	9.14E-07	-19.04	0.81	0
17	rs9894399	<i>ERN1</i>	A/C	0.07	3.66E-04	-18.15	5.03	0.05	1.11E-03	-20.18	6.06	9.32E-07	-18.98	0.80	0
22	rs133580	<i>MIR3201</i>	C/T	0.25	2.83E-04	10.99	2.98	0.25	1.98E-03	10.74	3.40	1.22E-06	10.88	0.95	0
10	rs10994088	<i>LINC01553</i>	C/T	0.44	1.25E-03	9.01	2.76	0.42	4.59E-04	10.28	2.87	1.34E-06	9.62	0.75	0
10	rs34250689	<i>LINC01553</i>	A/AT	0.44	1.30E-03	8.95	2.75	0.42	4.43E-04	10.28	2.86	1.34E-06	9.59	0.74	0
10	rs4948250	<i>LINC01553</i>	T/A	0.44	1.31E-03	8.95	2.75	0.42	4.43E-04	10.28	2.86	1.35E-06	9.59	0.74	0
10	rs5785425	<i>LINC01553</i>	CTTTGTTT G/C	0.44	1.38E-03	8.88	2.75	0.42	4.38E-04	10.29	2.86	1.42E-06	9.56	0.72	0
10	rs3851250	<i>LINC01553</i>	T/A	0.44	1.39E-03	8.88	2.75	0.42	4.43E-04	10.27	2.86	1.44E-06	9.55	0.73	0
10	rs3843241	<i>LINC01553</i>	C/T	0.44	1.40E-03	8.86	2.75	0.42	4.44E-04	10.27	2.86	1.46E-06	9.54	0.72	0
10	rs138623397	<i>MIR5100</i>	A/AT	0.26	1.02E-02	-7.64	2.96	0.23	3.97E-05	-12.78	3.01	1.47E-06	-10.16	0.22	32.53
10	rs4301740	<i>LINC01553</i>	A/G	0.44	1.43E-03	8.84	2.74	0.42	4.44E-04	10.27	2.86	1.49E-06	9.53	0.72	0
10	rs10821619	<i>LINC01553</i>	T/C	0.44	1.43E-03	8.84	2.74	0.42	4.44E-04	10.27	2.86	1.49E-06	9.53	0.72	0
10	rs2053661	<i>LINC01553</i>	G/T	0.44	1.45E-03	8.82	2.74	0.42	4.44E-04	10.27	2.86	1.51E-06	9.52	0.71	0
10	rs7078432	<i>LINC01553</i>	T/G	0.44	1.49E-03	8.79	2.74	0.42	4.44E-04	10.27	2.86	1.55E-06	9.50	0.71	0
10	rs7078446	<i>LINC01553</i>	T/C	0.44	1.49E-03	8.79	2.74	0.42	4.45E-04	10.27	2.86	1.55E-06	9.50	0.71	0
10	rs968626	<i>LINC01553</i>	T/C	0.44	1.50E-03	8.78	2.74	0.42	4.42E-04	10.28	2.86	1.56E-06	9.50	0.71	0
10	rs7099657	<i>LINC01553</i>	C/T	0.44	1.54E-03	8.76	2.74	0.42	4.36E-04	10.29	2.86	1.59E-06	9.50	0.70	0
10	rs3099373	<i>LINC01553</i>	T/G	0.44	1.54E-03	-8.76	2.74	0.42	4.35E-04	-10.30	2.86	1.59E-06	-9.50	0.70	0
10	rs7069483	<i>LINC01553</i>	A/G	0.44	1.55E-03	-8.76	2.74	0.42	4.34E-04	-10.30	2.86	1.59E-06	-9.49	0.70	0
10	rs10821620	<i>LINC01553</i>	G/T	0.44	1.55E-03	8.76	2.74	0.42	4.34E-04	10.30	2.86	1.59E-06	9.49	0.70	0
22	rs133581	<i>MIR3201</i>	A/C	0.24	3.94E-04	10.78	3.00	0.24	2.14E-03	10.84	3.47	1.93E-06	10.81	0.99	0

14	rs7152199	<i>NPAS3</i>	G/A	0.30	3.15E-04	10.32	2.82	0.29	3.00E-03	8.94	2.96	2.28E-06	9.66	0.74	0
10	rs142621805	<i>LINC01553</i>	GCTAA/G	0.45	2.25E-03	8.49	2.75	0.42	4.43E-04	10.28	2.86	2.42E-06	9.35	0.65	0
10	rs10994091	<i>LINC01553</i>	C/T	0.44	2.28E-03	8.46	2.75	0.42	4.43E-04	10.28	2.86	2.47E-06	9.33	0.65	0
10	rs10821618	<i>LINC01553</i>	C/T	0.44	2.39E-03	8.42	2.74	0.42	4.57E-04	10.27	2.87	2.68E-06	9.30	0.64	0
14	rs8014355	<i>NPAS3</i>	G/A	0.29	2.58E-04	10.45	2.82	0.29	4.31E-03	8.59	2.97	2.81E-06	9.57	0.65	0
4	rs1433439	<i>LOC105374397</i>	G/A	0.19	2.09E-02	-7.13	3.07	0.15	2.59E-05	-15.31	3.52	4.12E-06	-10.66	0.08	67.29
4	rs16991737	<i>LOC105374397</i>	A/G	0.19	2.09E-02	-7.14	3.07	0.15	3.64E-05	-15.23	3.56	5.22E-06	-10.59	0.09	66.29
4	rs60955619	<i>LOC105374397</i>	A/C	0.19	2.09E-02	-7.14	3.07	0.15	3.64E-05	-15.23	3.56	5.23E-06	-10.59	0.09	66.28
4	rs1119249	<i>LOC105374397</i>	T/C	0.19	2.08E-02	-7.14	3.07	0.15	3.66E-05	-15.24	3.56	5.25E-06	-10.60	0.09	66.24
5	rs758181	<i>LINC01184</i>	A/T	0.14	2.06E-02	9.00	3.86	0.16	8.03E-05	15.45	3.82	6.38E-06	12.26	0.24	29.04
4	rs16991755	<i>LOC105374397</i>	T/C	0.19	2.49E-02	-6.97	3.09	0.15	3.66E-05	-15.23	3.56	6.53E-06	-10.52	0.08	67.39
17	rs76051321	<i>ERN1</i>	C/T	0.07	1.14E-03	-15.98	4.90	0.05	2.59E-03	-19.05	6.23	8.47E-06	-17.16	0.70	0
4	rs148795887	<i>RP11-576N17.5</i>	T/C	0.17	4.78E-02	7.45	3.74	0.18	3.57E-05	15.36	3.60	8.61E-06	11.55	0.13	56.86
5	rs11428354	<i>LINC01184</i>	C/CA	0.14	1.93E-02	9.13	3.87	0.17	1.45E-04	14.60	3.74	8.86E-06	11.96	0.31	3.08
4	rs1119248	<i>LOC105374397</i>	G/T	0.19	2.53E-02	-6.82	3.03	0.15	4.71E-05	-14.99	3.56	8.92E-06	-10.26	0.08	67.22
8	rs10112012	<i>DEFB1</i>	C/T	0.09	8.36E-03	-12.71	4.78	0.06	3.26E-04	-20.59	5.54	9.05E-06	-16.07	0.28	13.61
1	rs12035442	<i>LINC02608</i>	A/C	0.14	1.77E-03	11.49	3.65	0.22	2.12E-03	10.39	3.32	9.17E-06	10.89	0.82	0
1	rs11119862	<i>LINC02608</i>	A/G	0.14	1.77E-03	11.48	3.65	0.22	2.12E-03	10.39	3.32	9.18E-06	10.89	0.82	0
5	rs6871743	<i>LINC01184</i>	A/G	0.14	1.93E-02	8.93	3.80	0.17	1.40E-04	14.65	3.75	9.21E-06	11.83	0.28	12.9
5	rs6889756	<i>LINC01184</i>	T/C	0.14	1.93E-02	8.94	3.80	0.17	1.45E-04	14.60	3.74	9.43E-06	11.81	0.29	11.34
8	rs56677333	<i>DEFB1</i>	A/C	0.10	4.71E-03	-12.83	4.49	0.06	6.82E-04	-18.65	5.36	9.55E-06	-15.23	0.41	0
8	rs59058429	<i>DEFB1</i>	C/T	0.09	8.58E-03	-12.68	4.79	0.06	3.43E-04	-20.53	5.54	9.67E-06	-16.03	0.28	12.97
9	rs10759298	<i>RPL36P14</i>	T/G	0.43	1.62E-02	6.06	2.50	0.42	1.33E-04	10.97	2.79	9.72E-06	8.24	0.19	41.72

^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